

Explanatory notes: EDI connectivity report

Doc v2.4, 2023.04.30

1 Introduction

The objective of this report is to point out missing, incomplete or wrong EDI links for all EDI messages.

The post receiving the report is invited to check its EDI configuration and to activate/deactivate the generation of EDI messages with partners, as listed in the report.

The report is based on a global monthly summary of EDI messages exchanged, with the following information: origin EDI address, destination EDI address, message name, version and total number of messages sent in the month.

Note: for posts sending EDI messages from the GXS network, this report is limited to exchanges with partners on the POST*Net network.

2 Report organization

The report contains the following sections:

1. Overview
2. Missing mandatory sending EDI links
3. Missing optional sending EDI links (for information only)
4. Other issues related to EDI links

An anonymized sample report is shown below:

EDI connectivity - August 2022

Operator: [REDACTED]

Compliance summary:

total partnerships	partnerships with issues	percent compliant
780	8	98.97

1. Overview

Missing mandatory sending EDI links

Message	EDI address	# missing links
PREDES	[REDACTED]101	2
RESDES	[REDACTED]101	4

Missing optional sending EDI links

Message	EDI address	# missing links
CARDIT	[REDACTED]101	2
EMSEVT	[REDACTED]350	2
ITMATT	[REDACTED]501	1
RESCON	[REDACTED]101	9

Other issues

Description	# partners
Sending EDI links not handled by destination address	2

2. Missing mandatory sending EDI links

2.1 Missing EMSEVT links for EMS and parcels

EMSEVT received, no EMSEVT sent

No data

2.2 Missing PREDES links

Dispatch existence shown in EMSEVT, no PREDES

Own EDI address	Partner EDI address	Mail classes	Sample corresponding dispatch IDs
[REDACTED]101	AM101	C	[REDACTED]AMEVNCACN20019
[REDACTED]101	TR101	C	[REDACTED]TRISTBACN20089

2.3 Missing RESDES links

PREDES received, no RESDES sent

Own EDI address	Partner EDI address	No. PREDES received from partner in month
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Each section is detailed below:

1. Overview

This section provides three tables with an overview of the EDI connectivity:

- Missing mandatory links: the number of missing mandatory links per sending address and message type; details are provided in section 2;
- Missing optional links: the number of missing optional links per sending address and message type; details are provided in section 3;

- Other issues: a summary of number of other issues per type of issue; details are provided in section 4.

2. Missing mandatory sending EDI links

Based on UPU Regulations, it is mandatory to exchange the following EDI messages with all partners: EMSEVT for EMS and parcels, and PREDES/RESDES for all mail classes.

2.1 Missing EMSEVT links for EMS and parcels

The table lists EDI partnerships (origin and destination EDI addresses) for which the own post received some EMSEVT messages during the month (more than 5 messages received), but did not send any EMSEVT back during the month being reported as well as during the 12 previous months.

This is an invitation for the post to activate the generation of EMSEVT to these partners and EDI addresses.

Note: as there is no obligation to exchange EMSEVT for letter mail, missing EMSEVT links for letter mail are provided in section 3 (optional links).

2.2 Missing PREDES links

The table lists EDI partnerships (origin and destination EDI addresses) as well as the mail classes (C=parcels, E=EMS, U=letters) for which some receptacle identifiers were mentioned in EMSEVT but for which there is no PREDES traffic in the month as well as in the 5 previous months between the receptacle origin and destination.

Note: in EMSEVT, receptacle identifiers may be provided with events EMC, EMJ, EMK and EMD. The system performs PREDES checks based on all receptacle identifiers provided this during the week of the month used for data analysis.

2.3 Missing RESDES links

This table lists EDI partnerships (origin and destination EDI addresses) for which the own post received some PREDES messages during the month, but did not send any RESDES message during the month and 12 previous months.

Note: PREDES messages received that were sent to the wrong address are excluded from the list.

For each partnership, the number of PREDES messages received is displayed, for information.

A common reason for this is when the IT solution generating RESDES is not configured to generate the message to this partner.

3. Missing optional sending EDI links (for information only)

3.1 Missing EMSEVT links for letter mail

Same as 2.1, but for letter mail.

According to UPU Regulations, by default it is not mandatory to exchange EMSEVT for letter mail.

Note: exchanges are mandatory for tracked letters and within the supplementary remuneration programme. These obligations are currently not verified here.

3.2 Missing RESCON links

This sub-section of the report is exactly similar to the previous one, but deals with messages PRECON and RESCON instead of PREDES and RESDES. See the explanations in the previous section for more details.

Note: the exchange of PRECON/RESCON is not mandatory according to UPU Regulations. Therefore, there is no obligation to activate exchanges listed in the report. Linked to this, missing RESCON links are not considered in the calculation of the EDI connectivity indicator displayed in the compliance dashboard.

3.3 Missing CARDIT links

This sub-section lists carriers that have sent RESDIT to the operator during the month (RESDIT without CARDIT) but there has been no CARDIT the other way around during the month and in the previous 5 months.

3.4 Missing ITMATT links

This sub-section is similar to the missing RESCON links, for message ITMATT.

It must be considered as informative only, as ITMATT traffic in one direction only is not necessarily an anomaly: there may be an agreement to receive ITMATT from a partner but not to send ITMATT to this partner.

4. Other issues related to EDI links

4.1 Messages sent to invalid destination address

This sub-section lists cases when a message is sent to an invalid partner EDI address. The last column in the table provides recommendations to help resolve the issue.

4.2 Sent EDI messages not handled by destination address

This sub-section lists cases when a message type and version is sent to a partner EDI address, but this EDI address does not accept this message and version, according to its definition in UPU reference list 160a. The last column in the table provides explanations/recommendations to help resolve the issue.

4.3 Sent EDI messages not accepted by destination

This sub-section lists EDI links that are not accepted by the destination post. All messages sent on these links do not reach destination. For each link, the list indicates if the link is pending approval from destination or if the destination has refused the exchange.

A pending link should not remain in the list for very long. In case it does, the sending post is invited to contact its network provider or the destination post to inquire about the situation.

4.4 Possible new CARDIT partners (airlines appearing in PREDES, no CARDIT)

This sub-section is empty if the PREDES were generated from the GXS network.

Otherwise, it lists airlines fulfilling the following conditions:

- They exchange CARDIT/RESDIT
- They appear in transport segments in PREDES sent by the own post (based on the PREDES analyzed for the month: 2 days only)
- No CARDIT was sent to them by the own post during the month.

You may want to generate CARDIT for all the airlines listed. Before activating CARDIT, it is recommended to contact these airlines to confirm their interest.

4.5 Received messages pending own approval

This sub-section is usually empty for designated operators exchanging EDI messages from the POST*Net EDI network.

If you exchange EDI messages on the GXS network or have requested an approval process on one of your EDI addresses, your approval is required before an EDI partnership is established (an EDI partnership is the exchange between two EDI addresses). If a partner starts sending to your EDI address but you have not provided approval yet, the messages sent by the partner are blocked and do not reach you.

This section lists all the partner EDI addresses for which messages are blocked pending your approval, with the number of messages blocked in the last 60 days. The date when the first message was sent from the partner address is also provided for information.

Please note that you do not receive any EDI message from the listed addresses, even if they actively send to you.

Blocked partnerships can be unblocked by informing your network provider/administrator that you accept the messages from the blocked addresses.

In order to comply with UPU Regulations (articles 17-131 and 17-216), you should accept exchanges from all partners as follows:

- EMSEVT for EMS and parcels
- PREDES for letters and parcels

The list of links pending your approval should remain short and a link should not remain pending for a long time.

4.6 Received messages refused by own post

This sub-section is informative and lists EDI links that your designated operator has refused.

Please note that you do not receive any EDI message from the listed addresses, even if they actively send to you.

Please contact your network provider/administrator if you want to revise the status of a link.