UPU EDI compliance project

Explanatory notes: message upgrade report

Doc v1.3, 2020.08.31

Introduction

The message upgrade report is actually titled 'Message versions that can be upgraded' in the report header.

The objective of the report is to assist DOs upgrade their EDI messages to the latest version with all possible partners and to alert on anomalies linked to message versions sent.

It covers the message types listed in the table below, with their corresponding versions:

Message	Old version	New version
EMSEVT	V1	V3
PREDES	V2.0	V2.1
ITMATT	V1.2.1	V1.5.0

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, total number of messages sent in the month.

The report also uses UPU reference list 160a: the list of EDI addresses and their capabilities (messages and message versions handled).

Report organization

The report includes three sections:

1. Overview
2. EDI partnerships where only old version is sent
3. EDI partnerships where a mix of old and new versions is sent

An anonymized sample report is shown below:

Message versions that can be upgraded - August 2020

Operator: ████████████████████████

1. Overview

Links to be upgraded

Message	EDI address	# partners to be upgraded
EMSEVT	●350	1
ITMATT	●501	2

Links with mixed versions sent

Message	EDI address	# partners
PREDES	●101	2

2. EDI partnerships where only old version is sent

Message: **EMSEVT**   old version sent: v **1**

origin address: ●350 - Letters (class U)

orig	dest	No. messages in month	version received
●350	●350	78	

Message: **ITMATT**   old version sent: v **121**

origin address: ●501

orig	dest	No. messages in month	version received
●501	●501	5	
●501	●501	16	

3. EDI partnerships where a mix of old and new versions is sent

Message: **PREDES**

origin address: ●101

orig	dest	version	No. messages in month
●101	●101	2	4
●101	●101	2.1	3
●101	●101	2	1
●101	●101	2.1	51

Each section is detailed below:

1. Overview

This section provides two tables:

- Links to be upgraded: indicates the number of EDI links that need to be upgraded, per own sending EDI address; this is a summary of section 2;
- Links with mixed versions sent: indicates the number of EDI links for which both the old and new version of a message are sent, per own sending EDI address; this is a summary of section 3.

2. EDI partnerships where only old version is sent

For messages EMSEVT, PREDES and ITMATT, for each sending address belonging to your post, a partnership appears in the report if all the conditions below are met:

- Only the old message version was sent to this destination address during the month;
- The origin address has the capability to send the new version according to UPU ref list 160a;
- The destination address has the capability to receive the new version according to UPU ref list 160a.

The list displayed provides the number of messages sent during the month. This provides an indication of the volume of messages impacted. It also displays the message version received from each partner.

3. EDI partnerships where a mix of old and new versions is sent

This section lists partnerships (pairs of origin-destination EDI addresses) where both the old and the new versions of a message were sent during the month, except the case when the migration from the old to the new version took place during the month.

A partnership appears in the list for a message type if the following conditions are met:

- During the month of the report and also during the previous month, both the old and the new versions of the message were sent;
- Both the origin and the destination EDI addresses have the full capability to exchange the new message type.

Example: if a destination EDI address accepts both PREDES v2.0 and v2.1 for letters, but only PREDES v2.0 for parcels and EMS, then the origin cannot send PREDES v2.1 for all mail and a full upgrade to PREDES v2.1 is not possible. For this reason, the partnership to this destination is not displayed.

For each message type and partnership, two lines are displayed: one line for the old version and one line for the new version. The total number of messages sent in the month for each version is displayed.

There are two main cases when a mix of old and new versions is sent:

- Partial upgrade performed: the new version is sent for part of the mail, but not all. A typical example is with PREDES: it is possible that PREDES V2.1 is sent for one mail class and V2.0 sent for another mail class. It is recommended to fully upgrade to the new message version in this case;
- Both old and new message versions sent for the same mail: this is considered a mistake and the report may help resolve this. If the number of messages sent for the old and new version is the same, it is an indication that this may be the problem.

Additional notes

The UPU has put in place a central publication of partnerships about to be upgraded to EMSEVT V3 and PREDES V2.1, with the planned upgrade date. This publication and associated rules are described in UPU circular 2018/093, provided in annex.
It is suggested that you inform your partners through this central list before you perform the message upgrade. Details can be found in the circular.

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Berne, 16 July 2018

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International Bureau Circular

Upgrade to EMSEVT V3 and PREDES V2.1 – Central publication of planned upgrades

Dear Sir/Madam,

In accordance with a decision of the POC at its 2017.2 session, article 17-131 of the Regulations to the Convention was amended to make it mandatory to send PREDES V2.1 and EMSEVT V3 messages for letters and parcels in replacement of earlier message versions. Consequently, many designated operators now wish to complete the upgrade to these versions with all their partners.

As a step towards phasing out the old message versions, the 2018.1 POC approved moving PREDES V2.0 (M14) and EMSEVT V1 (M17) to status S, superseded by PREDES V2.1 (M41) and EMSEVT V3 (M40), respectively.

To allow designated operators to inform their partners in advance of upgrades to EMSEVT V3 and PREDES V2.1, the International Bureau is putting in place a central publication of planned message upgrades for all mail classes.

The list of planned upgrades is published as an Excel table with the following columns:

- Origin EDI address;
- Destination EDI address;
- Message concerned (EMSEVT or PREDES);
- Date of publication of the notice;
- Date of the planned upgrade;
- Remarks, if any.

The document is already available at the following link:

www.upu.int/uploads/tx_sbdownloader/EMSEVT_PREDES_upgrade_plan.xlsx

It can also be reached from the UPU website at:

www.upu.int/en/activities/standards/support-and-downloads.html

The document will be updated every Tuesday until further notice.

Before upgrading EMSEVT and PREDES messages sent, designated operators are invited to publish the information in this list. To that end, they should send the formatted list of planned upgrades to standards@upu.int by Monday 9.00 (Swiss time) for publication on Tuesday the same week.

Designated operators are also invited to consult this document regularly in order to follow the upgrade of EMSEVT and PREDES messages received from their partners, and to perform any associated necessary checks or technical adjustments.

Yours faithfully,

Abdel Ilah Bousseta

Director of Postal Operations