HUNGARY

PMS Interface Description

Version 9.07

National Tourism Data Supply Centre

28-11-2025

1. Document Control

1.1. Document data

Document Title	Technical system design
Project Name	National Tourism Data Supply Centre
Responsible Person	Visit Hungary
Electronic File Name	NTAK_PMS_Interface_v9.07_EN
Document Version	v9.07
Number of Pages	260260260260
Status	Request for comment

1.2. Version history

Version	Phase	Date	Responsible Person	Reason for change
v1.10	Request for comment	03-07-2018	HTA	First version
v1.20	Request for comment	06-11-2018	HTA	Modified version based on comments received
v2.00	Accepted version	09-11-2018	HTA	Accepted version
v2.10	Request for comment	06-12-2018	HTA	Description of steps for connecting the PMS software (Section 4), and description of steps for messaging (Section 5) Collating XSD files from the documentation into an appendix. Updating the digital signature of messages (Section 7.3)
v2.20	Request for comment	10-12-2018	HTA	Detailed description of the messaging elements of the PMS interface
v2.30	Request for comment	18-12-2018	HTA	Details of requesting NTAK certification, elaborating on field layout, elaborating on feedback.
v2.40	Request for comment	24-01-2019	HTA	Additions of accuracy based on the registration process and feedback, wsdl and example message amendments.
v2.50	Request for comment	05-02-2019	HTA	Detailed description of requesting NTDSC certificate.

V3.00	Accepted version	06-02-2019	HTA	Accepted version.
v4.20	Request for comment	11-04-2019	HTA	Information derived from responses to interconnectivity-related questions transferred to the document, transfer of advance booking, insertion of message versions.
v4.30	Request for comment	11-04-2019	HTA	Checked version supplemented with a glossary of terms, prepared for sending to developers.
v5.00	Accepted version	11-04-2019	HTA	Accepted version.
v5.50	Request for comment	30-04-2019	HTA	Modified for accuracy based on comments received
v5.91	Request for comment	13-05-2019	HTA	Value set modifications and event-driven data transmission validations developed
v6.00	Accepted version	15-05-2019	HTA	Accepted version
v6.10	Request for comment	12-06-2019	HTA	Specifications of advance-booking data transmission, example message updated with message versions, and WSDL files of pre-booking have been added to the appendices. Expanded error messages
v7.00	Accepted version	15-06-2019	HTA	Accepted version

v7.09	Request for comment	01-08-2019	HTA	Specifying and separating sample applications into a separate document, other clarifications
v7.10	Accepted version	02-08-2019	HTA	Accepted version
v7.19	Request for comment	02-10-2019	HTA	
v7.20	Accepted version	04-10-2019	HTA	
v7.29	Request for comment	04-02-2020	HTA	Modifications for accuracy and clarification within the document.
v7.30	Accepted version	05-02-2020	HTA	
v8.00	Request for comment	13-11-2020	HTA	Updated with modifications due to the introduction of v8 endpoint version
v8.10	Accepted version	22-12-2021	HTA	Conceptual clarification
v8.11	Request for comment	04-03-2023	HTA	Description of universal certificate request process added; minor corrections in the document
v8.20	Accepted version	15-04-2024	HTA	
v8.21	Request for comment	07-06-2024	HTA	Modification regarding the expiry of universal certificates
v8.22	Accepted version	10-06-2024	HTA	

v8.30	Request for comment	24-05-2024	HTA	In order to improve data quality, correction to daily closure messages and additional message validations were introduced, resulting in changes to message processing methods, error handling and message structure.
v9.07	Request for comment	28-11-2025	Visit Hungary	Implementation of changes related to endpoint v9. General data correction rules, particularly those applicable to retrospective data correction of tourism tax and accommodation fee charge items, have been finalised.

1.2.1. Changes compared to document v8.30

Changed where	Changed what
Section 3.2	Update of the technical description of the PMS data provision interface in accordance with asynchronous message processing introduced in v9
Section 3.4	New chapter created to track major changes compared to data transmission at the v8 endpoint.
Section 4	Additions and updates to the glossary
Section 5.1	Clarification of PMS software connection request
Section 5.1.1	Registration of PMS software and addition of criteria for issuing/renewing NTDSC certificates
Section 7	Description of changes in PMS message types and the message sending process
Section 7.6	Introduction of verification endpoint
Section 8	Updating and restructuring Visit Hungary's recommendations in the document
Section 9	Addition of formal requirements to the new validation rules
Section 9.5	Defining error codes
Section 10	Description of messages supplemented with error codes
Section 10.5	Description of the structure of a verification request message
Section 10.6	Detailed description of the structure of response messages
Section 12.5	Annex of NTDSC main and subcategories
Section 12.6	Defining extreme value limits
Section 12.7	Formal requirements for the postal codes of prominent sending countries

2. Contents

1. Document Control 2
1.1. Document data 2
1.2. Version history 3
1.2.1. Changes compared to document v8.30 6
2. Contents 7
3. Introduction 16
3.1. The purpose of the document 16
3.2. Technical description of the PMS data reporting interface 16
3.3. PMS Interface message versions 18
3.4. Main changes compared to data transmission at the v8 endpoint 18
4. Glossary 21
5. PMS software connection process 26
5.1. Submitting a PMS software connection request 27
5.1.1. Criteria for registering PMS software and issuing/renewing NTDSC certificates: 27
5.2. Registering an accommodation in the NTDSC system 28
5.3. Storing the necessary identifiers in the PMS software 28
5.4. Certificate configuration 29
5.5. Initiating data reporting to the NTDSC system 29
6. Configuration for live data transmission 30
6.1. Issuing a certificate 30
6.1.1. Generating CSR files 31
6.1.2. Uploading a CSR file to the NTDSC portal 32
6.1.3. Saving Certificate and Inserting into the PMS Software 32
6.1.4. Certificate revocation 33
7. Types of PMS messages, messaging process 34
7.1. Data provision process 34
7.2. Managing Message Identifiers on the PMS Interface 38
7.3. Daily closure data transmission 39
7.3.1. Daily Closure Endpoint 39
7.3.2. Using the Daily Closure Endpoint for Submitting Revenue from Non-Accommodation Services 40
7.3.3. Availability of data reporting dates for accommodation providers 41
7.3.3.1. Data reporting process at the data request endpoint: 42
7.3.3.2. Message structure: 44

7.3.3.3. Field specification: 46
7.3.3.4. Error codes: 49
7.4. Event-driven data transmission 50
7.5. Advance-booking data transmission 51
7.6. Verification endpoint 52
7.7. Acceptable frequency of messages sent, limits that incur restrictive measures 53
8. Recommendations 55
8.1. Guest data 55
8.1.1. Sender country unknown 55
8.1.2. Guest's age 55
8.1.3. The guest’s sex. 56
8.2. Handling VAT values in accordance with legislation 56
8.3. Implementation of daily closure checklist 56
8.4. Handling of accommodation fees 56
9. Formal requirements 57
9.1. General formal requirements 57
9.1.1. Encrypting personal data 57
9.1.1.1. Example for encrypting personal data: 57
9.1.2. Bulk Entry of Guest Details 58
9.1.3. Change in the guest’s personal data 59
9.1.4. Formal validation of postal codes 59
9.1.5. Filtering extreme revenue/charge data on the PMS side 60
9.1.5.1. Primary extreme value limits 60
9.1.5.2. Secondary extreme value limits 60
9.1.6. Date format used on the PMS interface 60
9.1.7. Digital signature of messages 61
9.1.8. Matching tax number 64
9.1.9. Software version data split 64
9.1.10. Booking IDs on the PMS interface 64
9.2. Requirements for the content of daily closure messages 65
9.2.1. Validation of possible VAT rate percentage values 65
9.2.2. Validation of the age of guests 65
9.2.3. The guest's nationality and place of residence must be sent as an ISO country code 65
9.2.4. The epulet (building) field is mandatory. 66
9.2.5. The szobaszam (room number) field is mandatory 66
9.2.6. Managing Items Appearing on Technical Accounts 66
9.2.7. Booking-level revenue 66

9.2.1. Method for Sending Advance Payments 68
9.2.2. Sending Post-Departure Charges and Spending to the PMS Interface 70
9.2.3. Accommodation package - separation of consumption items 72
9.2.4. Managing Vouchers 72
9.2.5. Managing Currency Types on the PMS Interface 72
9.2.6. Managing Closed State 73
9.2.7. Managing Extra Beds 73
9.2.8. Managing beds 73
9.2.9. The System of Charges and Spending on the PMS Interface 74
9.2.10. Managing Accommodation Fee and Packages 75
9.2.11. Managing Day Use on the PMS Interface 76
9.2.12. Managing of out-of-service rooms 76
9.2.13. The number of rooms in the message must match the NTDSC registration data and the breakdown of rooms within the message. 77
9.2.14. Consistency check for rooms booked 78
9.2.15. Number of rooms available 78
9.2.16. The Concept of 'Day' on the PMS Interface 78
9.2.17. Managing Tourism Tax 79
9.2.17.1. Submission of general tourism tax exemption categories defined by law 79
9.2.17.2. Calculation and submission of tourism tax amounts 80
9.2.17.3. Submission of tourism tax rates and exemptions specified by local governments 82
9.2.18. Consumption on the Check-out Date 84
9.2.19. Managing representational spending 85
9.2.20. Requirements for data correction 85
9.2.20.1. General requirements 85
9.3. Requirements for the content of advance booking messages 86
9.3.1. The guest's country of origin 86
9.3.2. Expected number of guests must be provided 86
9.3.3. Sending the capacity of rented accommodation unit 87
9.3.4. Past departure 87
9.3.5. Expected time of arrival 87
9.3.6. Option to send certainty information about reservations 88
9.3.7. Filtering out unrealistic advance bookings 88
9.4. Requirements for the content of event-driven messages 88
9.4.1. Submitting incorrect check-in and check-out events 88
9.5. Error codes on the PMS interface 89

9.5.1. Field value error keys 89
9.5.2. NTDSC registration error keys 99
9.5.3. Signature error keys 99
9.5.4. Certificate error keys 99
10. Specification description of messages 101
10.1. Structure of message header 101
10.1.1. Message details 103
10.1.1.1. Message ID 103
10.1.1.1. Time of message sending 104
10.1.1. Sending system details 104
10.1.1.1. PMS software version 105
10.1.1.2. PMS software identifier 106
10.1.2. Service provider data 107
10.1.2.1. Accommodation's registration number 107
10.1.2.2. Service provider's tax number 108
10.2. Elements of the daily closure request 109
10.2.1.1. Daily closure 116
10.2.1.2. Classification 117
10.2.1.3. Protocol ID 118
10.2.1.4. Reason 118
10.2.2. All rooms 120
10.2.3. Out-of-order rooms 121
10.2.4. Out-of-service rooms 122
10.2.5. Rooms rented out 122
10.2.6. Rooms available 123
10.2.7. Total room capacity 123
10.2.8. Capacity of out-of-order rooms 124
10.2.9. Capacity of out-of-service rooms 124
10.2.10. Capacity of rooms rented out 125
10.2.11. Capacity of rooms available for rent 125
10.2.1. Tourism tax data 126
10.2.1.1. tourism tax type 127
10.2.1.2. tourism tax rate 127
10.2.2. Accommodation unit nights 129
10.2.2.1. Accommodation unit night 129
10.2.3. Building 130
10.2.4. Room number 131

10.2.5. Type of accommodation unit 132
10.2.6. Number of single beds 132
10.2.7. Number of double beds 133
10.2.8. Number of extra beds 133
10.2.9. Spending amount 136
10.2.10. Type of spending 137
10.2.11. Spending subtype 137
10.2.12. Accommodation package charge item amount 139
10.2.13. Accommodation Package Charge Item Main Category 139
10.2.14. Accommodation Package Charge Item subcategory 140
10.2.15. Accommodation Package Charge Item VAT rate 141
10.2.15.1. Accommodation Package Charge Item VAT rate % 141
10.2.16. Amount of Charge Item Outside Accommodation Package 142
10.2.17. Main category of Charge Item Outside Accommodation Package 143
10.2.18. Subcategory of Charge Item Outside Accommodation Package 144
10.2.19. VAT rate of Charge Item Outside Accommodation Package 145
10.2.19.1. VAT rate % of Charge Item Outside Accommodation Package 145
10.2.20. Guest ID 146
10.2.21. Guest's year of birth 147
10.2.22. The guest’s sex. 147
10.2.23. Guest's nationality 148
10.2.24. Country of residence of guest 148
10.2.25. Postal code of guest's place of residence 149
10.2.26. Guest tourism tax status 149
10.2.27. Day use 151
10.2.28. Check-out date sales 155
10.2.28.1. Booking number 156
10.2.28.2. Accommodation package charge item amount 157
10.2.28.3. Amount of Charge Items Outside Accommodation Package 158
10.2.29. Other spending amount 160
10.2.30. Other spending type 161
10.2.31. Other spending sub-type 161
10.2.32. Other charges total 163
10.2.33. Other charge main category 163
10.2.34. Other charge subcategory 164
10.2.35. Post-departure spending booking number 165
10.2.36. Date of post-departure spending 166

10.2.37. Post-departure spending item ... 166
10.2.38. Amount of post-departure spending ... 166
10.2.39. Post-departure spending type ... 167
10.2.40. Post-departure spending subtype ... 168
10.2.41. Booking number for Post-departure Charges ... 169
10.2.42. Date of Post-departure Charge ... 169
10.2.43. Post-departure Charge Item ... 170
10.2.44. Amount of Post-departure charge ... 170
10.2.45. Post-Departure Charge Main Category ... 171
10.2.46. Post-departure charge subcategory ... 172
10.2.47. Post-departure charge VAT rate ... 172
10.2.47.1. Post-departure charge VAT rate % ... 172
10.3. Elements of the event-driven request ... 174
10.3.1. Events ... 177
10.3.1.1. Check in: ... 177
10.3.2. Guest ID ... 179
10.3.3. Guest's year of birth ... 179
10.3.4. The guest’s sex. ... 180
10.3.5. Guest's nationality ... 180
10.3.6. Country of residence of guest ... 181
10.3.7. Postal code of guest's place of residence ... 181
10.3.8. Guest tourism tax status ... 182
10.3.9. Building ... 183
10.3.10. Room number ... 184
10.3.11. Type of accommodation unit ... 184
10.3.12. Number of single beds ... 185
10.3.13. Number of double beds ... 185
10.3.14. Number of extra beds ... 186
10.3.14.1. Checkout: ... 186
10.3.14.1. Change of accommodation unit ... 186
10.3.15. Guest ID ... 188
10.3.16. Guest's year of birth ... 189
10.3.17. The guest’s sex. ... 190
10.3.18. Guest's nationality ... 190
10.3.19. Country of residence of guest ... 191
10.3.20. Postal code of guest's place of residence ... 191
10.3.21. Guest tourism tax status ... 192

10.3.22. Building ... **193**
10.3.23. Room number ... **194**
10.3.24. Type of accommodation unit ... **194**
10.3.25. Number of single beds ... **195**
10.3.26. Number of double beds ... **195**
10.3.27. Number of extra beds ... **196**
10.3.28. Building ... **196**
10.3.29. Room number ... **197**
10.3.30. Type of accommodation unit ... **197**
10.3.31. Number of single beds ... **198**
10.3.32. Number of double beds ... **198**
10.3.33. Number of extra beds ... **199**
10.4. Booking event request elements ... 200
10.4.1. Booking number ... **201**
10.4.2. Creation of an event ... **201**
10.4.3. Guaranteed booking ... **202**
10.4.4. Cancelled ... **202**
10.4.5. Guest's nationality ... **203**
10.4.6. Check in ... **203**
10.4.7. Checkout: ... **204**
10.4.8. Date and time of booking ... **204**
10.4.9. Sales channel ... **205**
10.4.10. Gross amount of booking ... **205**
10.4.11. Occupied accommodation units ... **206**
10.4.11.1. Occupied accommodation unit ... **206**
10.4.12. Market segment ... **208**
10.4.13. Number of guests ... **208**
10.5. Structure of a verification request message ... 209
10.5.1. Processing identifiers ... **209**
10.5.1. NTDSC system unique processing identifier ... **209**
10.6. Structure of reponse message ... 211
10.6.1. In the case of acceptable requests ... **211**
10.6.1.1. Daily closure/ Advance booking/ Event-driven message ... **211**
10.6.1.2. In the case of a verification endpoint message ... **213**
10.6.2. In the case of unacceptable requests ... **215**
11. Examples of data transmission ... 216
11.1. Daily closure ... 216

11.1.1. Example of a daily closure request message to the daily closure endpoint (napiZarasRequest) ... 216

11.1.3. Example of a synchronous response message - In the event of an unacceptable message (synchronous error) ... 223

11.1.1. Example of synchronous response message - In case of an unacceptable message (schema error) ... 224

11.2. Advance booking ... 224

11.2.1. Example request message to theadvance booking endpoint (foglalasEsemenyRequest) ... 224

11.2.2. Example response message at the advance booking endpoint – Acceptable message (foglalasEsemenyResponse) ... 226

11.3. Event-driven communication ... 226

11.3.1. Example request message to the event-driven receiving endpoint (esemenyvezereltAdatkuldesRequest) ... 226

11.3.2. Example response message at the event-driven endpoint – In case of an acceptable message (esemenyvezereltAdatkuldesResponse) ... 229

11.4. Verification endpoint ... 229

11.4.1. Example request message to the verification endpoint (ellenorzesRequest) ... 229

11.4.2. Example response message at the verification endpoint – Acceptable message (ellenorzesResponse) ... 230

11.4.2.1. Daily closure message with completely incorrect status: ... 230

11.4.2.1. Completely successful status for daily closure message: ... 231

11.4.2.2. Daily closure message with to be examined status: ... 232

11.4.2.3. Daily closure message with to be resent status: ... 233

12. Appendices ... 234

12.1. Requesting Certificates ... 234

12.1.1. Standards and Recommendations ... 234

12.1.2. Example for creating an accommodation certificate request in Windows environment ... 234

12.1.3. Example for creating an accommodation certificate request in Linux environment 235

12.2. List of country codes accepted by PMS Interface ... 236

12.3. NTDSC main andsubcategories ... 242

12.3.1. Revenue from guest nights (Accommodation unit nights) ... 247

12.3.1.1. Consumption within the accommodation package related to the booking 247

12.3.1.2. Consumption outside the accommodation package related to the booking 247

12.3.2. Check-out date sales ... 247

12.3.2.1. Consumption within the accommodation package related to the booking 247

12.3.2.2. Consumption outside the accommodation package related to the booking 248

12.3.3. Post-departure Charges 248

12.3.4. Other consumption not related to accommodation services 248

12.4. Primary and secondary extreme value limits 250

12.4.1. Primary extreme value limits 250

12.4.1.1. Limits on charge items for revenue from accommodation services .. 250

12.4.1.2. Limits on charges for revenue not derived from accommodation services 254

12.4.1.3. Limits on spending and post-departure spending 259

12.5. Formal requirements for the postal codes of prominent sending countries 259

3. Introduction

3.1. The purpose of the document

Visit Hungary's *National Tourism Data Supply Centre* (hereinafter referred to as: NTDSC) project provides information necessary for tourism development decisions and supports the formalisation of the sector. The objectives to be supported are closely linked to the objectives of the National Tourism Development Strategy 2030 for digital tourism and measurable tourism.

In order to meet these goals, a unified IT system is created for Visit Hungary within the framework of this project, one that is capable of maintaining a continuous data connection between the system and the software installed at the accommodations.

This document details the prerequisites for integrating the NTDSC SZÁLLÁS system with the PMS software, the necessary configuration of the integration on the PMS side, its communication channels, and the rules for data transmission. The document is not intended to provide guidance on the internal data structure, architecture, or modules of PMS systems; it only contains information strictly necessary for connecting to the NTDSC system.

3.2. Technical description of the PMS data reporting interface

The PMS interface is a SOAP-based data reception service that processes submitted data synchronously and asynchronously to ensure high load capacity.

The messages sent must be signed by the sending PMS system with the NTDSC certificate requested and downloaded from the NTDSC user interface, thus ensuring the authenticity and integrity of the data. The same certificate shall be used for authenticating and identifying the PMS instance during the establishment of the TLS/SSL connection.

The submitted data will be received by a front-end application that will check the digital signature of the message. Afterwards, it will be checked whether the data submitted contain the fields corresponding to the interface description, and whether every mandatory field has been filled out. If a message is acceptable, the verification endpoint will generate a **unique processing identifier** which the calling system will receive immediately in the response. The front-end application will forward the message received to NTDSC core systems for processing. Later, this identifier can be used to query the result of the submitted message processing at the message processing (verification) endpoint.

The messages are then forwarded to the NTDSC SZÁLLÁS system for processing.

The benefits of this solution:

- Thanks to asynchronous processing, the PMS interface can handle a higher load than services that implement synchronous processing.
- With the help of the verification endpoint, the calling systems may query the final processing result of the data submitted. This way, they can be sure that the data has arrived safely and has been processed.

The NTDSC system receives data from the PMS software via the above communication modes, through standard interfaces. Major datasets of the interfaces, in respect of which the NTDSC System receives data provision from PMS software, include the following:

- **Lakoegysegejszaka:** in the case of an accommodation, an accommodation unit night spent a room, while in the case of a camping, an accommodation unit night spent at a camping spot. This provides the option of grouping by **Spending** on the given day, and for managing **Guests** who spent the night at the accommodation unit.
- **ErtekesitesiCsatorna:** This is where sales channels are transmitted. (Direct – online; Direct – conventional; Agent – online; Agent – conventional)
- **Vendeg:** submission of guest data required for statistical purposes.
    - Since guests' personal data is already anonymised when it arrives from accommodation providers, it will be necessary to submit a guest ID (vendeg_id), which can be used to link the guest nights belonging to a single person.
- **ifaStatusz:** This is the value that stores the tourism tax (‘IFA’) payment obligation mapped to the respective Guest.
- **Koltes:** spending can be allocated to a **guest night** (if it can be directly connected to the guest), or to the **accommodation unit night**, with the dataset representing the amounts spent.
- **KoltesTipus:** payment types associated with spending (cash, bank card, SZÉP Card)
- **KoltesAlTipus:** This value stores the subaccount types for the various cafeteria allocations – the field is mandatory if the value of KoltesTipus is SZEP_KARTYA, otherwise it is not. From 9 January 2023, according to the new legislation, the pockets of the SZÉP Card will be discontinued, and then on there will only be one account behind the SZÉP Card (In accordance with Government Decree 594/2022 (XII. 28.) amending Government Decree 76/2018 (IV. 20.) on the rules for issuing and using the Széchenyi Recreation Card). The accommodation pocket "inherits" the full range of uses of the other two pockets: From 9 January 2023, all SZÉP card services can be

paid for from the accommodation pocket, so when selecting the type of spending, the subtype SZALLASHELY must be sent.

- **Vendegejszaka:** Number of nights spent by a guest at the accommodation. One guest can be assigned a single guest night for any given date.
- **vendegEvent:** This object represents the data event, when using event-driven data transmission.

3.3. PMS Interface message versions

In case, after an NTDSC application version goes live where changes are made to the PMS interface messages that are incompatible with previous message versions, the NTDSC System will accommodate both the old and the new types of messages in order to facilitate continuous data transmission, up until the necessary modifications can be completed. The validity of endpoints is communicated to developers by Visit Hungary.

By default, the PMS interface accepts messages belonging to the "v8" namespace:

- targetNamespace=http://mtu.gov.hu/ntak/v8

In case the changes to the PMS interface are not reverse compatible, the version will be bumped up, for example:

- targetNamespace=http://mtu.gov.hu/ntak/v9

Until the modifications are made, the system will keep accepting the old-version messages that were customary in the lower-version namespace so far, as well as the post-modification messages in the higher-version namespace.

The previous namespace version will be discontinued from the pre-announced date, and it will only be possible to transmit messages with the latest version from that point on.

3.4. Main changes compared to data transmission at the v8 endpoint

The primary goal of Visit Hungary is to ensure that statistical data from all accommodation providers is entered into the NTDSC in a complete and accurate manner.

The NTDSC validation of PMS software is linked to the correct functioning of data reporting functions, which is tested by NTDSC’s operator. Based on the experience of recent years, in order to comply with the validation rules aimed at improving data quality, the validation

testing of individual PMS software versions is also becoming more strict. Details of this can be found in the chapter “Criteria for registering PMS software and issuing/renewing NTDSC certificates:" in this document.

The data compliance rules related to NTDSC data reporting have been revised, and in the newly introduced endpoint version, special emphasis has been placed on further developing the reporting of data errors and informing data sources about the quality of data reporting and the steps necessary to correct errors.

In order to improve data quality, a more detailed and in-depth examination of the messages sent is necessary, which has led to modifications and additions to the PMS interface validation rules, as well as **the need to introduce asynchronous processing,** modelled on the data reception interfaces of the other two NTDSC modules (RMS, TSS).

Within the framework of asynchronous message processing, in addition to the existing communication methods used by PMSs for data transfer, which include event-driven data transfer, daily closure data transfer and advance booking data transfer, a so-called verification endpoint has been introduced. **At the endpoint that ensures the queryability of message processing results,** calling systems can query the results of NTDSC-side processing of individual messages.

Furthermore, **warnings will be introduced**, which will operate in parallel with the error handling currently in practice. The current error handling is of the "hard" type: messages sent with incorrect data content are immediately rejected by NTDSC in a synchronous response based on the message validation methodology applied at the v8 endpoint. The warnings, on the other hand, are "soft" in nature and do not block data reception. With warnings, the sender receives feedback not only in the event of an error, but also if the messages sent are likely to contain incorrect content from a business perspective. A detailed description **of the stricter validation rules** – with particular emphasis on tourism tax rates and exemption categories, as well as the verification of postal codes for prominent guest-sending countries – can be found in the chapter entitled "Formal requirements" of the document. In addition to the specifications of the individual fields that make up the message types used during data transfer, separate **error codes and error messages** have been defined. This clear and detailed description facilitates the development and testing of PMS software, as well as supporting data providers.

With the expansion of NTDSC, which resulted in domestic hospitality businesses and tourist attractions joining the circle of data providers, the certificate requesting process was also renewed and simplified. Data can **only** be sent to the new version of the interface **using the new type of universal certificate**. It is important to sign the message with the

certificate selected by the accommodation provider on the NTDSC Szállás Portal user interface. This is verified during data reporting based on the unique identifier generated for the PMS software when obtaining the NTDSC certificate.

The role of the NTDSC system and the data received has changed over the years, making it important for data providers to be able to correct the data they submit in the future. **With the introduction of the ability to correct daily closure messages**, the PMS interface v9 endpoint now allows for the retrospective correction of already closed days, with the following main features.

The message must indicate whether the current message version is the first submission for the transaction date or a revised version thereof. In the event of a correction, the entire daily closure must be sent with the correct content. **Data corrections must be recorded and justified**. The NTDSC system sorts message versions based on their arrival time, so the latest message version sent represents the most recent version for a given daily closure. Corrected daily closure can be submitted retroactively for up to 15 months from the current date.

As a result of the changes, **the batch submission of daily closures will be discontinued**, i.e. it will no longer be possible to send one daily closure for multiple transaction dates in a single message. Each daily closure must be submitted in a separate message for each transaction date.

At the v8 endpoint, after sending a query for the scheduling endpoint the PMS software received information about sending daily closure messages, i.e., in what time interval and for what transaction date the PMS system must provide data. With the introduction of asynchronous message processing and a significant simplification of the message sending process, **the scheduling endpoint is eliminated**.

In order to achieve greater consistency between the specialist modules of the NTDSC system, the handling of revenue from non-accommodation services will change on the PMS interface: in order to facilitate reconciliation with the catering revenue data provided on the RMS interface and the revenue data from tourist attraction visits submitted on the TSS interface, these items need to be further broken down into **NTDSC main and subcategories** at the PMS interface v9 endpoint. It is important to note that the reporting obligation for revenues from non-accommodation services has been changed to a daily requirement, meaning that these items must also be reported on a daily basis.

4. Glossary

In some cases, the terms defined below may not necessarily be understood in the same way by all tourism stakeholders. The purpose of the glossary is to define each term used in this document in and to indicate what Visit Hungary means by each term in the context of NTDSC data reporting.

- **Data Provision Identifier**: When registering with the accommodation, the NTDSC Portal assigns it a unique identifier, an 8-character data reporting identifier. Accommodation providers can find this ID by logging in to ntak.hu, opening the relevant accommodation tile under the Szálláshelyek menu item, and checking the "Adatszolgáltatási azonosító" field. NTDSC previously checked this unique identifier in messages sent by the PMS system and in the certificate issued to the accommodation. This validation practice is replaced by the examination of the NTDSC Registration Number in data reporting, as a result of which the sending of the data provision identifier is removed from the interface.
- **Data reporting obligation**: Under current legislation, all domestic accommodation providers must register all their accommodation facilities in the NTDSC, and depersonalised statistical data falling within the scope of the data required by law must also be submitted to the NTDSC on a daily basis. The NTDSC reporting obligation applies to every day from the commencement to the completion of accommodation provider activities, regardless of whether the accommodation was open or closed, or whether it received guests or not. For further information, please visit https://info.ntak.hu/szallas.
- **Bed**: Single or double beds permanently installed in the accommodation units.
- **CSR**: Certificate Signing Request. Use of certificates required for the identification of accommodation for the purpose of reporting data to NTDSC. For these certificates, the PMS system creates certificate signing requests (CSRs), which are sent via NTDSC to obtain the certificate to be used.
- **Sales channel**: Sales channels are used to deliver services to potential consumers/service users through direct or indirect sales methods offered by accommodation providers.
- **Processing identifier**: If the data contained in the submitted Advance Booking, Event-driven or Daily closure message are correct based on preliminary checks and the system can accept the message, the NTDSC Szállás system returns a processing identifier to the sending system in a synchronous response, which can be used to query the status of the received message at the verification endpoint.

- **Total capacity**: The total number of guests that can be accommodated on permanent and temporary beds in accommodation units that are available for booking or unavailable for booking for some reason (e.g. due to repair or renovation work) is understood to be the number of beds.
- **Capacity**: maximum number of guests that can be accommodated in a given accommodation unit or accommodation facility.
- **Booking**: Room booking is a process whereby a guest reserves an accommodation unit in an accommodation facility in advance for a specific period of time. This process involves recording the guest's details, determining the type of room and length of stay, and generally agreeing on the terms of payment. The purpose of booking is to ensure that the guest has the desired accommodation upon arrival. The booking does not include orders for accommodation services contracted for a long term, usually for a period of one year, under a framework agreement, whereby the ordering party (e.g. employer) submits requests for specific room reservations at certain intervals, with a list of guests arriving in later groups.
- **Gross total sum of the booking:** It displays the accommodation fee for the entire duration of the booking, expressed in Hungarian forints. If guests have booked multiple accommodation units within a single reservation, the total gross price of the accommodation units will be displayed on the user interface, which is automatically calculated by the system.
- **Service related to booking**: In the context of accommodation provision, these refer to the catering options and extra services offered by the accommodation to its guests during their stay. These types of services offer different levels of comfort, allowing guests to choose according to their needs and preferences.
- **Reservation number**: an identifier used by the accommodation to uniquely identify the room reservation.
- **Guaranteed booking**: A guaranteed booking means that the guest assures the accommodation provider in advance that they will arrive on the booked date, and the accommodation provider will hold the room for them accordingly.
- **IFA**: tourism tax. tourism tax liability (hereinafter: Tourism tax) is levied on private individuals who, as non-permanent residents, spend at least one night in the jurisdiction of the local government concerned. Guests are obliged to pay tourism tax, but it is collected, declared and paid to the local government by the accommodation provider. Since the extent and nature of the tourism tax, as well as the specific exemption categories, are determined by the local government in its decree, this may vary from one municipality to another.

- **Tourism tax (IFA) status**: Types of guest tourism tax obligations and exemptions.
- **Available capacity**: The number of guests that can be accommodated in the rooms available on a given day at the accommodation, without extra beds.
- **Available rooms**: The number of rooms (accommodation units) where guests can be accommodated on a given day, regardless of whether or not they are currently occupied by guests.
- **Booked capacity**: The number of guests that can be accommodated in the rooms booked on a given day at the accommodation, without extra beds.
- **Booked room**: The number of rooms booked refers to the number of rooms occupied by guests on a given day. Rooms with departing guests and marked as day use are not included.
- **Spending**: Spending is a gross sum item paid by the guest without the VAT rate, with the NTDSC System keeping records on its sum and type. This is to be sent to the PMS interface on the date when the invoice is issued. The exception to this is the submission of the advance payment. In the case of post-departure payment, it shall be sent on the date of financial settlement, with reference to the date of issue of the invoice.
- **Accommodation unit**: a room unit that can be sold individually at the accommodation facility, consisting of one or more rooms, with individual access, and intended for the temporary accommodation of one or more guests.
- **Gross total sum of the accommodation unit**: The room rate is the fee charged by the accommodation for the use of a room per night for the entire duration of the booking. The exact definition and conditions of the room rate can always be found in the general terms and conditions of the accommodation.
- **Accommodation unit night**: in the accommodation sector, this term refers to the number of rooms occupied by guests multiplied by the number of nights spent. This metric helps hotels and accommodation providers track and analyse occupancy, utilisation and revenue.
- **Day to be closed**: The day to be closed is the current day that is still in progress and at the end of which the daily closure will take place. On this day, the accommodation still handles open transactions, receives guests and provides services before closing all daily activities (usually at the start of the following day).
- **Day use**: The day use status indicates that a particular accommodation unit sold was only used during the day and that the guest did not spend the night in that accommodation unit.
- **NTDSC**: Abbreviation for the National Tourism Data Supply Centre developed and operated by Visit Hungary. This system collects anonymised statistical data from

accommodation providers and reports data to relevant parties (central statistical office - KSH, tax and customs adminstration - NAV, local governments, Visit Hungary).

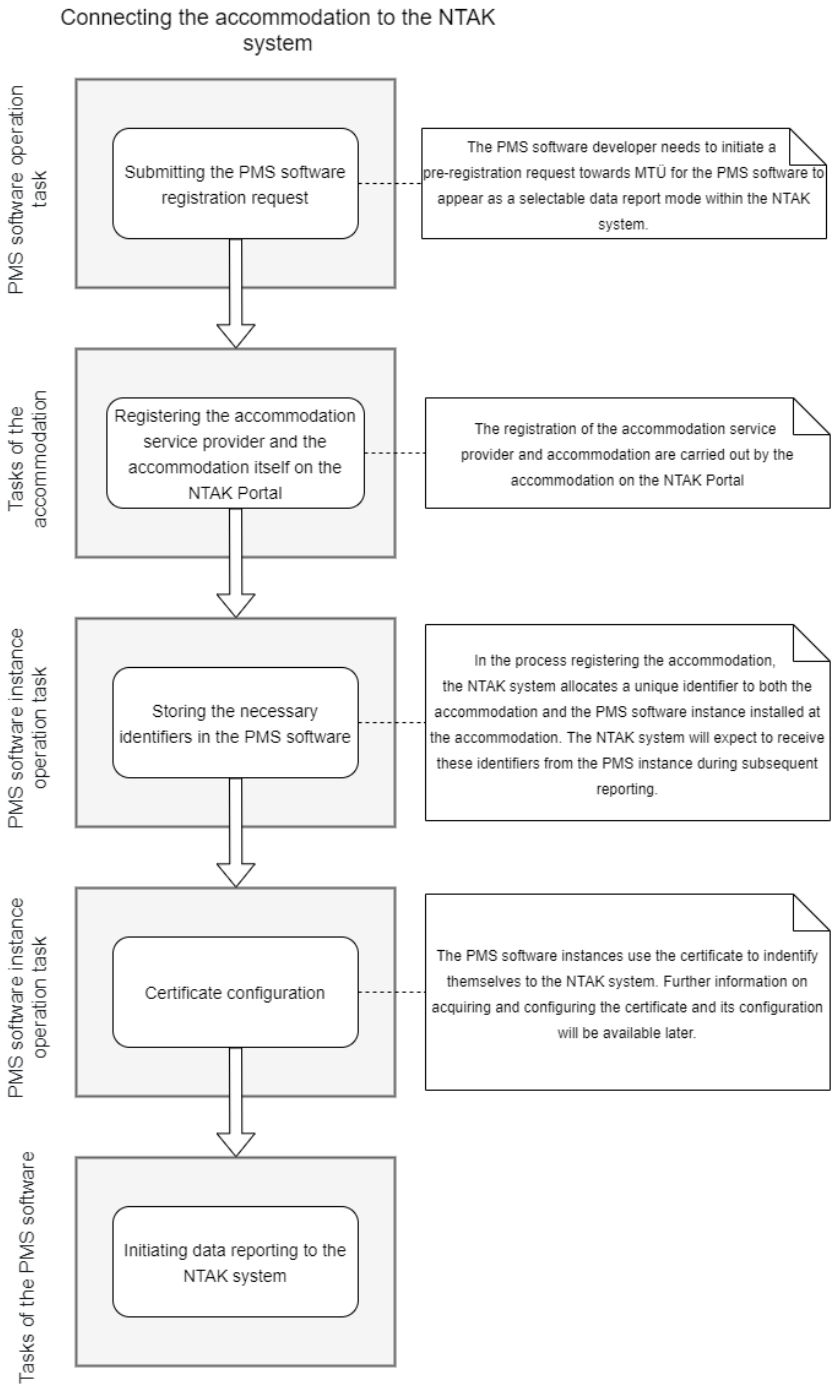
- **Out-of-order** (abbreviated: OOO): accommodation unit out of service. We use this for accommodation units that are not in a condition to accommodate guests at the time of booking (or upon the guest's arrival), for example, if the room is being renovated or cannot be rented out to guests for any reason.
- **Out-of-service** (abbreviated: OOS): accommodation unit not in use. We use this for accommodation units that are currently out of service (e.g. short-term maintenance is required in the accommodation unit) but are suitable for long-term guest accommodation. Typically, it can be set for accommodation units that need to be temporarily closed, so that they do not appear among the rooms available for rent on the transaction date in the PMS software.
- **Market segment**: what is the purpose of the guest's visit to the accommodation, and what is the nature of their visit (individual/group, leisure/business).
- **PMS interface:** The NTDSC module that receives data from PMS software. This document contains the form- and content-related requirements for sending data, i.e. the requisites for connecting to the PMS interface. According to the law referenced on the NTDSC information website (https://info.ntak.hu/adatszolgaltatas#bemutatkozas), all accommodation providers are required to use a solution that is compatible with the PMS interface and can send data through it.
- **PMS, PMS software:** acronym for Property Management System, i.e. the system for managing commercial accommodation establishments. This is how we refer to the hotel systems used by accommodation providers in our documentation, as well as the VENDÉGEM Accommodation software provided by Visit Hungary.
- **Extra bed**: a bed that can be temporarily placed in the room units.
- **Accommodation**: Entity used to pursue commercial accommodation services on the basis of Act CLXIV of 2005. Each accommodation can be clearly assigned to an accommodation provider.
- **Accommodation provider:** An entity providing accommodation services pursuant to Act CLXIV of 2005, which is connected to NTDSC as a Data Provider and/or Data Recipient in accordance with its eligibility.
- **Room bill**: The room bill is a detailed invoice kept by the accommodation provider for the guest, which includes all costs and services incurred during the guest's stay. The room bill is continuously updated during the guest's stay and is finalised at check-out. The guest then pays the total amount, which includes the price of all services and

products used. The breakdown of the room bill helps guests understand the costs incurred and ensures financial accountability for the accommodation provider.

- **Software ID**: a unique ID generated for the PMS software when obtaining the NTDSC Certificate. During data reporting, the accommodation ID (NTDSC registration number) and software ID combination appearing in the certificate and message are checked for consistency. In other words, the message must be signed with the certificate selected by the accommodation provider on the NTDSC Szállás Portal user interface.
- **Certificate**: An electronic document, duly signed digitally by the issuing authority, containing the identity data (e.g. name) of the certificate holder and the public code key of the holder. This is used by the system to authenticate the exchange of messages between PMSs and NTDSC, and requests it from the data sender endpoints.
- **Charge**: The gross amount charged to the guest's account for a service, including VAT and the service's (NTDSC main- and sub)category. This is to be sent to the PMS interface based on the recording of the respective product or service. For more information on handling exceptions, please refer to the section describing the formal requirements for daily closure messages.
- **Area unit:** A unit of measurement used for camping-type accommodations, which serves to divide the camping area. This indicates an individually marketable area suitable for accommodating one or more guests.
- **Guest ID**: During data reporting, a character string generated from the guest's personal identification data ('4T '), which serves to encrypt the guest's natural identification data while also enabling the guest to be uniquely identified.
- **Guest night**: A guest night means that a guest spends one night at an accommodation. This metric is used in tourism to measure occupancy and utilisation. Aggregating guest nights helps the accommodation track turnover, occupancy and revenue.
- **VIZA**: the Guest Information Closed Database is an IT system protected by multiple asymmetric encryption, which stores the personal data of all guests staying at accommodation establishments in Hungary in an encrypted form from 1 September 2021, as required by law.
- **Walk-in**: a guest arriving without a prior reservation.

5. PMS software connection process

This section describes the steps a PMS software user (i.e. an accommodation) must take for connecting to the NTDSC system.



1 *Figure – Steps for configuring data reporting*

5.1. Submitting a PMS software connection request

When an accommodation is registered in the NTDSC System, the user performing registration can select the PMS software they intend to use for data reporting. In order for a particular PMS software to be included among the options available here, the owner/distributor of the PMS software must submit a preliminary connection request to Visit Hungary, providing the necessary basic data about the PMS software.



2 *Figure – Selecting PMS software when registering accommodation*

During registration, NTDSC's operator checks that the operation of the given PMS version's data provision features is in line with the applicable legal regulations. If the data reporting functions are working properly, NTDSC's operator shall register the PMS version. Validation must be repeated when new major versions of the PMS software are released.

IMPORTANT: Please note that, according to current legislation, NTDSC data reporting software must be suitable for data reporting to both the NTDSC and the Guest Information Closed Database (VIZA) systems, and must be certified as such. Therefore, accommodation providers using software connected only to the VIZA system or only to the NTDSC PMS interface do not fully comply with the requirements of the applicable legislation.

In order to meet these requirements, the software to be connected must successfully connect to both the NTDSC PMS interface and the VIZA system.

Details on connecting to the VIZA interface are available at https://vizainfo.hu/szoftverek.

Summary:

5.1.1. Criteria for registering PMS software and issuing/renewing NTDSC certificates:

The correct functioning of the data reporting functions of the PMS software discussed in this document, in particular:

- the software transparently displays **warnings** or **error** messages returned by the NTDSC system to users as well
- the pre-recorded/default guest data must be overwritten with the data scanned from the document (see: (See section entitled "**Hiba! A hivatkozási forrás nem található.**")
- the software simultaneously has VIZA certification (see above)

- in the event of developments affecting the main functions of the software, validation testing of the new main version of the PMS software is required (see: "Software version data split64")
- the PMS software accesses the source data generated at the accommodation and forwards it to NTDSC in the appropriate format and/or mapped as required by PMS IF
- NTDSC data reporting must take place independently of PMS software business processes and without hindering them.

5.2. Registering an accommodation in the NTDSC system

The next step in joining is for the party responsible for providing data to register the accommodation provider and its accommodation facilities on the NTDSC Portal interface. Once your accommodation is registered, you can click the edit (szerkesztés) button to view the registration number (and the data provision identifier) generated by the NTDSC System, which are the following:



3 *Figure – After registration, the NTDSC system assigns a unique accommodation registration number and data provision ID to the accommodation.*

NTDSC will subsequently check this unique identifier and the software identifier in messages sent by the PMS software and in the certificate issued to the accommodation.

5.3. Storing the necessary identifiers in the PMS software

NTDSC SZÁLLÁS system identifier for PMS Software – This is the unique identifier assigned to the PMS software in the NTDSC SZÁLLÁS system, which indicates the PMS software that the accommodation provider wishes to use to report data.

This identifier must be sent to the NTDSC SZÁLLÁS system in the "szoftverAzonosito" field of the messages.

NTDSC registration number of the accommodation – This identifier is used to identify the accommodation when reporting data in daily closure and event-driven messages.

This identifier must be sent to the NTDSC SZÁLLÁS system in the "szallasRegisztraciosSzam" field of the data reporting message. The same ID also has the purpose of identifying the respective accommodation in the certificate issued to the accommodation.

5.4. Certificate configuration

The PMS software uses a certificate to authenticate itself to the NTDSC system. The methods for managing certificates are explained in detail in Section 6.1. Example messages are provided among the annexes to this document.

5.5. Initiating data reporting to the NTDSC system

After completing the above configuration steps, the PMS software is now ready to contact the NTDSC system.

6. Configuration for live data transmission

6.1. Issuing a certificate

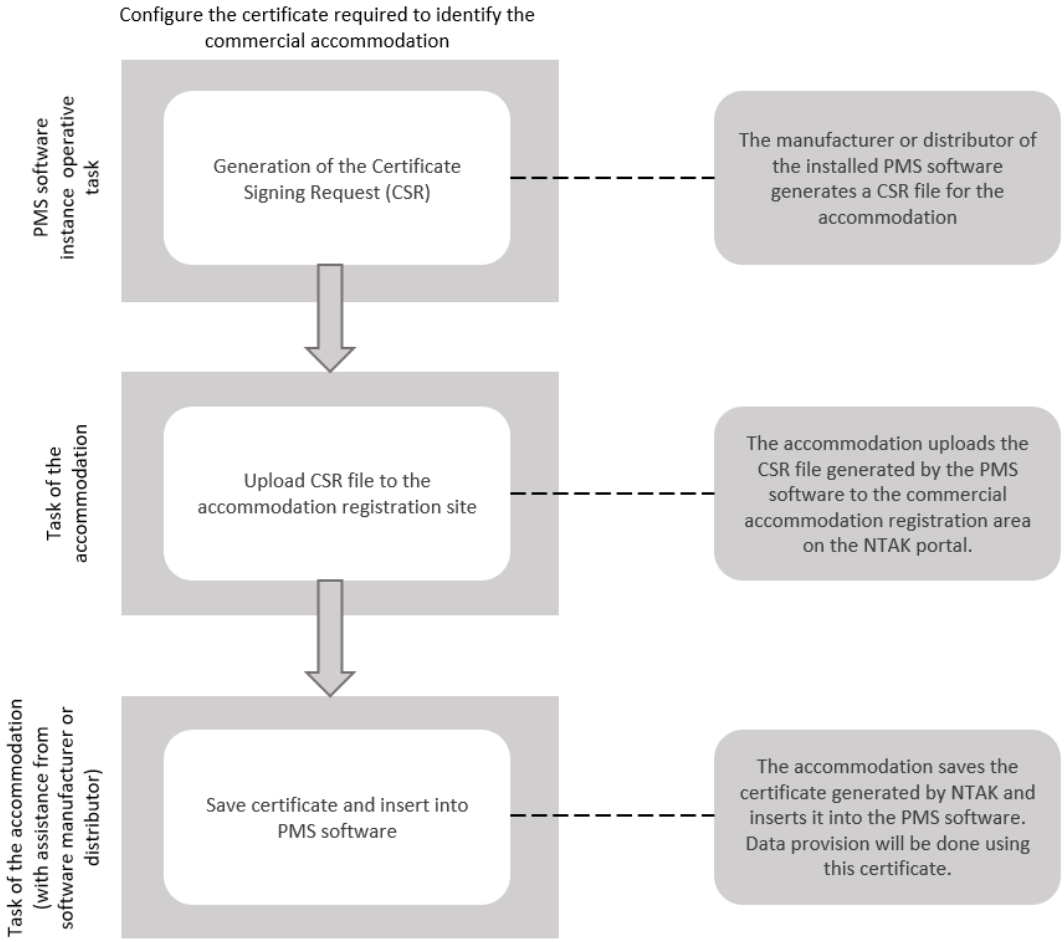
Since the NTDSC system's introduction in 2019 PMS software use a client certificate to identify themselves to the system, and add electronic signatures based on a stamp certificate to the data packets that are submitted.

From the beginning of May 2023 it is sufficient to use one certificate for the authentication and signature purposes required for data transmission The issuing process for the new universal certificates and requirements regarding the CSR files necessary for certificate creation are exactly the same as it was for the previous signature and authentication certificates

The timeline for the introduction and expiry for the different NTDSC certificates is the following:

- The accommodations could request signing and authentication certificates until 31st August 2023 with a maximum validity period of 6 months as per the previous process.
- In addition to these legacy certificates (signing and authentication) from early May 2023 the new, universal certificate type was also introduced. These universal certificates are valid for 4 years.
    - To be able to make sure that all the validation processes in the various backend components of the NTDSC system have sufficient time to run, a minor modification was introduced regarding the validation of the expiry of universal certificates. The NTDSC system considers a certificate as expired 3 days before its expiry date (i.e. the actual validity period of the new universal certificates is 4 years minus 3 days).
    - In light of the above, it is recommended that you renew your certificate in good time if your accommodation has an expiring certificate, thus avoiding the current certificate expiring before the new NTDSC certificate is provided for the PMS software.
- After 31 August 2023, it is only be possible to apply for the new, universal NTDSC certificate.

The process for issuing the new, universal certificate (which serves as both a signing and authentication certificate) is as follows:



4*Certificate management in the NTDSC system*

6.1.1. Generating CSR files

Communication between accommodation management software and the NTDSC Szállás module requires a certificate issued by the NTDSC operator for the service location and the accommodation management software used there. To obtain this certificate, the user authorised to manage the accommodation creates a certificate signing request (CSR) with the help of the PMS system or the PMS system provider. When generating CSR, the fields containing the data of the accommodation do not need to be filled, these are sent by the NTDSC system as metadata of the uploaded CSRs to a certificate generating application.

The PMS application with NTDSC System connectivity must perform the following actions in the context of managing the certificate which was issued for it:

- It may use the private key linked with its universal certificate only during data provision to the NTDSC System, and solely for the purpose of generating an electronic signature;

and for the purpose of identification within the secure communication channel; no other use is permitted (e.g. signing emails).

- Private keys whose validity has expired or those that are linked to revoked certificates may not be used to generate an electronic signature.
- The PMS application is required to provide an appropriate level of protection for its private key and activation data.
- Important: Each private key can only be used once and only one certificate can be created with it. If a certificate request is unsuccessful, a new private key pair needs to be created for a new CSR file that is necessary for requesting the certificate again.

CSR files to be generated must comply with the following requirements:

- Certificate requests are in PKCS#10 format
- Certificate requests include the public key that the PMS application generates
- Certificate requests use the SHA-256 hash generation algorithm
- Certificate requests were created using RSA 4096 key pair generation

6.1.2. Uploading a CSR file to the NTDSC portal

The accommodation uploads the prepared CSR file to the system using the commercial accommodation registration area on the NTDSC Szállás portal. Detailed information about this process is available (in Hungarian) in the user guide for the NTDSC Szállás portal at the following link info.ntak.hu/segedletek . Once the CSR has been uploaded, the NTDSC System schedules certificate generation, and provides the respective user with the certificates that are ready, **not** in real time. NTDSC notifies the provider operating the respective accommodation about the result of issuing its certificate by email, using the address specified in NTDSC. The notification email does not include the certificate. That can be downloaded from the accommodation's profile page after identification through logging in to the NTDSC Portal.

6.1.3. Saving Certificate and Inserting into the PMS Software

The accommodation downloads the completed certificate from the NTDSC portal, imports it into its PMS software, and links it to the private key associated with the certificate. In this process, it is the responsibility of the PMS software manufacturer to support users. Certificates requested and issued in this manner can be used simultaneously as both authentication and signing certificates for NTDSC data reporting.

6.1.4. Certificate revocation

A certificate must be revoked in case the private key mapped to the certificate is destroyed or falls into unauthorised hands. The authentication service only supports the full certificate revocation process, i.e. transitional suspension of certificates is not supported.

An accommodation's duly authorised representative may initiate a certificate revocation request using the NTDSC Portal UI. Since NTDSC records and lists the certificates previously issued and currently valid for a given accommodation, revocation can be initiated by selecting a specific item from the list.

An explanation must be provided for the revocation request. In providing an explanation, a pre-configured list has to be used to select the potential reason, and a free-text comment must be added to that. In technical terms, the reason selected for certificate revocation does not necessarily have to match the ReasonCode detail appearing on the CRL list or the OCSP response.

The accommodation certificate revocation request processing workflow runs asynchronously between the NTDSC System and the certification authority.

The NTDSC System displays the details of the confirmation received from the certification authority about the result of revocation to the user.

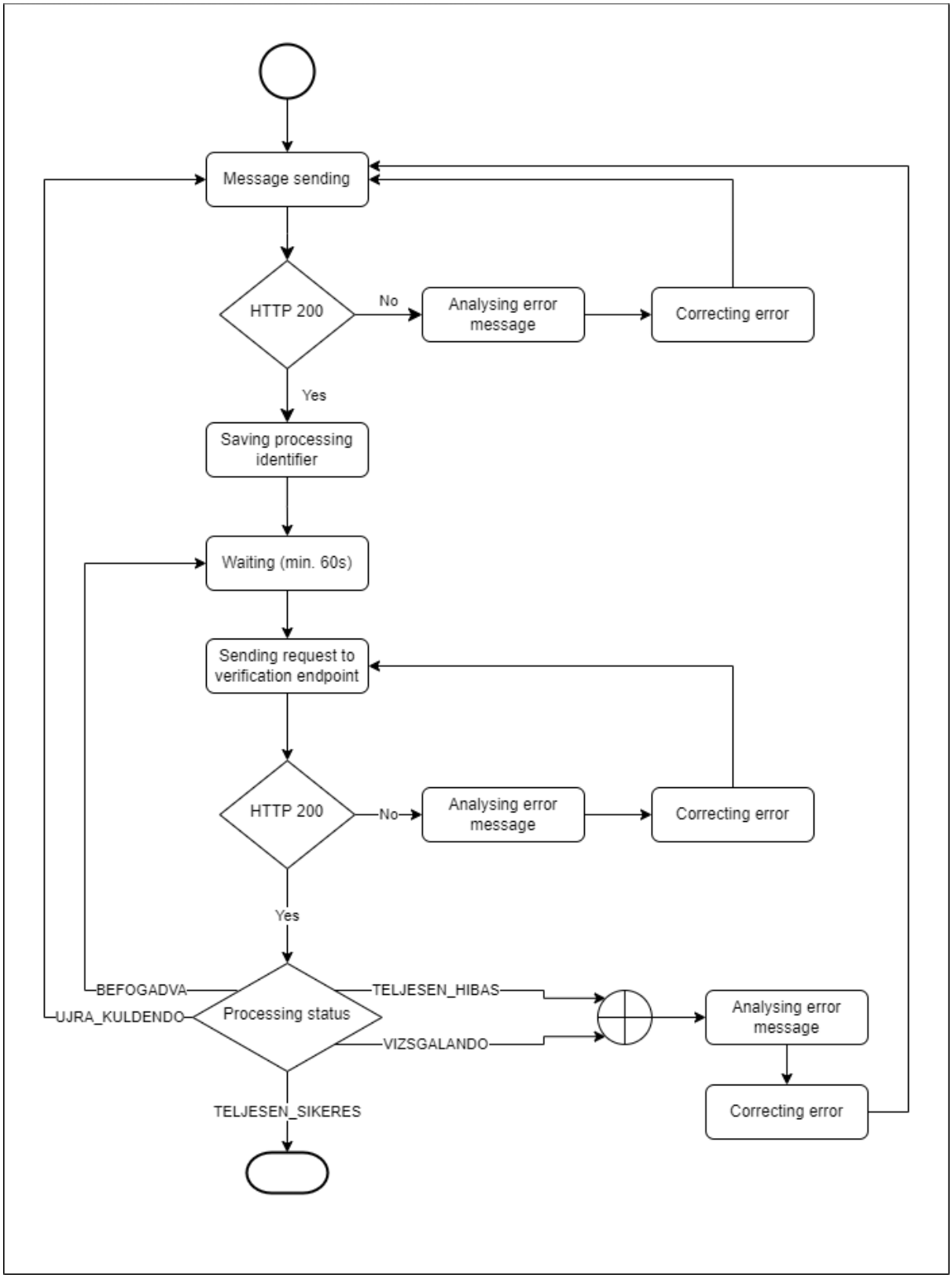
Please note that the PMS software must ensure that if a message is rejected by the firewall due to an expired or revoked certificate during an attempt to send it, it must prevent further attempts to send that message. The PMS software must also ensure that in such cases a notification is displayed transparently to users, and that the system does not automatically attempt to resend the message until the certificate's validity is restored.

7. Types of PMS messages, messaging process

7.1. Data provision process

The NTDSC system is integrated with the PMS software using HTTPS protocol, via SOAP webservice-based communication. The WSDL files assigned to the endpoints of the integration and the sample request – response xml messages can be found in **Appendices**.

Data is received at individual data submission endpoints, while data processing takes place at a common verification endpoint. Data transfer via PMSs distinguishes between four modes of communication: event-driven data transfer, daily closure data transfer, advance booking data transfer, and queryability of message processing results. The character encoding expected for messages sent is UTF-8.



Data reporting process - flowchart

Receiving endpoints:

To ensure the integrity of data submissions, the submitted data must be signed with a digital signature.

The NTDSC SZÁLLÁS system saves messages received at the receiving endpoints in a temporary storage and sends a synchronous response to the PMS software regarding the result of the reception.

For the submitted data, the NTDSC SZÁLLÁS system first performs a syntactic check on the data sent in the SOAP body. It will examine whether the request contains all mandatory data. If there is a problem with these, it returns an error code and error message in a synchronous error response (these are described in the section "Error codes on the PMS interface"), and also returns any suspicious items identified during synchronous processing as a warning in the message, in a similar structure, and does not start processing the submitted data.

If the certificate and digital signature are valid, the application will respond to the submitted request with a 200 OK response and a processing identifier. If the system identifies suspicious items in the message during synchronous validation, it attaches them to the message as a warning in the above error code and error message structure. This means that the NTDSC SZÁLLÁS system has accepted the request for processing, in which case the processing status will be BEFOGADVA. **Accepting a message does not mean that the message has been successfully processed.** The sending system can use the processing identifier to query the status of the submitted data.

Handling server-side errors

In the event that a server-side error occurs in the NTDSC system during the processing of an incoming message, and the receipt of the respective message is thus unsuccessful, the NTDSC system will send a response with the appropriate error code and error message pair (see: "Error codes on the PMS interface" subchapter) informing the sending system in the response to the request. In this case, the property management software must reattempt data transmission.

In case a server-side error occurs, resending the given message will need to be attempted three times, with increasing delays between each attempt: Time intervals of 1 minute, 10 minutes and 60 minutes must be observed between the attempts. Where a server-side error message is received in reply to the message even after it has been resent three times, attempts will need to be discontinued in order to prevent infinite transmission loops. The resending of the messages must be re-initiated once the problem causing the error has been eliminated (i.e. after the support ticket is closed).

Verification endpoint:

Received messages are processed asynchronously in the NTDSC SZÁLLÁS system. The current result of the processing of the submitted data can be requested via the verification endpoint. The PMS software can be notified of the processing results by periodic queries sent to the verification endpoint. The **processing identifier** received upon submission must also be attached to the query. The status of more than one submission (processing identifier) can be queried through the verification endpoint at one time.

The NTDSC SZÁLLÁS system sends detailed validation results to the requesting party in the verification endpoint response, which includes the following elements:

- List of items containing errors,
- with detailed validation results for each incorrect component;
- the status of the message sent.

If the message has not yet been processed, its status will be BEFOGADVA. At this point, the processing result is not yet available at the verification endpoint; it can only be obtained by a subsequent, repeated query.

After acceptance, requests are further processed in the NTDSC SZÁLLÁS system. If the system finds errors, it aggregates them in the appropriate error list based on their severity. During the error handling process, we distinguish between two categories: 'error' and 'warning' types, into which the system classifies the detected problems.

- A warning will be issued in accordance with data compliance rules after processing items that are suspicious, i.e. presumed to contain incorrect content, but are still within the tolerance limit.
- A value that clearly does not meet the data quality requirements discussed in the document is considered an error.

The complete list of warnings returned during final processing also includes suspicious items previously identified during synchronous validation.

If the request contains only correctly submitted data, the message status will be TELJESEN_SIKERES. In this case, according to the data compliance rules, the two lists containing incorrect items will be empty (items submitted in the required data quality will not be listed separately in the response message, as the sender has no further action to take).

Submitted messages are categorised based on the quality of their data content, errors and items requiring review, and are assigned a status accordingly:

- If the response to the submitted message contains only warnings, the message status will be set to VIZSGALANDO. In this case, it is the sender's responsibility to examine each item identified as potentially incorrect and, if necessary, to correct any errors found. Corrections to items requiring correction can be sent to NTDSC by resending the entire message; partial message corrections are not possible.
- Messages that contain errors, i.e. where the 'error list' in the response message is not empty, are given the status TELJESEN_HIBAS. Responses to TELJESEN_HIBAS messages contain information on the data to be corrected. Each element identified as an error in these messages must be corrected, and the entire message must be resent by the sending system. If, in addition to the error list, items are also returned in the warning list, these must also be examined and any items that prove to be incorrect must be corrected.

In the event that the system is only able to partially process the message despite receiving it, because processing is interrupted due to a network failure, NTDSC will give message the UJRA_KULDENDO status. Thus, the sending system must resend the exact same message without any changes. However, due to partial processing, if the message is resent in unchanged form, NTDSC will return a duplicate message error (EgyedisegKorlatozas) to the sending system. In this case, please resend the message with the same content and marked as a modified message version.

The message processing process may be interrupted in NTDSC's associated systems. In this case, NTDSC also marks the message with the status UJRA_KULDENDO and, at the same time, returns an error code (FeldolgozasHiba) and error message informing the sending system of the processing error in its response to the status query. In this case, please resend the message with the same content and marked as a modified message version.

7.2. Managing Message Identifiers on the PMS Interface

The PMS interface uses message IDs to track messages between PMS software and the NTDSC System.

Message IDs generated by the PMS software

In the case where communication is initiated by PMS software, it will be bound to send an ID generated in UUID format to permit the identification of the message it is sending.

PMS software will need to generate a message ID for the following message types:

- Event-driven messages
- Advance-booking endpoint request message
- Daily closure endpoint request message

Message IDs generated by the NTDSC System

- Processing identifier for querying the Verification endpoint

7.3. Daily closure data transmission

At the v8 endpoint, after sending a query for the scheduling endpoint the PMS software received information about sending daily closure messages, i.e., in what time interval and for what transaction date the PMS system must provide data. In order to significantly simplify the messaging process, the scheduling endpoint will be removed.

7.3.1. Daily Closure Endpoint

The PMS software sends detailed statistical data for the closed day to the NTDSC system's daily closure endpoint. Daily closure data transmission is a technological solution that logically comprises two data sets: on the one hand, data transmission related to the accommodation provider activities of accommodation establishments, which must be performed on a daily basis, and on the other hand, revenues arising from non-accommodation provider activities, which had to be submitted to the v8 endpoint of the interface on a monthly basis, by the 4th of the month for the previous month. After the interface version upgrade, this data must be submitted on a daily basis.

The NTDSC SZÁLLÁS system expected the data reporting to commence technically from the date of the first scheduling request at the previous (v8) endpoint. This logic has been modified as follows: the time limits for data reporting are determined by the date of commencement of accommodation services (date of operating licence) and the NTDSC registration of the accommodation, taking into account the 15-month retroactive data reporting limit.

The accommodation operator shall record the start date of the service on the NTDSC Portal interface, in the Szállás module during registration or subsequently after the operating licence has been issued.

- In other words, if the date of issue of the operating licence precedes the NTDSC registration, data reporting is mandatory from the date of NTDSC registration. However, this does not restrict the submission of data for the period prior to registration, going back to the date of the operating licence (but no further back than the 15-month retroactive data submission limit).
- If the date of commencement of the accommodation service is later than the date of registration in the NTDSC, data reporting is mandatory from the date of commencement of the service. However, this does not preclude the possibility of providing data for the period prior to the date of NTDSC registration, but only up to a maximum of 15 months from the current date.
- Special case: If the date of commencement of the accommodation service is unknown, the date of NTDSC registration remains the start date of mandatory data reporting. Missing daily closures can be submitted retroactively for up to 15 months from the current date, provided that registration took place before this period.
- Correcting daily closure messages: The NTDSC SZÁLLÁS system accepts corrected versions of previously submitted daily closure messages for up to 15 months prior to the current date.

At the v9 endpoint of the PMS interface, it is possible to make retrospective corrections to days that have already been closed. The message must indicate whether the current message version is the first submission for the tranaction date or a revised version thereof. In the event of a correction, the entire daily closure must be sent with the correct content. The data correction must be recorded and justified, and the record ID and reason for modification must be submitted as part of the message in the fields dedicated for this purpose. The NTDSC system sorts message versions based on their arrival time, so the latest message version sent represents the most recent version for a given daily closure. Incorrect daily closures can be corrected retroactively for up to 15 months from the date in question.

The batch submission of daily closures will be discontinued, i.e. it will no longer be possible to send daily closures for multiple transaction dates in a single message. A separate daily closure message must be sent for each transaction date.

7.3.2. Using the Daily Closure Endpoint for Submitting Revenue from Non-Accommodation Services

The daily closure endpoint, described in this section, must be used for submitting revenues from non-accommodation services. This type of revenue, like other revenue sources, must be

sent in the daily closure message in the "EgyebKoltesek" and "EgyebTerhelesek" message units.

In order to ensure that revenues from non-accommodation services can be combined with the catering revenue data provided on the RMS interface and the revenue data from tourist attraction visits submitted on the TSS interface, these items need to be further broken down into NTDSC main and subcategories at the PMS interface v9 endpoint.

- Details of the breakdown of charge items can be found in the appendix to this document titled "NTDSC main and subcategories".

The NTDSC System will aggregate other revenue applicable to any given month on a monthly basis (treating Other Spending and Other Charges separately). In previous interface versions, it was possible to submit or correct with negative values for the EgyebKoltesek and EgyebTerhelesek types in NapiFeltoltes in any daily closure within a given month.

- Accommodation providers are required to submit this data on a daily basis to the NTDSC SZÁLLÁS system.
- Items can be corrected by amending the factual data and resending the modified daily closure messages. NTDSC does not accept negative values.

7.3.3. Availability of data reporting dates for accommodation providers

To support the planning of retrospective data reporting, the start date for data reporting required from the accommodation establishment(s) served will be returned to PMSs in a queryable format. Characteristics of the data request:

- A dedicated callable endpoint is available for PMSs.
- Method of identifying PMS: this must be done with a certificate issued for a given accommodation for data provision.
- Data transfer is performed asynchronously.
- The same error handling is implemented on this dedicated endpoint as on the other v9 endpoints of the NTDSC PMS interface.
- Note: Warnings are not used at this endpoint; the list of warnings is empty in the message structure.
- The PMS software can request information about one specific accommodation in one message.
- Data can be retrieved for a period of 15 months prior to the current day (by default, in parallel with the retrospective daily closure data correction period).

- In addition to the identification data, the request message must contain the queried time interval. By default, data can be queried in a message for a 31-day interval.

7.3.3.1. Data reporting process at the data request endpoint:

- PMS software sends a request to the endpoint available in NTDSC.
  - **In the event of synchronous errors** (e.g. unsuccessful identification, syntactic error, period defined with incorrect values), the message is immediately discarded.
  - In its response, NTDSC returns the error key and the relevant error message (after the first synchronous error is identified, there is no point in continuing with further checks).
- The PMS software can query information about aone specific accommodation in one request message.
  - If the request message complies with the syntactic and content requirements and the PMS identification is successful, NTDSC returns the processing identifier along with 200OK, which the sending system can use to query the endpoint that verifies the start date of data provision.
  - The expected behaviour on the part of the sending system also applies at this endpoint: It is advisable NOT to initiate a verification query for the processing result immediately after submission, so that the receiving system can first process and compile the data for the period under review for all accommodation facilities included in the request. However, it is advisable to perform a verification query within 1 hour of submission and repeat it every 5 minutes for a maximum of 24 hours if no response is received. If no response is received from NTDSC within this interval based on the specified processing identifier, the endpoint call must be repeated with the same parameter, and a new processing identifier will be assigned, which can be used to perform the repeated query at the verification endpoint.
  - In the event that the processing identifier sent in the status request is incorrect, NTDSC returns the appropriate error code and error message in the synchronous response message, on the basis of which it is necessary to query the endpoint again, sending the correct identifier.
- **Synchronous validation relating to certificates:**
  - In the request, the PMS provides the NTDSC registration number of the accommodation, for which it expects information from NTDSC.

        - this is compared with the accommodation's registration number in the certificate
        - in case of an error, the request will be rejected.
    - The PMS software's NTDSC ID must be included in the request message.
        - this identifier is compared with the NTDSC identifier that must be included in the certificate
        - in case of an error, the request will be rejected.
- **Asynchronous validations:**
    - The PMS software must be found in active status in the registration database of the SZÁLLÁS system.
        - otherwise, the request message will be rejected
    - The accommodation specified in the request (/NTDSC registration number) must have an active status in the accommodation system's registration database.
        - if the registration number of an accommodation entered cannot be found in the database or is in a deleted status at the time of the query, an error message will be returned to the sending system for the accommodation in question

- **Positive case:** At the verification endpoint, in the response message to the query with the processing identifier, NTDSC returns the required start date of the data reporting from the accommodation establishment concerned, from which date the data must be sent to NTDSC.
        - for details on the basis for calculating the date, see the previous section (7.3.1).
    - **Message status management**: NTDSC provides feedback on the successful receipt and processing of the request message, which may be as follows, based on the logic applied at the PMS interface v9 endpoint:
        - BEFOGADVA - the request message is acceptable and has been accepted
        - TELJESEN_HIBAS - an error was identified in the request message during asynchronous validation
        - TELJESEN_SIKERES - there was no error in the request message
        - VIZSGALANDO - the field value will never take on this status, because warnings are not interpreted at this endpoint.
        - UJRA_KULDENDO - NTDSC will not handle this status at this endpoint, but the expected behaviour from the sending system is that if it does not receive a response to the request within 24 hours, it should repeat the request.

7.3.3.2. Message structure:

Request message:

The PMS sends a request to the endpoint that verifies the start date of data reporting. The content of the request message corresponds to the content of the so-called "header" data of messages to be sent to other v9 data receiving endpoints of the PMS interface.

Field name	XML
Message details	UuzenetAdatok
message ID	UuzenetAdatok.uzenetId
time of message sending	UuzenetAdatok.uzenetKuldesIdeje
Sending system details	szoftverAdatok
software version	szoftverAdatok.szoftverVerzio
software identifier	szoftverAdatok.szoftverAzonosito
Service provider data	szallashely
accommodation's registration number	szallashely.szallasRegisztraciosSzam
accommodation provider tax number	szallashely. szallashelySzolgaltatoAdoszam

Synchronous Response Message - In case of error:

Synchronous response message to the PMS request. Its content is identical to the message returned in the event of an unacceptable request sent to the PMS interface v9 data reception endpoint.

Field name			XML
List of errors			hibaLista
	Error		
		Field name	mezoNeve
		Value sent	kuldottErtek
		Error key	hibaKulcs
		Error message	hibaUzenet

Synchronous response message - OK request:

Synchronous response message to the PMS request. Its content is identical to the response message sent to the PMS interface v9 data receiving endpoint in response to a valid verification request.

Field name	XML
NTDSC system unique processing identifier	feldolgozasAzonosito

Verification request:

The PMS sends the request to the endpoint that verifies message processing. The verification request message corresponds to the content of the verification request message to be sent to the PMS interface v9 data reception endpoint.

Field name			XML
Header (see "Structure of message header")			
	processing identifiers		ellenorzesRequest.feldolgozasAzonositok
		NTDSC system unique processing identifier	feldolgozasAzonositok.feldolgozasAzonosito

Verification request - sync error - response message:

Synchronous response message to PMS verification request message. Its content is identical to the message returned in the event of an unacceptable request sent to the PMS interface v9 data reception endpoint.

Field name			XML
List of errors			hibaLista
	Error		hiba
		Field name	mezoNeve
		Value sent	kuldottErtek
		Error key	hibaKulcs
		Error message	hibaUzenet

Verification request - async error - response message:

Asynchronous response message to the PMS verification request message. Its content is identical to the message returned in response to an acceptable verification request sent to the PMS interface v9 data reception endpoint. Warnings are not in use at this endpoint; the warning list is returned empty.

Field name			XML
NTDSC system unique processing identifiers			uzenetValasz

	NTDSC system unique processing identifier					feldolgozasAzonosito
		Status				statusz
			List of errors			hibaLista
				Error		hiba
					Field name	mezoNeve
					Value sent	kuldottErtek
					Error key	hibaKulcs
					Error message	hibaUzenet

In case of an OK verification request:

In addition to the processing ID, the expected start date for the accommodation's data reporting will be returned.

Field name		XML
NTDSC system unique processing identifier		feldolgozasAzonosito
	expected start date for providing accommodation data	elvartAdatszolgaltatasKezdoDatuma

7.3.3.3. Field specification:

Request Message:

Message details

Field	**uzenetAdatok**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	-

Message ID

Field	**uzenetId**
Mandatory field	yes
Type	UUID
Size	36
Value set	"[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}"
Information	The message identifier generated by the sending PMS system.
Note	-

Time of message sending

Field	**uzenetKuldesIdeje**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2024-02-28T02:36:00Z
Information	The time when the message was sent. Specified by the sender.
Note	-

Sending system details

Field	**szoftverAdatok**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	-

Software version

Field	**szoftverVerzio**
Mandatory field	yes
Type	string
Size	10
Value set	any text
Information	The current version number of the software.
Note	-

Software ID

Field	**szoftverAzonosito**
Mandatory field	yes
Type	string
Size	15
Value set	This data is generated when the software receives NTDSC certification (English letters and numbers)
Information	It contains the software ID assigned during the NTDSC registration of the software. E.g.: <samplepms999>
Note	The message must be signed with the certificate selected by the accommodation provider on the NTDSC Szállás Portal interface. The NTDSC registration number of the accommodation (szallasRegisztraciosSzam field) and the PMS software registered at the accommodation (szoftverAzonosito field) are checked for consistency in the message body and in the certificate.

Error messages:

Validation	Error key

mandatory	This is considered a schema error!
PMS software must be included among the validated systems.	NemTalalhatoPms
The specified PMS software is not registered for the service location.	ElteroKuldorendszer

Accommodation provider details

Field	**szallashely**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	-

Service provider's tax number

Field	**szallashelySzolgaltatoAdoszam**
Mandatory field	yes
Type	string
Size	13
Value set	"[0-9]{8}-[0-9]-[0-9]{2}"
Information	Tax number of the accommodation service provider.
Note	-

Accommodation's NTDSC registration number

Field	**szallasRegisztraciosSzam**
Mandatory field	yes
Type	string
Size	10
Value set	"[A-Z][A-Z][0-9]{8}"
Information	Field for identifying the accommodation for NTDSC system. Its value is available in the "NTAK Regisztrációs Szám" field when editing an accommodation registered in the NTDSC system.
Note	The message must be signed with the certificate selected by the accommodation provider on the NTDSC Szállás Portal interface. The NTDSC registration number of the accommodation (szallashely RegisztraciosSzam field) and the PMS software registered at the accommodation (szoftverAzonosito field) are checked for consistency in the message body and in the certificate as well.

Error messages:

Validation	Error key
mandatory	This is considered a schema error!
Service location does not exist	NemTalalhatoSzolgaltatasiHely

The CN value of the certificate and the accommodation registration number sent in the body do not match.	ElteresCnAdatok

Verification request message:

Note: for corresponding fields, see above.

Processing identifier

Field	**feldolgozasAzonosito**
Mandatory field	yes
Type	UUID
Size	36
Value set	-
Information	The response message received at the endpoint callable for the expected data reporting start date for the accommodation establishments contains the unique processing identifier generated by NTDSC.
Note	

Error messages:

Validation	Error key
valid identifier (synchronous)	NemTalalhato

7.3.3.4. Error codes:

Error key	Error message (Hungarian)	Error message
TanusitvanyTipusHiba	Tanúsítvány típusa nem megfelelő!	Certificate type is not valid!
ElteresCNadatok	A tanúsítvány CN és a body-ban küldött PMS szoftver azonosítója (szoftverAzonosito) nem egyezik!	The CN value in the certificate and the PMS software ID (szoftverAzonosito) sent in the body do not match!
HianyzoAlairas	A kérésben üres a digitális aláírás!	No digital signature in request!
HibasAlgoritmus	A kérés nem engedélyezett signature algoritmust használt.	The request used an unauthorised signature algorithm.

NemTalalhatoPms	Nem található ilyen PMS rendszer azonosító az NTAK-ban!	PMS system identifier does not exist in NTDSC!
TipusElteres	A mező értéke nem felel meg a formai követelményeknek!	The value of the field does not meet the formal requirements!
NemTalalhatoSzolgaltatasiHely	Szolgáltatási hely nem található az adatbázisban!	Service location does not exist in NTDSC!
ElteroKuldorendszer	Hiba a küldő rendszer adatokban!	Error in sending system data!
NemTalalhato	A feldolgozásazonosító nem található az adatbázisban!	The processing ID cannot be found in the database!

7.4. Event-driven data transmission

Event-driven data transmission involves a real-time, event-driven process. If a specific event occurs in the PMS software in the context of a given accommodation, the PMS software sends a message to the NTDSC SZÁLLÁS system in real time, describing the event based on the content of the WSDL file.

1.) In the event of a **check-in**, **check-out** or **room change** at the accommodation using the PMS software, it should send a message to the event-driven data transmission endpoint of the NTDSC system with the content described by the WSDL. These are handled in the following elements:
   a. Arriving guests: ErkezettType
   b. Departing guests: TavozottType
   c. Accommodation unit changes: LakoegysegCserekType

Event descriptions in the message:

- **Check in:** Every check-in event must be submitted to the NTDSC System in the event-driven endpoint's "erkezett" (arrived) field. Where a check-in message sent to the NTDSC System was incorrect, it needs to be corrected with a check-out message.
- **Check out:** Every check-out event must be submitted to the NTDSC System in the event-driven endpoint's "tavozott" (departed) field. Where a check-out message sent to the NTDSC System was incorrect, it needs to be corrected with a check-in message.

- **Room Change**: The list of room changes must be reported in the lakoegysegetCserelt field, and each room change must include an elhagyottLakoegyseg field and an elfoglaltLakoegyseg field, as well as a vendegek field containing the details of guests moving from one room to another. If a room change message sent to the NTDSC System was incorrect, it needs to be corrected with another room change message with the opposite content.

The (encrypted) guest ID generated using guests' personal data has to be submitted as part of the event-driven data transmission. The guest ID must therefore be generated, and the event-driven messages thus transmitted when the details required to generate the guest ID are fully available in the system.

Correction of any syntactic errors identified during synchronous message validation is required in all cases. Following successful acceptance, requests are further processed in the NTDSC SZÁLLÁS system. If the system finds errors, it aggregates them in the appropriate error list based on their severity. Content corrections are also expected in the raw data, but it is sufficient to make these corrections based on feedback regarding the content of the daily closure messages, in addition to correcting and resending the daily closure message. In the case of modified guest and accommodation unit data, the original event must be automatically cancelled (by submitting a counter-event) and resubmitted with the corrected data within one day. Data correction and message resending beyond the daily limit is only expected if an incorrect event was recorded.

7.5. Advance-booking data transmission

Like other communication modes, advance-booking data transmission is implemented using the SOAP endpoint. There are two ways to send advance-booking data:

1.) Sending existing reservations

After connecting to the NTDSC SZÁLLÁS system, the PMS software must send all reservations with **future arrival dates** recorded in the database. At the time of the first submission of advance bookings, it is not necessary to submit booking data with past arrival dates, as these will not be accepted by the NTDSC system. At least **5 seconds** of

waiting time must be allowed between the submission of individual messages. The NTDSC System will send a synchronous response for the incoming requests. If the booking data are not accepted by the NTDSC system, due to reasons other than XML validation, these messages must be moved to the end of the message sending queue and must be re-attempted with a delay of 5 seconds like the correctly submitted messages. If the message does not reach the NTDSC system, for instance, due to network overload, sending must be re-attempted as long as the message does not reach the NTDSC system.

2.) Real-time data transmission

After connecting to the NTDSC System, the PMS software will need to transmit all of the bookings that will have been registered or modified in the system. The NTDSC System will send synchronous responses when the various bookings are sent. If the booking data are not accepted by the NTDSC system, sending must be re-attempted with delays of increasing length. Time intervals of 1 minute, 10 minutes and 60 minutes must be observed between the attempts.

The NTDSC System identifies transmitted bookings on the basis of the identifier (foglalasiSzam) assigned to the respective booking. If a PMS software transmits two bookings with the same booking ID, the NTDSC System will consider the sent reservation events to be two distinct versions of the same booking. The NTDSC System will sort the various booking versions based on the event creation (esemenyLetrejotte) date field, i.e. the event created latest will entail the most up-to-date version for the given reservation. Modifying the booking also allows cancelling the reservation (Lemondva).

Details of the fields for submitting booking data are explained in the section "Booking event request elements".

7.6. Verification endpoint

For each message sent to the above three data communication endpoints, the calling party receives a unique processing identifier in a synchronous response from the NTDSC SZÁLLÁS system, and, as a warning, the system also returns any items deemed suspicious during synchronous validation at this point, along with the relevant error code and error message, in the list of warnings. This identifier will be used later to retrieve the result of data processing for that particular message.

It is advisable NOT to initiate a verification query for the processing result of the messages sent immediately after sending them, so that the receiving system can process the messages first. However, it is advisable to perform the verification query within 24 hours of submission, and the query must be sent within 1 month of submission at the latest, as the processing information will no longer be available after that.

Multiple processing identifiers can be sent to the verification endpoint in a single request.

The response will contain feedback on the results of data processing, broken down by processing identifier and, within that, categorised according to the severity of the errors, into items that are presumed to be incorrect or clearly incorrect. In the case of incorrect or suspicious data items, the error will be returned indicating which field caused the error during processing, what value was sent, and an error code and the associated error message will be returned.

If the data sender receives a response from the verification endpoint that contains warnings or errors, it is necessary to investigate them, correct the error, and resend the data. The sending system is responsible for correcting and resending incorrect items.

In the event that the processing identifier(s) sent in the status request are incorrect, NTDSC will return the appropriate error code and error message in the response message, on the basis of which it is necessary to query the endpoint again, sending the correct identifier.

7.7. Acceptable frequency of messages sent, limits that incur restrictive measures

The aim of this chapter is to define the acceptable frequency of messages sent to the interface in line with current practices, as well as define the restrictive measures that can be implemented in case these message limits are exceeded.

Messages to send to NTDSC

- Daily closure messages: all daily closure messages based on the opening times of the accommodation.
- Event-driven messages: all relevant events that are not older than 1 year and were not sent to NTDSC yet.

- Advance-booking messages: bookings with a future check-out date that were modified, or bookings with a future check-in date that are new, or were modified since they were first sent to NTDSC.

Limits that incur restrictive measures, description of restrictive measures

Number of messages/accommodation/hour:

- accommodation is notified at > 1,000 messages/hour
- data transmission from accommodation is suspended at > 2,000 messages/hour
- certificate of accommodation is revoked at > 5,000 messages/hour

The maximum number of messages that may be sent to the interface within 1 hour is 1,000. If this limit is exceeded, the accommodation will receive a warning at first. In case the frequency of messages sent persists, 24 hours after this warning the accommodation's data transmission will be suspended and after an additional 24 hours, their certificate will be revoked. If the number of messages sent by one accommodation exceeds 2,000 per hour, their data transmission will immediately be suspended (relevant error code: "AdatszolgaltatasTiltva" (for details, see section "Error codes on the PMS interface"). If this number exceeds 5,000 per hour from one accommodation, their certificate will be revoked immediately (regardless of the messages being successfully processed or receiving an error response) because this amount of requests may create a risk that can negatively affect the NTDSC system's operations.

Only those messages may be resent that have received a response with a corresponding error code, i.e. which were already processed by the NTDSC system.

8. Recommendations

Visit Hungary has formulated the following recommendations in order to improve the quality of data sent in daily data reports. The integration of recommendations into the PMS software is optional, but the implementation of individual recommendations may become mandatory in later versions of the PMS interface.

It is important to note that in the event of non-compliance with the data compliance rules specified in the document regarding data transmission, NTDSC's operator may request the software developer responsible for the incorrect data transmission to undergo a new NTDSC validation of the PMS software in order to improve the quality of data reporting.

Furthermore, NTDSC's operator may impose restrictive measures by revoking the certificate and removing the PMS from the list of eligible software if the software developer fails to correct errors in the software configuration after receiving multiple requests to do so.

Visit Hungary regularly reviews the quality of data reporting, and if incorrect data is discovered and not corrected, the certificate may also be revoked.

In the event of revocation of the certificate, users of the software will be notified of the non-compliance of the software.

8.1. Guest data

8.1.1. Sender country unknown

In some cases, when making reservations, the country of origin of guests is unknown, so the accommodation cannot record it in its own system. In such cases, Visit Hungary recommends that the guest be registered as an unknown foreign guest. Currently, the PMS interface allows to record the sending country as 'EGYEBKULFOLDI'.

8.1.2. Guest's age

In some cases, an extreme value may be entered for the guest's age, and the accommodation will send this data to NTDSC. We recommend that the PMS software filter age uniformly, i.e. prevent guests over the age of 110 from being entered into the system. Above a certain age, it is advisable to send a warning to the user, e.g. above 100 years of age, to ensure that the guest is indeed over 100 years old.

The above cases are also validated on the PMS interface.

For guests aged between 0 and 1, we recommend entering their age as 0.

8.1.3. The guest’s sex.

In some cases, only guests of the same sex may be staying at a particular accommodation. This scenario cannot be completely ruled out, but we recommend that if the PMS provider notices that the ratio of guest sexes is significantly skewed over a period of time (within a single day: 90% – 10% or worse ratio at the expense of either sex), then warn the software user that the ratio is significantly different.

8.2. Handling VAT values in accordance with legislation

We recommend that VAT changes be managed at the PMS software level, i.e. it is advisable to prevent accommodation providers from editing or modifying VAT rates on their own authority.

8.3. Implementation of daily closure checklist

We recommend that the accommodation provider should be given the option to perform a trial daily closure before the actual daily closure, which allows them to identify any incorrectly recorded data (e.g. extreme accommodation fees) and correct them before the actual daily closure. The checklist should primarily display the data to be submitted to NTDSC to avoid incorrect daily closure data.

8.4. Handling of accommodation fees

The accommodation fee submitted to NTDSC must only include the actual accommodation fee. In many cases, the price of breakfast (or other services/products) is included in the accommodation fee and is sent to the NTDSC together with the accommodation fee. Items not related to accommodation fees should be submitted separately, i.e. even in the case of services sold as a package, it is necessary to separate accommodation fees from other revenue items.

9. Formal requirements

9.1. General formal requirements

9.1.1. Encrypting personal data

The personally identifiable information of guests is encrypted in such a way as to make it possible to connect the person-related datasets of a particular accommodation, but still making it impossible to decrypt the individual's personally identifiable information.

To achieve this, we use a cryptographic hash function, BCrypt with a *salt* (which must remain constant regardless of circumstances) chosen by the accommodation, one which is only known to the system of the accommodation. Because collating the guest's personal data readily results in a character string that exceeds a length of 72 characters, and the BCrypt function is subject to a 72-character limit regarding its input (most of its implementations can deal with much longer strings, with only the first 72 characters taken into account), the BCrypt function is not applied directly to concatenated personal data. Instead, the SHA-256 hash function is applied to concatenated personal data first (it is not subject to such a limit), and the BCrypt function is then applied to the 64-character long string thus generated.

The last 31 characters of the sequence generated by BCrypt are the actual hash value, while the first 29 characters contain the applied algorithm, its other parameters, and the salt, and therefore should be discarded (the salt applied by the accommodation must not leave the accommodation's system). When receiving data, the NTDSC system appends a unique identifier (GUID) to the Bcrypt hash value encrypted by the PMS software, then applies the function again on the resulting value, using a different constant salt value in the NTDSC system, and finally takes the last 31 characters. This is then stored in the NTDSC database.

The guest IDs described above must be generated when the details required to do so (i.e. the guests' personal data) are fully available in the system.

9.1.1.1. Example for encrypting personal data:

The example below was created using UTF-8 encoding, and results will not correspond with those shown here if other encoding formats are used.

Let us assume that a guest has the following personally identifiable information: Name: dr. Edit Teszt

Birth name: Edit Teszt

Place and date of birth: Budapest

Date of birth: 12/07/1979

With the following applied salt values:

Unique, accommodation-generated and applied salt value example:

zDaBMMumxc/1rLNjHHg55O

In this case, the SHA-256 function is applied to the following character sequence:

dr. Teszt Edit Budapest 1979.07.12.

The resulting SHA-256 hash value is:

705567bdb3fe4ad7aea1bff6c13e10d436648ed5aa8bf754e764b5698a29c730

Next, the Bcrypt function is applied to the calculated SHA-256 hash value, using the accommodation's salt:

$2a$10$zDaBMMumxc/1rLNjHHg55O473/rnEtql5aigjoPG33qz1uARVImcW

We then take the last 31 characters of the resulting sequence, which will be the value actually sent by the PMS software:

473/rnEtql5aigjoPG33qz1uARVImcW

The character string resulting from the transformation described above must be entered in each guest's **vendegId** field.

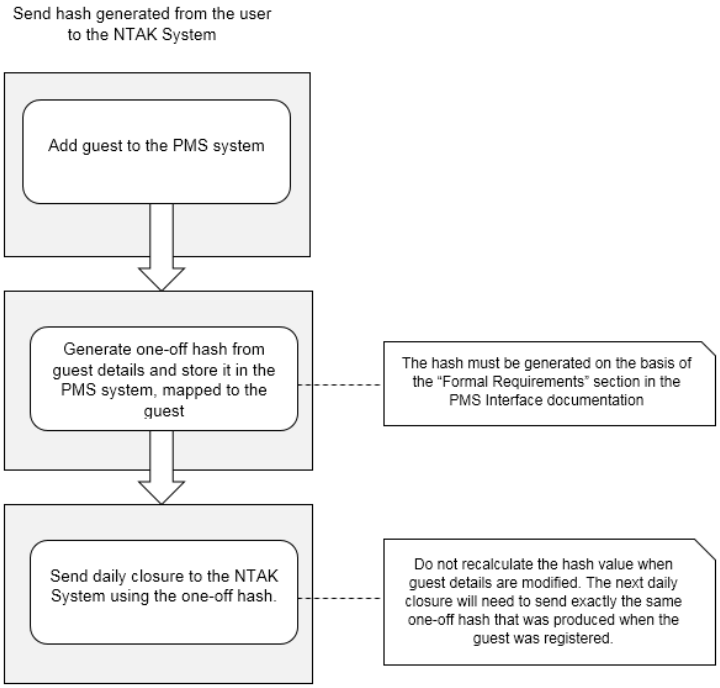
9.1.2. Bulk Entry of Guest Details

It is possible that so many guest arrive at a commercial accommodation establishment that the recording of their details needs to be processed subsequently. From the perspective of the NTDSC System, in this case it will be important to send authentic guest details for guests whose arrival will already have been registered with that evening's daily closure. The pre-set/default guest data must be overwritten with the data scanned from the guest's document. This functionality will be verified during the assessment and validation testing of the PMS software's connection request to NTDSC.

9.1.3. Change in the guest's personal data

The NTDSC System identifies each guest using a hash generated from their respective personal data. In case that hash value changes (e.g. due to correcting a typo in the personal data), the NTDSC Portal would incorrectly consider the new hash value as a new guest.

In order to avoid that operation, the PMS software needs to generate the hash **from the personal identification data linked to the respective guest and sent during the first daily closure**, and store it for the particular guest. During daily closure or event-driven data submission, that will be the hash which needs to be sent to the NTDSC System, even if the user's personal data will have been changed in the meantime.



5Hash generation from guest data

9.1.4. Formal validation of postal codes

The formal requirements for the postal codes of prominent sending countries are described in the appendix "Formal requirements for the postal codes of prominent sending countries. Compliance with the defined regular expressions is checked on the PMS interface. (Note: dummy values such as "9999" or "1234" are filtered out in countries where these are not valid

values.) In the event of an error, the NTDSC SZÁLLÁS system will send feedback to the sending system with the appropriate error code and error message pair.

9.1.5. Filtering extreme revenue/charge data on the PMS side

Our goal is to prevent the transmission of clearly inaccurate revenue and charge data to NTDSC. The following value validation rules apply to both revenue from accommodation services and revenue from non-accommodation services, i.e. to the turnover data in

- accommodation unit nights
- check-out date sales
- post-departure spendings/charges
- other spendings/charges

message blocks.

9.1.5.1. Primary extreme value limits

The NTDSC SZÁLLÁS system applies the extreme value checks listed in the appendix "Primary and secondary extreme value limits". NTDSC accepts messages containing values exceeding the primary limits and warns about suspicious items in a response message.

In such cases, it is advisable to only warn the user about the possible recording of extreme values at the moment of recording. We do not recommend blocking data entry when the primary extreme value is exceeded, as there may be cases that justify extreme values.

9.1.5.2. Secondary extreme value limits

The secondary extreme value limits equal 10 times the primary extreme value limits.

Values outside the secondary extreme value limits are considered incorrect by the NTDSC SZÁLLÁS system, so these messages must be resent to the NTDSC system after the raw data has been corrected. We recommend that field validation be integrated into the PMS software for the moment of data entry.

9.1.6. Date format used on the PMS interface

Date format expected by the system, e.g.:

- 2024-03-27

The closing date uses the ZoneDateTime type (ISO 8601), which requires the closing date to be accurate to the second, including the time zone, for example:

- 2024-03-27T08:04:09Z

9.1.7. Digital signature of messages

The messages sent by the PMS software must be digitally signed. An extra header, known as a SOAP header, similar to the following must be inserted into SOAP messages:


```
<soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
    xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Timestamp wsu:Id="TS-99DCEF25665EF438AC1542878420022417">
            <wsu:Created>2018-11-22T09:20:20.022Z</wsu:Created>
            <wsu:Expires>2018-11-22T21:20:20.022Z</wsu:Expires>
        </wsu:Timestamp>
        <wsse:BinarySecurityToken
        EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
        ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
        wsu:Id="X509-99DCEF25665EF438AC1542878420024418">
        MIIEJTCCAw2gAwIBAgITBuj4o5glf00GUEd+GGiYy15XbjANBgkqhkiG9w0BAQsFADBQMRow
        GAYDVQQDDBFNb2JpbFNpZ24gRGVtbyBDQTESMBAGA1UECgwJTW9iaWxTaWduMQswC
        QYDVQQGEwJIVTERMA8GA1UEBwwIQnVkYXBlc3QwHhcNMTgxMDMxMDcwODEwWhcNM
        jcxMDI5MTMwODEwWjA/MQ4wDAYDVQQDDAVudGFrMDENMAsGA1UECgwETlRBSzELMA
        kGA1UEBhMCSFUxETAPBgNVBAcMCEJ1ZGFwZXN0MIIBIjANBgkqhkiG9w0BAQEFAAOCA
        Q8AMIIBCgKCAQEAuQ/qSgme3MqlnTWqL5ynRB736Zo6g7Z3kyLuX7Im3UNT7T3Lco/v0lHkF
        gQUVBPAROWyfYSP6uOAiEoFg2cl+7DIjrISCmv/hRuZyuFbd24UlmHq59YUtku7zNYt5O076af
        9vGl6Dntwka6ZlPfGDPKy/8c+p8GEU51qLLbmC8uTHQ8Zp2wVsG+5EoPGhvYsyNobiOZ163
        mcZooN5PRM0eARN6ukUjdRzR65Ri/gP3eRUew681qJ7qLeLj5A3pyPW8FRWIRDGrICxP5CP
        kQLgGT8UkoXGS8Pbc/0l9XqYB4BMIb9QSkKqedKmiUg6/z7Hk9CazNhqKt3o++ORLoiyQIDA
        QABo4IBBzCCAQMwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQUx/zQ8WSSOlE7uG/pD65
        H5QaS/PowHwYDVR0jBBgwFoAU02ga2YQZHUrKwb8pF8tB8tqwon0wDgYDVR0PAQH/BAQ
        DAgXgMBMGA1UdJQQMMAoGCCsGAQUFBwMCMC8GA1UdHwQoMCYwJKAioCCGHmh0d
        HA6Ly9yZXBvL3BraS9jYS9kZW1vLWNhLmNybDBdBggrBgEFBQcBAQRRME8wIQYIKwYBB
        QUHMAGGFWh0dHA6Ly9yZXBvL3BraS9vY3NwLzAqBggrBgEFBQcwAoYeaHR0cDovL3JlcG
        8vcGtpL2NhL2RlbW8tY2EuY2VyMA0GCSqGSIb3DQEBCwUAA4IBAQBw0hvmHhofC/3e43eD
        yINECc8IGGoIIpWXJUb5rV1OaNRNscxHMBD+D5B0bjPvioU1CzNxrWhSc1ohav5J2cM26dk7
        DoAhCscovrUHru+s+MoK3cvKyixFUAwhY/iWR+SRwMsjczXIiFMKI9U4j3Z7A4xfJD5HRidcaMc
        6nhEYB/ztlQ1IKYTuuX+wQz7Q6ihEnlnT3kpsdJOBEtKmahNPwGC7Rcx+NQVKhtuZ8qFqw5kg
        fVe+ZMARph76Tt4y0AUhKtwRbVxliBL3vVKYcL+svAaEJFkKtJyRe9sttU2wPjUnROcAhkBMrp
        ZGTrGu3/Tqs76tKjTN9T8jOwxw0sU5
        </wsse:BinarySecurityToken>
        <wsu:Timestamp wsu:Id="TS-99DCEF25665EF438AC1542878420022417">
            <wsu:Created>2018-11-22T09:20:20.022Z</wsu:Created>
            <wsu:Expires>2018-11-22T21:20:20.022Z</wsu:Expires>
        </wsu:Timestamp>
        <ds:Signature Id="SIG-99DCEF25665EF438AC1542878420025422" xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
            <ds:SignedInfo>
                <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
                    <ec:InclusiveNamespaces PrefixList="napi soapenv" xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#"/>
```

```
                    </ds:CanonicalizationMethod>
                    <ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-
                    more#rsa-sha384"/>
                    <ds:Reference URI="#TS-99DCEF25665EF438AC1542878420022417">
                        <ds:Transforms>
                            <ds:Transform Algorithm="http://www.w3.org/2001/10/x
                            ml-exc-c14n#">
                                <ec:InclusiveNamespaces PrefixList="wsse na
                                pi soapenv" xmlns:ec="http://www.w3.org/2001
                                /10/xml-exc-c14n#"/>
                            </ds:Transform>
                        </ds:Transforms>
                        <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlds
                        ig-more#sha384"/>
                        <ds:DigestValue>Iah3dwhS7Dt+S68mDaiHKh6yoZhtfISuddShguX
                        EMFScUjtsoZTjqAqM/6vzzlue</ds:DigestValue>
                    </ds:Reference>
                    <ds:Reference URI="#id-99DCEF25665EF438AC1542878420025421">
                        <ds:Transforms>
                            <ds:Transform Algorithm="http://www.w3.org/2001/10/x
                            ml-exc-c14n#">
                                <ec:InclusiveNamespaces PrefixList="napi" xm
                                lns:ec="http://www.w3.org/2001/10/xml-exc-
                                c14n#"/>
                            </ds:Transform>
                        </ds:Transforms>
                        <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlds
                        ig-more#sha384"/>
                        <ds:DigestValue>CyXbk24xM3GMq9PjE9pAI4wB8sXjn/XLIxoRY3
                        Ygu/i99M/sKt74lhvLWvCulcb1</ds:DigestValue>
                    </ds:Reference>
                </ds:SignedInfo>
                <ds:SignatureValue>lokbshoT3uyjbke4bvqj6tzVW/z4JSNBPPvojiK8JFaK4FqVPPm/
                XVW/MPJ5hkmEMLcYAoqZaas1
                Ag0v5aR7b0MfFv/XipCuyC1zuBrUMBFhlwgNM5D1trAimNOovsqcgiVQhwtJ+Kuwg19
                4rmBu7Qll
                4P+NYMwcKxlECGgdaqTfuW3pxCmlQrgn1Ogi6GqIynKOxDBzQK4K8xs4MmHi4s3Fy
                jXbtxk+7CeM
                GBVKVpHa6PksfyRaa/ZI8Wl09y0nui7DnL+BbtvMEWaC83H6pdQIc870Je41SwXyXS
                Ml3moUEK+s
                2CPDkeT4vU7aeEGA91gPXYWhz2CKEZ6Fz9/D+A==
                </ds:SignatureValue>
                <ds:KeyInfo Id="KI-99DCEF25665EF438AC1542878420024419">
                    <wsse:SecurityTokenReference wsu:Id="STR-
                    99DCEF25665EF438AC1542878420024420">
                        <wsse:Reference URI="#X509-
                        99DCEF25665EF438AC1542878420024418"
                        ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-
                        200401-wss-x509-token-profile-1.0#X509v3"/>
                    </wsse:SecurityTokenReference>
                </ds:KeyInfo>
            </ds:Signature>
        </wsse:Security>
</soapenv:Header>
```

The above example was generated by the Wss4j library of Apache Main parts of the Security header:

- **Timestamp** – Date and time when the message was created, and its validity. The NTDSC Portal will accept the message in 300 seconds from when the message is created.
- **BinarySecurityToken** – Certificate linked to the key pair used for the signature, in Base64. The signature references this certificate for authentication.

Detailed description: https://www.oasis-open.org/committees/download.php/21257/wss-v1.1-spec-errata-os-SOAPMessageSecurity.htm#_Toc118717134

- **Signature** – Structure describing the signature
    - **SignedInfo** – Contains data necessary for validating the signature, including:
        - CanonicalizationMethod – Describes the method for transforming XML data to the canonical format. For PMS, the XML-C14N method is the expectation (https://www.w3.org/TR/2002/REC-xml-exc-c14n-20020718/)
        - SignatureMethod – Designates the signature algorithm. For PMS, this is **RSA-SHA384, RSA-SHA256, RSA-SHA512**
        - Reference – list of the signed elements. For PMS, there is only 1, the URI referencing the SOAP_ENV:Body element based on the ID.
    - **SignatureValue** – Base64-encoded binary data of the actual signature
    - **KeyInfo** – Data structure describing the certificate linked to the key pair used for the signature. For PMS this is necessary to identify the sender and verify the signature. The key must be identified in DirectReference mode, meaning that KeyInfo contains a SecurityTokenReference element referencing the aforementioned BinarySecurityToken.

The most commonly occurring errors derived from Wss4j include the following:

- **FAILED_CHECK** – The message was transmitted with an incorrect signature.
- **invalidTimestamp** (ErvenytelenIdobelyeg) – The message was sent later than the date specified in the created field plus a maximum of 300 seconds.
- **certpath** – The password of the certificate required for the signature is incorrect or the certificate cannot be found.

It is important to highlight that for data transmission to be successful over the NTDSC PMS interface, the following http header needs to be used to invoke the SOAP endpoint:

- **Content-Type: „text/xml”.**

It is also important top note that the NTDSC Portal application accepts the following signature algorithms:

- **http://www.w3.org/2001/04/xmldsig-more#rsa-sha512**
- **http://www.w3.org/2001/04/xmldsig-more#rsa-sha256**
- **http://www.w3.org/2001/04/xmldsig-more#rsa-sha384**

The SHA-1 algorithm contains multiple vulnerabilities and is therefore not acceptable.

9.1.8. Matching tax number

The PMS interface checks the tax number fields in the issued certificate and the PMS message (szallashelySzolgaltatoAdoszam) for consistency.

9.1.9. Software version data split

The software version data has been split into fields containing the software version number and the PMS software ID. The software ID is a unique identifier assigned to the software in the NTDSC SZÁLLÁS system following PMS validation.

The "szoftverVerzio" field of sent messages may not be left blank. It is sufficient to indicate the number of the validated version of the software when filling in the field; the name of the software is not required information in the field.

IMPORTANT: When major features of the software version are modified, validation testing of the new major version of the PMS software is required.

A correct example of the above validation:

```
<ntak:szoftverVerzio>v1.3.0</ntak:szoftverVerzio>
```

An **incorrect** example of the above validation:

```
<ntak:szoftverVerzio>Minta PMS Szoftver v1.3.0</ntak:szoftverVerzio>
```

or

```
<ntak:szoftverVerzio> </ntak:szoftverVerzio>
```

9.1.10. Booking IDs on the PMS interface

The concept of booking numbers has been introduced on all channels of the PMS interface (daily closure, event-driven data transmission, advance-booking data transmission). The field was introduced so that reservation data, daily closures and event-driven data transfers could also be linked based on booking numbers. Consequently, data transmissions relating to a given booking must always include the same booking number.

9.2. Requirements for the content of daily closure messages

9.2.1. Validation of possible VAT rate percentage values

The PMS interface checks to see if the percentage value of the submitted VAT rates matches one of the following: 0, 5, 18, 27.

A correct example of the above validation:

```
<ntak:afaKulcs>
   <ntak:szazalek>27</ntak:szazalek>
</ntak:afaKulcs>
```

An **incorrect** example of the above validation:

```
<ntak:afaKulcs>
   <ntak:szazalek>13</ntak:szazalek>
</ntak:afaKulcs>
```

9.2.2. Validation of the age of guests

The age of the submitted guests is also checked: the PMS interface rejects the submitted message if a value corresponding to an age of 110 years is entered in the "szuletesiEv" field of a guest. This means that birth dates earlier than 110 years prior to the current year cannot be submitted.

Furthermore, the message is received, but a warning is returned in the response message if the field contains a suspiciously unrealistic value – the following occurrences are checked:

- the guest's age reaches 100 years: [current year] - x > 100
- guest's year of birth is in the future: [current year] - x < 0

9.2.3. The guest's nationality and place of residence must be sent as an ISO country code

The system checks the submitted guests' nationality and place of residence: both values must be valid ISO-2 country codes. The complete list can be found in the appendix to this document, in the section "List of country codes accepted by PMS Interface".

9.2.4. The epulet (building) field is mandatory.

The “epulet” field in the messages you send is a required field. The use of non-printable control characters is not permitted. In the event of an error, the message will not be accepted by the NTDSC SZÁLLÁS system. The entire message must be resent with the corrected data content.

9.2.5. The szobaszam (room number) field is mandatory

The "szobaszam" field in submitted messages is a mandatory field. The use of non-printable control characters is not permitted. In the event of an error, the message will not be accepted by the NTDSC SZÁLLÁS system. The entire message must be resent with the corrected data content.

9.2.6. Managing Items Appearing on Technical Accounts

Where an accommodation manages various items on a technical account (i.e. one that is not linked to a room, e.g. a PayMaster account), the daily closure message will need to be submitted having regard to the following points:

- Items on the technical account which cannot be linked to any room or booking are to be sent in the other revenue message section.
- Items on the technical account that are only related to reservations should be sent as detailed in the “***Booking-level revenues***" section.
- Items related to rooms that appear on the technical bill must be sent to the NTDSC system in the standard manner, in the section for accommodation units sold in the daily closure message.

9.2.7. Booking-level revenue

The NTDSC System does not address bookings as a unit for grouping guests, so the interface provides no option for submitting revenue charged at booking, rather than room level. In such cases, items charged and spending at booking-level needs to be split equally in the interface among the rooms appearing in the respective booking.

Let us assume that a booking has the following details in the PMS system:

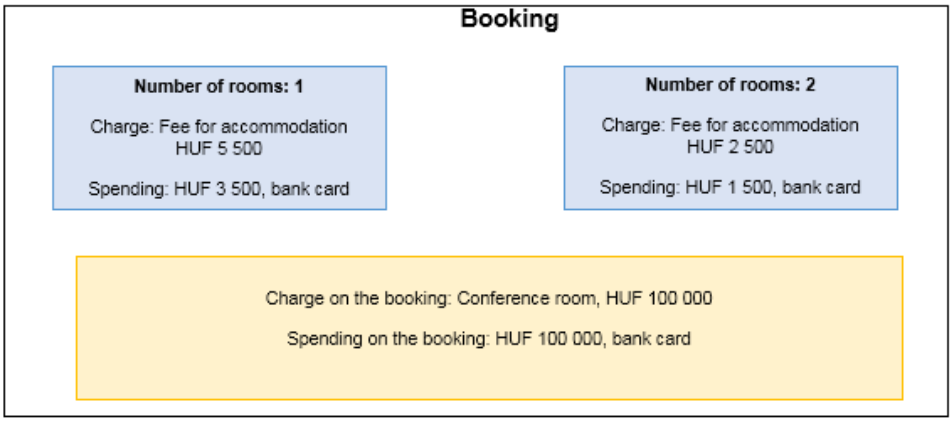


Figure 6 – Example of managing items charged to the booking and paid for

In this case, the response message needs to comply with the following points:

Rules to be observed for Room 1:

- The commensurate part of the charge to the booking should be included among charges to the room. In this case, 50,000 forints with charge item type EGYEB must be sent, not included in the accommodation package (both the main category and subcategory must be sent with the value EGYEB).
- The item charged to the room should be included among the room's charges: 5,500 HUF, with SZALLASDIJ type (included among the accommodation package charge items).
- The commensurate part of spending on the booking should be included among the room's spending. In this case, it is HUF 50,000, type BANKKARTYA (bank card).
- The spending charged to the room should be included among the room's spending: HUF 3,500, BANKKARTYA (bank card).

Rules to be observed for Room 2:

- The commensurate part of the charge to the booking should be included among charges to the room. In this case, 50,000 forints, with the charge item type EGYEB, not included in the accommodation package.
- The item charged to the room should be included among the room's charges: HUF 2,500 with type SZALLASDIJ (accommodation fee).
- The commensurate part of spending on the booking should be included among the room's spending. In this case, it is HUF 50,000, type BANKKARTYA (bank card).

- The spending charged to the room should be included among the room's spending: HUF 1,500, BANKKARTYA (bank card).

For details on the mapping/assignment of the expected values of the NTDSC main and subcategories according to charge types, see 12.3.

9.2.1. Method for Sending Advance Payments

It is possible that an item is received for a certain booking in a PMS software tool weeks or months before the actual date of that booking. Such items will need to be sent to the NTDSC System **between the dates of check-in and check-out (of the guest)**, in the '**koltes**' field of the respective **ertekesitettLakoegyseg** type. Where a guest paid the down payment in multiple instalments, it is the sum of spending generated per means of payment that should appear in the spending block.

Example for making a down payment:

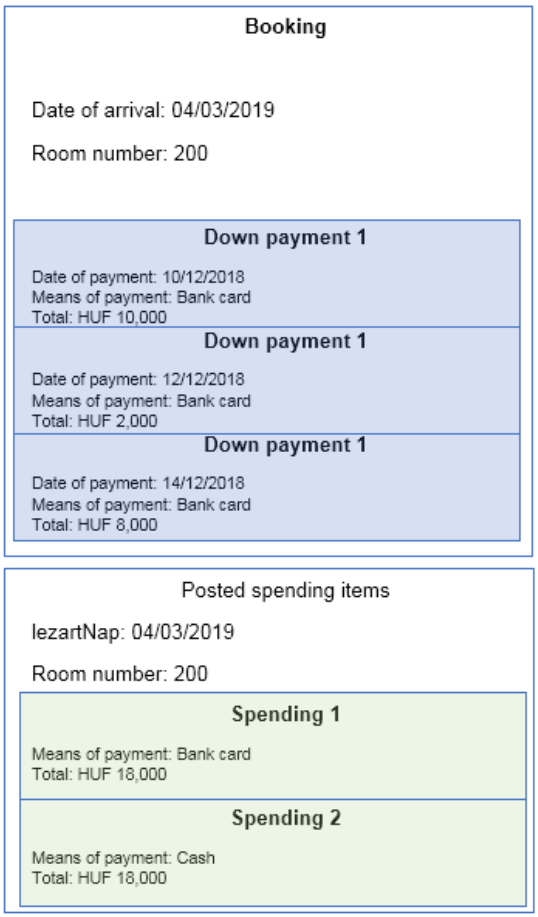


Figure 7 – Example for making a down payment

The PMS software will need to send the following message to the NTDSC System:

```
<ntak:napiFeltoltes>
        <ntak:lezartNap>2024-01-30</ntak:lezartNap>
        [...]
        <ntak:koltesek>
                <ntak:koltes>
                        <ntak:osszeg>18000.0</ntak:osszeg>
                        <ntak:koltesTipus>BANKKARTYA</ntak:koltesTipus>
                </ntak:koltes>
                <ntak:koltes>
                        <ntak:osszeg>2000.0</ntak:osszeg>
                        <ntak:koltesTipus>KESZPENZ</ntak:koltesTipus>
                <ntak:koltes>
        </ntak:koltesek>
        [...]
</ntak:napiFeltoltes>
```

9.2.2. Sending Post-Departure Charges and Spending to the PMS Interface

In certain cases it is possible for some of a guest's spending and charges to be transferred to the PMS System days or weeks after their departure. Costs that are not known at the time of the guest's departure but become apparent later, such as:

- Minibar/room service items entered into the system retrospectively (e.g. housekeeping only reports them the following day).
- Breakage, damage (e.g. damage to textiles, equipment, furniture) - deduction of the cost of damage from the deposit or issued in a post-paid invoice.
- Late transfer by a company, within 15 days of the date of the invoice issued upon completion of the accommodation service (date of departure).

As such items will have been generated after the guest has departed, it is impossible to send them in either the **ertekesitettLakoegyseg** or the **kijelentkezesNapiErtekesitesek** field, since both those fields are intended to track the spending and charges of currently occupied rooms or such that are departing on the given date.

The **tartozkodastKovetoKoltesek** and **tartozkodastKovetoTerhelesek** fields are used for this use case. These fields have to be filled in as follows:

tartozkodastKovetoKoltes

This type can be used to send spending recorded days or even weeks after checkout from a room. The following fields are available for this type:

- **Reservation number**: although for post-departure charges it is not necessary to reference the room that generated the charge, it is mandatory to enter the **booking number** to which the revenue is linked in the data field designated for this purpose.
- **Date**: This is where the invoice issue date needs to be referenced
- **KoltesType:** Standard type used on the PMS interface to indicate spending. To be filled in the same way as elsewhere on the interface.

tartozkodastKovetoTerheles

This type can be used to send charges recorded days or even weeks checkout from a room. The following fields are available for this type:

- **Booking number**: the **booking number** to which the revenue is linked must be referenced in the mandatory data field “booking number".
- **Date**: Checkout date for the room of the guest to whom the charge can be linked.
- **TerhelesType:** The (sub)type indicating standard, in-accommodation-package, and **outside-accommodation-package** charges used in the PMS interface. To be filled in the same way as elsewhere on the interface.
    1.) The tourism tax (IFA) charge is an exception to this: in the case of tourism tax, the guest's tax liability arises after the nights spent, but no later than the conclusion of the booking. If it turns out post-departure that the charge has not been recorded and is still to be invoiced for collection, the date of departure will still be the date of performance, so it should be recorded in the guest book under the relevant reservation, among the check-out date sales.
- **Amount**: It is not possible to submit negative items in this message unit.
    1.) Note: In the event of a subsequent price adjustment relating to the accommodation fee, e.g. due to an incorrect exchange rate, overcharging or a refund given in response to a complaint, the adjustment must be made in the relevant booking's transaction days (among the accommodation package charge items belonging to the guest night) and the transaction dates must be resubmitted with the correct content.

9.2.3. Accommodation package - separation of consumption items

It may be necessary to separate charge packages if the package contains both food and beverage categories (e.g., coffee break provided in an accommodation package).

On the NTDSC PMS interface, Food and Drink are classified as two separate charge categories, and within these, items originating from Catering service must be separated according to the following rules:

1.) In case it is impossible to define the ratio of food and drink within a package, the respective package has to be split into two charge items, half each between the Food and Drink categories. It is important to note that category as a concept does not exist in the expected data structure on the PMS interface at endpoint v9 anymore; it has been transformed and broken down into main category and subcategory elements. The breakdown of NTDSC main- and subcategories is provided in Annex “12.3”.
2.) In case the ratio of the items within a package can be specified, the aforementioned categories need to be split taking that ratio into consideration.

All other items included in the accommodation package, such as wellness programmes, healthcare, organised excursions, visits, must be sent to the PMS interface broken down into NTDSC main- and subcategories defined according to tourist attraction programme categories.

9.2.4. Managing Vouchers

For the NTDSC system, it is not necessary to submit the sale of vouchers (e.g. vouchers, gift vouchers that can be used later but have already been paid for in advance), but it is necessary to submit the use of the voucher. Where a voucher is used, the amount and means of payment for the voucher should be indicated in the ‘koltes’ section of the ‘ertekesitettLakoegyseg’ block. Means of payment should be voucher in such cases.

9.2.5. Managing Currency Types on the PMS Interface

The NTDSC System expects HUF as the currency across all of its fields containing currencies. In case a PMS software issues an invoice or charge in a currency other than that, the respective value must be converted to HUF, and the amount thus generated posted to the NTDSC System.

9.2.6. Managing Closed State

Each commercial accommodation establishment's opening status applicable to a given date is sent to the NTDSC System when the daily closure is posted. Where an accommodation is closed on a given date, it will need to post the daily closure message by toggling the 'NapiFeltoltés' type's **szallashelyNemUzemel** field to the 'True' value. In case the value of this field is 'False', the commercial accommodation establishment is in operation and accepting guests. If the PMS software was not online on a given day, the data for those days can be sent at a later date when closing the day. The missing days must be sent to NTDSC retrospectively as well.

It is important to note that the "**szobaAdatok**" section must still be submitted for closed accommodation.

- The total number of rooms in the accommodation must be entered in the "osszesSzoba" field,
- and the equivalent value must be sent in the "oooRooms" field.
- The value of the other room fields ishould be 0.

Furthermore, a new mandatory section containing information on the number of beds available at the accommodation will be introduced, which must be filled in even if the accommodation is closed, following the example of the room data. For further details, see the field description of the daily closure message request elements in the subchapter entitled "Capacity data".

9.2.7. Managing Extra Beds

In the NTDSC System, statistical analyses are primarily based on capacity figures without extra beds, so there should not be any concern as to the value of extra beds requested for individual rooms boosting statistical data. However, theoretic capacity understood to include extra beds for a certain room could be included in the count for some reports, which is why the interface prompts for that information. The number of guests accommodated on extra beds in the accommodation unit can range from zero to 10,000. In case of an error, the entire message must be resent with corrected content.

9.2.8. Managing beds

The number of single and double beds permanently installed in the accommodation unit is checked on the interface. Their number must be between zero and 1000, otherwise the

submitted item will be considered incorrect and the message will need to be resubmitted with corrected content. (If ketfosAgySzam=2, we are talking about two double beds, with a total capacity of four people.)

9.2.9. The System of Charges and Spending on the PMS Interface

The handling of revenues are broken down to two concepts that can be demarcated from each other:

Charge:

The gross amount charged to the guest's account for a service, including VAT and the appropriate service category within the NTDSC main and subcategories. This is to be sent to the PMS interface based on the recording of the respective product or service.

Consumption items related to the booking and revenues not arising from accommodation services must be further broken down into NTDSC main- and subcategories in order to be combined with the catering revenue data provided on the RMS interface and the revenue data from visits to tourist attractions submitted on the TSS interface.

Note: As a result, the true/false flag previously used in the message structure, which indicated whether the charged item belonged to the tourism tax category (the "isifa" field), became redundant in the interface and was removed from the data to be submitted. For more information on the required data structure, please refer to the section "Elements of the daily closure request".

The “Consumption within the accommodation package related to the booking" and “Consumption outside the accommodation package related to the booking" form two separate blocks within the charges in the daily closure message. This breakdown applies to sold accommodation units for guest nights and to check-out date sales, see: the daily closure message structure in Chapter 109. The sets of values applicable to each charge type are defined in the annex "NTDSC main and subcategories".

The accommodation fee and the value of tourism tax posted for a given day also constitute charges. Further information on submitting accommodation fees can be found in the following chapter, while the rules for submitting tourist tax can be found in the chapter "Managing Tourism Tax“.

Spending:

Spending is a gross sum item paid by the guest without the VAT rate, with the NTDSC System keeping records on its sum and type. To be sent to the PMS interface on the date of financial settlement.

Multiple spending and multiple charge items can be sent for each guest night.

It is possible for a charge to also appear as a spending in the system on the same date. That does not entail any problem, as they are to be sent to the PMS interface as separate items.

9.2.10. Managing Accommodation Fee and Packages

Accommodation fee is understood as the amount payable for rooms (not including the prices of any other products and services).
If multiple rooms are sold in a package and the various rooms have no separable prices, then the value of the package must be posted per room, after being distributed prorate among the rooms it includes. If the package price includes any products or services that cannot be separated from the package, these must be sent to the PMS interface separately from the accommodation fee and among the consumption items within the accommodation package.
Further validation takes place in the event that a guest has been registered in the accommodation unit, in which case the ACCOMMODATION FEE charge is mandatory.
In the event of a retrospective price adjustment relating to the accommodation fee, e.g. correction of an incorrect exchange rate, overcharging, or a refund due to a complaint, the adjustment must be made on the transaction dates relevant to the booking (among the accommodation package charge item for guest nights) and the closure of the relevant transaction date must be resubmitted with the correct content. Accommodation fees cannot be adjusted by submitting negative (cancellation) items.

It is not possible to submit accommodation fees for the day of check-out. The outstanding charge must be recorded retrospectively for the guest nights concerned (if necessary, dividing the amount proportionally between the nights), and then the complete daily closure for the day(s) in question must be resubmitted to NTDSC with the correct data.

In the case of accommodation fee charges that were not previously charged and were determined after the guest's departure, it is possible to submit the missing items retrospectively under ‘post-departure charges (accommodation package items)'.

9.2.11. Managing Day Use on the PMS Interface

The nappaliHasznalat field means that a certain ErtekesitettLakoegyseg was used on ‘day use’ basis and only during the day, i.e. the guest did not spend the night in the given accommodation unit. A specific ErtekesitettLakoegyseg (validation based on a unique building + room number combination) can be sent multiple times in the LakoegysegEjszakak list for day use, but it can only be sent once with the nappaliHasznalat field set to false (since only one night can be spent in a specific accommodation unit per day). In case of an error, the entire message must be resent with corrected content.

```
<ntak:lakoegysegEjszaka>
        <ntak:ertekesitettLakoegyseg>
                <ntak:lakoegyseg>
                        <ntak:epulet>V.</ntak:epulet>
                        <ntak:szobaszam>489</ntak:szobaszam>
                        <ntak:tipus>ECONOMY</ntak:tipus>
                        <ntak:egyfosAgySzam>2</ntak:egyfosAgySzam>
                        <ntak:ketfosAgySzam>2</ntak:ketfosAgySzam>
                        <ntak:potAgySzam>0</ntak:potAgySzam>
                </ntak:lakoegyseg>
                <ntak:ertekesitesiCsatorna>KOZVETITO_ONLINE</ntak:ertekesitesiCsatorna>
                <ntak:piaciSzegmens>UZLETI_EGYENI</ntak:piaciSzegmens>
                <ntak:foglalasiSzam>2024/00153</ntak:foglalasiSzam>
                <ntak:koltesek>
                        […]
                </ntak:koltesek>
                <ntak:terhelesek>
                        […]
                </ntak:terhelesek>
        </ntak:ertekesitettLakoegyseg>
        <ntak:vendegek>
          <ntak:vendeg>
                        […]
                </ntak:vendeg>
        </ntak:vendegek>
        <ntak:nappaliHasznalat>true</ntak:nappaliHasznalat>
    </ntak:lakoegysegEjszaka>
```

9.2.12. Managing of out-of-service rooms

Rooms that are out of order on the given date and do not receive any guests need to be posted to the NTDSC System together with the respective daily closure. Therefore if a room is out of order on the day linked to the given date’s daily closure, the room needs to be posted in the uzemenKivuliSzobak type on that day. Rooms that do not receive any guests on the given day qualify as out of order rooms on the PMS interface. This includes rooms that are out of service (i.e. not only unavailable for a longer period of time, but also unavailable in the short term).

In addition to the above, rooms that are out of service must also be indicated in the "szobaAdatok" section under the "napiFeltoltes" type.

Example of posting an out-of-service room over the PMS interface:

```
<ntak:uzemenKivuliSzobak>
    <ntak:lakoegyseg>
        <ntak:epulet>Nyugati szárny</ntak:epulet>
        <ntak:szobaszam>2039</ntak:szobaszam>
        <ntak:tipus>ECONOMY</ntak:tipus>
        <ntak:egyfosAgySzam>2</ntak:egyfosAgySzam>
        <ntak:ketfosAgySzam>1</ntak:ketfosAgySzam>
        <ntak:potAgySzam>0</ntak:potAgySzam>
    </ntak:lakoegyseg>
</ntak:uzemenKivuliSzobak>
```

Furthermore, the following consistency check will be performed on the interface: The number of uzemenKivuliSzobak (out-of-service room) rooms listed in the napiFeltoltes message unit must match the sum of oooSzobak and oosSzobak.

9.2.13. The number of rooms in the message must match the NTDSC registration data and the breakdown of rooms within the message.

On the transaction date, the total number of rooms at the accommodation (osszesSzoba field), whether available or unavailable, must match the total number of accommodation unit specified during NTDSC registration.

Furthermore, the following consistency check is performed within the message on the interface: the value of the All Rooms field must match the sum of the available + out-of-order + out-of-service rooms.

If there is inconsistency in the breakdown of rooms, or if the total number of rooms does not match the value recorded in the registration data, the NTDSC SZÁLLÁS system will send a

response message to the sending system reporting the error, while accepting the daily closure message.

However, if the value of the field is less than 1 or greater than 1000, it is considered an error and must be corrected and the message resent.

9.2.14. Consistency check for rooms booked

The number of rooms booked refers to the number of rooms occupied by guests on a given day. Departing and day use rooms are not included. In the event that an anomaly is identified in the daily closure message in terms of the number of rooms booked exceeding the number of rooms available or the value of the total rooms field, the NTDSC response message will send a warning to the sending system while accepting the message.

The number of rooms booked may not be negative under any circumstances and may not exceed 1,000. In the event of an error, the entire daily closure message must be resent with the corrected data.

9.2.15. Number of rooms available

Rooms available for rent, where guests can be accommodated on a given day, regardless of whether or not they are currently occupied by guests. The number of rooms available for rent thus includes the number of rooms rented out, but not the number of rooms that are out of service r out of order (OOS and OOO).

In the event that the consistency check within the message returns the following error, indicating that it exceeds the value of the total number of room field, the NTDSC response message will contain a warning to the sending system while accepting the message.

The number of rooms available for rent may not be negative under any circumstances, and may not exceed 1,000. In the event of an error, the entire daily closure message must be resent with the corrected data.

9.2.16. The Concept of ‘Day’ on the PMS Interface

Any period may be designated a day defined on the PMS interface. When sending data, it is the figures applicable to the previous closed interval that are to be sent. When designating limits, the important criterion is that guest nights begun (which span to the next calendar day)

are the basis for the tourism tax payment obligation specified in legal regulations, so the day-closure point must be designated on the calendar day that follows, in order to permit distinguishing the guest nights constituting the tourism tax base for the day in review from guest nights begun on the next day.

For example, in case a day is closed at midnight, then a guest arriving at 12:01 am will spend the guest night that starts on the day in review, but will have been left out from figures for the day in review, and in turn from tourism tax records, which also results in data loss.

If the day in review is closed at 10:00 a.m. on the day after the day in review, but a very early arrival is checked in at 9:00 a.m., then tourism tax related to that guest will appear in the tourism tax report for the day in review, even though they did not spend the guest night starting on the day in review.

Day closure does not have to be automated, nor is this recommended. The commercial accommodation establishment operator will determine when the point comes when they do not wish to move any more guests in terms of the day in review, so the day can be closed.

Restrictions may need to be implemented in the system to force correct operation; it should not be possible to check in guests on the day following the day in review for as long as the day in review has not been closed.

9.2.17. Managing Tourism Tax

9.2.17.1. Submission of general tourism tax exemption categories defined by law

Exemptions from tax liability under Section 31 of Act C of 1990 (on Local Taxes) can be specified in the following categories on the PMS interface:

- **KOTELES**: Subject to tourism tax payment obligation
- **im1**: A private individual who has not yet reached the age of 18.
- **im2**: An individual receiving inpatient specialist care in a medical institution or care in a social institution.
- **im3**: Individuals residing within the jurisdiction of the local government who are enrolled in secondary or higher education institutions as pupils or students, or who are participating in vocational training programmes.
- **im4**: A private individual residing within the jurisdiction of the local government for the purpose of fulfilling public service obligations.
- **im5**: A private individual residing within the jurisdiction of the local government as a result of measures taken by an authority or court.

- **im6**: In the case of entrepreneurs with headquarters or premises in the municipality, individuals residing within the jurisdiction of the local government for the purpose of conducting business activities or for the purpose of work performed by employees of such entrepreneurs.
- **im8**: The owner or tenant of a holiday home located within the jurisdiction of the local government, as well as a member of a housing cooperative who has the right to use a holiday home owned by the housing cooperative for the duration of the right of use, or the owner, relatives of the owner or tenant, and members of the housing cooperative who have the right to use holiday homes owned by the housing cooperative for the duration of their right of use, as defined in the Civil Code.
- **im9**: A member of the clergy spending the night in a building or on land owned by a legal entity of the church, solely for the purpose of participating in the religious activities of that legal entity.
- **im10**: A private individual who has a place of residence or place of stay in the settlement.

In case a guest falls under an tourism tax exemption category that has been individually specified by the local government, it is necessary to submit the guest's tourism tax exemption in the manner specified in the subchapter "Submission of tourism tax rates and exemptions specified by local governments9.2.17.2".

9.2.17.2. Calculation and submission of tourism tax amounts

From the perspective of the PMS interface, tourism tax is considered a daily charge item, to be posted per guest and is included in the charge type for accommodation unit nights, outside the accommodation package.

IMPORTANT: At endpoint v9, the tourism tax value is validated based on the following rules:

For per cent-based tourism tax values, the NTDSC System expects to receive tourism tax results calculated with the following rule:

A value specified as a percentage of the full accommodation fee, in a form broken down per people to be posted if there are guests subject to tourism tax in the respective accommodation unit.

Example for the calculation of tourism tax:

- Overall accommodation fee: 100 ft.
- Number of guests: 4

- Number of guests subject to tourism tax: 2
- Tourism tax: 4%
- VAT: 5%

Result: ((100/1.05) * 0.04)/2= (~1.9048) **2 HUF** (room tourism tax), which is divided between two guests subject to tourism tax (1 HUF/person).

The fixed-rate tourism tax is charged after the tourism tax-liable guest nights, i.e. the tourism tax-liable guest nights must be submitted based on the number of guests subject to the tax at the accommodation.

Calculated value = (Current tourism tax amount * Number of guest nights subject to tourism tax)

Example of calculating a fixed-amount/itemised tourism tax:

- Number of guests: 4
- Number of guests subject to tourism tax: 2
- Tourism tax: HUF 400.

Result: 400 * 2 = **800 HUF, where 400 HUF is the tourism tax value set by the local government on the NTDSC portal, valid at the accommodation on the transaction date.**

Error handling:

- If the tourism tax type and/or rate valid on the given date is incorrectly recorded and incorrectly and taken into account in the calculations in the PMS and submitted in the daily closure message, then the entire daily closure must be resubmitted with the correctly recorded tourism tax data and the recalculated tourism tax charge items for guests staying in accommodation units that are subject to tourism tax.
- Rules for retroactive modification of the tourism tax amount incorrectly recorded for the accommodation unit associated with a given booking and submitted for the accommodation unit night in the relevant daily closure(s): the original amount must be corrected and the correct value submitted for the guest nights of the relevant transaction date. Therefore, the daily closures of the transaction dates in the reservation must be sent to NTDSC as a corrected message version.

- In the event of failure to record the tourism tax and failure to submit it via the interface, the rules applicable to retrospective data transmission shall apply: the charge item must be recorded for each guest night in the reservation of the guest subject to tourism tax, and the daily closure of each item affected by the reservation must be resubmitted with the correct content as a corrective message version.
- It is not possible to submit a post-departure correction item.
- It is not possible to submit tourism tax charges retrospectively in the post-departure message unit.
- In the case of PMSs where the tourism tax is charged when the final invoice is issued as a result of integration with accounting and/or invoicing modules, the tourism tax charge item can be submitted among the check-out date sales.
- For accommodations where the relevant local government has not set a valid tourism tax (IFA) rate on the NTDSC portal, the sending system will be notified of this fact in the response message. In this case, the rate of the submitted tourism tax and the total amount of tourism tax charges will not be validated. Note: In this case, for informational purposes NTDSC will continue to return that if no tourism tax charge has been recorded for the accommodation unit on a given transaction date for guests subject to tourism tax.

9.2.17.3. Submission of tourism tax rates and exemptions specified by local governments

On the NTDSC's Local Government portal, local government users record the types and rates of tourism tax currently applicable and those that will come into force in the future, as well as the categories for exemption from tourist tax.
In order to support accommodation management software and its users, a query endpoint has been created in the NTDSC system, which provides all currently available information on the above topics in a structured format for each query. The content of this database is updated with newly added data periodically, once a day.

IMPORTANT: Since the database is updated once a day, please limit your requests to this endpoint similarly to one per day.

The file contains all tourism tax rates and exemption categories recorded in the NTDSC system for each local government, including past, currently valid and planned rates and

exemptions - recorded with their future effective dates. Based on this, individual accommodation management software can select which values are relevant for their accommodation on specific dates.

The file is available in JSON format at the following address: https://szallas.ntak.hu/public/onkormanyzat-ifa-info

The file contains the following data:

- general information
    - a list of general the tourism tax exemption categories defined by law (applicable for all municipalities)
        - mentessegKod: im... type code, in accordance with the PMS interface coding
        - mentessegNev: description of the exemption category
- municipality-specific data grouped by municipality IDs (fields: "tenant" = local government ID and “nev" = "local government name")
    - beallitott: 0/1 based on whether the given municipality has set an tourism tax value and exemption categories in the NTDSC system
    - List of tourism tax values:
        - ifaJelleg: fix/szazalekos/nincs (= fixed amount / percentage / none)
        - ifaMertek: the tourism tax value set, or NULL, if the ifaJelleg is “nincs” (=none)
        - ervenyessegKezdete: start of validity period
        - ervenyessegVege: end of validity period, or NULL if the value does not have an expiry date
        - megjegyzes: text note, maximum 100 characters
            - IMPORTANT: If a local government has several valid tourism tax values (e.g. one for the inner city and a different one for the outskirts, etc.), they must indicate the difference between these values in this field!
        - all values have a utolsoModositasDatuma attribute: date of last modification by the local government
    - List of municipality-defined tourism tax exemption categories
        - mentessegKod: im... category defined by municipality
        - mentessegNev: description of the exemption category
        - ervenyessegKezdete: start of validity period

- ervenyessegVege: end of validity period, or NULL if the value does not have an expiry date
- all values have a utolsoModositasDatuma attribute: date of last modification by the local government

Note: The value set of the "ifaStatus" field describing the guest's tourism tax status has been modified by removing the previous general "other municipal exemption" collective category.
IMPORTANT: The value submitted in the ifaStatus field on the interface is validated, i.e. the local government responsible for the accommodation provider checks that the exemption categories are valid on the submitted closed date (lezartNap).

- In the event of an error, the daily closure message will be accepted by NTDSC with a warning if the value submitted has already expired on that day or is not the value recorded by the competent local government.
- For accommodations where the relevant local government has not set up a tourism tax (IFA) exemption category in the NTDSC system, the sending system will be notified of this fact in the response message.
- If the local government has set two parallel tourism tax rates, which have been recorded in NTDSC, then it is the responsibility and duty of the accommodation provider to set the appropriate tourism tax type and rate for the accommodation in the PMS software and thus to submit the guest data to the NTDSC correctly. In such cases, it is not the responsibility of NTDSC to decide on what basis the tourism tax (IFA) type and rate submitted in the daily closure message and considered valid on the given date was selected and applied to the given accommodation from the two values available for selection. Thus, in addition to verifying the validity of the submitted tourism tax data, the arithmetic correctness of the amounts calculated for guests subject to tourism tax is also verified and feedback is provided in the event of an error.

9.2.18. Consumption on the Check-out Date

It is possible that charges and/or spending is generated for a certain room on the check out date. Such charges and spending needs to be sent to the PMS interface using the KijelentkezesNapiErtekesites type.

Charges:

- Limitations of value sets: It is not possible to submit accommodation fee charge items on the day of check-out. In the event of an error, the contents of the closed day containing the guest night must be modified and the entire daily closure message must be resent as a corrected version.
- Submitting negative items: in this message unit, it is possible to submit negative amounts only in the case of tourism tax corrections, for those PMSs which, due to their integrated operation with invoicing/accounting systems, settle tourism tax invoicing no later than on the day of departure (date of performance).

9.2.19. Managing representational spending

Every spending that happens in the PMS software must be posted over the PMS interface. That will include any representational spendings, for instance, consumption by guests charged to the owner's tab. If the value of such charges is HUF 0, that is how they will need to be sent to the PMS interface.

9.2.20. Requirements for data correction

9.2.20.1. General requirements

Requirements regarding the content and form of retrospective corrections to previously closed days:

The message must indicate whether the current message version is the first submission for the transaction date or a revised version thereof. In the event of a correction, the entire daily closure must be sent with the correct content. In doing so, it must be ensured that the correction of incorrect items is not carried out by means of reversal items (negative charges). Accommodation fees and tourism tax charge items must be recorded for each guest night. Erroneous items identified in the recording of accommodation service revenues may not be submitted as part of a subsequent daily closure, and each item must have a corresponding accommodation unit assigned to it. The data correction must be recorded and justified, and the record ID and reason for modification must be submitted as part of the message in the fields dedicated for this purpose.

Incorrect daily closures can be submitted retroactively for up to 15 months from the transaction date.

Procedure in the event of a software change:

In the event of a software change, corrections to data relating to days already closed with the replaced software, which are being submitted with the new software, shall also be treated as corrections and indicated as such in the message. This also applies if this data transfer is the first data upload of this kind in the new software for the given transaction date. Otherwise, the daily closure will be considered a duplicate and will not be accepted by NTDSC.

9.3. Requirements for the content of advance booking messages

9.3.1. The guest's country of origin

The country code of the sending country of guests sent in advance-booking messages must be a valid ISO-2 standard country code. The complete list can be found in the appendix to this document, in the section "List of country codes accepted by PMS Interface".

In the case of an unknown ccountry of origin, the guest must be forwarded to the NTDSC SZÁLLÁS system as an unknown foreign guest. Currently, the PMS interface allows to record the sending country as 'EGYEBKULFOLDI'. In case of an error, the message must be sent again with the corrected data. NTDSC provides feedback to the sending system about the error using the appropriate error code and error message pair.

Note:

- previously, this value had to be sent as "EGYEB" (other), but it has now been removed from the value set.
- in the advance-booking message, this data was sent in the field "foglaloAllampolgarsaga" in the previous interface version, which has been renamed and is now called "vendegKuldoOrszaga". (For more details, see the description of the structure of the advance-booking message in the subchapter "Guest's nationality").

9.3.2. Expected number of guests must be provided

The NTDSC SZÁLLÁS system requires the expected number of guests to be included in advance booking messages. Furthermore, the following will be validated on the interface:

- number is bigger than zero, but less than 100 persons,

- the number of guests may not exceed the total capacity of the accommodation units included in the booking + 2*number of accommodation units (i.e. as if each connected accommodation unit included +2 extra beds).

In case of an error, the message must be sent again with the corrected data. NTDSC provides feedback to the sending system about the error using the appropriate error code and error message pair.

9.3.3. Sending the capacity of rented accommodation unit

The capacity of the accommodation unit is to be understood without extra beds, and is mandatory data to be sent, with a value greater than zero and less than 100. In case of an error, the message must be sent again with the corrected data. NTDSC provides feedback to the sending system about the error using the appropriate error code and error message pair.

9.3.4. Past departure

The expected departure date is validated on the interface, and it is considered an error if the departure date is earlier than the arrival date. In case of an error, the message must be resent with the corrected data. NTDSC provides feedback to the sending system about the error using the appropriate error code and error message pair.

9.3.5. Expected time of arrival

Due to the logic of the message type, advance-booking messages sent with an arrival date earlier than the current day will not be accepted by the NTDSC system.

- It follows that it is not possible to submit subsequent changes to advance-bookings that have been made after the date of arrival of the booking.

IMPORTANT: Longer-term room reservations made under framework agreements must be recorded as individual reservations, meaning that each new “shift” of guests arriving corresponds to a new booking unit. In accordance with the above, NTDSC will verify the fact that a new reservation has been made, and in the event of non-compliance with the validation rule, the message will be considered invalid and must be resent in accordance with the corrected logic.

Furthermore, the arrival date cannot be more than two years in the future, which is also validated on the interface. In the event of an error, NTDSC accepts the message and sends feedback to the sending system with the appropriate error code and error message pair.

9.3.6. Option to send certainty information about reservations

The interface can handle and accept the certainty status of reservations, i.e. whether a given reservation is guaranteed or uncertain. The field can be sent with a true/false value or left blank if this type of distinction is not used at the accommodation.

9.3.7. Filtering out unrealistic advance bookings

In order to filter out reservations recorded with clearly incorrect amounts already at the time of data transmission via the interface, the value of the field is checked against the following extreme value limits:

- The primary extreme value limit: can be a positive integer less than one hundred million
- Secondary extreme value limit: 10 times the primary limit value, i.e. one billion

NTDSC accepts messages containing values exceeding the primary limits and warns about suspicious items in a response message.

Values outside the secondary extreme value limits are considered incorrect by the NTDSC SZÁLLÁS system, so messages must be resent to NTDSC after the raw data has been corrected. We recommend that field validation be integrated into the PMS software for the moment of data entry.

9.4. Requirements for the content of event-driven messages

9.4.1. Submitting incorrect check-in and check-out events

Event-driven data posting does not specify incorrect check in and incorrect check out events. Incorrect check in events need to be posted together with a check out event applicable to the

respective room; and incorrect check out events can be corrected using a check in event applicable to the given room.

The field validations for guest and accommodation unit data in event-driven message types (see section "**Hiba! A hivatkozási forrás nem található.**" for details) are identical to the formal requirements introduced for the same data sets in the daily closure message (see above).

9.5. Error codes on the PMS interface

9.5.1. Field value error keys

General rule for reference data

Scope:

- Daily closure request message type is affected.
- Out of scope: event-driven, advance-booking request, and verification request message types.

Rules and Distinctions:

- In daily closure request messages, in the case of errors relating to the message units fields for the accommodation unit night, the error message is supplemented with the building-accommodation unit information. This facilitates end-user side processing.
- This reference data does not apply to revenues not derived from accommodation services (e.g. other charges and spending), nor does it apply to post-departure charges and spending, as these message blocks already have a booking number field in the daily closuremessage, so no further reference data is required.
- **GLOBAL** value**:** The reference field takes the value "GLOBAL" in the error message when there is a problem with the basic message and the error cannot be linked to a specific field (e.g. in the case of server errors or schema errors).

Error codes in multiple message types:

- If a data field (e.g. guest ID) is present in the daily closure request message and other message types, error messages relating to that field are handled as follows:

A. There may be two versions of the error message in **daily closure request** messages for the given field; for other message types, the error message is returned without reference data.

B. The **daily closure request** messages only contain the error message for the given field supplemented with reference data, while for other message types, the error message is returned without reference data.

C. The error message is uniform and is not supplemented with reference data in any message type.

D. To indicate a general problem, the error message is supplemented with the GLOBAL reference value in all affected message types.

The summary table contains the following:

- **Error key** column: Contains unique error codes identified in the field description for message types.
- **Error message** column: Both cases of error message structure appear for the relevant error codes.
- **Comment** column: It shows whether solution "A", "B", "C" or "D" has been applied, and if an error code is only relevant to one message type, this is also displayed.

Error key	Error message (Hungarian)	Error message	Comment
NemUres	Nem lehet üres értékű a mező! / Nem lehet üres értékű a mező a(z) <epulet> épület <szobaszam> lakóegységben!	The field cannot be empty! / The field cannot be empty in the <epulet> building <szobaszam> accommodation unit!	A
KotelezoMezo	A mező nem lehet null értékű!/ A(z) <epulet> épület <szobaszam> lakóegységében rögzített mező nem lehet null értékű!	The field cannot be null! The field recorded in <epulet> building <room number> accommodation unit cannot be null!	A
Formatum	A mező értéke nem felel meg a formai követelményeknek! / A mező értéke nem felel meg a formai követelményeknek a(z) <epulet> épület <szobaszam> lakóegységben!	The field value does not meet the formal requirements! / The field value does not meet the formal requirements in <epulet> building <szobaszam> accommodation unit!	A
ElsodlegesMax	Az érték túllépte az elsődleges szélsőérték maximumot! / Az érték túllépte az elsődleges szélsőérték maximumot a(z) <epulet> épület <szobaszam> lakóegységben!	The value has exceeded the primary extreme value maximum limit! / The value has exceeded the primary extreme value maximum limit in the <epulet> building <szobaszam> accommodation unit!	A
ElsodlegesMin	Az érték túllépte az elsődleges szélsőérték minimumot! / Az érték túllépte az elsődleges szélsőérték minimumot a(z) <epulet> épület <szobaszam> lakóegységben!	The value exceeded the primary extreme value minimum limit! / The value exceeded the primary extreme value minimum limit in the <epulet> building <szobaszam> accommodation unit!	A
MasodlagosMax	Az érték túllépte a másodlagos szélsőérték maximumot! / Az érték túllépte a másodlagos szélsőérték maximumot a(z) <epulet> épület <szobaszam> lakóegységben!	The value exceeded the secondary extreme value maximum limit! / The value exceeded the secondary extreme value maximum limit in the	A

		<epulet> building <szobaszam> accommodation unit!	
MasodlagosMin	Az érték túllépte a másodlagos szélsőérték minimumot! / Az érték túllépte a másodlagos szélsőérték minimumot a(z) <epulet> épület <szobaszam> lakóegységben!	The value exceeded the secondary extreme value minimum limit! / The value exceeded the secondary extreme value minimum limit in the<epulet> building <szobaszam> accommodation unit!	A
HibasErtek	A mező értéke hibás értéket tartalmaz! / A mező értéke hibás értéket tartalmaz a(z) <epulet> épület <szobaszam> lakóegységben!	The field contains an incorrect value! / The field contains an incorrect value in <epulet> building <szobaszam> accommodation unit!	A
Negativ	Nem lehet negatív a mező értéke! / A mező értéke nem lehet negatív a(z) <epulet> épület <szobaszam> lakóegységben!	The field value cannot be negative! / The field value cannot be negative in the <epulet> building <szobaszam> accommodation unit!	A
NegativTerhelesHiba	Nem lehet negatív a mező értéke! / A mező értéke nem lehet negatív a(z) <epulet> épület <szobaszam> lakóegységben!	The field value cannot be negative! / The field value cannot be negative in the <epulet> building <szobaszam> accommodation unit!	A
EgyedisegKorlatozas	A megadott érték már szerepel az adatbázisban!	The value sent already exists in the database!	daily closure request message
IsmetlodoAzonosito	A(z) <epulet> épület <szobaszam> lakóegységében rögzített vendégazonosító nem szerepelhet egynél többször a beküldött üzenetben!	The guest ID recorded in the <epulet> building <szobaszam> accommodation unit cannot appear more than once in the submitted message!	daily closure request message
JovobeliDatum	A mező időpontja nem lehet jövőbeli!	The date in the field cannot be a future date!	C
JovobeniErkezes	Az érkezés dátuma nem lehet 2 évnél messzebbre mutató!	The arrival date cannot be more than 2 years in the future!	advance-booking event request message
MultbeliTavozas	A mező értéke nem lehet korábbi, mint az érkezés dátuma!	The field’s date value cannot be earlier than the arrival date!	advance-booking event request message

MultbeliDatum	A mező időpontja nem lehet múltbeli!	The date in the field cannot be a past date!	C
NemTalalhato	Nem található az adatbázisban!	Does not exist in the database!	C
MagasEletkor	A(z) <epulet> épület <szobaszam> lakóegységében rögzített vendég életkora meghaladja a 100 évet!/ A vendég életkora meghaladja a 100 évet!	The age of the guest staying in <epulet> building <szobaszam> accommodation unit exceeds 100 years! / The guest's age exceeds 100 years!	B
HibasSzuletesiEv	A(z) <epulet> épület <szobaszam> lakóegységében rögzített vendég születési éve nem lehet a tárgyév mínusz 110 évnél korábbi!/ A vendég születési éve nem lehet a tárgyév mínusz 110 évnél korábbi!	The year of birth of guests registered in <epulet> building <szobaszam> accommodation unit may not be earlier than the current year minus 110 years! / The year of birth of guests may not be earlier than the current year minus 110 years!	B
ErvenytelenIfa	A(z) <epulet> épület <szobaszam> lakóegységében rögzített IFA értéke nem megfelelő. Szobában lakó, IFA-köteles vendégekre jutó szállásdíj * IFA mérték vagy vendégek száma * IFA mérték nem egyezik a beküldött összeggel.	The tourism tax value recorded in <epulet> building <szobaszam> accommodation unit is not valid. Accommodation fee per guest staying in a room and subject to tourism tax * tourism tax rate or number of guests * tourism tax rate does not match the amount submitted.	daily closure request message
TargynaponErvenyesIfa	Ellenőrizze, hogy a kalkulációban használt adó mértékének összege megfelel-e az Önkormányzat által beállított, az adott napon érvényes IFA értéknek.	Check whether that the tax rate used in the calculation corresponds to the tourism tax value set by the local government and is valid on the given day.	daily closure request message
KotelezoSzallasdij	A(z) <epulet> épület <szobaszam> lakóegységében rögzített vendég(ek)hez tartozó szállásdíj típusú terhelés nem került beküldésre a napi zárással!	The accommodation fee charge for the guest(s) <registered in <epulet> building <szobaszam> accommodation unit was not sent with the daily closure!	daily closure request message
HibasOrszagKod	A(z) <epulet> épület <szobaszam> lakóegységében rögzített orszag érték	The country value recorded in the <epulet> building <szobaszam>	B

	nem szerepel az ISO szabvány között!/ Az orszag érték nem szerepel az ISO szabvány között!	accommodation unit is not included in the ISO standard! / The country value is not included in the ISO standard!	
FoglalasOrszagKod	Az orszag érték nem szerepel az ISO szabvány között, vagy ismeretlen küldőország esetén nem a megfelelő “egyebkulfoldi” érték került beküldésre az előfoglalás üzenetben!	The country value is not included in the ISO standard, or in the case of an unknown sending country, the correct "other country" value was not sent in the advance-booking message!	advance-booking event request message
IrszHiba	A mező értéke nem felel meg a küldő ország irányítószámára vonatkozó formai követelményeknek! / A(z) <epulet> épület <szobaszam> lakóegységében rögzített mező értéke nem felel meg a küldő ország irányítószámára vonatkozó formai követelményeknek!	The value of the field does not comply with the formal requirements for the postal code of the sending country! / The value of the field recorded in the <epulet> building <szobaszam> accommodation unit does not comply with the formal requirements for the postal code of the sending country!	B
NappaliHasznalatHiba	A nappaliHasznalat mező értéke érvénytelen. Egy adott lakoegyseg csak egyszer szerepelhet az üzenetben nappaliHasznalat=hamis értékkel, hiszen egy bizonyos lakóegységben egy nap csak egy éjszaka tölthető el.	The value of the nappaliHasznalat field is invalid. A given accommodation unit may only appear once in the message with the value nappaliHasznalat=false, since only one night can be spent in a given accommodation unit per day.	daily closure request message
ElteresRegisztraltAdatokban	Értéke eltér az NTAK regisztrációs adatokban megadott értéktől!	Value differs from the value specified in the NTDSC registration data!	daily closure request message
SzerverHiba	Az üzenet feldolgozása közben az NTAK rendszerben szerver oldali hiba lépett fel, így az üzenet befogadása nem sikeres. Kérjük, ismételten próbálja meg az üzenet beküldését!	A server-side error occurred in the NTDSC system while processing the message, so the message could not be received. Please try sending the message again.	D
AdatszolgaltatasTiltva	Az adatküldést a szerver elutasította, kérjük keresse az NTAK ügyfélszolgálatot!	The server has rejected the data transfer. Please contact NTDSC customer service.	daily closure request message
JavithatosagIdokorlat	Az üzenetet az NTAK elutasította. A hibás napzárások korrekciójának beküldésére visszamenőlegesen az	The message was rejected by NTDSC. Corrections to incorrect daily closures	daily closure request message

	aktuális naptól számított 15 hónapig van lehetőség.	can be submitted retroactively for up to 15 months from the current date.	
HibasKitoltes	A(z) <epulet> épület <szobaszam> lakóegységében rögzített költés altípus mező Szép Kártyától eltérő költés típus esetén üresen küldendő! / A rögzített költés altípus mező Szép Kártyától eltérő költés típus esetén üresen küldendő!	The submitted spending subtype field in the <epulet> building <szobaszam> accommodation unit must be left blank if the spending is not SZÉP Card! / The submitted spending subtype field must be left blank if the spending type is not SZÉP Card!	A
HibasKategoria	A(z) <epulet> épület <szobaszam> lakóegységében rögzített mező értéke nem felel meg a vonatkozó NTAK fő- és alkategóriák elfogadott értékkészletének! Lehetséges értékei: [adott üzenetegység/terhelés típus releváns értékkészlete] / A rögzített mező értéke nem felel meg a vonatkozó NTAK fő- és alkategóriák elfogadott értékkészletének! Lehetséges értékei: [adott üzenetegység/terhelés típus releváns értékkészlete]	The value of the field sumbitted in <epulet> building <szobaszam> accommodation unit does not correspond to the accepted value set of the relevant NTDSC main and subcategories! Possible values: [relevant value set for given message unit/charge type] / The value submitted in the field does not correspond to the accepted value set for the relevant NTDSC main and subcategories! Possible values: [relevant value set for given message unit/charge type]	A
nemUzemeloSzobak	Zárvatartás esetén (szallashelyNemUzemel = igaz érték esetén) az összes szoba száma meg kell egyezzen az out-of-order szobák számával!	In case of closure (szallashelyNemUzemel = true), the total number of rooms must match the number of out-of-order rooms!	daily closure request message
FeldolgozasHiba	Az üzenet feldolgozása közben az NTAK társrendszereiben hiba lépett fel, így az üzenetet csak részlegesen sikerült feldolgozni. Kérjük, ismételten próbálja meg az üzenet beküldését, azt az eredeti üzenet javított verzójaként jelölve!	During message processing, an error occurred in the NTDSC subsystems, so the message could only be partially processed. Please try sending the message again, marking it as a corrected version of the original message.	D
UresMezo	A mező üresen küldendő!	This field must be left blank!	C

NemKuldendoElem	Az elem nem küldendő!	The item should not be sent!	C
ifaTipusHiba	Az IFA típusa nem felel meg az Önkormányzat által hatályba helyezett és NTAK-ban beállított, adott tárgynapon érvényes értéknek!	The tourism tax type does not correspond to the value set by the local government and entered in NTDSC as valid on the transaction date!	daily closure request message
lemondasFrissites	A korábban lemondott előfoglalás frissítése szintén lemondásként került beküldésre, így az üzenetet az NTAK nem tekinti elfogadottnak!	The update to the previously cancelled reservation was also sent as a cancellation, so NTDSC does not consider the message as accepted!	advance-booking event request message
MarLetezoUjZaras	Hiba: A tárgynapra vonatkozóan már létezik egy elfogadott 'UJ' típusú napi zárás. Újabb 'UJ' besorolású üzenet beküldése nem lehetséges. Kérjük, használjon 'MODOSITO' típusú üzenetet a korrekcióhoz.	Error: An accepted 'UJ' type daily closure already exists for the transaction date. It is not possible to submit another message classified as 'UJ'. Please use a 'MODOSITO' type message for corrections.	daily closure request message
OsszesSzobaszamEllentmondas	Hiba: Az üzeneten belül meg kell egyeznie az Összes szoba (osszesSzoba) mező értékének a kiadható szobák + out-of-order + out of service szobák összegével.	Error: Within the message, the value of the All Rooms (osszesSzoba) field must match the sum of available rooms + out-of-order + out-of-service rooms.	daily closure request message
KiadottDarabszamElteres	Hiba: Az üzenetben felsorolt értékesített lakóegységek darabszáma (nappali használat kivételével) meg kell egyezzen a kiadott szobák összegét tartalmazó mező (kiadottSzobak) értékével.	Error: The number of accommodation unit sold listed in the message (excluding day use) must match the value in the field containing the total number of rooms rented out (kiadottSzobak).	daily closure request message
TobbKiadott	Hiba: A mező értéke nem haladhatja meg a relációban nagyobb halmazként értelmezett mező (kiadható szobák száma) értékét.	Error: The value of the field cannot exceed the value of a field interpreted as a larger set in the relation (number of rooms available).	daily closure request message
FerohelyekEllentmondasa	Hiba: Az üzeneten belül meg kell egyeznie az Összes férőhelykapacitás (osszesFerohelyKapacitas) mező értékének a kiadható + out-of-order +	Error: Within the message, the value of the Total Capacity (osszesFerohelyKapacitas) field must match the sum of the values of the	daily closure request message

	out of service férőhelykapacitás mezők értékének összegével.	available + out-of-order + out of service capacity fields.	
HibasFerohelyOsszeg	Hiba: Az üzenetben az összes szobák száma nem haladhatja meg az összes szobában elérhető összes férőhely-kapacitást.	Error: The total number of rooms in the message must not exceed the total capacity available in all rooms.	daily closure request message
UzemenKivuliSzobakSzama	Hiba: Az üzemen kívüli szobák üzenet egységben felsorolt szobák darabszáma meg kell egyezzen az out-of-order szobák és az out-of-service szobák összegével.	Error: The number of rooms listed in the out of service rooms message unit must match the sum of the out-of-order rooms and out-of-service rooms.	daily closure request message
HibasKiadhatoHelySzam	Hiba: Az üzenetben a kiadható szobák száma nem haladhatja meg a kiadható férőhely-kapacitást.	Error: The number of rooms available for rent in the message must not exceed the available accommodation capacity.	daily closure request message
HibasKiadottHelySzam	Hiba: Az üzenetben a kiadott szobák száma nem haladhatja meg a kiadott szobákban elérhető összes férőhely-kapacitást.	Error: The number of rooms rented in the message must not exceed the total capacity available in the rented rooms.	daily closure request message
HibasOosOsszeg	Hiba: Az üzenetben az out-of-service szobák száma nem haladhatja meg az out-of-service szobákban elérhető összes férőhely-kapacitást.	Error: The number of out-of-service rooms in the message must not exceed the total capacity in out-of-service rooms.	daily closure request message
HibasOooOsszeg	Hiba: Az üzenetben az out-of-order szobák száma nem haladhatja meg az out-of-order szobákban elérhető összes férőhely-kapacitást.	Error: The number of out-of-order rooms in the message must not exceed the total capacity in the out-of-order rooms.	daily closure request message
HianyzoIfaMertek	Az illetékes Önkormányzat részéről nem történt meg az IFA mértékének beállítása az NTAK rendszerben.	The competent local government has not set the tourism tax rate in the NTDSC system.	daily closure request message
FoglalasSzintuIfa	Az IFA-érték validáció sikertelen: a foglalási szinten rögzített adatok (szállásdíj vagy vendégek száma) és a tárgynapon hatályos IFA-mérték alapján számított összeg nem egyezik	Tourism tax value validation failed: the data recorded at the booking level (accommodation fee or number of guests) and the amount calculated based on the tourism tax rate effective	daily closure request message

	meg az adott foglalás tárgynapjaira beküldött összesített IFA-összeggel. Kérjük, ellenőrizze az IFA-terhelési adatokat!	on the transaction date do not match the total tourism tax amount submitted for the transaction dates of the booking. Please check the tourism tax charge data!	
IfaTerhelesHianya	Hiba! IFA-köteles vendég rögzítése esetén az IFA-terhelés rögzítése kötelező. Az adott lakóegységre vonatkozóan nem található rögzített IFA-terhelés. Kérjük, egészítse ki az adatokat!	Error! When registering a guest subject to tourism tax, it is mandatory to record the tourism tax charge. No recorded tourism tax charge can be found for the given accommodation unit. Please complete the information!	daily closure request message
AdatszolgaltatasIdokorlat	Az üzenetet az NTAK elutasította, mert a beküldött lezárt nap kívül esik az érvényes adatszolgáltatási időszakon. Az adatküldés csak a szálláshely-szolgáltatás kezdete (működési engedély dátuma), az NTAK regisztráció időpontja és a 15 hónapos időkorlát figyelembevételével lehetséges.	The message was rejected by NTDSC because the submitted closed day falls outside the valid data reporting period. Data submission is only possible from the start of the accommodation service (date of operating licence), the date of NTDSC registration and within the 15-month time limit.	daily closure request message
NemHatalyosIfaMentesseg	A(z) <epulet> épület <szobaszam> lakóegységében rögzített mezőben nem hatályos mentességi jogcím értéke került beküldésre: a megadott érték a megadott napon nem érvényes vagy nem az illetékes önkormányzat által rögzített./ A mezőben nem hatályos mentességi jogcím értéke került beküldésre: a megadott érték a megadott napon nem érvényes vagy nem az illetékes önkormányzat által rögzített.	An invalid exemption category value was submitted in the field in <epulet> building <szobaszam> accommodation unit: the value provided is not valid on the specified date or has not been recorded by the competent local government. An invalid exemption category value was entered in the field: the value entered is not valid on the specified date or has not been recorded by the competent local government.	B

9.5.2. NTDSC registration error keys

Error key	Error message (Hungarian)	Error message
HianyzoSzolgaltatoAdatokAdoszam	Nem található szolgáltató adószám a SZÁLLÁS szakrendszerben!	Service provider tax number not found in the SZÁLLÁS system!
NemTalalhatoPms	Nem található ilyen PMS rendszer azonosító a SZÁLLÁS-ban!	PMS system ID not found in the SZÁLLÁS system!
ElteroKuldorendszer	Hiba a küldő rendszer adatokban!	Error in sending system data!
NemTalalhatoSzolgaltatasiHely	Szolgáltatási hely nem található az adatbázisban!	Service location does not exist in NTDSC!

9.5.3. Signature error keys

Error key	Error message (Hungarian)	Error message
HianyzoAlairas	A kérésben üres a digitális aláírás!	No digital signature in request!
HibasAlgoritmus	A kérés nem engedélyezett signature algoritmust használt.	The request used an unauthorised signature algorithm.

9.5.4. Certificate error keys

Error key	Error message (Hungarian)	Error message
UresTanusitvany	A kérésben üres a tanúsítvány!	No certificate found in request!
TanusitvanyTipusHiba	Tanúsítvány típusa nem megfelelő!	Certificate type is not valid!
ElteresCNadatok	A tanúsítvány CN és a body-ban küldött szálláshely regisztrációs száma (szallasRegisztraciosSzam) nem egyezik!	The CN of the certificate and the accommodation registration number (szallasRegisztraciosSzam) sent in the body do not match!
ElteresOUadatok	A tanúsítvány OU mezőjében küldött szálláshely adatszolgáltatási azonosítója nem található!	The accommodation data reporting ID sent in the OU field of the certificate does not exist!
ElteresOIDadatok	A tanúsítvány OID.2.5.4.97 mezőjében szereplő adószám nem egyezik a beküldő szálláshely szálláshely-	The tax number in field OID.2.5.4.97 of the certificate does not match the tax number of the accommodation provider of

	szolgáltatójának adószámával!	the submitting accommodation!
NemMegbizhatoTanusítvany	Nem megbízható tanúsítvány!	The certificate is not trusted!

10. Specification description of messages

This section will detail all data types transmitted on the PMS interface, including their types and correct formats.

The latest WSDL files for the NTDSC SZÁLLÁS system are available at https://info.ntak.hu/szoftvergyartok.

It is generally true for all fields that the use of characters forbidden in the XML structure in accordance with the standard (&; <; >; "; ') is not allowed.
Further information: https://www.w3.org/TR/xml-entity-names/

It is important to note that schema errors – such as exceeding the permitted character limit for a field, type discrepancies (enum error), missing mandatory fields, or invalid formats (UUID format error) – are automatically handled by XSD, so no separate error codes or error messages have been defined for these errors in the interface description. If the message does not conform to the expected schema, the server generates a SOAP Fault message in a synchronous response, which contains the details of the error in the fault string. In the event of a schema error, the message will not be accepted.

Example of error response messages:

1. enum error
2. UUID format error
3. missing mandatory field
4. field length error

10.1. Structure of message header

All messages that can be sent via the interface have a uniform set of fields containing technical data about the data provider, the sending system and the message. This business-defined header is located in the message body structure and should not be confused with the SOAP Header containing the message's digital signature.

Field name	XML
Message details	UuzenetAdatok
message ID	UuzenetAdatok.uzenetId
time of message sending	UuzenetAdatok.uzenetKuldesIdeje
Sending system details	szoftverAdatok
software version	szoftverAdatok.szoftverVerzio
software identifier	szoftverAdatok.szoftverAzonosito
Service provider data	szallashely
accommodation registration number	szallashely.szallasRegisztraciosSzam
accommodation provider tax number	szallashely. szallashelySzolgaltatoAdoszam

10.1.1. Message details

Field	**uzenetAdatok**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	-

10.1.1.1. Message ID

Field	**uzenetId**
Mandatory field	yes
Type	UUID
Size	36
Value set	"[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}"
Information	The message identifier generated by the sending PMS system. NTDSC performs a check on the uniqueness of the identifier for the closed day, in the context of the sending system and the accommodation.
Note	change: method of generating field values

Error messages

Validation	Processing Type	Error key	Error type
Uniqueness check	asynchronous	EgyedisegKorlatozas	error

10.1.1.1. Time of message sending

Field	**uzenetKuldesIdeje**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2024-02-28T02:36:00Z
Information	The time when the message was sent. Specified by the sender.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
<= sysDate + 2h	synchronous	JovobeliDatum	error

10.1.1. Sending system details

Field	**szoftverAdatok**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	-

10.1.1.1. PMS software version

Field	**szoftverVerzio**
Mandatory field	yes
Type	string
Size	10
Value set	any text
Information	The current version number of the software. E.g.: <v3.0> only numbers and English alphabet letters are permitted, in addition to the dot as a special character.
Note	In the event of a change in the field, the PMS software is required to re-register the new version with NTDSC's operator.

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
Formal requirements: only numbers and English letters are permitted, in addition to the dot as a special character.	synchronous	Formatum	error

10.1.1.2. PMS software identifier

Field	**szoftverAzonosito**
Mandatory field	yes
Type	string
Size	15
Value set	This data is generated when the software receives NTDSC certification (English letters and numbers)
Information	It contains the software ID assigned during the NTDSC registration of the software. E.g.: <samplepms999>
Note	New field. Important: The message must be signed with the certificate selected by the accommodation provider on the NTDSC Szállás Portal interface. The NTDSC registration number of the accommodation (szallasRegisztraciosSzam field) and the PMS software registered at the accommodation (szoftverAzonosito field) are checked for consistency in the message body and in the certificate.

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
PMS software must be included among the validated systems.	asynchronous	NemTalalhatoPms	error
The specified PMS software is not	asynchronous	ElteroKuldorendszer	error

registered for the service location.			

10.1.2. Service provider data

Field	**szallashely**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	-

10.1.2.1. Accommodation’s registration number

Field	**szallasRegisztraciosSzam**
Mandatory field	yes
Type	string
Size	10
Value set	"[A-Z][A-Z][0-9]{8}"
Information	Field for identifying the accommodation for NTDSC system. Its value is available in the "NTAK Regisztrációs Szám" field when editing an accommodation registered in the NTDSC system.
Note	The message must be signed with the certificate selected by the accommodation provider on the NTDSC Szállás Portal interface. The NTDSC registration number of the accommodation (szallashely RegisztraciosSzam field) and the PMS software registered at the accommodation (szoftverAzonosito field) are checked for consistency in the message body and in the certificate as well.

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
Service location does not exist	asynchronous	NemTalalhatoSzolgaltatasiHely	error
The CN value of the certificate and the accommodation registration number sent in the body do not match.	synchronous	ElteresCnAdatok	error
accommodation's data reporting is disabled	asynchronous	AdatszolgaltatasTiltva	error

10.1.2.2. Service provider's tax number

Field	**szallashelySzolgaltatoAdoszam**
Mandatory field	yes
Type	string
Size	13
Value set	"[0-9]{8}-[0-9]-[0-9]{2}"
Information	Tax number of the accommodation service provider. A check is performed in the field to ensure that the VAT number's first 8 characters are correct.
Note	

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
The information provided in the certificate and in the field must match.	synchronous	ElteresOidAdatok	error
The service provider with the specified tax number has not registered in the SZALLAS module.	asynchronous	HianyzoSzolgaltatoAdatokAdoszam	error

10.2. Elements of the daily closure request

Field name	XML
Header (see “Structure of message header”)	
daily closure	napiFeltoltes
closed day	napiFeltoltes. lezartNap
daily closure request classification	napiFeltoltes.napiZarasBesorolas
classification	napiZarasBesorolas.besorolas
protocol identifier	napiZarasBesorolas.jegyzokonyvAzonosito
reason for modification	napiZarasBesorolas.indoklas
date and time of closure	napiFeltoltes. lezarasIdopont
accommodation is not operating	napiFeltoltes. szallashelyNemUzemel
room details	napiFeltoltes.szobaAdatok
all rooms	szobaAdatok.osszesSzoba
out-of-order rooms	szobaAdatok.oooSzobak
out-of-service rooms	szobaAdatok.oosSzobak
rooms rented out	szobaAdatok.kiadottSzobak
rooms available	szobaAdatok.kiadhatoSzobak
capacity data	napiFeltoltes.ferohelyAdatok
total room capacity	ferohelyAdatok.osszesFerohelyKapacitas
out-of-order room capacity	ferohelyAdatok.oooFerohelyKapacitas
out-of-service room capacity	ferohelyAdatok.oosFerohelyKapacitas
capacity of rooms rented out	ferohelyAdatok.kiadottFerohelyKapacitas
capacity of rooms available for rent	ferohelyAdatok.kiadhatoFerohelyKapacitas
tourism tax data	napiFeltoltes.ifaAdatok
tourism tax type	ifaAdatok.ifaTipus
tourism tax rate	ifaAdatok.ifaMertek
accommodation unit nights	napiFeltoltes.lakoegysegEjszakak
accommodation unit night	lakoegysegEjszakak.lakoegysegEjszaka
accommodation unit sold	lakoegysegEjszaka.ertekesitettLakoegyseg

				accommodation unit					ertekesitettLakoegyseg.lakoegyseg
					building				lakoegyseg.epulet
					room number				lakoegyseg. szobaszam
					type of accommodation unit				lakoegyseg. tipus
					number of single beds				lakoegyseg. egyfosAgySzam
					number of double beds				lakoegyseg. ketfosAgySzam
					number of extra beds				lakoegyseg. potAgySzam
				sales channel					ertekesitettLakoegyseg. ertekesitesiCsatorna
				market segment					ertekesitettLakoegyseg.piaciSzegmens
				booking number					ertekesitettLakoegyseg.foglalasiSzam
				spendings					ertekesitettLakoegyseg. koltesek
					spending				koltesek. koltes
						amount of spending			koltes. osszeg
						type of spending			koltes. koltesTipus
						subtype of spending			koltes. koltesAlTipus
				charge items					ertekesitettLakoegyseg. terhelesek
					accommodation package charge items				terhelesek.csomagbeliTerhelesek
						accommodation package charge item			csomagbeliTerhelesek. terheles
							accommodation package charge item total amount		terheles. osszeg
							accommodation package charge item **main category**		terheles.**foKategoria**
							accommodation package charge item **subcategory**		terheles.**alKategoria**
							accommodation package charge item VAT rate		terheles. afaKulcs
								accommodation package charge item VAT rate percentage	terheles. afaKulcs. szazalek

					charges outside accommodation package					terhelesek.csomagonkivuliiTerhelesek
						charge outside accommodation package				csomagonkivuliiTerhelesek.terheles
							amount of charge outside accommodation package			terheles. osszeg
							main category of charge outside accommodation package			terheles.foKategoria
							subcategory of charge outside accommodation package			terheles.alKategoria
							VAT rate of charge outside accommodation package			terheles. afaKulcs
								VAT rate percentage of charge outside accommodation package		terheles. afaKulcs. szazalek
			guests							lakoegysegEjszaka. vendegek
				guest						vendegek. vendeg
					guest ID					vendeg. vendegId
					the guest’s year of birth					vendeg. szuletesiEv
					the guest’s sex					vendeg. nem
					citizenship country code					vendeg.allampolgarsagOrszagKod
					country code of residence					vendeg. lakohelyOrszagKod
					postal code of residence					vendeg. lakohelyIranyitoszam
					tourism tax status					vendeg. ifaStatusz
			day use							lakoegysegEjszaka.nappaliHasznalat
	out-of-service rooms									napiFeltoltes. uzemenKivuliSzobak
		accommodation unit								uzemenKivuliSzobak.lakoegyseg
			building							lakoegyseg.epulet
			room number							lakoegyseg. szobaszam
			type of accommodation unit							lakoegyseg. tipus

			number of single beds				lakoegyseg. egyfosAgySzam
			number of double beds				lakoegyseg. ketfosAgySzam
			number of extra beds				lakoegyseg. potAgySzam
	check-out date sales						napiFeltoltes.kijelentkezesNapiErtekesitesek
		accommodation unit sold					kijelentkezesNapiErtekesitesek.ertekesitettLakoegyseg
			accommodation unit				ertekesitettLakoegyseg.lakoegyseg
				building			lakoegyseg.epulet
				room number			lakoegyseg. szobaszam
				type of accommodation unit			lakoegyseg. tipus
				number of single beds			lakoegyseg. egyfosAgySzam
				number of double beds			lakoegyseg. ketfosAgySzam
				number of extra beds			lakoegyseg. potAgySzam
			sales channel				ertekesitettLakoegyseg. ertekesitesiCsatorna
			market segment				ertekesitettLakoegyseg.piaciSzegmens
			booking number				ertekesitettLakoegyseg.foglalasiSzam
			spendings				ertekesitettLakoegyseg. koltesek
				spending			koltesek. koltes
					amount of spending		koltes. osszeg
					type of spending		koltes. koltesTipus
					subtype of spending		koltes. koltesAlTipus
			charge items				ertekesitettLakoegyseg. terhelesek
				accommodation package charge items			terhelesek.csomagbeliTerhelesek
					accommodation package charge item		csomagbeliTerhelesek. terheles
						accommodation package charge item total amount	terheles. osszeg

						accommodation package charge item main category		terheles.**foKategoria**
						accommodation package charge item subcategory		terheles.**alKategoria**
						accommodation package charge item VAT rate		terheles. afaKulcs
							accommodation package charge item VAT rate percentage	terheles. afaKulcs. szazalek
				charges outside accommodation package				terhelesek.csomagonkivuliiTerhelesek
					charge outside accommodation package			csomagonkivuliiTerhelesek.terheles
						amount of charge outside accommodation package		terheles. osszeg
						main category of charge outside accommodation package		terheles.foKategoria
						subcategory of charge outside accommodation package		terheles.alKategoria
						VAT rate of charge outside accommodation package		terheles. afaKulcs
							VAT rate percentage of charge outside accommodation package	terheles. afaKulcs. szazalek
other charges								napiFeltoltes.egyebTerhelesek
other charge								egyebTerhelesek.egyebTerheles
			other charge amount					egyebTerheles. osszeg
			other charge main category					egyebTerheles.foKategoria
			other charge subcategory					egyebTerheles.alKategoria
			other charge VAT rate					egyebTerheles. afaKulcs
				other charge VAT rate percentage				egyebTerheles. afaKulcs. szazalek
other spendings								napiFeltoltes.egyebKoltesek
other spending								egyebKoltesek.egyebKoltes
			other spending amount					egyebKoltes. osszeg
			other spending type					egyebKoltes. koltesTipus
			other spending subtype					egyebKoltes. koltesAltipus

post-departure spendings					napiFeltoltes.tartozkodastKovetoKoltesek
	post-departure spending				tartozkodastKovetoKoltesek.tartozkodastKovetoKoltes
			post-departure spending booking number		tartozkodastKovetoKoltes.foglalasiSzam
			post-departure spending date		tartozkodastKovetoKoltes.datum
			post-departure spending item		tartozkodastKovetoKoltes.koltes
				post-departure spending amount	tartozkodastKovetoKoltes. koltes. osszeg
				post-departure spending type	tartozkodastKovetoKoltes. koltes. koltesTipus
				post-departure spending subtype	tartozkodastKovetoKoltes. koltes. koltesAlTipus
	post-departure charges				napiFeltoltes. tartozkodastKovetoTerhelesek
		post-departure charge			tartozkodastKovetoTerhelesek. tartozkodastKovetoTerheles
			post-departure charge booking number		tartozkodastKovetoTerheles. foglalasiSzam
			post-departure charge date		tartozkodastKovetoTerheles. datum
			post-departure charge item		tartozkodastKovetoTerheles. terheles
				post-departure charge amount	tartozkodastKovetoTerheles. terheles. osszeg
				post-departure charge main category	tartozkodastKovetoTerheles. terheles. foKategoria
				post-departure charge subcategory	tartozkodastKovetoTerheles. terheles. alKategoria
				post-departure charge VAT rate	tartozkodastKovetoTerheles. terheles. afaKulcs
				post-departure charge VAT rate percentage	tartozkodastKovetoTerheles. terheles. afaKulcs. Szazalek

10.2.1.1. Daily closure

Field	**napiFeltoltes**
Mandatory field	yes
Type	object
Size	1…n
Value set	-
May be repeated	No.
Note	The daily closure data is sent packaged in this object. IMPORTANT: The ability to submit daily closures for multiple transaction dates in batches has been removed from the PMS interface v9 endpoint, so the "daily uploads" (napiFeltoltesek) object, which combines individual daily upload objects, is no longer part of the daily closure message type.

Closed day

Field	**lezartNap**
Mandatory field	yes
Type	date
Size	-
Value set	RFC 3339 standard full-time, e.g. 2021-01-07
Information	The field denotes the transaction date whose data are sent in the napiFeltoltes element by the PMS software.
Note	The time limits for data reporting (message classification ‘UJ') were determined based on the date of NTDSC registration of the accommodation and the date of commencement of accommodation services, taking into account the 15-month hard limit, as specified in the '**Daily Closure Endpoint**". The NTDSC SZÁLLÁS system accepts the corrected version of the referenced day closure (message classification ‘MODOSITO') for 15 months back from the current day, as well as the missing days submitted during subsequent data supplementation (message classification ‘UJ').

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
<= sysDate	synchronous	JovobeliDatum	error

if classification='MODOSITO', then < sysDate – 15 months	synchronous	JavithatosagIdokorlat	error
if classification=UJ, and lezart_nap < GREATEST(sysDate - INTERVAL 15 MONTH, ntak_regisztracio_datuma, szolgáltatás_kezdete)	synchronous	AdatszolgaltatasIdokorlat	error

Daily closure classification

Field	**napiZarasBesorolas**
Mandatory field	yes
Type	object
Size	1…n
Value set	-
May be repeated	no
Note	new

10.2.1.2. Classification

Field	**besorolas**
Mandatory field	yes
Type	enum
Size	-
Value set	UJ MODOSITO
Information	Field for classifying a given daily closure message. The message must indicate whether the current message version is the first submission for the transaction date or a revised version thereof. If data has already been sent for a given transaction date and accepted by NTDSC, and the daily closure correction is attempted again as a message version classified as "UJ", this will be considered an error and the message will not be accepted.
Note	new field

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Type	Error key	Error type
It is not possible to resend the accepted	Asynchronous	MarLetezoUjZaras	error

closing data for a transaction date as a message version classified as "UJ".			

10.2.1.3. Protocol ID

Field	**jegyzokonyvAzonosito**
Mandatory field	conditional
Type	string
Size	25
Value set	any text
Information	It is necessary to record the correction of a given daily closure. A field for uniquely identifying the corrected message version. It is mandatory if the daily closure message classification is "MODOSITO", i.e. the original daily closure has been modified. If "UJ" classified message version, i.e. in the case of the first submission at the end of the day, the field must be left blank. The use of non-printable control characters is not permitted. Furthermore, the system performs a uniqueness check to ensure that no corrections are made with duplicate report IDs for a transaction date.
Note	new field

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Type	Error key	Error type
Conditionally mandatory: if dailyZarasBesorolas=MODOSITO	synchronous	NemUres	error
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
Uniqueness check	asynchronous	EgyedisegKorlatozas	error
if napiZarasBesorolas=UJ, then send empty	synchronous	UresMezo	error

10.2.1.4. Reason

Field	**indoklas**
Mandatory field	conditional
Type	enum
Size	-
Value set	VENDEG_VAGY_IFA_JAVITAS

	SZOBA_VAGY_FEROHELY_MOD TERHELES_VAGY_KOLTES_JAV SZAMLAMODOSITAS TECH_HIBA_ADATJAVITAS ELLENORZES_ELTERES_JAV ELOZO_BEKULDES_NEM_TELJES EGYEB
Information	It is necessary to provide a reason for the correction of the given daily closure and to forward this reason to NTDSC via the interface. It is mandatory if the daily closure message classification is "MODOSITO", i.e. the original daily closure has been modified. If "UJ" classified message version, i.e., in the case of the first submission at the end of the day, the field should NOT be sent. (In the case of UJ classification 1. Submitting an empty field results in a synchronous error. 2. Sending the correct enum results in a schema error.) Description of value set: the reason for the changes must be classified under one of the following categories • Correcting guest data or tourism tax items • Incorrect room or capacity correction • Correction of charge or spending items • Invoice modification • Correction of incorrect data due to technical errors • Correcting data discrepancies identified during verification • Previous submission was incomplete • Other reasons
Note	new field

Error messages

If the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Type	Error key	Error type
Conditionally mandatory: if napiZarasBesorolas=MODOSITO	Synchronous	NemUres	error
if napiZarasBesorolas=UJ, then item should NOT be sent	synchronous	NemKuldendoElem	error

Date and time of closure

Field	**lezarasIdopont**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2019-02-28T02:36:00Z

Information	The field describes the time and date when the actual closure of the day occurred. This date may be different from the date of the closed day. Specified by the sender.
Note	

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate + 2h	synchronous	JovobeliDatum	error

Accommodation is not operating

Field	**szallashelyNemUzemel**
Mandatory field	yes
Type	boolean
Size	-
Value set	true/false
Information	If the accommodation is closed on the given day, the value of this field is "true". If the accommodation is open on that day, the value of this field is "false".
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

Room details

Field	**szobaAdatok**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	This object contains data describing the occupancy status of the accommodation.

10.2.2. All rooms

Field	**osszesSzoba**

Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Total rooms: On the transaction date, all rooms at the accommodation, whether available or unavailable. 1<=x<=1000
Note	Validation restriction: must match the total number of accommodation units specified during NTDSC registration, and consistency checks are performed within the message. The message must satisfy the consistency rule All rooms = available + out-of-order + out of service. If the accommodation is not operating on a given day (**the value of the szallashelyNemUzemel flag is true**), then the value of "all rooms" is equal to "OOO" and the value of the other rooms is zero.

Error messages

Validation	Processing Type	Error key	Error type
Its value differs from the value specified in the NTDSC registration data.	asynchronous	ElteresRegisztraltAdatokban	warning
Consistency check in room breakdown: Total rooms = available + out of order + out of service?	synchronous	OsszesSzobaszamEllentmondas	warning
if szallashelyNemUzemel flag is true, then All rooms = out-of-order (other rooms have a value of zero)	synchronous	nemUzemeloSzobak	warning
1<=x<=1000	synchronous	HibasErtek	error

10.2.3. Out-of-order rooms

Field	**oooSzobak**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Out-of-order rooms: Number of rooms not in operation on a transaction date in the long term. (*Generally rooms that cannot be booked by guests due to renovation/planned capacity reduction.) 0<=x<=1000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0<=x<=1000	synchronous	HibasErtek	error

10.2.4. Out-of-service rooms

Field	**oosSzobak**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Out-of-service rooms: Number of rooms not in operation on a transaction date. (*Rooms that are not in operation are generally available for guests to book.) 0<=x<=1000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0<=x<=1000	synchronous	HibasErtek	error

10.2.5. Rooms rented out

Field	**kiadottSzobak**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Rooms rented out: The number of rooms occupied by guests on a given day. Departing and day use rooms are not included. 0<=x<=1000
Note	Validation has become more strict: Its value must correspond to the number of accommodation units sold. The message also checks the logical rule that the number of rooms rented out cannot exceed the number of rooms available for rent.

Error messages

Validation	Processing Type	Error key	Error type
Its value differs from the number of accommodation units sold.	synchronous	KiadottDarabszamElteres	warning

0<=x<=1000	synchronous	HibasErtek	error
number of rooms rented out <= number of rooms available for rent	synchronous	TobbKiadott	warning

10.2.6. Rooms available

Field	**kiadhatoSzobak**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	0<=x<=1000 Rooms available: The number of rooms (accommodation units) where guests can be accommodated on a given day, regardless of whether or not they are currently occupied by guests. The number of rooms available for rent thus includes the number of rooms rented out, but not the number of rooms that are out of service (OOS and OOO).
Note	

Error messages

Validation	Processing Type	Error key	Error type
0<=x<=1000	synchronous	HibasErtek	error

Capacity data

Field	**ferohelyAdatok**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	This object contains data describing the occupancy rate of the accommodation.

10.2.7. Total room capacity

Field	**osszesFerohelyKapacitas**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Number of beds available in all rooms at the accommodation, EXCLUDING extra beds.

	warning if •this differs from the value specified in the NTDSC registration data (maximum number of beds available) •if there is inconsistency in the breakdown of capacity: Total capacity = available + out-of-order + out of service •Not fulfilled within the message: Total number of rooms =< Total capacity
Note	new field

Error messages

Validation	Processing Type	Error key	Error type
Its value differs from the value specified in the NTDSC registration data.	asynchronous	ElteresRegisztraltAdatokban	warning
Consistency check in capacity allocation: Total capacity = available + out-of-order + out of service	synchronous	FerohelyekEllentmondasa	warning
Not fulfilled within the message: Total number of rooms =< Total capacity	synchronous	HibasFerohelyOsszeg	warning

10.2.8. Capacity of out-of-order rooms

Field	**oooFerohelyKapacitas**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Number of rooms available on a given day at the accommodation, EXCLUDING extra beds. Warning if •Not fulfilled within the message: Number of OOO rooms =< OOO capacity •empty
Note	new field

Error messages

Validation	Processing Type	Error key	Error type
Not fulfilled within the message: Number of OOO rooms =< OOO capacity	synchronous	HibasOooOsszeg	warning

10.2.9. Capacity of out-of-service rooms

Field	**oosFerohelyKapacitas**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Number of beds available in out-of-service rooms on a given day at the accommodation, EXCLUDING extra beds. Warning if •Not fulfilled within the message: Number of OOS rooms =< OOS capacity •empty
Note	new field

Error messages

Validation	Processing Type	Error key	Error type
Not fulfilled within the message: Number of OOS rooms =< OOS capacity	synchronous	HibasOosOsszeg	warning

10.2.10. Capacity of rooms rented out

Field	**kiadottFerohelyKapacitas**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of beds available in rooms rented out on a given day at the accommodation, EXCLUDING extra beds that can be added. Warning if •Not fulfilled within the message: number of rooms rented out =< capacity rooms rented out •empty
Note	new field

Error messages

Validation	Processing Type	Error key	Error type
Not fulfilled within the message: number of rooms rented out =< capacity of rooms rented out	synchronous	HibasKiadottHelySzam	warning

10.2.11. Capacity of rooms available for rent

Field	**kiadhatoFerohelyKapacitas**
Mandatory field	yes

Type	integer
Size	-
Value set	whole number
Information	The number of beds available in rooms that are available on a given day at the accommodation, EXCLUDING extra beds that can be added. Warning if •Not fulfilled within the message: number of rooms available =< available capacity •empty
Note	new field

Error messages

Validation	Processing Type	Error key	Error type
Not fulfilled within the message: number of rooms available for rent =< avilable accommodation capacity	synchronous	HibasKiadhatoHelySzam	warning

10.2.1. Tourism tax data

Field	**ifaAdatok**
Mandatory field	conditional
Type	object
Size	-
Value set	-
Note	Each daily upload block contains one such object, which includes the tourism tax type and tourism tax rate elements used by the PMS and valid on the given day. If the accommodation is open on a given day, i.e. the szallashelyNemUzemel element is false, then this element must be sent. If the szallashelyNemUzemel element is true, then the ifaAdatok element cannot appear in the napiFeltoltes object.

Error messages

Validation	Type	Error key	Error type
It is mandatory if the accommodation is szallashelyNemUzemel = false.	synchronous	KotelezoMezo	error
if szallashelyNemUzemel = true, then the element should not be sent	synchronous	NemKuldendoElem	error

10.2.1.1. tourism tax type

Field	**ifaTipusa**
Mandatory field	yes
Type	string
Size	-
Value set	Text field, value set: SZAZALEKOS TETELES NINCS
Information	The field contains information on what type of tourism tax was applied at the given accommodation on the transaction date in the PMS software, percentage or itemised (fixed price), or, if the competent local government provided information that no tourist tax was levied in its area, the value NINCS should be sent. If the parent root element (ifaAdatok element) is included in the napiFeltoltes, i. e. szálláshelyNemUzemel=false, then the field is mandatory. If the local government has not set the tourism tax rate effective on the transaction date in NTDSC, this field must still be completed. This check is based on the provisions of the chapter "Managing Tourism Tax**Hiba! A hivatkozási forrás nem található.**“ and the so-called The range of tourism tax data available at the “Tourism tax query endpoint".
Note	The interface validates that this value corresponds to the data set by the local government and valid on the given day. If the local government has not set the tourism tax (IFA) rate effective on the transaction date in NTDSC, the system will not validate the submitted value, but the sending system will be notified of this fact in the response message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or is submitted empty, it is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
value set	asynchronous	ifaTipusHiba	warning
Tourism tax rate not recorded in NTDSC	asynchronous	HianyzoIfaMertek	warning

10.2.1.2. tourism tax rate

Field	**ifaMertek**
Mandatory field	yes
Type	double
Size	-
Value set	any number
Information	The field in the PMS software contains the tourism tax value used for tourism tax calculations, the value of which is In the case of the PERCENTAGE TOURISM TAX type, this is understood to be a percentage and can be filled in with a number between 1 and 100, even if it is a fraction, In the case of FIXED RATE TOURISM TAX, this is understood to be in Hungarian forints. This can be filled in with any integer between 1 and 1000. If the local government has not set the tourism tax rate effective on the transaction date in NTDSC, this field must still be completed. If the local government responsible for the accommodation has confirmed that no tourism tax has been levied in its area, then a value of 0 should be submitted!
Note	The interface validates whether this value corresponds to the rate set by the local government and valid on the given day. This check is based on the information provided in the chapter "**Hiba! A hivatkozási forrás nem található.**" and the so-called The range of tourism tax data available at the “Tourism tax query endpoint". If the local government has not set the tourism tax rate effective on the transaction date in NTDSC, the system will not validate the submitted value.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or is submitted empty, it is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
For PERCENTAGE TOURISM TAX type: 1=< x <=100 In the case of FIXED RATE TOURISM TAX: 1 <= x <1000 NINCS (none) for tourism tax type: x = 0	synchronous	HibasErtek	error
Verification of the use of the tourism tax rate valid on the transaction date	asynchronous	TargynaponErvenyesIfa	warning

10.2.2. Accommodation unit nights

Field	**lakoegysegEjszakak**
Mandatory field	conditional
Type	object
Size	-
Value set	-
Note	Each daily upload block contains one such object, which combines the lakoegysegejszaka blocks. An accommodation unit may contain data on one accommodation unit sold. If the szallashelyNemUzemel element is true, then the lakoegysegEjszakak element cannot appear in the napiFeltoltes element.

Error messages

Validation	Type	Error key	Error type
if szallashelyNemUzemel = true, then the element should not be sent	synchronous	nemKuldendoElem	error

10.2.2.1. Accommodation unit night

Field	**lakoegysegEjszaka**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	This object contains data on the accommodation unit sold, guest data, and checks whether the accommodation unit sold has been rented for day use. There are as many lakoegysegEjszaka objects as there are accommodation units sold. If the parent root element (lakoegysegEjszakak) is included in the daily update, i. e. szálláshelyNemUzemel = false, then the field is mandatory.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or is submitted empty, it is considered a schema error and the message will be rejected.

Accommodation units sold

Field	**ertekesitettLakoegyseg**
Mandatory field	yes
Type	object
Size	-
Value set	-
May be repeated	no
Note	It combines the elements of accommodation units, sales channels, spendings and charges. It is mandatory if there is a accommodation unit night block attached to the message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or is submitted empty, it is considered a schema error and the message will be rejected.

Accommodation unit

Field	**lakoegyseg**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated.
Note	Contains basic information about the accommodation unit: information about day use, building, number of rooms, type, number of single beds, number of double beds, number of extra beds. It is mandatory if there is a sold accommodation unit block attached to the message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or is submitted empty, it is considered a schema error and the message will be rejected.

10.2.3. Building

Field	**epulet**
Mandatory field	yes
Type	string
Size	50
Value set	any text

Information	The building value serves to ensure that the combination of building and room number can always be used as a unique identifier, even in the case of accommodation facilities where the same room numbers may appear in several buildings. For a single building, a constant value should be sent. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.2.4. Room number

Field	**szobaszam**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	It serves as a unique identifier for individual accommodation units within an accommodation, together with the aforementioned building identifier. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.2.5. Type of accommodation unit

Field	**tipus**
Mandatory field	yes
Type	enum
Size	-
Value set	ECONOMY, STANDARD, SUPERIOR, JUNIOR_SUITE, SUITE, MOBILHAZ, UDULOHAZ, PARCELLA, SATORHELY_KEMPINGHELY, EGYEDI, PRIVAT_SZOBA_KOZOS_FURDOVEL, PRIVAT_SZOBA_SAJAT_FURDOVEL, HALOTERMI_AGY, APARTMAN, EGYEB
Information	The accommodation units must be categorized based on a pre-defined list.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.2.6. Number of single beds

Field	**egyfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of single beds in the accommodation unit. Therefore if egyfosAgySzam=2, we are talking about two single beds, a total capacity of two people. 0 <= x < 1,000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

10.2.7. Number of double beds

Field	**ketfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of double beds in the accommodation unit. Therefore if ketfosAgySzam=2, we are talking about two double beds, a total capacity of four people. 0 <= x < 1,000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

10.2.8. Number of extra beds

Field	**potAgySzam**
Mandatory field	no
Type	integer
Size	-
Value set	whole number
Information	Number of guests accommodated on extra beds in the accommodation unit. 0 <= x < 10 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

Booking number

Field	**foglalasiSzam**

Mandatory field	yes
Type	string
Size	255
Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The booking number for the accommodation unit night. The same booking number must be sent in advance booking messages and in event-driven messages associated with the booking number. The use of non-printable control characters is not permitted. In the case of accommodation units sold for guest nights, the amount of tourism tax submitted for the guest nights of the reservation will be checked retrospectively for each booking number. During the booking-level check, if the amount submitted does not correspond to the number of guests subject to tourism tax and the amount payable calculated on the basis of the tourism tax rate in force on the transaction dates, a warning will be returned. The description of tourism tax value validation can be found in the following chapter: "Calculation and submission of tourism taxCalculation and submission of tourism tax amountsamounts".
Note	

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error
The amount of tourism tax per guest subject to tourism tax, fixed at the booking level (percentage/fixed price), is incorrect based on the tourism tax information valid on the transaction date.	asynchronous	FoglalasSzintuIfa	warning

Market segment

Field	**piaciSzegmens**
Mandatory field	yes
Type	enum
Size	-
Value set	SZABADIDOS_EGYENI (individual, leisure booking) SZABADIDOS_CSOPORTOS (group, leisure booking) UZLETI_EGYENI (individual, business booking)

	UZLETI_CSOPORTOS (group, business booking) ISMERETLEN (booking with an unknown purpose)
Information	Market segment value associated with accommodation unit night.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Sales channel

Field	**ertekesitesiCsatorna**
Mandatory field	yes
Type	enum
Size	-
Value set	DIREKT_ONLINE DIREKT_HAGYOMANYOS KOZVETITO_ONLINE KOZVETITO_HAGYOMANYOS
Information	The accommodation unit sold must be categorised according to predetermined sales channels.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Spendings

Field	**koltesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	It summarises the spending items associated with a accommodation unit. Spendings must be submitted on the closure date if they were actually received on the closure date (closure date = date of financial settlement – with the

	exception of the rule regarding the submission of advance payments).

Spending

Field	**koltes**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	Contains data for 1 spending item. The spending is a gross item paid by the guest, the amount and payment method (type) of which is recorded by the NTDSC system (the VAT rate is not recorded). The accommodation has an invoice issued for the spending.

10.2.9. Spending amount

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount of a spending (deposit), which may be either negative or positive. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error message in the form of a warning from the NTAK SZÁLLÁS system; however, messages containing amounts that exceed the secondary extreme value threshold limitsare considered completely invalid and are given the status TELJESEN_HIBAS.
Note	Important: NTDSC only accepts whole numbers for the amount of spendings, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning

The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning

10.2.10. Type of spending

Field	**koltesTipus**
Mandatory field	yes
Type	enum
Size	-
Value set	BANKKARTYA KESZPENZ SZEP_KARTYA ATUTALAS UTALVANY UTOLAGOS EGYEB
Information	The payment method of spending (type of spending) must be specified in this field according to a predefined set of values.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.2.11. Spending subtype

Field	**koltesAlTipus**
Mandatory field	conditional
Type	enum
Size	-
Value set	SZALLASHELY
Information	If the type of spending is a SZÉP Card, then in this field it is possible to specify the subtype of spending from a predefined set of values. With the 2023 discontinuation of the SZÉP Card pockets, the value to be sent via the PMS interface is "SZALLASHELY". If it is not a case of SZÉP card spending, this field should not be sent.
Note	

Error messages

If the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
mandatory if the type of payment is SZÉP Card	synchronous	KotelezoMezo	error
If you choose a payment method other than SZÉP Card, please leave this field blank.	synchronous	HibasKitoltes	error

Charges

Field	**terhelesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	It summarises the consumption charges that are part of the accommodation package associated with the booking of an accommodation unit and those that are not included in the accommodation package.

Accommodation package charge items

Field	**csomagbeliTerhelesek**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	It summarises the charge items associated with an accommodation unit that form part of the accommodation package linked to the booking.

Accommodation package charge item

Field	**terheles**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	Contains data for 1 charge. Charge: The gross amount charged to the guest's account for a service, including VAT and service category, which has not necessarily been settled yet.

10.2.12. Accommodation package charge item amount

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount charged for consumption items included in an accommodation package covering one night's accommodation, which cannot be negative. If a negative value is submitted, the message will be rejected with a synchronous error. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error message in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list.
Note	Important: NTDSC only accepts whole numbers for the sum of charges, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning
x < 0	synchronous	Negativ	error

10.2.13. Accommodation Package Charge Item Main Category

Field	**foKategoria**
Mandatory field	yes
Type	string

Size	255
Value set	Text field, accepted value set: See the appendix "**Hiba! A hivatkozási forrás nem található.**".
Information	Consumption items related to the booking must be further broken down into NTDSC main and subcategories in order to be combined with the catering revenue data provided on the RMS interface in v9 and the revenue data from visits to tourist attractions submitted on the TSS interface. Further validation takes place in the event that a guest has been registered in the accommodation unit, in which case the ACCOMMODATION FEE charge (included in the accommodation package) is mandatory.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration. The "Consumption within the accommodation package related to the booking" and "Consumption outside the accommodation package related to the booking" types form two separate blocks within the charges in the daily closure message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error
Validation of guest accommodation fee charges	synchronous	KotelezoSzallasdij	warning
mandatory	synchronous	NemUres	error

10.2.14. Accommodation Package Charge Item subcategory

Field	**alKategoria**
Mandatory field	yes
Type	string
Size	255

Value set	Text field, accepted value set: See the appendix "**Hiba! A hivatkozási forrás nem található.**".
Information	Consumption items related to the booking must be further broken down into NTDSC main and subcategories in order to be combined with the catering revenue data provided on the RMS interface in v9 and the revenue data from visits to tourist attractions submitted on the TSS interface.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error

10.2.15. Accommodation Package Charge Item VAT rate

Field	**afaKulcs**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	List of VAT rates applicable to goods or services

10.2.15.1. Accommodation Package Charge Item VAT rate %

Field	**szazalek**
Mandatory field	yes
Type	enum
Size	-
Value set	[0, 5, 18, 27]
Information	Per cent value of VAT applicable to the product or service.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Charge Items Outside Accommodation Package

Field	**csomagonkivuliTerhelesek**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	It summarises the items of consumption outside the accommodation package associated with the booking for an accommodation unit.

Charge Item Outside Accommodation Package

Field	**terheles**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	Contains data for 1 charge. Charge: The gross amount charged to the guest's account for a service, including VAT and service category, which has not necessarily been settled yet.

10.2.16. Amount of Charge Item Outside Accommodation Package

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount charged for one guest night, which cannot be negative. If a negative value is submitted, the message will be rejected with a synchronous error. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an

	error message in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list. % tourism tax value validation: Accommodation fee per guest staying in a room and subject to tourism tax * Tourism tax rate =? Amount submitted Fixed rate tourism tax: Guests staying in rooms subject to tourism tax * Tourism tax rate =? Amount submitted
Note	Important: NTDSC only accepts whole numbers for the sum of charges, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning
In the case of fixed rate tourism tax: Guests staying in rooms subject to tourism tax * Tourism tax rate =? Amount submitted In the case of % tourism tax: Accommodation fee per guest staying in a room and subject to tourism tax * Tourism tax rate =? Amount submitted	asynchronous	ErvenytelenIfa	warning
x<0	synchronous	Negativ	error

10.2.17. Main category of Charge Item Outside Accommodation Package

Field	**foKategoria**
Mandatory field	yes
Type	string
Size	255

Value set	Text field, accepted value set: See the appendix "**Hiba! Érvénytelen eredmény.**".
Information	Consumption items related to the booking must be further broken down into NTDSC main and subcategories in order to be combined with the catering revenue data provided on the RMS interface in v9 and the revenue data from visits to tourist attractions submitted on the TSS interface. Further validation is performed to ensure that if an tourism tax-subject guest is registered in the accommodation unit, the tourism tax charge must also be registered.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration. The "Consumption within the accommodation package related to the booking" and "Consumption outside the accommodation package related to the booking" types form two separate blocks within the charges in the daily closure message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error
mandatory	synchronous	NemUres	error
Validation of tourism tax charges to be recorded for guests subject to tourism tax	synchronous	IfaTerhelesHianya	warning

10.2.18. Subcategory of Charge Item Outside Accommodation Package

Field	**alKategoria**
Mandatory field	yes
Type	string
Size	255
Value set	Text field, accepted value set: See the appendix "**Hiba! Érvénytelen eredmény.**".
Information	Consumption items related to the booking must be further broken down into NTDSC main and subcategories in order to be combined with the catering revenue data provided on the RMS interface in v9 and the revenue data from visits to tourist attractions submitted on the TSS interface.

Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error

10.2.19. VAT rate of Charge Item Outside Accommodation Package

Field	**afaKulcs**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	List of VAT rates applicable to goods or services

10.2.19.1. VAT rate % of Charge Item Outside Accommodation Package

Field	**szazalek**
Mandatory field	yes
Type	enum
Size	-
Value set	[0, 5, 18, 27]
Information	Per cent value of VAT applicable to the product or service.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Guests

Field	**vendegek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	This field is used to describe the details of guests staying in the sold accommodation unit; its elements are the registered guests.

Guest

Field	**vendeg**
Mandatory field	conditional
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated.
Note	It contains the details of a specific guest.

10.2.20. Guest ID

Field	**vendegId**
Mandatory field	yes
Type	string
Size	31
Value set	-
Information	A hash generated from the guest's data, which serves as a unique identifier.
Note	Validation has become more strict: The uniqueness of the guest ID is verified in the message; if it is repeated within the same day, error warning is returned in the response message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or if the field length exceeds the permitted character limit, this is considered a schema error and results in the message being rejected.

Validation	Processing Type	Error key	Error type
Uniqueness check	synchronous	IsmetlodoAzonosito	warning
mandatory	synchronous	NemUres	error

10.2.21. Guest's year of birth

Field	**szuletesiEv**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The guest's year of birth. Required field. The age of the guests submitted will be verified: the PMS interface rejects the submitted message if a date earlier than 110 years prior to the current year is entered in the "szuletesiEv" field for a guest. Furthermore, the message is received, but a warning is returned in the response message if the field contains a suspiciously unrealistic value – the following occurrences are checked: • the guest's age reaches 100 years: [current year] - x > 100 • guest's year of birth is in the future: [current year] - x < 0
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
x < T-110	synchronous	HibasSzuletesiEv	error
[current year] - x > 100	synchronous	MagasEletkor	warning
[current year] - x < 0	synchronous	HibasErtek	warning

10.2.22. The guest's sex.

Field	**nem**
Mandatory field	yes
Type	enum
Size	-
Value set	„NO"

	„FERFI” „EGYEB_VAGY_NEM_ISMERT”
Information	The guest's sex, which must be specified from a predefined set of values.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

10.2.23. Guest's nationality

Field	**allampolgarsagOrszagKod**
Mandatory field	yes
Type	string
Size	255
Value set	"[A-Z]{2}”
Information	The two-letter country code for the guest’s nationality. ISO 3166-1 alpha-2. Important: The "EGYEB" value has been removed! The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface".
Note	Change in value set!

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	HibasOrszagKod	error

10.2.24. Country of residence of guest

Field	**lakohelyOrszagKod**
Mandatory field	yes
Type	string
Size	255
Value set	"[A-Z]{2}”
Information	The two-letter country code indicating the guest's country of residence. ISO 3166-1 alpha-2. Important: The "EGYEB" value has been removed! The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface".

Note	Change in value set!

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	HibasOrszagKod	error

10.2.25. Postal code of guest's place of residence

Field	**lakohelyIranyitoszam**
Mandatory field	yes
Type	string
Size	255
Value set	any text
Information	Postal code of the guest's residence. The use of non-printable control characters is not permitted. Hungarian postal codes are validated to 4 digits; if a value in a different format is submitted, the daily closure message with incorrect data will not be accepted. Important: Compliance with the formal requirements applicable to the postal codes of the prominent sending countries published by Visit Hungary is verified on the PMS interface.
Note	Validation requirements have become more strict

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or if the field length exceeds the permitted character limit, this is considered a schema error and results in the message being rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
formal error in the prominent sending country postal code	synchronous	IrszHiba	warning
mandatory	synchronous	NemUres	error

10.2.26. Guest tourism tax status

Field	**ifaStatusz**
Mandatory field	yes
Type	string
Size	-

Value set	free text
Information	Types of guest tourism tax obligations and exemptions. The field has been modified at the PMS interface v9 endpoint so that the interface receives and validates detailed tourism tax obligation and exemption information based on the settings in NTDSC and general legal exemption categories. The submission of published legal exemption categories valid on the transaction date is required in accordance with the PMS interface coding ("KOTELES", "im..."). The change affecting the value set also includes the removal of the submission of tourism tax types introduced by local government (at endpoint v8) as “EGYEB" values. The value entered in the field is validated to ensure that it complies with the exemption categories valid on the date of submission as defined by the local government responsible for the accommodation provider. The path to the file available in JSON format is as follows: https://szallas.ntak.hu/public/onkormanyzat-ifa-info Further details on the handling of tourism tax can be found in the section Managing Tourism Tax in this document.
Note	change in value set and stricter validation

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set: the value of the field does not correspond to the exemption categories **valid on the date of submission (lezartNap) at the local government of the data-submitting accommodation** / the competent local government has not set the valid exemption category in NTDSC/ the legal exemption category has been submitted with an invalid value (it has expired)	asynchronous	NemHatalyosIfaMentesseg	warning

10.2.27. Day use

Field	**nappaliHasznalat**
Mandatory field	yes
Type	boolean
Size	-
Value set	true/false
Information	The nappaliHasznalat field means that a certain ErtekesitettLakoegyseg was used on 'day use' basis and only during the day, i.e. the guest did not spend the night in the given accommodation unit. In case of day use, a particular ErtekesitettLakoegyseg may even be sent on the LakoegysegEjszakak list multiple times; however, it can only be sent once with the value of the nappaliHasznalat field set to false (since only a single night may be spent in a certain accommodation unit every day).
Note	

Error messages

Validation	Processing Type	Error key	Error type
lakoegyseg. epulet=[n]+ lakoegyseg. szobaszam=[n]+ lakoegyseg.nappali Hasznalat= [hamis] can only appear once in the message	synchronous	NappaliHasznalatHiba	error

Rooms out of service

Field	**uzemenKivuliSzobak**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
Information	The root element serves as a collection object. Information about rooms that are not currently available at the accommodation. The following information must be provided for rooms that are not in use: building, room number, type, number of single beds, number of double beds, number of extra beds.
Note	Validation restriction: consistency check with the number of Out-of-Order and Out-of-Service rooms: The number of rooms listed in the uzemenKivuliSzobak message unit of the daily closure message must match the sum of oooSzobak and oosSzobak. The block may also be sent empty if no Out-of-Order and/or Out-of-Service rooms were recorded on the transaction date, but the root element is a mandatory part of the message structure.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
consistency check with the number of Out-of-Order and Out-of-Service rooms: The number of rooms listed in the uzemenKivuliSzobak message unit of the daily closure message must match the sum of oooSzobak and oosSzobak.	synchronous	UzemenKivuliSzobakSzama	warning

Accommodation unit

Field	**lakoegyseg**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated.
Note	Contains basic information about the accommodation unit: building, number of rooms, type, number of single beds, number of double beds, number of extra beds.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or is submitted empty, it is considered a schema error and the message will be rejected.

Building

Field	**epulet**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	The building value serves to ensure that the combination of building and room number can always be used as a unique identifier, even in the case of accommodation facilities where the same room numbers may appear in several buildings. For a single building, a constant value should be sent. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

Room number

Field	**szobaszam**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	It serves as a unique identifier for individual accommodation units within an accommodation, together with the aforementioned building identifier. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

Type of accommodation unit

Field	**tipus**

Mandatory field	yes
Type	enum
Size	-
Value set	ECONOMY, STANDARD, SUPERIOR, JUNIOR_SUITE, SUITE, MOBILHAZ, UDULOHAZ, PARCELLA, SATORHELY_KEMPINGHELY, EGYEDI, PRIVAT_SZOBA_KOZOS_FURDOVEL, PRIVAT_SZOBA_SAJAT_FURDOVEL, HALOTERMI_AGY, APARTMAN, EGYEB
Information	The accommodation units must be categorized based on a pre-defined list.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Number of single beds

Field	**egyfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of single beds in the accommodation unit. Therefore if egyfosAgySzam=2, we are talking about two single beds, a total capacity of two people. 0 <= x < 1 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

Number of double beds

Field	**ketfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of double beds in the accommodation unit. Therefore if ketfosAgySzam=2, we are talking about two double beds, a total capacity of four people. 0 <= x < 1 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

Number of extra beds

Field	**potAgySzam**
Mandatory field	no
Type	integer
Size	-
Value set	whole number
Information	Number of guests accommodated on extra beds in the accommodation unit. 0 <= x < 10 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

10.2.28. Check-out date sales

Field	**kijelentkezesNapiErtekesitesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	It contains data on the accommodation units sold, their charges and spendings, from which the guests checked out on the day to be closed. This object consists of six main parts:

	- accommodation unitdata (building, number of rooms, number of single beds, number of double beds, number of extra beds) - sales channel - market segment -booking number - charges incurred on the day of check-out that can be linked to accommodation units (broken down into accommodation package consumption items and outside-accommodation-package charge items) - spendings incurred on the day of check-out that can be linked to accommodation units If the szallashelyNemUzemel element is true, then the kijelentkezesNapiErtekesitesek element cannot appear in a napiFeltoltes type element. Important: Every room that has been checked out must appear in this element (even if there are no charges or spendings associated with it). The tourism tax charges payable for guests subject to tourism tax must be recorded no later than the day of check-out, so these items resulting from subsequent data recording relating to the given reservation must be sent within the check-out date sales message unit, among the charges outside the accommodation package. Note: It is not possible to submit accommodation fees for the day of check-out. The outstanding charge must be recorded retrospectively for the relevant guest night and the complete daily closure must be resubmitted to NTDSC with the correct content. For details of the accepted charge item value set in check-out date sales, see the appendix "NTDSC main and subcategories".

Error messages

Validation	Type	Error key	Error type
if szallashelyNemUzemel = true, then the element should not be sent	synchronous	nemKuldendoElem	error

10.2.28.1. Booking number

Field	**foglalasiSzam**
Mandatory field	yes
Type	string
Size	255
Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The booking number for the accommodation unit night. The same booking number must be sent in advance booking

	messages and in event-driven messages associated with the booking number. The use of non-printable control characters is not permitted. The tourism tax amount submitted for the guest nights of the reservation is checked retrospectively for each booking number within the check-out date sales message unit. During the booking-level check, if the amount submitted does not correspond to the number of guests subject to tourism tax and the amount payable calculated on the basis of the tourism tax rate in force on the transaction dates, a warning will be returned. The description of tourism tax value validation can be found in the following chapter: "Calculation and submission of tourism taxCalculation and submission of tourism tax amountsamounts".
Note	

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error
The amount of tourism tax per guest subject to tourism tax, fixed at the booking level (percentage/fixed price), is incorrect based on the tourism tax information valid on the transaction date.	asynchronous	FoglalasSzintuIfa	warning

10.2.28.2. Accommodation package charge item amount

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount charged for consumption items included in an accommodation package, which will be charged on the day of check-out.

	If a negative value is submitted, the message will be rejected with a synchronous error. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error message in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list.
Note	Important: NTDSC only accepts whole numbers for the sum of charges, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning
x < 0	synchronous	Negativ	error

10.2.28.3. Amount of Charge Items Outside Accommodation Package

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount of a charge item, which cannot be negative. If a negative value is submitted, the message will be rejected with a synchronous error. An exception to this is PMSs integrated with a billing programme submitting tourism tax charge corrections. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error message in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list.

Note	Important: NTDSC only accepts whole numbers for the sum of charges, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning
x<0 and main category <> tourism tax	synchronous	NegativTerhelesHiba	error

Other Spendings

Field	**egyebKoltesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	It covers other spendings not related to an accommodation unit. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error message in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list. If the szallashelyNemUzemel element is true, then the egyebKoltesek element cannot appear in a napiFeltoltes type element.

Error messages

Validation	Type	Error key	Error type

if szallashelyNemUzemel = true, then the element should not be sent	synchronous	nemKuldendoElem	error

Other Spending

Field	**egyebKoltes**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	Contains data on certain spendings not attributable to accommodation units.

10.2.29. Other spending amount

Field	**egyebKoltes osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The amount of spending related to items recorded as other revenue arising from accommodation services, which may be either negative or positive. Important: Data on revenue from non-accommodation services must be submitted on a daily basis for the transaction date.
Note	Important: NTDSC only accepts whole numbers for the amount of spendings, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning

The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning

10.2.30. Other spending type

Field	**egyebKoltesTipus**
Mandatory field	yes
Type	enum
Size	-
Value set	BANKKARTYA KESZPENZ SZEP_KARTYA ATUTALAS UTALVANY UTOLAGOS EGYEB
Information	The payment method (type of spending) for other guest spendings must be specified in this field according to a predefined set of values.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.2.31. Other spending sub-type

Field	**koltesAlTipus**
Mandatory field	conditional
Type	enum
Size	-
Value set	SZALLASHELY
Information	If the type of spending is a SZÉP Card, then in this field it is possible to specify the subtype of spending from a predefined set of values. With the 2023 discontinuation of the SZÉP Card pockets, the value to be sent via the PMS interface is "SZALLASHELY". If it is not a case of SZÉP card spending, this field should not be sent.
Note	

Error messages

If the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
If you choose a payment method other than SZÉP Card, please leave this field blank.	synchronous	HibasKitoltes	error
mandatory if the type of payment is SZÉP Card	synchronous	KotelezoMezo	error

Other Charges

Field	**egyebTerhelesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	It collects other charges that cannot be linked to an accommodation unit. Important: Data on revenue from non-accommodation services must be submitted on a daily basis for the transaction date. If the szallashelyNemUzemel element is true, then the egyebTerhelesek element cannot appear in a napiFeltoltes type element.

Error messages

Validation	Type	Error key	Error type
if szallashelyNemUzemel = true, then the element should not be sent	synchronous	nemKuldendoElem	error

Other Charge

Field	**egyebTerheles**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	Data on certain charges that cannot be linked to accommodation units.

10.2.32. Other charges total

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	Amounts recorded as other revenue arising from accommodation services, which may be either negative or positive.
Note	In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error message in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list. Important: NTDSC only accepts whole numbers for the sum of charges, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning

10.2.33. Other charge main category

Field	**foKategoria**
Mandatory field	yes
Type	string
Size	255
Value set	

	Text field, accepted value set: See the appendix "NTDSC main and subcategoriesOther consumption not related to accommodation services".
Information	Revenues from non-accommodation services must be further broken down into NTDSC main and subcategories on the v9 interface version in order to be combined with the hospitality revenue data provided on the RMS interface and the revenue data from tourist attraction visits submitted on the TSS interface.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error
mandatory	synchronous	NemUres	error

10.2.34. Other charge subcategory

Field	**alKategoria**
Mandatory field	yes
Type	string
Size	255
Value set	Text field, accepted value set: See the appendix "NTDSC main and subcategoriesOther consumption not related to accommodation services".
Information	Revenues from non-accommodation services must be further broken down into NTDSC main and subcategories on the v9 interface version in order to be combined with the hospitality revenue data provided on the RMS interface and the revenue data from tourist attraction visits submitted on the TSS interface.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error

Post-departure spendings

Field	**tartozkodastKovetoKoltesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	Data type summarising post-departure spendings.

Post-departure Spending

Field	**tartozkodastKovetoKoltes**
Mandatory field	no
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	c

10.2.35. Post-departure spending booking number

Field	**foglalasiSzam**
Mandatory field	yes
Type	string
Size	255
Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The booking number serves as payment identification for the booking of 1 accommodation unit night. The same booking number must be sent in advance booking messages and in event-driven messages associated with the booking number. The use of non-printable control characters is not permitted.

Note	

Error messages

If the length of the field exceeds the permitted character limit, it is considered a schema error and the message is rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.2.36. Date of post-departure spending

Field	**datumH**
Mandatory field	no
Type	date
Size	-
Value set	RFC 3339 standard full-time, e.g. 2021-01-07
Information	The invoice date to which this correction item relates must be indicated here.
Note	

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate	synchronous	JovobeliDatum	error
>= sysDate – 15m	synchronous	MultbeliDatum	error

10.2.37. Post-departure spending item

Field	**koltes**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	no
Note	Contains data on 1 post-departure spending. Used to submit data for bill adjustments related to accommodation units.

10.2.38. Amount of post-departure spending

Field	**osszeg**

Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount of post-departure spending (payment), which may be either positive or negative. The values of the extreme value limits defined based on the type of spending can be found in the chapter "Limits on spending and post-departure spending" in the annexes.
Note	Important: NTDSC only accepts whole numbers for the amount of spendings, not decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning

10.2.39. Post-departure spending type

Field	**koltesTipus**
Mandatory field	yes
Type	enum
Size	-
Value set	BANKKARTYA KESZPENZ SZEP_KARTYA ATUTALAS UTALVANY UTOLAGOS EGYEB
Information	Payment method for post-departure spending. Elements of a predefined set of values may be included here.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration),

the message will be rejected. The error is returned as a schema error in a synchronous response.

10.2.40. Post-departure spending subtype

Field	**koltesAlTipus**
Mandatory field	conditional
Type	enum
Size	-
Value set	SZALLASHELY
Information	If the type of spending is a SZÉP Card, then in this field it is possible to specify the subtype of spending from a predefined set of values. With the 2023 discontinuation of the SZÉP Card pockets, the value to be sent via the PMS interface is "SZALLASHELY". If it is not a case of SZÉP card spending, this field should not be sent.
Note	

Error messages

If the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
If you choose a payment method other than SZÉP Card, please leave this field blank.	synchronous	HibasKitoltes	error
mandatory if the type of payment is SZÉP Card	synchronous	KotelezoMezo	error

Post-departure Charges

Field	**tartozkodastKovetoTerhelesek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	Data type summarising post-departure charges.

Post-departure Charge

Field	**tartozkodastKovetoTerheles**
Mandatory field	no
Type	array
Size	1…n
Value set	-
May be repeated	at least one block, but it may be repeated.
Note	Contains data on 1 post-departure charge. Used to submit data on subsequent charges related to a booking.

10.2.41. Booking number for Post-departure Charges

Field	**foglalasiSzam**
Mandatory field	yes
Type	string
Size	255
Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The booking number serves as an invoice correction identifier for booking 1 accommodation unit night. The same booking number must be sent in advance booking messages and in event-driven messages associated with the booking number. The use of non-printable control characters is not permitted.
Note	

Error messages

If the length of the field exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.2.42. Date of Post-departure Charge

Field	**datum**
Mandatory field	yes
Type	date
Size	-
Value set	RFC 3339 standard full-time, e.g. 2021-01-07

Information	Here, you must indicate the travel dates of the guest/reservation to whom the post-departure charge applies.
Note	

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate	synchronous	JovobeliDatum	error
>= sysDate – 15m	synchronous	MultbeliDatum	error

10.2.43. Post-departure Charge Item

Field	**terheles**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	no
Note	Used to submit data for bill adjustments related to accommodation units. It summarises the data for 1 post-departure charge transaction: amount, category, whether it belongs to the tourism tax category; VAT rate.

10.2.44. Amount of Post-departure charge

Field	**osszeg**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	The gross amount of a charge, which may NOT be negative. In cases where the primary extreme value threshold specified in the document is exceeded, the sending system receives an error in the form of a warning from the NTDSC SZÁLLÁS system, but messages containing amounts exceeding the secondary extreme value threshold limits are considered errors and are added to the error list.
Note	Important: NTDSC only accepts whole numbers for the sum of charges, not decimals!

Error messages

Validation	Processing Type	Error key	Error type

Its value exceeds the secondary extreme value maximum limit.	asynchronous	MasodlagosMax	error
Its value exceeds the secondary extreme value minimum limit.	asynchronous	MasodlagosMin	error
The value of the field exceeds the primary extreme value maximum limit.	asynchronous	ElsodlegesMax	warning
The value of the field exceeds the primary extreme value minimum limit.	asynchronous	ElsodlegesMin	warning
x<0	synchronous	Negativ	error

10.2.45. Post-Departure Charge Main Category

Field	**foKategoria**
Mandatory field	yes
Type	string
Size	255
Value set	Text field, accepted value set: See the appendix "Post-departure Charges".
Information	Consumption items related to the booking must be further broken down in v9 into NTDSC main and subcategories in order to be combined with the catering revenue data provided on the RMS interface and the revenue data from tourist attraction visits submitted on the TSS interface.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error
mandatory	synchronous	NemUres	error

10.2.46. Post-departure charge subcategory

Field	**alKategoria**
Mandatory field	yes
Type	string
Size	255
Value set	Text field, accepted value set: See the appendix "Post-departure Charges".
Information	Consumption items related to the booking must be further broken down in v9 into NTDSC main and subcategories in order to be combined with the catering revenue data provided on the RMS interface and the revenue data from tourist attraction visits submitted on the TSS interface.
Note	In order to ensure that the expansion of the value set does not necessitate interface modifications in every case, the data field type and accepted values have not been defined as an enumeration.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set	synchronous	HibasKategoria	error

10.2.47. Post-departure charge VAT rate

Field	**afaKulcs**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	List of VAT rates applicable to goods or services

10.2.47.1. Post-departure charge VAT rate %

Field	**szazalek**

Mandatory field	yes
Type	enum
Size	-
Value set	[0, 5, 18, 27]
Information	Per cent value of VAT applicable to the product or service.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.3. Elements of the event-driven request

Field name	XML
Header (see “Structure of message header”)	
Event-driven data transmission request	esemenyvezereltAdatkuldesRequest
events	esemenyvezereltAdatkuldesRequest.esemenyek
check in:	esemenyek.erkezett
event	erkezett.vendegEvent
date and time of event	vendegEvent.idopont
booking number	vendegEvent.foglalasiSzam
guests	vendegEvent.vendegek
guest	vendegek.vendeg
guest ID	vendeg.vendegId
the guest’s year of birth	vendeg.szuletesiEv
the guest’s sex	vendeg.nem
guest's nationality	vendeg.allampolgarsagOrszagKod
guest’s country of residence	vendeg.lakohelyOrszagKod
guest residence postal code	vendeg.lakohelyIranyitoszam
guest tourism tax status	vendeg.ifaStatusz
accommodation unit	vendegEvent.lakoegyseg
building	lakoegyseg.epulet
room number	lakoegyseg.szobaszam
type of accommodation unit	lakoegyseg.tipus
number of single beds	lakoegyseg.egyfosAgySzam
number of double beds	lakoegyseg.ketfosAgySzam
number of extra beds	lakoegyseg.potAgySzam
check out:	esemenyek.tavozott
event	tavozott.vendegEvent
date and time of event	vendegEvent.idopont
booking number	vendegEvent.foglalasiSzam

guests	vendegEvent.vendegek
guest	vendegek.vendeg
guest ID	vendeg.vendegId
the guest’s year of birth	vendeg.szuletesiEv
the guest’s sex	vendeg.nem
guest's nationality	vendeg.allampolgarsagOrszagKod
guest’s country of residence	vendeg.lakohelyOrszagKod
guest residence postal code	vendeg.lakohelyIranyitoszam
guest tourism tax status	vendeg.ifaStatusz
accommodation unit	vendegEvent.lakoegyseg
building	lakoegyseg.epulet
room number	lakoegyseg.szobaszam
type of accommodation unit	lakoegyseg.tipus
number of single beds	lakoegyseg.egyfosAgySzam
number of double beds	lakoegyseg.ketfosAgySzam
number of extra beds	lakoegyseg.potAgySzam
accommodation unit change	esemenyek.lakoegysegetCserelt
change event	lakoegysegetCserelt.lakoegysegCsereEvent
date and time of event	vendegEvent.idopont
booking number	vendegEvent.foglalasiSzam
guests	vendegEvent.vendegek
guest	vendegek.vendeg
guest ID	vendeg.vendegId
the guest’s year of birth	vendeg.szuletesiEv
the guest’s sex	vendeg.nem
guest's nationality	vendeg.allampolgarsagOrszagKod
guest’s country of residence	vendeg.lakohelyOrszagKod
guest residence postal code	vendeg.lakohelyIranyitoszam
guest tourism tax status	vendeg.ifaStatusz
accommodation unit that was left	lakoegysegCsereEvent.elhagyottLakoegyseg
building	elhagyottLakoegyseg.epulet
room number	elhagyottLakoegyseg.szobaszam

					type of accommodation unit	elhagyottLakoegyseg.tipus
					number of single beds	elhagyottLakoegyseg.egyfosAgySzam
					number of double beds	elhagyottLakoegyseg.ketfosAgySzam
					number of extra beds	elhagyottLakoegyseg.potAgySzam
				accommodation unit that was occupied		lakoegysegCsereEvent.elfoglaltLakoegyseg
					building	elfoglaltLakoegyseg.epulet
					room number	elfoglaltLakoegyseg.szobaszam
					type of accommodation unit	elfoglaltLakoegyseg.tipus
					number of single beds	elfoglaltLakoegyseg.egyfosAgySzam
					number of double beds	elfoglaltLakoegyseg.ketfosAgySzam
					number of extra beds	elfoglaltLakoegyseg.potAgySzam

10.3.1. Events

Field	**esemenyek**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	Combines event types accepted by the NTDSC system (check-in, check-out, change of accommodation unit)

10.3.1.1. Check in:

Field	**erkezett**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	Object containing multiple check-in events. (at least one block, but may be repeated)
Note	

Event

Field	**vendegEvent**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	An object containing 1 event (check-in/check-out/change), which includes the time of the event and the details of the guests and accommodation unit(s) affected by the event. (at least one block, but may be repeated)

Date and time of event

Field	**idopont**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2019-02-28T02:36:00Z
Information	Date of guest check-in/check-out/change of accommodation unit

Note	-

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate + 2h	synchronous	JovobeliDatum	error

Booking number

Field	**foglalasiSzam**
Mandatory field	yes
Type	string
Size	255
Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The booking number for the event. The use of non-printable control characters is not permitted.
Note	

Error messages

If the length of the field exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

Guests

Field	**vendegek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	Collects data on guests who have checked in/out or changed accommodation units. The structure of the root element is the same as in the daily closure message.

Guest

Field	**vendeg**
Mandatory field	conditional
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated.
Note	It contains the details of a specific guest.

10.3.2. Guest ID

Field	**vendegId**
Mandatory field	yes
Type	string
Size	31
Value set	-
Information	A hash generated from the guest's data, which serves as a unique identifier.
Note	Validation has become more strict: The uniqueness of the guest ID is verified in the message; if it is repeated within the same day, error warning is returned in the response message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or if the field length exceeds the permitted character limit, this is considered a schema error and results in the message being rejected.

Validation	Processing Type	Error key	Error type
Uniqueness check	synchronous	IsmetlodoAzonosito	warning
mandatory	synchronous	NemUres	error

10.3.3. Guest's year of birth

Field	**szuletesiEv**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The guest’s year of birth. Required field. The age of the guests submitted will be verified: the PMS interface rejects the submitted message if a date earlier than 110 years prior to the current year is entered in the "szuletesiEv" field for a guest. Furthermore, the message is received, but a warning is returned in the response message if the field contains a

	suspiciously unrealistic value – the following occurrences are checked: • the guest's age reaches 100 years: [current year] - x > 100 • guest's year of birth is in the future: [current year] - x < 0
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
x < T-110	synchronous	HibasSzuletesiEv	error
[current year] - x > 100	synchronous	MagasEletkor	warning
[current year] - x < 0	synchronous	HibasErtek	warning

10.3.4. The guest's sex.

Field	**nem**
Mandatory field	yes
Type	enum
Size	-
Value set	„NO” „FERFI” „EGYEB_VAGY_NEM_ISMERT”
Information	The guest's sex, which must be specified from a predefined set of values.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

10.3.5. Guest's nationality

Field	**allampolgarsagOrszagKod**
Mandatory field	yes
Type	string
Size	255
Value set	"[A-Z]{2}”
Information	The two-letter country code for the guest's nationality. ISO 3166-1 alpha-2. Important: The "EGYEB" value has been removed!

	The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface".
Note	Change in value set!

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	HibasOrszagKod	error

10.3.6. Country of residence of guest

Field	**lakohelyOrszagKod**
Mandatory field	yes
Type	string
Size	255
Value set	"[A-Z]{2}"
Information	The two-letter country code indicating the guest's country of residence. ISO 3166-1 alpha-2. Important: The "EGYEB" value has been removed! The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface".
Note	Change in value set!

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	HibasOrszagKod	error

10.3.7. Postal code of guest's place of residence

Field	**lakohelyIranyitoszam**
Mandatory field	yes
Type	string
Size	255
Value set	any text
Information	Postal code of the guest’s residence. The use of non-printable control characters is not permitted. Hungarian postal codes are validated to 4 digits; if a value in a different format is submitted, the daily closure message with incorrect data will not be accepted. Important: Compliance with the formal requirements applicable to the postal codes of the prominent sending countries published by Visit Hungary is verified on the PMS interface.

Note	Validation requirements have become more strict

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or if the field length exceeds the permitted character limit, this is considered a schema error and results in the message being rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
formal error in the prominent sending country postal code	synchronous	IrszHiba	warning
mandatory	synchronous	NemUres	error

10.3.8. Guest tourism tax status

Field	**ifaStatusz**
Mandatory field	yes
Type	string
Size	-
Value set	free text
Information	Types of guest tourism tax obligations and exemptions. The field has been modified at the PMS interface v9 endpoint so that the interface receives and validates detailed tourism tax obligation and exemption information based on the settings in NTDSC and general legal exemption categories. The submission of published legal exemption categories valid on the transaction date is required in accordance with the PMS interface coding ("KOTELES", "im..."). The change affecting the value set also includes the removal of the submission of tourism tax types introduced by local government (at endpoint v8) as “EGYEB" values. The value entered in the field is validated to ensure that it complies with the exemption categories valid on the date of submission as defined by the local government responsible for the accommodation provider. The path to the file available in the referenced JSON format is as follows: https://szallas.ntak.hu/public/onkormanyzat-ifa-info Further details on the handling of tourism tax can be found in the section "Managing Tourism Tax”**Hiba! A hivatkozási forrás nem található.** in this document.
Note	change in value set and stricter validation

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set: the value of the field does not correspond to the exemption categories valid on the date of submission at the local government responsible for the accommodation that submitted the data / the legal exemption category was submitted with an invalid value	asynchronous	NemHatalyosIfaMentesseg	warning

Accommodation unit

Field	**lakoegyseg**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated.
Note	The accommodation unit where the check-in / check-out occurred. Contains basic information about the accommodation unit: building, number of rooms, type, number of single beds, number of double beds, number of extra beds. Mandatory element,

10.3.9. Building

Field	**epulet**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	The building value serves to ensure that the combination of building and room number can always be used as a unique identifier, even in the case of accommodation facilities where the same room numbers may appear in several buildings. For a single building, a constant value should be sent. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.3.10. Room number

Field	**szobaszam**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	It serves as a unique identifier for individual accommodation units within an accommodation, together with the aforementioned building identifier. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.3.11. Type of accommodation unit

Field	**tipus**
Mandatory field	yes
Type	enum
Size	-
Value set	ECONOMY, STANDARD, SUPERIOR,

	JUNIOR_SUITE, SUITE, MOBILHAZ, UDULOHAZ, PARCELLA, SATORHELY_KEMPINGHELY, EGYEDI, PRIVAT_SZOBA_KOZOS_FURDOVEL, PRIVAT_SZOBA_SAJAT_FURDOVEL, HALOTERMI_AGY, APARTMAN, EGYEB
Information	The accommodation units must be categorized based on a pre-defined list.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.3.12. Number of single beds

Field	**egyfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of single beds in the accommodation unit. Therefore if egyfosAgySzam=2, we are talking about two single beds, a total capacity of two people. 0 <= x < 1 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

10.3.13. Number of double beds

Field	**ketfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number

Information	The number of double beds in the accommodation unit. Therefore if ketfosAgySzam=2, we are talking about two double beds, a total capacity of four people. 0 <= x < 1 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

10.3.14. Number of extra beds

Field	**potAgySzam**
Mandatory field	no
Type	integer
Size	-
Value set	whole number
Information	Number of guests accommodated on extra beds in the accommodation unit. 0 <= x < 10 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

10.3.14.1. Checkout:

Field	**tavozott**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	An object containing multiple departure events. (at least one block, but may be repeated) Same elements as the arrival event: vendegEvent, vendegek, lakoegyseg.
Note	

10.3.14.1. Change of accommodation unit

Field	**lakoegysegetCsereIt**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	An object containing multiple accommodation unit change events.
Note	

Change Event

Field	**lakoegysegCsereEvent**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	1 accommodation unit containing a change event. This event is sent if the guests change room at the accommodation. It includes the following elements: the time of the change, details of the guests and accommodation units involved in the event (accommodation units left and occupied).

Date and time of event

Field	**idopont**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2019-02-28T02:36:00Z
Information	Date of guest check-in/check-out/change of accommodation unit
Note	-

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate + 2h	synchronous	JovobeliDatum	error

Booking number

Field	**foglalasiSzam**
Mandatory field	yes
Type	string
Size	255

Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The booking number for the event. The use of non-printable control characters is not permitted.
Note	

Error messages

If the length of the field exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

Guests

Field	**vendegek**
Mandatory field	no
Type	object
Size	-
Value set	-
Note	Collects data on guests who have checked in/out or changed accommodation units. The structure of the root element is the same as in the daily closure message.

Guest

Field	**vendeg**
Mandatory field	conditional
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated.
Note	It contains the details of a specific guest.

10.3.15. Guest ID

Field	**vendegId**
Mandatory field	yes
Type	string
Size	31
Value set	-
Information	A hash generated from the guest's data, which serves as a unique identifier.

Note	Validation has become more strict: The uniqueness of the guest ID is verified in the message; if it is repeated within the same day, error warning is returned in the response message.

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or if the field length exceeds the permitted character limit, this is considered a schema error and results in the message being rejected.

Validation	Processing Type	Error key	Error type
Uniqueness check	synchronous	IsmetlodoAzonosito	warning
mandatory	synchronous	NemUres	error

10.3.16. Guest's year of birth

Field	**szuletesiEv**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The guest's year of birth. Required field. The age of the guests submitted will be verified: the PMS interface rejects the submitted message if a date earlier than 110 years prior to the current year is entered in the "szuletesiEv" field for a guest. Furthermore, the message is received, but a warning is returned in the response message if the field contains a suspiciously unrealistic value – the following occurrences are checked: • the guest's age reaches 100 years: [current year] - x > 100 • guest's year of birth is in the future: [current year] - x < 0
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
x < T-110	synchronous	HibasSzuletesiEv	error
[current year] - x > 100	synchronous	MagasEletkor	warning
[current year] - x < 0	synchronous	HibasErtek	warning

10.3.17. The guest’s sex.

Field	**nem**
Mandatory field	yes
Type	enum
Size	-
Value set	„NO” „FERFI” „EGYEB_VAGY_NEM_ISMERT”
Information	The guest's sex, which must be specified from a predefined set of values.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

10.3.18. Guest's nationality

Field	**allampolgarsagOrszagKod**
Mandatory field	yes
Type	string
Size	255
Value set	"[A-Z]{2}”
Information	The two-letter country code for the guest’s nationality. ISO 3166-1 alpha-2. Important: The "EGYEB" value has been removed! The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface".
Note	Change in value set!

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	HibasOrszagKod	error

10.3.19. Country of residence of guest

Field	**lakohelyOrszagKod**
Mandatory field	yes
Type	string
Size	255
Value set	"[A-Z]{2}"
Information	The two-letter country code indicating the guest's country of residence. ISO 3166-1 alpha-2. Important: The "EGYEB" value has been removed! The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface".
Note	Change in value set!

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	HibasOrszagKod	error

10.3.20. Postal code of guest's place of residence

Field	**lakohelyIranyitoszam**
Mandatory field	yes
Type	string
Size	255
Value set	any text
Information	Postal code of the guest’s residence. The use of non-printable control characters is not permitted. Hungarian postal codes are validated to 4 digits; if a value in a different format is submitted, the daily closure message with incorrect data will not be accepted. Important: Compliance with the formal requirements applicable to the postal codes of the prominent sending countries published by Visit Hungary is verified on the PMS interface.
Note	Validation requirements have become more strict

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or if the field length exceeds the permitted character limit, this is considered a schema error and results in the message being rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error

formal error in the prominent sending country postal code	synchronous	IrszHiba	warning
mandatory	synchronous	NemUres	error

10.3.21. Guest tourism tax status

Field	**ifaStatusz**
Mandatory field	yes
Type	string
Size	-
Value set	free text
Information	Types of guest tourism tax obligations and exemptions. The field has been modified at the PMS interface v9 endpoint so that the interface receives and validates detailed tourism tax obligation and exemption information based on the settings on the municipal portal and general legal exemption categories. The submission of published legal exemption categories valid on the transaction date is required in accordance with the PMS interface coding ("KOTELES", "im..."). The change affecting the value set also includes the removal of the submission of tourism tax types introduced by local government (at endpoint v8) as “EGYEB" values. The value entered in the field is validated to ensure that it complies with the exemption categories valid on the date of submission as defined by the local government responsible for the accommodation provider. The path to the file available in the referenced JSON format is as follows: https://szallas.ntak.hu/public/onkormanyzat-ifa-info Further details on the handling of tourism tax can be found in the section "Managing Tourism Tax” in this document.
Note	change in value set and stricter validation

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
value set: the value of the field does not correspond to the exemption categories valid on the date of	asynchronous	NemHatalyosIfaMentesseg	warning

submission at the local government of the data-submitting accommodation / the competent local government has not set the valid exemption title in NTDSC/ the legal exemption category has been submitted with an invalid value			

Accommodation unit that was left

Field	**elhagyottLakoegyseg**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	no
Note	The accommodation unit left by the guests during the change of accommodation units.

10.3.22. Building

Field	**epulet**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	The building value serves to ensure that the combination of building and room number can always be used as a unique identifier, even in the case of accommodation facilities where the same room numbers may appear in several buildings. For a single building, a constant value should be sent. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.3.23. Room number

Field	**szobaszam**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	It serves as a unique identifier for individual accommodation units within an accommodation, together with the aforementioned building identifier. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.3.24. Type of accommodation unit

Field	**tipus**
Mandatory field	yes
Type	enum
Size	-
Value set	ECONOMY, STANDARD, SUPERIOR, JUNIOR_SUITE, SUITE, MOBILHAZ, UDULOHAZ, PARCELLA, SATORHELY_KEMPINGHELY, EGYEDI, PRIVAT_SZOBA_KOZOS_FURDOVEL, PRIVAT_SZOBA_SAJAT_FURDOVEL,

	HALOTERMI_AGY, APARTMAN, EGYEB
Information	The accommodation units must be categorized based on a pre-defined list.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.3.25. Number of single beds

Field	**egyfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of single beds in the accommodation unit. Therefore if egyfosAgySzam=2, we are talking about two single beds, a total capacity of two people. 0 <= x < 1 000
Note	

Error messages

Validation	**Processing Type**	**Error key**	**Error type**
0 <= x < 10 000	synchronous	HibasErtek	error

10.3.26. Number of double beds

Field	**ketfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of double beds in the accommodation unit. Therefore if ketfosAgySzam=2, we are talking about two double beds, a total capacity of four people. 0 <= x < 1,000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

10.3.27. Number of extra beds

Field	**potAgySzam**
Mandatory field	no
Type	integer
Size	-
Value set	whole number
Information	Number of guests accommodated on extra beds in the accommodation unit. 0 <= x < 10 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

Accommodation unit occupied

Field	**elfoglaltLakoegyseg**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	no
Note	The accommodation unit that guests have newly occupied as part of a accommodation unit change event.

10.3.28. Building

Field	**epulet**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	The building value serves to ensure that the combination of building and room number can always be used as a unique identifier, even in the case of accommodation facilities where the same room numbers may appear in several buildings. For a single building, a constant value should be sent. The use of non-printable control characters is not permitted.

Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.3.29. Room number

Field	**szobaszam**
Mandatory field	yes
Type	string
Size	50
Value set	any text
Information	It serves as a unique identifier for individual accommodation units within an accommodation, together with the aforementioned building identifier. The use of non-printable control characters is not permitted.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the field length exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.3.30. Type of accommodation unit

Field	**tipus**
Mandatory field	yes
Type	enum

Size	-
Value set	ECONOMY, STANDARD, SUPERIOR, JUNIOR_SUITE, SUITE, MOBILHAZ, UDULOHAZ, PARCELLA, SATORHELY_KEMPINGHELY, EGYEDI, PRIVAT_SZOBA_KOZOS_FURDOVEL, PRIVAT_SZOBA_SAJAT_FURDOVEL, HALOTERMI_AGY, APARTMAN, EGYEB
Information	The accommodation units must be categorized based on a pre-defined list.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.3.31. Number of single beds

Field	**egyfosAgySzam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of single beds in the accommodation unit. Therefore if egyfosAgySzam=2, we are talking about two single beds, a total capacity of two people. 0 <= x < 1 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

10.3.32. Number of double beds

Field	**ketfosAgySzam**

Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The number of double beds in the accommodation unit. Therefore if ketfosAgySzam=2, we are talking about two double beds, a total capacity of four people. 0 <= x < 1 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 1 000	synchronous	HibasErtek	error

10.3.33. Number of extra beds

Field	**potAgySzam**
Mandatory field	no
Type	integer
Size	-
Value set	whole number
Information	Number of guests accommodated on extra beds in the accommodation unit. 0 <= x < 10 000
Note	

Error messages

Validation	Processing Type	Error key	Error type
0 <= x < 10 000	synchronous	HibasErtek	error

10.4. Booking event request elements

Field name	XML
Header (see “Structure of message header”)	
booking event request	foglalasEsemenyRequest
booking number	foglalasEsemenyRequest.foglalasiSzam
event creation	foglalasEsemenyRequest.esemenyLetrejotte
guaranteed booking	foglalasEsemenyRequest.garantaltFoglalas
cancelled	foglalasEsemenyRequest.lemondva
guest sending country	foglalasEsemenyRequest.vendegKuldoOrszaga
check in:	foglalasEsemenyRequest.erkezes
check out:	foglalasEsemenyRequest.tavozas
booking date and time	foglalasEsemenyRequest.foglalasIdopont
sales channel	foglalasEsemenyRequest.ertekesitesiCsatorna
gross amount of the booking	foglalasEsemenyRequest.foglalasBruttoOsszege
occupied accommodation units	foglalasEsemenyRequest.foglaltLakoegysegek
occupied accommodation unit	foglaltLakoegysegek.foglaltLakoegyseg
type of accommodation unit	foglaltLakoegyseg.tipus
capacity	foglaltLakoegyseg.ferohelyKapacitas
market segment	foglalasEsemenyRequest.piaciSzegmens
number of guests	foglalasEsemenyRequest.vendegszam

10.4.1. Booking number

Field	**foglalasiSzam**
Mandatory field	yes
Type	string
Size	255
Value set	any text, using the following special characters: slash, full stop, colon, comma, hyphen, underscore, (printable) space
Information	The reservation booking number for the accommodation unit night. The use of non-printable control characters is not permitted.
Note	

Error messages

If the length of the field exceeds the permitted character limit, this is considered a schema error and the message will be rejected.

Validation	Processing Type	Error key	Error type
The use of non-printable control characters is not permitted.	synchronous	Formatum	error
mandatory	synchronous	NemUres	error

10.4.2. Creation of an event

Field	**esemenyLetrejotte**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2019-02-28T02:36:00Z
Information	The field denotes the exact time and date when the booking event occurred. Events mapped to a single booking are sorted by time on the basis of this field. (In case multiple modifications are received for an event, this date will be decisive as to which version is the latest.) In the event that the PMS software submits two reservations with the same booking number and identical event timestamp, the NTDSC system will consider the two submitted reservation events to be duplicates of the same reservation.
Note	Validation requirements have become more strict

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate + 2h	synchronous	JovobeliDatum	error
duplicate message version	asynchronous	EgyedisegKorlatozas	error

10.4.3. Guaranteed booking

Field	**garantaltFoglalas**
Mandatory field	no
Type	boolean
Size	-
Value set	true/false
Information	The interface can handle and accept the certainty status of reservations, i.e. whether a given reservation is guaranteed or uncertain. The field may be left blank if the accommodation does not use this distinction.
Note	

Error messages

If the structure of the data does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

10.4.4. Cancelled

Field	**lemondva**
Mandatory field	yes
Type	boolean
Size	-
Value set	true/false
Information	Describes whether the given booking has been cancelled. If True, the booking will be registered with cancelled status. If False, the booking will be considered active. If the latest message version (based on the eventLetrejotte field) was sent with a value of lemondva=true, then the next message associated with that booking number will not be accepted if it also has a cancelled status.
Note	If a booking number (for which the last version was cancelled) subsequently receives a non-cancelled status version, it will be saved. (After this, the cancellation message sent for this purpose will also be deleted.)

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure, or if the data structure does not comply with the prescribed XML schema definitions for the type, the message will be rejected. The error is returned as a schema error in a synchronous response.

Validation	Processing Type	Error key	Error type
cancelled booking version update with cancellation	asynchronous	lemondasFrissites	error

10.4.5. Guest's nationality

Field	**vendegKuldoOrszaga**
Mandatory field	yes
Type	string
Size	-
Value set	"[A-Z]{2}|EGYEBKULFOLDI"
Information	The two-letter country code for the guest's nationality. ISO 3166-1 alpha-2. Important: Instead of "EGYEB", "EGYEBKULFOLDI" must be used for unknown countries of origin! The list of country codes accepted by the interface can be found in the appendix "List of country codes accepted by PMS Interface". Important: in the case of multiple guests, you must specify the sending country from which the majority of guests are arriving.
Note	Change in value set! Field name change: At the v8 endpoint of the PMS interface, the field name "foglaloAllampolgarsaga" appeared in the advance-booking message to submit the customer's nationality. At the v9 endpoint, the field was renamed according to the target value.

Error messages

Validation	Processing Type	Error key	Error type
mandatory	synchronous	NemUres	error
value set	synchronous	FoglalasOrszagKod	error

10.4.6. Check in

Field	**erkezes**
Mandatory field	yes
Type	date
Size	-

Value set	RFC 3339 standard full-time, e.g. 2021-01-07
Information	Expected date of arrival. Advance bookings for the current day will not be accepted on the interface. The arrival date cannot be more than 2 years in the future.
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
>= sysDate	synchronous	MultbeliDatum	error
<= sysDate year + 2	asynchronous	JovobeniErkezes	warning

10.4.7. Checkout:

Field	**tavozas**
Mandatory field	yes
Type	date
Size	-
Value set	Full date according to RFC 3339 standard, e.g. 2021-01-07
Information	Expected date of departure. The value of the field cannot be earlier than the arrival date.
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
>= date of arrival	synchronous	MultbeliTavozas	error

10.4.8. Date and time of booking

Field	**foglalasIdopont**
Mandatory field	yes
Type	dateTime
Size	-
Value set	date+time e.g.: 2019-02-28T02:36:00Z
Information	Date and time of booking.
Note	

Error messages

Validation	Processing Type	Error key	Error type
<= sysDate + 2h	synchronous	JovobeliDatum	error

10.4.9. Sales channel

Field	**ertekesitesiCsatorna**
Mandatory field	yes
Type	enum
Size	-
Value set	DIREKT_ONLINE DIREKT_HAGYOMANYOS KOZVETITO_ONLINE KOZVETITO_HAGYOMANYOS
Information	The accommodation unit sold must be categorised according to predetermined sales channels.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.4.10. Gross amount of booking

Field	**foglalasBruttoOsszege**
Mandatory field	yes
Type	integer
Size	-
Value set	any number
Information	Total booking amount including taxes, expressed as HUF. NTDSC checks the value of the field against the following extreme value limits: Primary extreme value limits: 0< x <100,000,000 (one hundred million), i.e. the gross amount of the booking must be recorded and its value may not exceed one hundred million. In the event of an incorrect value, the advance-booking message will be accepted with a warning.

	Secondary maximum extreme value limit: x < 1,000,000,000 (1 billion). In the event of an incorrect value being sent, NTDSC will not accept the advance-booking message.
Note	Important: NTDSC only accepts whole numbers for reservations, no decimals!

Error messages

Validation	Processing Type	Error key	Error type
Its value exceeds the secondary extreme value maximum limit.	synchronous	MasodlagosMax	error
The value of the field exceeds the primary extreme value maximum limit.	synchronous	ElsodlegesMax	warning
The field value does not reach the primary extreme value minimum.	synchronous	ElsodlegesMin	warning

10.4.11. Occupied accommodation units

Field	**foglaltLakoegysegek**
Mandatory field	yes
Type	object
Size	-
Value set	-
Note	This object contains a list of booked rooms. Mandatory message element.

10.4.11.1. Occupied accommodation unit

Field	**foglaltLakoegysegek**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	At least one block, but it may be repeated. An element describing a specific occupied accommodation unit.
Note	

Type of accommodation unit

Field	**tipus**
Mandatory field	yes
Type	enum
Size	-
Value set	ECONOMY, STANDARD, SUPERIOR, JUNIOR_SUITE, SUITE, MOBILHAZ, UDULOHAZ, PARCELLA, SATORHELY_KEMPINGHELY, EGYEDI, PRIVAT_SZOBA_KOZOS_FURDOVEL, PRIVAT_SZOBA_SAJAT_FURDOVEL, HALOTERMI_AGY, APARTMAN, EGYEB
Information	The accommodation units must be categorized based on a pre-defined list.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

Capacity

Field	**ferohelyKapacitas**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	Accommodation unit capacity without extra beds. This field is mandatory and must contain a positive integer less than 100.
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
0 < x < 100	synchronous	HibasErtek	error

10.4.12. Market segment

Field	**piaciSzegmens**
Mandatory field	yes
Type	enum
Size	-
Value set	SZABADIDOS_EGYENI (individual, leisure booking) SZABADIDOS_CSOPORTOS (group, leisure booking) UZLETI_EGYENI (individual, business booking) UZLETI_CSOPORTOS (group, business booking) ISMERETLEN (booking with an unknown purpose)
Information	Market segment value associated with accommodation unit night.
Note	

Error messages

The field is marked as mandatory in the schema. If the field is missing from the data structure or the specified value is not included in the predefined list of possible values (enumeration), the message will be rejected. The error is returned as a schema error in a synchronous response.

10.4.13. Number of guests

Field	**vendegszam**
Mandatory field	yes
Type	integer
Size	-
Value set	whole number
Information	The expected number of guests for the booking. This field is mandatory and must contain a positive integer less than 100. The value of the field cannot be greater than the total capacity of the accommodation units associated with the booking + 2*number of accommodation units (i.e. as if we were including +2 extra beds in each connected accommodation unit).
Note	validation has become more strict

Error messages

Validation	Processing Type	Error key	Error type
x <= total capacity of accommodation units + 2*number of accommodation units	synchronous	HibasErtek	error
0 < x < 100	synchronous	HibasErtek	error

10.5. Structure of a verification request message

Field name			XML
Header (see “Structure of message header”)			
	processing identifiers		ellenorzesRequest.feldolgozasAzonositok
		NTDSC system unique processing identifier	feldolgozasAzonositok.feldolgozasAzonosito

10.5.1. Processing identifiers

Field	**feldolgozasAzonositok**
Mandatory field	yes
Type	array
Size	1…n
Value set	-
May be repeated	The response message received at the daily closure/advance-booking/event-driven endpoint(s) contains the unique processing identifier generated by NTDSC.
Note	At least one block, but it may be repeated.

10.5.1. NTDSC system unique processing identifier

Field	**feldolgozasAzonosito**
Mandatory field	yes
Type	UUID
Size	36
Value set	-
Information	The response message received at the daily closure/advance-booking/event-driven endpoint(s) contains the unique processing identifier generated by NTDSC.
Note	

Error messages

Validation	Processing Type	Error key	Error type
valid identifier	synchronous	NemTalalhato	error

10.6. Structure of reponse message

10.6.1. In the case of acceptable requests

10.6.1.1. Daily closure/ Advance booking/ Event-driven message

If the data contained in the submitted Advance booking, Event-driven or Daily Closure message is correct based on preliminary checks and the system is able to accept the message, a processing identifier will be sent in a synchronous response, which can be used to query the status of the accepted message at the verification endpoint. Furthermore, suspicious items identified at this point are also listed in the response message, in the list of warnings.

Field name	XML
NTDSC system unique processing identifier	feldolgozasAzonosito
Warning list	figyelmeztetesLista
Error	hiba
Field name	mezoNeve
Value sent	kuldottErtek
Error key	hibaKulcs
Error message	hibaUzenet

10.6.1.2. In the case of a verification endpoint message

A successful request to the verification endpoint will receive a response with the following structure. The response message always contains the Processing identifiers that were queried and their corresponding Status.

If the message associated with the Processing ID has not yet been processed, the Status field will display "BEFOGADVA" and the other blocks containing items with incorrect data quality will not be displayed.

Once the message has been processed, its status and, in the event of an obvious or suspected error, its content will be listed in the relevant error list, grouped by item.

In the event of an error, the name of the affected field, the value sent, the relevant error code and error message will be detailed. Depending on which error handling category (error/warning) the incorrect item belongs to, it will be displayed in the appropriate list (hibaLista or figyelmeztetesLista). The status field values can be the following: BEFOGADVA, TELJESEN_HIBAS, VIZSGALANDO, TELJESEN_SIKERES, UJRA_KULDENDO.

In the event that the processing identifier(s) sent in the status request are incorrect, NTDSC will return the appropriate error code and error message in the response message, on the basis of which it is necessary to query the endpoint again, sending the correct identifier.

Structure of the message:

Field name					XML
NTDSC system unique processing identifiers					uzenetValasz
	NTDSC system unique processing identifier				feldolgozasAzonosito
		Type			tipus
		Status			statusz
			List of errors		hibaLista
				Error	hiba
				Field name	mezoNeve
				Value sent	kuldottErtek
				Error key	hibaKulcs
				Error message	hibaUzenet
			Warning list		figyelmeztetesLista
				Error	hiba
				Field name	mezoNeve
				Value sent	kuldottErtek
				Error key	hibaKulcs
				Error message	hibaUzenet

10.6.2. In the case of unacceptable requests

If the message sent is incorrect based on the information it contains and the system cannot accept it, the location and cause of the error will be sent in a synchronous response in the message structure below. The message may also contain items that are considered suspicious during processing but not necessarily errors, which are returned to the sending system in the list of warnings.

Message structure:

Field name			XML
List of errors			hibaLista
	Error		hiba
		Field name	mezoNeve
		Value sent	kuldottErtek
		Error key	hibaKulcs
		Error message	hibaUzenet
Warning list			figyelmeztetesLista
	Error		hiba
		Field name	mezoNeve
		Value sent	kuldottErtek
		Error key	hibaKulcs
		Error message	hibaUzenet

11. Examples of data transmission

11.1. Daily closure

11.1.1. Example of a daily closure request message to the daily closure endpoint (napiZarasRequest)

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v9="http://mtu.gov.hu/ntak/v9">
   <soapenv:Header/>
   <soapenv:Body>
     <v9:napiZarasRequest>
      <v9:uzenetAdatok>
<v9:uzenetId>686d1d95-a4b6-45d8-a260-94befe406099</v9:uzenetId>
<v9:uzenetKuldesIdeje>2025-11-27T12:36:00Z</v9:uzenetKuldesIdeje>
</v9:uzenetAdatok>
      <v9:szoftverAdatok>
        <v9:szoftverVerzio>v1</v9:szoftverVerzio>
        <v9:szoftverAzonosito>MINTA525252</v9:szoftverAzonosito>
      </v9:szoftverAdatok>
      <v9:szallashely>
     <v9:szallasRegisztraciosSzam>SZ25003491</v9:szallasRegisztraciosSzam>
        <v9:szallashelySzolgaltatoAdoszam>69861195-2-
44</v9:szallashelySzolgaltatoAdoszam>
      </v9:szallashely>
      <v9:napiFeltoltes>
        <v9:lezartNap>2025-11-26</v9:lezartNap>
        <v9:napiZarasBesorolas>
           <v9:besorolas>MODOSITO</v9:besorolas>
          <v9:jegyzokonyvAzonosito>3423424334444</v9:jegyzokonyvAzonosito>
           <v9:indoklas>SZAMLAMODOSITAS</v9:indoklas>
        </v9:napiZarasBesorolas>
        <v9:lezarasIdopont>2025-11-27T10:16:09Z</v9:lezarasIdopont>
        <v9:szallashelyNemUzemel>false</v9:szallashelyNemUzemel>
        <v9:szobaAdatok>
```

```
                  <v9:osszesSzoba>50</v9:osszesSzoba>
                  <v9:oooSzobak>1</v9:oooSzobak>
                  <v9:oosSzobak>0</v9:oosSzobak>
                  <v9:kiadottSzobak>1</v9:kiadottSzobak>
                  <v9:kiadhatoSzobak>49</v9:kiadhatoSzobak>
               </v9:szobaAdatok>
               <v9:ferohelyAdatok>
                  <v9:osszesFerohelyKapacitas>100</v9:osszesFerohelyKapacitas>
                  <v9:oooFerohelyKapacitas>1</v9:oooFerohelyKapacitas>
                  <v9:oosFerohelyKapacitas>0</v9:oosFerohelyKapacitas>
                  <v9:kiadottFerohelyKapacitas>1</v9:kiadottFerohelyKapacitas>
                  <v9:kiadhatoFerohelyKapacitas>99</v9:kiadhatoFerohelyKapacitas>
               </v9:ferohelyAdatok>
               <v9:ifaAdatok>
                <v9:ifaTipusa>TETELES</v9:ifaTipusa>
                <v9:ifaMertek>600</v9:ifaMertek>
               </v9:ifaAdatok>
               <v9:lakoegysegEjszakak>
                  <v9:lakoegysegEjszaka>
                    <v9:ertekesitettLakoegyseg>
                      <v9:lakoegyseg>
                        <v9:epulet>1</v9:epulet>
                        <v9:szobaszam>1</v9:szobaszam>
                        <v9:tipus>ECONOMY</v9:tipus>
                        <v9:egyfosAgySzam>1</v9:egyfosAgySzam>
                        <v9:ketfosAgySzam>0</v9:ketfosAgySzam>
                        <v9:potAgySzam>0</v9:potAgySzam>
                      </v9:lakoegyseg>
                      <v9:foglalasiSzam>123</v9:foglalasiSzam>
                      <v9:piaciSzegmens>SZABADIDOS_EGYENI</v9:piaciSzegmens>
<v9:ertekesitesiCsatorna>DIREKT_ONLINE</v9:ertekesitesiCsatorna>
                      <v9:koltesek>
                        <v9:koltes>
                           <v9:osszeg>5000</v9:osszeg>
                           <v9:koltesTipus>BANKKARTYA</v9:koltesTipus>
```

```
    </v9:koltes>
  </v9:koltesek>
  <v9:terhelesek>
    <v9:csomagbeliTerhelesek>
       <v9:csomagbeliTerheles>
         <v9:osszeg>25000</v9:osszeg>
         <v9:fokategoria>SZALLASDIJ</v9:fokategoria>
         <v9:alkategoria></v9:alkategoria>
         <v9:afaKulcs>
           <v9:szazalek>5</v9:szazalek>
         </v9:afaKulcs>
       </v9:csomagbeliTerheles>
       <v9:csomagbeliTerheles>
         <v9:osszeg>25500</v9:osszeg>
         <v9:fokategoria>ALLATKERT</v9:fokategoria>
         <v9:alkategoria>ALLATKERTI_PROGRAM</v9:alkategoria>
         <v9:afaKulcs>
           <v9:szazalek>27</v9:szazalek>
         </v9:afaKulcs>
       </v9:csomagbeliTerheles>
    </v9:csomagbeliTerhelesek>
    <v9:csomagonkivuliTerhelesek>
       <v9:csomagonkivuliTerheles>
         <v9:osszeg>600</v9:osszeg>
         <v9:fokategoria>IFA</v9:fokategoria>
         <v9:alkategoria></v9:alkategoria>
         <v9:afaKulcs>
           <v9:szazalek>27</v9:szazalek>
         </v9:afaKulcs>
       </v9:csomagonkivuliTerheles>
    </v9:csomagonkivuliTerhelesek>
  </v9:terhelesek>
</v9:ertekesitettLakoegyseg>
<v9:vendegek>
```

```
        <v9:vendeg>
          <v9:vendegId>Fb37WNHu65PHNy59TIIu21CWWz40XBn</v9:vendegId>
          <v9:szuletesiEv>1988</v9:szuletesiEv>
          <v9:nem>FERFI</v9:nem>
        <v9:allampolgarsagOrszagKod>HU</v9:allampolgarsagOrszagKod>
          <v9:lakohelyOrszagKod>HU</v9:lakohelyOrszagKod>
          <v9:lakohelyIranyitoszam>1012</v9:lakohelyIranyitoszam>
          <v9:ifaStatusz>KOTELES</v9:ifaStatusz>
        </v9:vendeg>
        <v9:vendeg>
          <v9:vendegId>Gb37WNHu65PHNy59TIIu21CWWz40XBn</v9:vendegId>
          <v9:szuletesiEv>2022</v9:szuletesiEv>
          <v9:nem>EGYEB_VAGY_NEM_ISMERT</v9:nem>
        <v9:allampolgarsagOrszagKod>HU</v9:allampolgarsagOrszagKod>
          <v9:lakohelyOrszagKod>HU</v9:lakohelyOrszagKod>
          <v9:lakohelyIranyitoszam>1012</v9:lakohelyIranyitoszam>
          <v9:ifaStatusz>im1</v9:ifaStatusz>
        </v9:vendeg>
      </v9:vendegek>
      <v9:nappaliHasznalat>false</v9:nappaliHasznalat>
    </v9:lakoegysegEjszaka>
</v9:lakoegysegEjszakak>
<v9:uzemenKivuliSzobak>
    <v9:lakoegyseg>
        <v9:epulet>1</v9:epulet>
        <v9:szobaszam>2</v9:szobaszam>
        <v9:tipus>ECONOMY</v9:tipus>
        <v9:egyfosAgySzam>1</v9:egyfosAgySzam>
        <v9:ketfosAgySzam>0</v9:ketfosAgySzam>
        <v9:potAgySzam>0</v9:potAgySzam>
    </v9:lakoegyseg>
</v9:uzemenKivuliSzobak>
<v9:kijelentkezesNapiErtekesitesek>

    <v9:ertekesitettLakoegyseg>
```

```
  <v9:lakoegyseg>
    <v9:epulet>1</v9:epulet>
    <v9:szobaszam>101</v9:szobaszam>
    <v9:tipus>ECONOMY</v9:tipus>
    <v9:egyfosAgySzam>9</v9:egyfosAgySzam>
    <v9:ketfosAgySzam>0</v9:ketfosAgySzam>
    <v9:potAgySzam>0</v9:potAgySzam>
  </v9:lakoegyseg>
  <v9:foglalasiSzam>200/21</v9:foglalasiSzam>
  <v9:piaciSzegmens>SZABADIDOS_EGYENI</v9:piaciSzegmens>
<v9:ertekesitesiCsatorna>DIREKT_ONLINE</v9:ertekesitesiCsatorna>
  <v9:koltesek>
    <v9:koltes>
      <v9:osszeg>1533</v9:osszeg>
      <v9:koltesTipus>KESZPENZ</v9:koltesTipus>
    </v9:koltes>
  </v9:koltesek>
  <v9:terhelesek>
    <v9:csomagbeliTerhelesek>
      <v9:csomagbeliTerheles>
         <v9:osszeg>5000</v9:osszeg>
         <v9:fokategoria>ALLATKERT</v9:fokategoria>
         <v9:alkategoria>VADASPARKI_PROGRAM</v9:alkategoria>
         <v9:afaKulcs>
           <v9:szazalek>27</v9:szazalek>
         </v9:afaKulcs>
      </v9:csomagbeliTerheles>
    </v9:csomagbeliTerhelesek>
    <v9:csomagonkivuliTerhelesek>
      <v9:csomagonkivuliTerheles>
         <v9:osszeg>1000</v9:osszeg>
         <v9:fokategoria>ETEL</v9:fokategoria>
         <v9:alkategoria>SZENDVICS</v9:alkategoria>
         <v9:afaKulcs>
           <v9:szazalek>27</v9:szazalek>
```

```
            </v9:afaKulcs>
         </v9:csomagonkivuliTerheles>
         <v9:csomagonkivuliTerheles>
            <v9:osszeg>600</v9:osszeg>
            <v9:fokategoria>ETEL</v9:fokategoria>
            <v9:alkategoria>SNACK</v9:alkategoria>
            <v9:afaKulcs>
              <v9:szazalek>27</v9:szazalek>
            </v9:afaKulcs>
         </v9:csomagonkivuliTerheles>
       </v9:csomagonkivuliTerhelesek>
     </v9:terhelesek>
   </v9:ertekesitettLakoegyseg>
</v9:kijelentkezesNapiErtekesitesek>
<v9:egyebTerhelesek>
   <v9:egyebTerheles>
     <v9:osszeg>1800</v9:osszeg>
     <v9:fokategoria>ALKOHOLOSITAL</v9:fokategoria>
     <v9:alkategoria>KOKTEL</v9:alkategoria>
     <v9:afaKulcs>
       <v9:szazalek>18</v9:szazalek>
     </v9:afaKulcs>
   </v9:egyebTerheles>
   <v9:egyebTerheles>
     <v9:osszeg>1800</v9:osszeg>
     <v9:fokategoria>ALKMENTESITAL_NEM_HELYBEN</v9:fokategoria>
     <v9:alkategoria>KAVE</v9:alkategoria>
     <v9:afaKulcs>
       <v9:szazalek>18</v9:szazalek>
     </v9:afaKulcs>
   </v9:egyebTerheles>
</v9:egyebTerhelesek>
<v9:egyebKoltesek>

   <v9:egyebKoltes>
```

```
            <v9:osszeg>5200</v9:osszeg>
            <v9:koltesTipus>SZEP_KARTYA</v9:koltesTipus>
            <v9:koltesAlTipus>SZALLASHELY</v9:koltesAlTipus>
          </v9:egyebKoltes>
        </v9:egyebKoltesek>
        <v9:tartozkodastKovetoKoltesek>
          <v9:tartozkodastKovetoKoltes>
            <v9:foglalasiSzam>123</v9:foglalasiSzam>
            <v9:datum>2025-11-26</v9:datum>
            <v9:koltes>
              <v9:osszeg>20000</v9:osszeg>
              <v9:koltesTipus>BANKKARTYA</v9:koltesTipus>
            </v9:koltes>
          </v9:tartozkodastKovetoKoltes>
        </v9:tartozkodastKovetoKoltesek>
        <v9:tartozkodastKovetoTerhelesek>
          <v9:tartozkodastKovetoTerheles>
            <v9:foglalasiSzam>42123</v9:foglalasiSzam>
            <v9:datum>2021-11-26</v9:datum>
            <v9:terheles>
              <v9:osszeg>20000</v9:osszeg>
              <v9:fokategoria>EGYEB</v9:fokategoria>
              <v9:alkategoria>EGYEB</v9:alkategoria>
              <v9:afaKulcs>
                <v9:szazalek>0</v9:szazalek>
              </v9:afaKulcs>
            </v9:terheles>
          </v9:tartozkodastKovetoTerheles>
        </v9:tartozkodastKovetoTerhelesek>
      </v9:napiFeltoltes>
    </v9:napiZarasRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

11.1.2. Példa szinkron válaszüzenet a napi zárás befogadó végponton – Befogadható üzenet esetén (napiZarasResponse)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
           <SOAP-ENV:Header/>
           <SOAP-ENV:Body>
             <ns2:napiZarasResponse xmlns:ns2="http://mtu.gov.hu/ntak/v9">
               <ns2:feldolgozasAzonosito>8b925853-9bb0-444f-863c-
b6817e6c3edb</ns2:feldolgozasAzonosito>
             </ns2:napiZarasResponse>
           </SOAP-ENV:Body>
        </SOAP-ENV:Envelope>
```

11.1.3. Example of a synchronous response message - In the event of an unacceptable message (synchronous error)

Response to a message rejected due to synchronous error:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
         <SOAP-ENV:Header/>
         <SOAP-ENV:Body>
           <SOAP-ENV:Fault>
             <faultcode>SOAP-ENV:Server</faultcode>
             <faultstring xml:lang="en">Validation Error</faultstring>
             <detail>
               <error hibaKulcs="JovobeliDatum" hibaUzenet="A mező időpontja nem
lehet jövőbeli!" kuldottErtek="2025-11-27T15:16:09Z"
mezoNeve="napiFeltoltes.lezarasIdopont"/>
               <error hibaKulcs="UresMezo" hibaUzenet="A mező üresen küldendő!"
kuldottErtek="342342451143334444"
mezoNeve="napiFeltoltes.napiZarasBesorolas.jegyzokonyvAzonosito"/>
             </detail>
           </SOAP-ENV:Fault>
         </SOAP-ENV:Body>
      </SOAP-ENV:Envelope>
```

11.1.1. Example of synchronous response message - In case of an unacceptable message (schema error)

Response to a message rejected due to a schema error:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
        <SOAP-ENV:Header/>
        <SOAP-ENV:Body>
          <SOAP-ENV:Fault>
            <faultcode>SOAP-ENV:Server</faultcode>
            <faultstring xml:lang="en">Schema Error</faultstring>
            <detail>
              <error hibaUzenet="cvc-datatype-valid.1.2.1: '' is not a valid value for 'integer'." mezoNeve="GLOBAL"/>
            </detail>
          </SOAP-ENV:Fault>
        </SOAP-ENV:Body>
     </SOAP-ENV:Envelope>
```

11.2. Advance booking

11.2.1. Example request message to theadvance booking endpoint (foglalasEsemenyRequest)

```
<soapenv:Envelope        xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v9="http://mtu.gov.hu/ntak/v9">
        <soapenv:Header/>
        <soapenv:Body>
          <v9:foglalasEsemenyRequest>
            <v9:uzenetAdatok>
              <v9:uzenetId>686d1d95-a4b6-45d8-a260-94befe406035</v9:uzenetId>
              <v9:uzenetKuldesIdeje>2025-11-27T12:46:00Z</v9:uzenetKuldesIdeje>
            </v9:uzenetAdatok>
            <v9:szoftverAdatok>
              <v9:szoftverVerzio>v1</v9:szoftverVerzio>
```

```
            <v9:szoftverAzonosito>MINTA525252</v9:szoftverAzonosito>
          </v9:szoftverAdatok>
          <v9:szallashely>
            <v9:szallasRegisztraciosSzam>SZ25003491</v9:szallasRegisztraciosSzam>
            <v9:szallashelySzolgaltatoAdoszam>69861195-2-
44</v9:szallashelySzolgaltatoAdoszam>
          </v9:szallashely>
          <v9:foglalasEsemeny>
            <v9:foglalasiSzam>11111114</v9:foglalasiSzam>
            <v9:esemenyLetrejotte>2025-11-27T10:58:00Z</v9:esemenyLetrejotte>
            <v9:garantaltFoglalas>false</v9:garantaltFoglalas>
            <v9:lemondva>false</v9:lemondva>
            <v9:vendegKuldoOrszaga>HU</v9:vendegKuldoOrszaga>
            <v9:erkezes>2025-12-05</v9:erkezes>
            <v9:tavozas>2025-12-10</v9:tavozas>
            <v9:foglalasIdopont>2025-11-03T02:36:00Z</v9:foglalasIdopont>
            <v9:ertekesitesiCsatorna>DIREKT_HAGYOMANYOS</v9:ertekesitesiCsatorna>
            <v9:foglalasBruttoOsszege>100000</v9:foglalasBruttoOsszege>
            <v9:foglaltLakoegysegek>
               <v9:foglaltLakoegyseg>
                 <v9:tipus>ECONOMY</v9:tipus>
                 <v9:ferohelyKapacitas>1</v9:ferohelyKapacitas>
               </v9:foglaltLakoegyseg>
            </v9:foglaltLakoegysegek>
            <v9:piaciSzegmens>UZLETI_EGYENI</v9:piaciSzegmens>
            <v9:vendegszam>1</v9:vendegszam>
          </v9:foglalasEsemeny>
        </v9:foglalasEsemenyRequest>
      </soapenv:Body>
    </soapenv:Envelope>
```

11.2.2. Example response message at the advance booking endpoint – Acceptable message (foglalasEsemenyResponse)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
        <SOAP-ENV:Header/>
        <SOAP-ENV:Body>
          <ns2:foglalasEsemenyResponse xmlns:ns2="http://mtu.gov.hu/ntak/v9">
            <ns2:feldolgozasAzonosito>460b5dd8-780e-48dd-8cd5-
2c6e9091b596</ns2:feldolgozasAzonosito>
          </ns2:foglalasEsemenyResponse>
        </SOAP-ENV:Body>
     </SOAP-ENV:Envelope>
```

11.3. Event-driven communication

11.3.1. Example request message to the event-driven receiving endpoint (esemenyvezereltAdatkuldesRequest)

```
<soapenv:Envelope        xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v9="http://mtu.gov.hu/ntak/v9">
   <soapenv:Header/>
   <soapenv:Body>
      <v9:esemenyvezereltAdatkuldesRequest>
         <v9:uzenetAdatok>
            <v9:uzenetId>64437240-3434-423e-9efe-bf8f6e234360</v9:uzenetId>
            <v9:uzenetKuldesIdeje>2025-11-27T12:46:00Z</v9:uzenetKuldesIdeje>
         </v9:uzenetAdatok>
         <v9:szoftverAdatok>
            <v9:szoftverVerzio>v1</v9:szoftverVerzio>
            <v9:szoftverAzonosito>MINTA525252</v9:szoftverAzonosito>
         </v9:szoftverAdatok>
         <v9:szallashely>
            <v9:szallasRegisztraciosSzam>SZ25003491</v9:szallasRegisztraciosSzam>
            <v9:szallashelySzolgaltatoAdoszam>69861195-2-
44</v9:szallashelySzolgaltatoAdoszam>
```

```
</v9:szallashely>
<v9:esemenyek>
   <v9:erkezett>
      <v9:idopont>2025-11-20T10:36:00Z</v9:idopont>
      <v9:foglalasiSzam>tesztfoglalas3</v9:foglalasiSzam>
      <v9:vendegek>
         <v9:vendegId>asd123asd123asd123asd123asd1231</v9:vendegId>
         <v9:szuletesiEv>1980</v9:szuletesiEv>
         <v9:nem>NO</v9:nem>
         <v9:allampolgarsagOrszagKod>HU</v9:allampolgarsagOrszagKod>
         <v9:lakohelyOrszagKod>HU</v9:lakohelyOrszagKod>
         <v9:lakohelyIranyitoszam>2014</v9:lakohelyIranyitoszam>
         <v9:ifaStatusz>KOTELES</v9:ifaStatusz>
      </v9:vendegek>
      <v9:lakoegyseg>
         <v9:epulet>2</v9:epulet>
         <v9:szobaszam>1</v9:szobaszam>
         <v9:tipus>ECONOMY</v9:tipus>
         <v9:egyfosAgySzam>1</v9:egyfosAgySzam>
         <v9:ketfosAgySzam>1</v9:ketfosAgySzam>
         <v9:potAgySzam>0</v9:potAgySzam>
      </v9:lakoegyseg>
   </v9:erkezett>
   <v9:tavozott>
      <v9:idopont>2025-11-27T10:36:00Z</v9:idopont>
      <v9:foglalasiSzam>tesztfoglalas2</v9:foglalasiSzam>
      <v9:vendegek>
         <v9:vendegId>asd123asd123asd123asd123asd1231</v9:vendegId>
         <v9:szuletesiEv>1994</v9:szuletesiEv>
         <v9:nem>NO</v9:nem>
         <v9:allampolgarsagOrszagKod>HU</v9:allampolgarsagOrszagKod>
         <v9:lakohelyOrszagKod>HU</v9:lakohelyOrszagKod>
         <v9:lakohelyIranyitoszam>2014</v9:lakohelyIranyitoszam>
         <v9:ifaStatusz>KOTELES</v9:ifaStatusz>
```

```
   </v9:vendegek>
   <v9:lakoegyseg>
      <v9:epulet>3</v9:epulet>
      <v9:szobaszam>1</v9:szobaszam>
      <v9:tipus>STANDARD</v9:tipus>
      <v9:egyfosAgySzam>1</v9:egyfosAgySzam>
      <v9:ketfosAgySzam>1</v9:ketfosAgySzam>
      <v9:potAgySzam>1</v9:potAgySzam>
   </v9:lakoegyseg>
</v9:tavozott>
<v9:lakoegysegetCserelt>
   <v9:idopont>2025-11-23T02:36:00Z</v9:idopont>
   <v9:foglalasiSzam>tesztfoglalas2</v9:foglalasiSzam>
   <v9:vendegek>
      <v9:vendegId>asd123asd123asd123asd123asd1231</v9:vendegId>
      <v9:szuletesiEv>1982</v9:szuletesiEv>
      <v9:nem>NO</v9:nem>
      <v9:allampolgarsagOrszagKod>HU</v9:allampolgarsagOrszagKod>
      <v9:lakohelyOrszagKod>HU</v9:lakohelyOrszagKod>
      <v9:lakohelyIranyitoszam>2014</v9:lakohelyIranyitoszam>
      <v9:ifaStatusz>KOTELES</v9:ifaStatusz>
   </v9:vendegek>
   <v9:elhagyottLakoegyseg>
      <v9:epulet>2</v9:epulet>
      <v9:szobaszam>2</v9:szobaszam>
      <v9:tipus>STANDARD</v9:tipus>
      <v9:egyfosAgySzam>1</v9:egyfosAgySzam>
      <v9:ketfosAgySzam>3</v9:ketfosAgySzam>
      <v9:potAgySzam>2</v9:potAgySzam>
   </v9:elhagyottLakoegyseg>
   <v9:elfoglaltLakoegyseg>
      <v9:epulet>3</v9:epulet>
      <v9:szobaszam>2</v9:szobaszam>
      <v9:tipus>STANDARD</v9:tipus>
```

```
                    <v9:egyfosAgySzam>1</v9:egyfosAgySzam>
                    <v9:ketfosAgySzam>3</v9:ketfosAgySzam>
                    <v9:potAgySzam>2</v9:potAgySzam>
                 </v9:elfoglaltLakoegyseg>
              </v9:lakoegysegetCserelt>
           </v9:esemenyek>
       </v9:esemenyvezereltAdatkuldesRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

11.3.2. Example response message at the event-driven endpoint – In case of an acceptable message (esemenyvezereltAdatkuldesResponse)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
   <SOAP-ENV:Header/>
   <SOAP-ENV:Body>
      <ns2:esemenyvezereltAdatkuldesResponse
xmlns:ns2="http://mtu.gov.hu/ntak/v9">
         <ns2:feldolgozasAzonosito>a2bf1ed4-ceb9-4dd3-8659-
ac23fa1040b7</ns2:feldolgozasAzonosito>
      </ns2:esemenyvezereltAdatkuldesResponse>
   </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

11.4. Verification endpoint

11.4.1. Example request message to the verification endpoint (ellenorzesRequest)

```
<soapenv:Envelope        xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v9="http://mtu.gov.hu/ntak/v9">
        <soapenv:Header/>
        <soapenv:Body>
          <v9:ellenorzesRequest>
           <v9:uzenetAdatok>
     <v9:uzenetId>986d1d95-a4b6-95d8-a990-94befe406035</v9:uzenetId>
     <v9:uzenetKuldesIdeje>2025-11-27T12:46:00Z<v9:uzenetKuldesIdeje>
```

```
    </v9:uzenetAdatok>
          <v9:szoftverAdatok>
            <v9:szoftverVerzio>v1</v9:szoftverVerzio>
            <v9:szoftverAzonosito>MINTA525252</v9:szoftverAzonosito>
          </v9:szoftverAdatok>
          <v9:szallashely>
            <v9:szallasRegisztraciosSzam>SZ25003491</v9:szallasRegisztraciosSzam>
            <v9:szallashelySzolgaltatoAdoszam>69861195-2-
44</v9:szallashelySzolgaltatoAdoszam>
          </v9:szallashely>
          <v9:feldolgozasAzonositok>
            <v9:feldolgozasAzonosito>8289e837-ca2d-4cd6-9c8b-
fd19981ebaa7</v9:feldolgozasAzonosito>
          </v9:feldolgozasAzonositok>
        </v9:ellenorzesRequest>
      </soapenv:Body>
    </soapenv:Envelope>
```

11.4.2. Example response message at the verification endpoint – Acceptable message (ellenorzesResponse)

11.4.2.1. Daily closure message with completely incorrect status:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
      <SOAP-ENV:Header/>
      <SOAP-ENV:Body>
        <ns2:ellenorzesResponse xmlns:ns2="http://mtu.gov.hu/ntak/v9">
          <ns2:uzenetValaszok>
            <ns2:feldolgozasAzonosito>8289e837-ca2d-4cd6-9c8b-
fd19981ebaa7</ns2:feldolgozasAzonosito>
            <ns2:statusz>TELJESEN_HIBAS</ns2:statusz>
            <ns2:figyelmeztetesLista>
              <ns2:hiba>

<ns2:mezoNeve>napiFeltoltes.szobaAdatok.osszesSzoba</ns2:mezoNeve>
                <ns2:kuldottErtek>11</ns2:kuldottErtek>
```

```
                <ns2:hibaKulcs>ElteresRegisztraltAdatokban</ns2:hibaKulcs>

                <ns2:hibaUzenet>Értéke eltér az NTAK regisztrációs adatokban megadott értéktől!</ns2:hibaUzenet>

              </ns2:hiba>

              <ns2:hiba>


  <ns2:mezoNeve>napiFeltoltes.ferohelyAdatok.osszesFerohelyKapacitas</ns2:mezoNeve>            <ns2:kuldottErtek>17</ns2:kuldottErtek>

                <ns2:hibaKulcs>ElteresRegisztraltAdatokban</ns2:hibaKulcs>

                <ns2:hibaUzenet>Értéke eltér az NTAK regisztrációs adatokban megadott értéktől!</ns2:hibaUzenet>

              </ns2:hiba>

            </ns2:figyelmeztetesLista>

            <ns2:hibaLista>

              <ns2:hiba>
<ns2:mezoNeve>napiFeltoltes.napiZarasBesorolas.besorolas</ns2:mezoNeve>

                <ns2:kuldottErtek>MODOSITO</ns2:kuldottErtek>

                <ns2:hibaKulcs>ErvenytelenModositoZaras</ns2:hibaKulcs>

                <ns2:hibaUzenet>Hiba: Az adott tárgynapra még nem történt érvényes adatküldés, vagy az korábban sikertelen volt. Az első beküldött napi zárás üzenet besorolásának 'UJ'-nak kell lennie. 'MODOSITO' besorolású üzenet ebben az esetben nem kerül elfogadásra.</ns2:hibaUzenet>

              </ns2:hiba>

            </ns2:hibaLista>

          </ns2:uzenetValaszok>

        </ns2:ellenorzesResponse>

      </SOAP-ENV:Body>

    </SOAP-ENV:Envelope>
```

11.4.2.1. Completely successful status for daily closure message:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

          <SOAP-ENV:Header/>

          <SOAP-ENV:Body>

            <ns2:ellenorzesResponse xmlns:ns2="http://mtu.gov.hu/ntak/v9">

              <ns2:uzenetValaszok>
```

```
                <ns2:feldolgozasAzonosito>92e1edba-9483-4cc8-8fda-
b7e260575199</ns2:feldolgozasAzonosito>
                <ns2:statusz>TELJESEN_SIKERES</ns2:statusz>
                <ns2:figyelmeztetesLista/>
                <ns2:hibaLista/>
              </ns2:uzenetValaszok>
            </ns2:ellenorzesResponse>
          </SOAP-ENV:Body>
        </SOAP-ENV:Envelope>
```

11.4.2.2. Daily closure message with to be examined status:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
   <SOAP-ENV:Header/>
   <SOAP-ENV:Body>
      <ns2:ellenorzesResponse xmlns:ns2="http://mtu.gov.hu/ntak/v9">
         <ns2:uzenetValaszok>
            <ns2:feldolgozasAzonosito>e1f214d9-e9dd-42f3-88d5-
d8b6e5842c85</ns2:feldolgozasAzonosito>
            <ns2:statusz>VIZSGALANDO</ns2:statusz>
            <ns2:figyelmeztetesLista>
               <ns2:hiba>
<ns2:mezoNeve>napiFeltoltes.lakoegysegEjszakak[0].vendegek[0].szuletesiEv</ns2:mez
oNeve>
                  <ns2:kuldottErtek>1924</ns2:kuldottErtek>
                  <ns2:hibaKulcs>MagasEletkor</ns2:hibaKulcs>
                  <ns2:hibaUzenet>A(z) 1 épület 1 lakóegységében rögzített vendég
életkora meghaladja a 100 évet!</ns2:hibaUzenet>
               </ns2:hiba>
            </ns2:figyelmeztetesLista>
            <ns2:hibaLista/>
         </ns2:uzenetValaszok>
      </ns2:ellenorzesResponse>
   </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

11.4.2.3. Daily closure message with to be resent status:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
   <SOAP-ENV:Header/>
   <SOAP-ENV:Body>
      <ns2:ellenorzesResponse xmlns:ns2="http://mtu.gov.hu/ntak/v9">
         <ns2:uzenetValaszok>
            <ns2:feldolgozasAzonosito>56f0b8bc-bac3-4909-ab59-
dfb99e3d56b6</ns2:feldolgozasAzonosito>
            <ns2:statusz>UJRA_KULDENDO</ns2:statusz>
            <ns2:figyelmeztetesLista/>
            <ns2:hibaLista/>
         </ns2:uzenetValaszok>
      </ns2:ellenorzesResponse>
   </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

12. Appendices

The “Mellékletek” (Appendices) folder attached to the documentation contains the wsdl files for the NTDSC system logic described above.

12.1. Requesting Certificates

The section below presents an example of how command-line tools can be used to generate a certificate request.

12.1.1. Standards and Recommendations

The following table summarises the list of standards and recommendations referenced in this document.

Keyword	
RFC 5280 **X.509** **CRL**	Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile https://www.ietf.org/rfc/rfc5280.txt
RFC 6818 **X.509** **CRL**	Updates to the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile https://tools.ietf.org/html/rfc6818
RFC 6960 **OCSP**	X.509 Internet Public Key Infrastructure Online Certificate Status Protocol (OCSP) https://tools.ietf.org/html/rfc6960
RFC 2986 **PKCS#10**	PKCS #10: Certification Request Syntax Specification Version 1.7 https://tools.ietf.org/html/rfc2986

12.1.2. Example for creating an accommodation certificate request in Windows environment

A certificate request can be created for testing purposes in Windows operating system environment from the command line, using the **certreq** utility

https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/certreq_1

For the certificate signing request example, a configuration file similar to the one below should be created:

```
;
; SampleAuthentication.ini
; Content of the certificate signing request file used for testing
;
[NewRequest]
```

```
Subject = "CN=12345678"
FriendlyName = "Sample Certificate"
KeySpec = 1
KeyLength = 4096
KeyUsage = "CERT_DIGITAL_SIGNATURE_KEY_USAGE | CERT_NON_REPUDIATION_KEY_USAGE | CERT_KEY_ENCIPHERMENT_KEY_USAGE"
HashAlgorithm = SHA256
KeyAlgorithm = RSA
Exportable = TRUE
MachineKeySet = TRUE
SMIME = FALSE
PrivateKeyArchive = FALSE
UserProtected = FALSE
UseExistingKeySet = FALSE
ProviderName = "Microsoft Enhanced RSA and AES Cryptographic Provider"
ProviderType = 24
RequestType = PKCS10

[EnhancedKeyUsageExtension]
OID=1.3.6.1.5.5.7.3.2
```

It is important to note that the Exportable=TRUE parameter in the above example's configuration file makes it possible to move the generated key-pair to another computer, and that based on the MachineKeySet=TRUE parameter, the key-pair is created in the computer's certificate repository, which is also where the issued certificate will need to be loaded.

Creating the certificate request from the command line is as follows:

```
CertReq –New SampleAuthentication.ini SampleAuthentication.csr
```

12.1.3. Example for creating an accommodation certificate request in Linux environment

A certificate request can be created for testing purposes in Linux operating system environment from the command line, using the **openssl** utility

https://www.openssl.org/docs/manmaster/man1/openssl.html

For the certificate signing request example, a configuration file similar to the one below should be created:

```
;
; SampleAuthentication.conf
; Content of the certificate signing request file used for testing
;
[ req ]
default_bits      = 4096
```

```
default_md      = sha256
prompt          = no
encrypt_key     = no
distinguished_name = req_distinguished_name
req_extensions    = req_extensions

[ req_distinguished_name ]
CN              = 12345678

[ req_extensions ]
keyUsage        = digitalSignature, keyEncipherment, nonRepudiation
extendedKeyUsage  = clientAuth
```

Creating the certificate request from the command line is as follows:

```
openssl req -newkey rsa:4096 -keyout SampleAuthentication.key -config
SampleAuthentication.conf -out SampleAuthentication.csr
```

The correctness of data in the certificate request file can be checked with the help of the following command

```
openssl req -in SampleAuthentication.csr -noout -text
```

12.2. List of country codes accepted by PMS Interface

Country name	Value to be sent in a message
Afghanistan	AF
Aland	AX
Albania	AL
Algeria	DZ
USA American Pacific Islands	UM
United States of America	US
American Samoa	AS
US Virgin Islands	VI
Andorra	AD
Angola	AO

Anguilla	AI
Antarctica	AQ
Antigua and Barbuda	AG
Argentina	AR
Aruba	AW
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Bangladesh	BD
Barbados	BB
Belgium	BE
Belize	BZ
Benin	BJ
Bermuda	BM
Bhutan	BT
Guinea-Bissau	GW
Bolivia	BO
Bosnia and Herzegovina	BA
Botswana	BW
Norway Bouvet Island	BV
Brazil	BR
British Indian Ocean Territory	IO
British Virgin Islands	VG
Brunei	BN
Bulgaria	BG
Burkina Faso	BF
Burundi	BI
Chile	CL
Cyprus	CY
Comoros	KM
Cook Islands	CK
Costa Rica	CR
Curaçao	CW
Chad	TD
Czech Republic	CZ
Denmark	DK
Republic of South Africa	ZA
South Georgia and the South Sandwich Islands	GS
South Sudan	SS
South Korea (Republic of Korea)	KR
Dominican Community	DM
Dominican Republic	DO
Djibouti	DJ
Ecuador	EC
Equatorial Guinea	GQ
United Arab Emirates	AE
United Kingdom	GB
Egypt	EG

Ivory Coast	CI
El Salvador	SV
Eritrea	ER
Northern Mariana Islands	MP
North Korea (Korean Democratic People's Republic)	KP
Estonia	EE
Ethiopia	ET
Falkland Islands	FK
Belarus	BY
Faroe Islands	FO
Fiji	FJ
Finland	FI
French Southern and Antarctic Territories	TF
French Guiana French Guiana	GF
France	FR
French Polynesia	PF
Philippines	PH
Gabon	GA
Gambia	GM
Ghana	GH
Gibraltar	GI
Greece	GR
Grenada	GD
Greenland	GL
Georgia	GE
Guadeloupe	GP
Guam	GU
Guatemala	GT
Guernsey	GG
Guinea	GN
Guyana	GY
Haiti	HT
Heard Island and McDonald Islands	HM
Netherlands	NL
Honduras	HN
Hong Kong	HK
Croatia	HR
India	IN
Indonesia	ID
Iraq	IQ
Iran	IR
Ireland	IE
Iceland	IS
Israel	IL
Jamaica	JM
Japan	JP
Yemen	YE
Jersey	JE
Jordan	JO
Cayman Islands	KY

Cambodia	KH
Cameroon	CM
Canada	CA
Christmas Island	CX
Bonaire, Sint Eustatius and Saba	BQ
Qatar	QA
Kazakhstan	KZ
Timor-Leste	TL
Kenya	KE
China	CN
Kyrgyzstan	KG
Kiribati	KI
Cocos (Keeling) Islands	CC
Colombia	CO
Congo (Democratic Republic of the)	CD
Congo (Republic of the)	CG
Kosovo	XK
Central African Republic	CF
Cuba	CU
Kuwait	KW
Laos	LA
Poland	PL
Lesotho	LS
Latvia	LV
Lebanon	LB
Liberia	LR
Libya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macedonia	MK
Madagascar	MG
Hungary	HU
Macau	MO
Malaysia	MY
Malawi	MW
Maldives	MV
Mali	ML
Malta	MT
Isle of Man	IM
Morocco	MA
Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU
Mayotte	YT
Mexico	MX
Myanmar	MM
Micronesia, Federated States of	FM
Moldova, Republic of	MD

Monaco	MC
Mongolia	MN
Montenegro	ME
Montserrat	MS
Mozambique	MZ
Namibia	NA
Nauru	NR
Germany	DE
Nepal	NP
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU
Norfolk Island	NF
Norway	NO
Western Sahara	EH
Italy	IT
Oman	OM
Russian Federation	RU
Armenia	AM
Pakistan	PK
Palau	PW
Palestine, State of	PS
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Pitcairn	PN
Portugal	PT
Puerto Rico	PR
Reunion	RE
Romania	RO
Rwanda	RW
Saint Barthélemy	BL
Saint Kitts and Nevis	KN
Saint Lucia	LC
Saint Martin (French part)	MF
Saint Pierre and Miquelon	PM
Saint Vincent and the Grenadines	VC
Solomon Islands	SB
San Marino	SM
Sao Tome and Principe	ST
Seychelles	SC
Sierra Leone	SL
Sint Maarten (Dutch part)	SX
Spain	ES
Svalbard and Jan Mayen	SJ
Sri Lanka	LK
Suriname	SR
Switzerland	CH

Sweden	SE
Samoa	WS
Saudi Arabia	SA
Senegal	SN
Saint Helena	SH
Serbia	RS
Singapore	SG
Syrian Arab Republic	SY
Slovakia	SK
Slovenia	SI
Somalia	SO
Sudan	SD
Eswatini	SZ
Tajikistan	TJ
Taiwan, Province of China	TW
Tanzania, United Republic of	TZ
Thailand	TH
Togo	TG
Tokelau	TK
Tonga	TO
Turkey	TR
Trinidad and Tobago	TT
Tunisia	TN
Turks and Caicos Islands	TC
Tuvalu	TV
Turkmenistan	TM
Uganda	UG
New Caledonia	NC
New Zealand	NZ
Ukraine	UA
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Holy See (Vatican City State)	VA
Venezuela	VE
Vietnam	VN
Wallis and Futuna	WF
Zambia	ZM
Zimbabwe	ZW
Cape Verde	CV

12.3. NTDSC main and subcategories

For charge-type items to be submitted via the interface, the complete set of NTDSC main and subcategories is recorded in the annex “NTDSC main and subcategories". The sub-sections of the annex detail which value sets are applied for each charge type from the complete set of NTDSC main and sub-categories.

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Accommodation fee	Not applicable	SZALLASDIJ	NULL
Tourism tax	Not applicable	IFA	NULL
Public bath	Spa programme	KOZFURDO	FURDO_PROGRAM
Public bath	Beach programme	KOZFURDO	STRAND_PROGRAM
Public bath	Swimming pool programme	KOZFURDO	USZODAI_PROGRAM
Public bath	Wellness programme	KOZFURDO	WELLNESS_PROGRAM
Public bath	Health services	KOZFURDO	EGESZSEGUGYI_SZOLGALTATAS
Natural bathing site	Outdoor beach programme	TERMESZETES_FURDO	SZABADVIZI_STRAND_PROGRAM
Museum, castle, palace	Exhibition	MUZEUM_VAR_KASTELY	KIALLITAS
Museum, castle, palace	Museum education	MUZEUM_VAR_KASTELY	MUZEUMPEDAGOGIA
Museum, castle, palace	Guided tour	MUZEUM_VAR_KASTELY	TARLATVEZETES
Museum, castle, palace	Religious facility visit	MUZEUM_VAR_KASTELY	EGYHAZI_LETESITMENY_LATOGATASA
Museum, castle, palace	Visit to a palace	MUZEUM_VAR_KASTELY	KASTELYLATOGATAS
Museum, castle, palace	Castle visit	MUZEUM_VAR_KASTELY	VARLATOGATAS
Museum, castle, palace	Visit to other monuments	MUZEUM_VAR_KASTELY	EGYEB_MUEMLEK_LATOGATASA
Museum, castle, palace	Educational programme	MUZEUM_VAR_KASTELY	OKTATASI_PROGRAM
Tourist transport infrastructure transport facility	Lake cruises	TURISZTIKAI_KOZLEKEDES	TAVI_HAJOZAS
Tourist transport infrastructure transport facility	River cruises	TURISZTIKAI_KOZLEKEDES	FOLYAMI_HAJOZAS
Tourist transport infrastructure transport facility	Hop on hop off programme	TURISZTIKAI_KOZLEKEDES	HOP_ON_HOP_OFF
Adventure Park	Adventure park programme	KALANDPARK	KALANDPARKI_PROGRAM

Adventure Park	Experience centre programme	KALANDPARK	ELMENYKOZPONTI_PROGRAM
Zoo	Zoo programme	ALLATKERT	ALLATKERTI_PROGRAM
Zoo	Wildlife park programme	ALLATKERT	VADASPARKI_PROGRAM
Amusement park	Amusement park programme	VIDAMPARK	VIDAMPARKI_PROGRAM
Protected natural area showcase	National Park visit	VEDETT_TERMESZETI_TERULET	NEMZETI_PARK_LATOGATAS
Protected natural area showcase	Cave visit	VEDETT_TERMESZETI_TERULET	BARLANGLATOGATAS
Protected natural area showcase	Guided tour	VEDETT_TERMESZETI_TERULET	TARLATVEZETES
Protected natural area showcase	Educational programme	VEDETT_TERMESZETI_TERULET	OKTATASI_PROGRAM
Protected natural area showcase	Park visit	VEDETT_TERMESZETI_TERULET	PARKLATOGATAS
Protected natural area showcase	Visit to a thematic demo park	VEDETT_TERMESZETI_TERULET	TEMATIKUS_BEMUTATOHELY_LATOGATAS
Protected natural area showcase	Tours/Trips	VEDETT_TERMESZETI_TERULET	TURAK_KIRANDULASOK
Music and dance event	Cultural event	ZENES_TANCOS_RENDEZVENY	KULTURALIS_RENDEZVENY
Music and dance event	Concert	ZENES_TANCOS_RENDEZVENY	KONCERT
Music and dance event	Festival	ZENES_TANCOS_RENDEZVENY	FESZTIVAL
Food	breakfast	ETEL	REGGELI
Food	sandwich	ETEL	SZENDVICS
Food	starter	ETEL	ELOETEL
Food	soup	ETEL	LEVES
Food	main course	ETEL	FOETEL
Food	side dish	ETEL	KORET
Food	pickles / salad	ETEL	SAVANYUSAG_SALATA
Food	tasting dish, taster	ETEL	KOSTOLO

Food	bakery products, baked goods	ETEL	PEKSUTEMENY
Food	dessert	ETEL	DESSZERT
Food	dessert	ETEL	DESSZERT
Food	snack	ETEL	SNACK
Food	main course with side dish	ETEL	FOETEL_KORETTEL
Food	food package	ETEL	ETELCSOMAG
Food	other	ETEL	EGYEB
Alcohol-free beverages produced locally	water	ALKMENTESITAL_HELYBEN	VIZ
Alcohol-free beverages produced locally	lemonade / syrup / freshly squeezed beverages	ALKMENTESITAL_HELYBEN	LIMONADE_SZORP_FACSART
Alcohol-free beverages produced locally	alcohol-free cocktail	ALKMENTESITAL_HELYBEN	ALKOHOLMENTES_KOKTEL
Alcohol-free beverages produced locally	beverage package	ALKMENTESITAL_HELYBEN	TEA_FORROCSOKOLADE
Alcohol-free beverages produced locally	tea/hot chocolate	ALKMENTESITAL_HELYBEN	ITALCSOMAG
Alcohol-free beverages produced locally	coffee	ALKMENTESITAL_HELYBEN	KAVE
Alcohol-free beverages not produced locally	water	ALKMENTESITAL_NEM_HELYBEN	VIZ
Alcohol-free beverages not produced locally	juices	ALKMENTESITAL_NEM_HELYBEN	ROSTOS_UDITO
Alcohol-free beverages not produced locally	carbonated beverages	ALKMENTESITAL_NEM_HELYBEN	SZENSAVAS_UDITO
Alcohol-free beverages not produced locally	noncarbonated beverages	ALKMENTESITAL_NEM_HELYBEN	SZENSAVMENTES_UDITO
Alcohol-free beverages not produced locally	beverage package	ALKMENTESITAL_NEM_HELYBEN	ITALCSOMAG
Alcoholic beverages	cocktail	ALKOHOLOSITAL	KOKTEL
Alcoholic beverages	liquor	ALKOHOLOSITAL	LIKOR

Alcoholic beverages	distillate	ALKOHOLOSITAL	PARLAT
Alcoholic beverages	beer	ALKOHOLOSITAL	SOR
Alcoholic beverages	wine	ALKOHOLOSITAL	BOR
Alcoholic beverages	champagne	ALKOHOLOSITAL	PEZSGO
Alcoholic beverages	beverage package	ALKOHOLOSITAL	ITALCSOMAG
Other	other	EGYEB	EGYEB
Other	service fee	EGYEB	SZERVIZDIJ
Other	tip	EGYEB	BORRAVALO
Other	other hospitality services	EGYEB	EGYEB_VENDEGLATAS

12.3.1. Revenue from guest nights (Accommodation unit nights)

Compared to the elements of the complete value set, the following values **are NOT part of** the elements that can be sent within the message unit:

12.3.1.1. Consumption within the accommodation package related to the booking

- tourism tax (IFA)
- other hospitality (EGYEB_VENDEGLATAS)

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Tourism tax	Not applicable	IFA	NULL
Other	other hospitality services	EGYEB	EGYEB_VENDEGLATAS

12.3.1.2. Consumption outside the accommodation package related to the booking

- accommodation fee (SZALLASDIJ)
- other hospitality (EGYEB_VENDEGLATAS)

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Accommodation fee	Not applicable	SZALLASDIJ	NULL
Other	other hospitality services	EGYEB	EGYEB_VENDEGLATAS

12.3.2. Check-out date sales

Compared to the elements of the complete value set, the following values **are not part of** the elements that can be sent within the message unit:

12.3.2.1. Consumption within the accommodation package related to the booking

- tourism tax (IFA)
- accommodation fee (SZALLASDIJ)

- other hospitality (EGYEB_VENDEGLATAS)

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Tourism tax	Not applicable	IFA	NULL
Accommodation fee	Not applicable	SZALLASDIJ	NULL
Other	other hospitality services	EGYEB	EGYEB_VENDEGLATAS

12.3.2.2. Consumption outside the accommodation package related to the booking

- accommodation fee (SZALLASDIJ)
- other hospitality (EGYEB_VENDEGLATAS)

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Accommodation fee	Not applicable	SZALLASDIJ	NULL
Other	other hospitality services	EGYEB	EGYEB_VENDEGLATAS

12.3.3. Post-departure Charges

Compared to the complete set of values for the main and subcategories of NTDSC, **the** following **elements are not included** in the message unit:

-
- other hospitality (EGYEB_VENDEGLATAS)
- tourism tax (IFA)

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Other Tourism tax	other hospitality services Not applicable	EGYEB IFA	EGYEB_VENDEGLATAS NULL

12.3.4. Other consumption not related to accommodation services

The following values are **not** part of the data that can be sent in the message unit from the entire value set:

- accommodation fee (SZALLASDIJ)

- tourism tax (IFA)

NTDSC main category	NTDSC subcategory	Main category Value to be sent in message	Subcategory Value to be sent in message
Accommodation fee	Not applicable	SZALLASDIJ	NULL
Tourism tax	Not applicable	IFA	NULL

12.4. Primary and secondary extreme value limits

The secondary extreme limits are 10 times the primary extreme value limits:

12.4.1. Primary extreme value limits

12.4.1.1. Limits on charge items for revenue from accommodation services

Affected message units:

1. charge items recorded for guest nights
2. check-out date sales
3. post-departure charge items

	Accommodation fee charge main category		Food charge category		Public baths charge main category (Health and wellness)		Locally produced non-alcoholic beverages charge main category		Non-alcoholic beverages not produced on site charge Main category	
	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside
Hotel										
5 stars	4 000 000	1 000 000	1 000 000	500 000	700 000	700 000	1 000 000	500 000	1 000 000	500 000
4 stars	1 000 000	1 000 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000
3 stars	500 000	500 000	300 000	300 000	300 000	300 000	300 000	300 000	300 000	300 000
2 stars	100 000	100 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000
1 star	100 000	100 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000
not rated	4 000 000	1 000 000	1 000 000	500 000	500 000	700 000	1 000 000	500 000	1 000 000	500 000
Guesthouse	300 000	300 000	50 000	200 000	50 000	50 000	50 000	200 000	50 000	200 000
Camping	300 000	300 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000
Community accommodation	300 000	300 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000
Holiday home	300 000	500 000	50 000	100 000	50 000	50 000	50 000	100 000	50 000	100 000
Other accommodation	500 000	500 000	50 000	100 000	50 000	50 000	50 000	100 000	50 000	100 000
Private accommodation	500 000	300 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000
Holiday boat	300 000	300 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000	50 000

	Alcoholic beverages charge main category		Other charge main category		Natural bathing site charge main category		Museum, castle, palace charge main category		Transport infrastructure for tourist transport charge Main category	
	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside
Hotel										
5 stars	1 000 000	500 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
4 stars	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000
3 stars	300 000	300 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000
2 stars	50 000	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
1 star	50 000	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
not rated	1 000 000	500 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
Guesthouse	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Camping	50 000	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Community accommodation	50 000	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Holiday home	50 000	100 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Other accommodation	50 000	100 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Private accommodation	50 000	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Holiday boat	50 000	50 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000

	Adventure park charge main category		Zoo charge main category		Amusement park charge main category		Protected natural area showcase charge main category		Music and dance event charge main category	
	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside
Hotel										
5 stars	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
4 stars	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000
3 stars	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000
2 stars	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
1 star	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
not rated	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
Guesthouse	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Camping	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Community accommodation	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Holiday home	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Other accommodation	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Private accommodation	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Holiday boat	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000

12.4.1.2. Limits on charges for revenue not derived from accommodation services

	Other charge main category		Food charge category		Public baths charge main category (Health and wellness)		Locally produced non-alcoholic beverages charge main category		Non-alcoholic beverages not produced on site charge Main category	
	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside
Hotel										
5 stars	100 000 000	50 000 000	20 000 000	20 000 000	2 000 000	5 000 000	20 000 000	20 000 000	20 000 000	20 000 000
4 stars	20 000 000	20 000 000	20 000 000	20 000 000	2 000 000	5 000 000	20 000 000	20 000 000	20 000 000	20 000 000
3 stars	5 000 000	5 000 000	20 000 000	20 000 000	1 000 000	5 000 000	20 000 000	20 000 000	20 000 000	20 000 000
2 stars	2 000 000	2 000 000	2 000 000	2 000 000	500 000	500 000	2 000 000	2 000 000	2 000 000	2 000 000
1 star	2 000 000	2 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000
not rated	100 000 000	50 000 000	20 000 000	20 000 000	2 000 000	5 000 000	20 000 000	20 000 000	20 000 000	20 000 000
Guesthouse	1 000 000	1 000 000	5 000 000	5 000 000	500 000	500 000	5 000 000	5 000 000	5 000 000	5 000 000
Camping	1 000 000	1 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000
Community accommodation	2 000 000	2 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000
Holiday home	1 000 000	1 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000
Other accommodation	1 000 000	1 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000
Private accommodation	1 000 000	1 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000
Holiday boat	1 000 000	1 000 000	1 000 000	1 000 000	500 000	500 000	1 000 000	1 000 000	1 000 000	1 000 000

	Alcoholic beverages charge main category		Natural bathing site charge main category		Museum, castle, palace charge main category		Transport infrastructure for tourist transport charge Main category		Adventure park charge main category	
	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside
Hotel										
5 stars	20 000 000	20 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
4 stars	20 000 000	20 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000
3 stars	20 000 000	20 000 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000
2 stars	2 000 000	2 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
1 star	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
not rated	20 000 000	20 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
Guesthouse	5 000 000	5 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Camping	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Community accommodation	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Holiday home	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Other accommodation	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Private accommodation	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000
Holiday boat	1 000 000	1 000 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000	200 000

	Zoo charge main category		Amusement park charge main category		Protected natural area showcase charge main category		Music and dance event charge main category	
	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside	Budapest	Countryside
Hotel								
5 stars	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
4 stars	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000
3 stars	500 000	500 000	500 000	500 000	500 000	500 000	500 000	500 000
2 stars	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
1 star	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
not rated	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000
Guesthouse	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
Camping	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
Community accommodation	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
Holiday home	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
Other accommodation	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
Private accommodation	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000
Holiday boat	200 000	200 000	200 000	200 000	200 000	200 000	500 000	500 000

12.4.1.3. Limits on spending and post-departure spending

	Spendings	
	Budapest	**Countryside**
Hotel		
5 stars	100 000 000	100 000 000
4 stars	100 000 000	100 000 000
3 stars	100 000 000	100 000 000
2 stars	30 000 000	30 000 000
1 star	30 000 000	30 000 000
not rated	100 000 000	100 000 000
Guesthouse	30 000 000	30 000 000
Camping	10 000 000	10 000 000
Community accommodation	30 000 000	30 000 000
Holiday home	10 000 000	10 000 000
Other accommodation	10 000 000	10 000 000
Private accommodation	10 000 000	10 000 000
Holiday boat	10 000 000	10 000 000

12.5. Formal requirements for the postal codes of prominent sending countries

ISO2	Name of sending country	Regex expression
HU	*Hungary*	^[1-9]\d{3}$
DE	*Germany*	\d{5}
RO	*Romania*	\d{6}
CZ	*Czech Republic*	[1-7][0-9]{2} [0-9]{2}|[1-7][0-9]{4}
GB	*United Kingdom*	^[A-Z]{1,2}[0-9][A-Z0-9]? ?[0-9][A-Z]{2}$
PL	*Poland*	^\d{2}-\d{3}$
SK	*Slovakia*	(\d{3} \d{2})|\d{5}
IT	*Italy*	\d{5}
AT	*Austria*	^[1-9]\d{3}$
US	*United States of America*	^\d{5}(-\d{4})?$
UA	*Ukraine*	\d{5}
ES	*Spain*	\d{5}
IL	*Israel*	\d{7}
FR	*France*	\d{5}
KR	*South Korea*	\d{5}
NL	*Netherlands*	[1-9]\d{3} [A-Z]{2}|[1-9]\d{3}[A-Z]{2}
CN	*China*	\d{6}
RS	*Serbia*	\d{5}|\d{6}

TR	*Turkey*	\d{5}
GR	*Greece*	\d{3} \d{2}
BE	*Belgium*	\d{4}
DK	*Denmark*	\d{4}
HR	*Croatia*	^[1-9]\d{4}$
CH	*Switzerland*	\d{4}
IN	*India*	\d{6}
IE	*Ireland*	^[A-Z0-9]{3,4}\s?[A-Z0-9]{4}$
SE	*Sweden*	^\d{3} \d{2}$
RU	*Russian Federation*	\d{6}
AU	*Australia*	\d{4}
BG	*Bulgaria*	\d{4}
SI	*Slovenia*	\d{4}
CA	*Canada*	^[A-Za-z]\d[A-Za-z] \d[A-Za-z]\d$
PT	*Portugal*	^\d{4}-\d{3}$
NO	*Norway*	\d{4}
BR	*Brazil*	^\d{5}-\d{3}$
JP	*Japan*	^\d{3}-\d{4}$
MX	*Mexico*	^\d{5}$
FI	*Finland*	^\d{5}$
SA	*Saudi Arabia*	\d{5}-\d{4}
TW	*Thailand*	^\d{3}\d{0,2}$
AE	*United Arab Emirates*	^\d*$
ID	*Indonesia*	^[1-9]\d{4}$
QA	*Qatar*	^\d*$
MY	*Malaysia*	^(?!00000|99999)\d{5}$
OM	*Oman*	^(\d{5})?$

Note: clearly incorrect values such as "0000" or "9999" or "1234" are filtered out.