

Explanatory notes: ITMATT compliance report

Doc v1.3, 2021.03.01

Introduction

The ITMATT compliance report indicates, for ITMATT messages sent, the level of compliance with the M33-12 standard (ITMATT v1.5.0).

The report is not based on all EDI exchanges during the month. Instead, it is based on a sample consisting of 7 consecutive days in the month. The sampling period is displayed in the top-right corner of the first page of the report.

Report organization

The report is divided in the following parts, from more general to more detailed:

1. Overview of messages sent
2. Repartition of items per product
3. Summary of compliance issues
4. Error details

Extracts of several anonymized sample ITMATT compliance reports are shown below:

ITMATT compliance - February 2021

Sampling period: 15-21 Feb 2021

Operator: ██

Overview of messages sent

ITMATT repartition per product

	Parcels	EMS	small packets	other Letter Post items	Total
Percentage:	18%	20%	0%	62%	100%
No. items:	150	164	0	511	825

EDI address	Total messages	Total items
████████ 501	89	825

1. Summary of issues

All products combined

Description	counted in dashboard?	No. items	% items
114 Invalid addressee phone/fax	<input checked="" type="checkbox"/>	218	26.4%
121 Invalid code	<input checked="" type="checkbox"/>	1	0.1%
122 Zero amount	<input type="checkbox"/>	807	97.8%

Per address and product

sending address - product: ████████501 - parcels

Description	counted in dashboard?	No. items	% items
114 Invalid addressee phone/fax	<input checked="" type="checkbox"/>	62	41.3%
121 Invalid code	<input checked="" type="checkbox"/>	1	0.7%
122 Zero amount	<input type="checkbox"/>	134	89.3%

sending address - product: ████████501 - EMS

Description	counted in dashboard?	No. items	% items
114 Invalid addressee phone/fax	<input checked="" type="checkbox"/>	151	92.1%
122 Zero amount	<input type="checkbox"/>	163	99.4%

sending address - product: ████████501 - other Letter Post items

Description	counted in dashboard?	No. items	% items
114 Invalid addressee phone/fax	<input checked="" type="checkbox"/>	5	1.0%
122 Zero amount	<input type="checkbox"/>	510	99.8%

2. Error details

2.1 structure errors (first 30 occurrences)

EDI dest	intref	error details
████████ 501	INTREF38019	The element 'locality' in namespace 'm33' has incomplete content. List of possible elements expected: 'name' in namespace 'm33'.
████████ 501	INTREF38340	The element 'locality' in namespace 'm33' has incomplete content. List of possible elements expected: 'name' in namespace 'm33'.
████████ 501	INTREF38348	The element 'locality' in namespace 'm33' has incomplete content. List of possible elements expected: 'name' in namespace 'm33'.
████████ 501	INTREF38362	The element 'locality' in namespace 'm33' has incomplete content. List of possible elements expected: 'name' in namespace 'm33'.
████████ 501	INTREF38368	The element 'locality' in namespace 'm33' has incomplete content. List of possible elements expected: 'name' in namespace 'm33'.
████████ 501	INTREF38405	The element 'locality' in namespace 'm33' has incomplete content. List of possible elements expected: 'name' in namespace 'm33'.

2.2 other errors (first 10 occurrences per type)

sending address - product: 501 - Parcels			
Issue: 102 - Invalid sender address - premises			counted in dashboard: yes
EDI dest	intref	mesref	Line / error details
UA501	INTREF41688		/ / /
[REDACTED]			
Issue: 112 - Invalid addressee address - premises			counted in dashboard: yes
EDI dest	intref	mesref	Line / error details
RU501	INTREF39279		?? ????????????, ??? 21?2, ???????? 332 / / /
[REDACTED]			
BY501	INTREF42007		?? ??????????????, 8 - 266 / / /
[REDACTED]			
UA501	INTREF41688		Newton bungalow Locker / / /
[REDACTED]			
RU501	INTREF44240		?????????, ?. 10, ?. 2, ?? 56 / / /
[REDACTED]			
RU501	INTREF44241		?? ??????????, ?. 10, ?. 2, ?? 56 / / /
[REDACTED]			
RU501	INTREF46438		?? ??????????, ?. 10, ?. 2, ?? 56 / / /
[REDACTED]			
RU501	INTREF46439		??????????? 1 ???, ?. 35, ?? 66 / / /

Each part is detailed below:

Overview of messages sent

This section provides the total of ITMATT messages sent by the operator during the sampling period and used for the report, per sending EDI address.

Important note: the total number of messages displayed corresponds to the total for the days of sampling, not the month total.

The total number of items is also displayed (an ITMATT message may contain up to 5'000 items).

ITMATT repartition per product

The table indicates the repartition of items per product, with 4 products: parcels, EMS, and two types of products of the letter post service: small packets (S10 identifier starting with 'U') and other letter post items (all other letter items: registered, insured, tracked...).

The table provides two rows: percentages in the first row, number of items in the second row.

Summary of issues

This section provides a summary of compliance issues found per sending EDI address of the operator.

The list of compliance checks performed, with the resulting error description is provided in annex.

If there are message structure errors, the number of impacted messages is reported first, in a separate table.

The table with other issues provides totals per sending EDI address, product and issue type.

For each issue, the table provides an issue number, the corresponding description, indication (yes/no) if this error is counted in the dashboard, the number of items with this issue, and the percentage of items having the issue, among items of this product and sent from this EDI address.

Error details

Sub-section 2.1 provides details on structure errors. The list is limited to the first 30 messages found with structure errors.

Sub-section 2.2 provides details on all other errors, grouped by sending EDI address and product. A maximum of 10 occurrences per type is reported, in order to keep the report relatively short.

For each error type, the following information is displayed: the error number, description, error category and indication (yes/no) if this error is counted in the dashboard.

For each error, the exact reference message is provided: sending EDI address, destination EDI address, intref (interchange reference number).

The second line provides additional information:

- Item identifier;
- Possibly additional information about the error, depending on the error type.

With this information, the objective is to assist in resolving the issue.

Annex: list of ITMATT errors and explanations

Error code	Counted in dash-board?	Description	Explanations
100	Yes	Message structure error	When the structure of the message does not comply with the XML schema of ITMATT v1.5.0.
101	Yes	Invalid sender name	The sender name is empty or contains some invalid contents, such as a series of question marks, or a default string clearly not corresponding to a person's name
102	Yes	Invalid sender address - premises	There are up to 4 lines of premises. This error is raised when at least one of the lines contains a single character that is not a digit, or '??' or a special string not corresponding to an address, such as 'UNKOWN'
103	No	Invalid sender address - repetitions	There are up to 4 lines of premises. This error is raised if any of them repeats the country code or locality name: these fields are provided separately in <country-code> and <locality-name>
104	Yes	Invalid sender phone/fax	Error raised if the phone or fax contain a series of zeros (example: '00000000')
105	Yes	Invalid sender email	Error raised if the email address is not empty and does not contain the '@' character
111	Yes	Invalid addressee name	See error 101
112	Yes	Invalid addressee address - premises	See error 102
113	No	Invalid addressee address - repetitions	See error 103
114	Yes	Invalid addressee phone/fax	See error 104
115	Yes	Invalid addressee email	See error 105
120	Yes	Invalid item identifier	When the item identifier is not a valid S10 identifier
121	Yes	Invalid code from code list	When an invalid code is used. Error details indicate the data element concerned and the wrong code provided.
122	No	Zero amount	When one of the following (optional) amounts is provided with value zero: insured value, postage value, additional fees.
123	Yes	Content piece: zero net weight	When at least one of the content pieces has a net weight of zero (0).

Error code	Counted in dashboard?	Description	Explanations
124	Yes	Content piece: invalid description	When the text description is empty, is made of a single character, of digits only, or contains only generic text such as 'item', 'goods', etc.
125	Yes	Duplicate item ID within a message	When the same item ID appears more than once in a single message: this brings unnecessary confusion on the receiving side, and since an update of information replaces the previous set, only the latest update should be sent in that case.
126	Yes	Invalid EDI address for the message	<p>When the EDI address of origin and/or destination of the message is invalid. Typically, this happens if the address includes an address qualifier.</p> <p>Example: 'CH501' is a valid address but 'CH501:UP' is not valid.</p>