March 12, 2023 Releases

PostalOne! **System Release 57.1.0.0**

Business Intelligence Data Store Release 54.1.0.0

Release Notes

CHANGE 1.0

[USPS EXTERNAL ONLY]

DEPLOYMENT DATE: MARCH 12, 2023

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1.0 Introduction

On Sunday, March 12, 2023, the United States Postal Service implemented the following software change(s):

- *PostalOne!* System Release 57.1.0.0
- Business Intelligence Data Store Release 54.1.0.0

These Release Notes provide the contents of the release and affected subsystems.

The sections titled ***Corrections to Known Issues*** were derived from External Trouble Reports (ETRs) and Engineering Change Requests (ECRs) for inclusion in these releases.

This document is prepared based on the knowledge available at the time of its publication and any element may be subject to change prior to publication.

2.0 Mail.dat Client Support

Please note the following regarding the Mail.dat client download.

There is a new **required** Mail.dat client with this release. Users should download Mail.dat client 57.1.0.0_PROD from the Business Customer Gateway (BCG) using the following path: Mailing Services ➔ Electronic Data Exchange [Go to Service] ➔ Mail.dat download (Windows 32-bit, Windows 64-bit or Solaris).

The new Mail.dat client 57.1.0.0_PROD is mandatory with this release to improve security as described in section 4.1 for ETR 15430. Mail.dat client 57.0.0.0 is no longer be supported as of March 12, 2023.

New and updated Mail.dat and Mail.XML error codes associated with this release are listed in the table below.

3.0 *PostalOne!* – Enhancements, Updates, and New Functionality

3.1 Electronic Data Exchange

3.1.1 Mail.dat Error Messages

Mail.dat client error messages associated with this release are listed in the table below.

Error Code	Mail.dat Client Error Message	Action	Error Location	Reference
5091	The .csm Parent Container Reference ID must be empty when the .mpu Mail Piece Unit - Class is populated with 2 = Periodicals, 3 = Std Mail or 5 = Per Pending, the .mpu Mail Piece Unit - Processing Category is populated with FL = Flat, the .csm Entry Point for Entry Discount - Facility Type is populated with S = DSCF, the .csm Container Type is populated with 1 = #1 Sack, 2 = #2 Sack, 3 = #3 Sack, 4 = 01V Sack, 5 = 03V Sack, S = Sack (general), V = Sack (Virtual), and the .csm Container Level is populated with C = Mixed CR in 3 Digit, R = 3 Digit (Auto, Presort), S =3 Digit (Barcode) , T = 3 Digit (Presort) , U = 3 Digit (CR, Auto, Presort), X = SCF. Note: This validation is being updated to	Remove the .csm Parent Container Reference ID.	Container Summary Record (.csm)	REQ 23579, CR 113883

Error Code	Mail.dat Client Error Message	Action	Error Location	Reference
	allow CR/5-Digit Flats in Sacks to be palletized.			
5093	Duplicate Record Found: Each .wsr record must have a unique combination of Segment ID, Package Zip Code, Package CR Number, and Co-Palletization Code.	Populate each record in the .wsr file with a unique combination of Segment ID, Package Zip Code, Package CR Number, and Co-Palletization Code.	Walk Sequence Record (.wsr)	REQ 23453, ETR 15227

Table 1 - Mail.dat Client Error Messages

3.1.2 Mail.XML Error Messages

Mail.XML error messages associated with this release are listed in the table below.

Error Code	Error Message	Reference
9822	For ContainerID {1} the ParentContainerID must be empty when the FormType is populated with PE, the ProcessingCategory is populated with FL, the ChargeableEntryLevel is populated with S, and the ContainerType is populated with 1, 2, 3, 4, 5, S, V, and the ChargeableContainerLevel is populated with 3. Note: This validation is being updated to allow CR/5-Digit Flats in Sacks to be palletized.	REQ 23581, CR 113883
9826	For ContainerID {1} the ParentContainerID must be empty when the FormType is populated with SM, the ProcessingCategory is populated with FL, the EntryPointFacilityType is populated with S, and the ContainerType is populated with 1, 2, 3, 4, 5, S, V, and the SortationLevel is populated with C, R, S, T, U, X. Note: This validation is being updated to allow CR/5-Digit Flats in Sacks to be palletized.	REQ 23581, CR 113883

Table 2 - Mail.XML Error Messages

3.1.3 Carrier Route Flats

Mail.dat and Mail.XML were updated to allow Carrier Route (CR)/5-Digit Flats in sacks to be palletized so that mailers can upload their eDoc to the *PostalOne!* System. The validation errors below apply.

- **Mail.dat error 5091**: The .csm Parent Container Reference ID must be empty when the .mpu Mail Piece Unit - Class is populated with 2 = Periodicals, 3 = Std Mail or 5 = Per Pending, the .mpu Mail Piece Unit - Processing Category is populated with FL = Flat, the .csm Entry Point for Entry Discount - Facility Type is populated with S = DSCF, the .csm Container Type is populated with 1 = #1 Sack, 2 = #2 Sack, 3 = #3 Sack, 4 = 01V Sack, 5 = 03V Sack, S = Sack (general), V = Sack (Virtual), and the .csm Container Level is populated with C = Mixed CR in 3 Digit, R = 3 Digit (Auto, Presort), S =3 Digit (Barcode) , T = 3 Digit (Presort) , U = 3 Digit (CR, Auto, Presort), X = SCF.

- **Mail.XML error 9822:** For ContainerID {1} the ParentContainerID must be empty when the FormType is populated with PE, the ProcessingCategory is populated with FL, the ChargeableEntryLevel is populated with S, and the ContainerType is populated with 1, 2, 3, 4, 5, S, V, and the ChargeableContainerLevel is populated with 3.

- **Mail.XML error 9826:** For ContainerID {1} the ParentContainerID must be empty when the FormType is

populated with SM, the ProcessingCategory is populated with FL, the EntryPointFacilityType is populated with S, and the ContainerType is populated with 1, 2, 3, 4, 5, S, V, and the SortationLevel is populated with C, R, S, T, U, X. REQ 23581, REQ 23579, CR 113883

3.1.4 Extra Service Codes

Mail.dat was updated to enable the Shipping Service File to convert Hazmat Extra Service codes from the Intelligent Mail Package Barcode (IMpb) service type code instead of the Special Fees/Charges file. CR 15336

3.1 Electronic Verification Service (eVS)

The update enables eVS to calculate data for two new columns in the Sampled Incorrect Packaging Report: Manifest Cubic Volume and Sampled Cubic Volume. CR 15441, REQ 23555

3.2 Periodicals

The update enables Periodicals customers to enter a circulation date that is later than the filing dates so that they can use a future month's data. CR 15449

3.3 Reports

The update made the following changes to the online Sampled Incorrect Packaging Report on the Sample Short Paid Report page.

- Columns removed (online report only):
    - Transaction ID
    - File Number
    - Sub-File Number

- A Sample Source column was added to both the online report and all export formats. CR 15211, REQ 23527

4.0 *PostalOne!* System - Corrections to Known Issues

4.1 Electronic Data Exchange

- The release corrected an issue that occurs when a Mail.XML postage statement is generated with "metered lowest." The postage due was being incorrectly taken out of the additional postage permit. ETR 15419

- The release corrected an issue that causes Mail.XML to truncate leading zeroes for Destination ZIP Codes in Intelligent Mail Package Barcodes (IMpbs). The truncated zeroes were causing statements to receive IMPB noncompliance errors upon statement finalization. ETR 15345

- The update enables the *PostalOne!* System to remove Intelligent Mail container barcodes in Mail.XML combined mailings upon reversal. Container barcodes that have not been reversed cannot be resubmitted. ETR 15451

- The release updated the Mail.dat client, which was outdated. ETR 15430

- A new validation code, 5093, was being created to align with the Mail.dat technical specifications for Walk Sequence Records (WSR). The code fails an electronic documentation (eDoc) submission if the WSR has no primary key.

    - **Mail.dat error 5093**: Duplicate Record Found: Each .wsr record must have a unique combination of Segment ID, Package Zip Code, Package CR Number, and Co-Palletization Code. ETR 15227, REQ 23543,

- The release ensures that USPS Marketing Mail pieces receiving the SCF discount and that are being spoiled are being charged the correct postage. Previously the new USPS Marketing Mail SCF discount lines for spoiled pieces were incorrectly generating line details causing spoilage to be calculated incorrectly. ETR 15465

- The release enables comail eDoc submissions to generate origin entered mixed Area Distribution Center (ADC) pallet outside county container charges. ETR 15470

4.2 *Postal One!* System Interface with Enterprise Payment System (EPS)

The release updated retry logic used when an Enterprise Payment System (EPS) submission fails due to a negative balance error. Previously, the submissions were retried in the auto-finalization process by issuing an automatic override. However, if during this step, one of the child statements within a master statement faced a low balance situation, then only the child statement was retried as opposed to the entire master. The update enables eVS to retry the entire master statement. ETR 15434, REQ 23549

4.3 Refunds

The release updated the display of requester and approver comments on refund transactions, and the comments column on the concurrence page will be renamed to reflect the correct status. ETR 15418

5.0 Business Intelligence Data Store (BIDS) – Enhancements, Updates and New Functionality

The update removed Undocumented Category 14 metrics from Mailer Scorecard and export files. CR 125

6.0 Document History

Date	Version	Section	Description
03/12/2023	1.0	ALL	Document First Published