



# June 28, 2020 Releases

*PostalOne!* System Release 51.0.1.0

Business Intelligence Database System (BIDS) Release 51.0.1.0

Enterprise Payment System (EPS) Release 3.12.1.0

## Release Notes

CHANGE 3.0

[EXTERNAL]

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**NOTE:** The information in this document concerns planned revisions that are not historical facts. Actual results may differ from these forward-looking statements.

## INDEX

**NOTE:** In general, index entries are identified by their ALM Requirement ID and/or ALM Item ID, with references as shown below. Where two numbers are shown, the requirement number is indicated by “-R”.

Application	Suffix Identifier (“-X”)
<i>PostalOne!</i> System	no suffix: ALM Item numbers R: ALM Requirement numbers
Business Intelligence Database System (BIDS)	B: ALM Item numbers
Enterprise Payment System (EPS)	EI: ALM Item numbers ER: ALM Requirement numbers

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## 1.0 Introduction

On Sunday, June 28, 2020, the United States Postal Service implemented the following software changes:

- *PostalOne!* System Release 51.0.1.0
- Business Intelligence Database System (BIDS) Release 51.0.1.0
- Enterprise Payment System (EPS) Release 3.12.1.0

These Pre-Release Notes provide the contents of the release and affected subsystems. The sections titled **Corrections to Known Issues** are derived from External Trouble Reports (ETRs) and Engineering Change Requests (ECRs) for inclusion in these releases.

Included in this document are changes implemented with the June 14, 2020 structural release impacting Market Dominant products and services with effective date June 28, 2020. Refer to [Appendix A](#) for applicable technical specifications.

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 the release.

## 2.0 Mail.dat Client Support

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

There is a new **optional** Mail.dat client with this release. Users can download Mail.dat client **51.0.1.0\_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 updated Mail.dat client resolves the system error (“SEV2”) some users are receiving upon submission of a Mail Piece Unit (MPU)/Component Relationship (.mcr) file (*PostalOne!* System Issue 14048).

**Note:** The Mail.dat client Windows 32-bit and 64-bit downloads now come bundled with AdoptOpenJDK version 8. Users utilizing the Solaris version of the Mail.dat client must continue to ensure they have downloaded and installed OpenJDK 8u232 ([AdoptOpenJDK – Download](#)).

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

### 3.1 Commercial Post Office (PO) Box Redirect Service

Effective June 28, 2020, the United States Postal Service provides users the ability to submit redirect requests for their commercial Post Office (PO) Boxes. The *PostalOne!* System, Enterprise Payment System (EPS), and Intelligent Mail® Barcode Accounting (IMbA) system have been updated to interact with each other to accomplish this, as described in the sections below.

#### 3.1.1 *PostalOne!* System

The *PostalOne!* System Mailing Service provides Contingency and Operational rates for the Commercial PO Box Redirect Service. Mailers are charged appropriately based on their enrollment into the service and setup of Operational or Contingency rates.

The *PostalOne!* System sends invoice data to the Enterprise Payment System (EPS) for processing to charge mailers for the service. EPS sends a success or failure status message back to the *PostalOne!* System for the transaction. For successful transactions, the *PostalOne!* System requests additional optional transaction details from EPS for reporting. For failed transactions, the rejection reason is returned in the status message from EPS.

#### 3.1.2 Intelligent Mail Barcode Accounting (IMbA)

The IMbA system accepts input regarding the redirected destinations and requests Mail Processing Equipment (MPE) scan information from the Intelligent Mail Visibility (IM-VIS) system for those destinations. Based on the information provided by the IM-VIS system, IMbA computes the number of mailpieces redirected. On a daily basis, IMbA sends a redirected mailpiece count to the *PostalOne!* System for invoicing. The *PostalOne!* System sends a

success or failure status message back to the IMbA system, which retains it in a database for future reference.

### 3.2 Political Mail Service Type IDs (STIDs)

The *PostalOne!* System implemented new Service Type IDs (STIDs) for Political Mail which will be effective on July 31, 2020. Political Mail continues to be a top priority within the United States Postal Service. One of the goals is to ensure that ongoing improvements are made to support and improve the Political Mail processes. Use of these new STIDs will allow for Informed Visibility Mail Tracking and Reporting (IV-MTR) that will uniquely identify Political Mail during mail processing. The new STIDs are listed in the table below.

New Political Mail STID	Class of Mail	Address Correction	Basic or Full Service
727	First-Class Mail	No Address Corrections	Basic
747	First-Class Mail	No Address Corrections	Full Service
728	USPS Marketing Mail	No Address Corrections	Basic
748	US PS Marketing Mail	No Address Corrections	Full Service

**Table 1 - New Political Mail STIDs, Effective July 31, 2020**

Mail.dat and Mail.XML supports the new Service Type IDs (STIDs) for Political Mail which is effective on July 31, 2020. To accommodate this, the reference data for several existing Mail.dat and Mail.XML validations have been updated to include the new STIDs, as described in the table below.

Validation Type	Validation Code	Severity	Description
Mail.dat	4251	Warning	The STID portion of the Intelligent Mail Barcode in the .pdr file must match the .mpu Mail Piece Unit - Class.
Mail.dat	4280	Warning	The STID portion of the Intelligent Mail Barcode in the .pbc file must match the .mpu Mail Piece Unit - Class.
Mail.XML	9527	Error	The STID portion of the Intelligent Mail Barcode populated in the ServiceTypeCode field of the IMB block in the MailPieceCreateRequest must match the FormType provided in the QualificationReportSummaryCreateRequest message.

**Table 2 - Mail.dat and Mail.XML Validation for New STIDs** [13962](#)

### 3.3 Retirement of Return Receipt for Merchandise

Effective June 28, 2020, the United States Postal Service (USPS) has eliminated support for the extra service S34 "Return Receipt for Merchandise." The service has been removed from Priority Mail, USPS Marketing Mail Non-Profit, and Package Services.

No changes are needed for the ICR file; other changes needed to accommodate the elimination of this service are described in the sections below. [13828](#) ([21190-R](#), [21191-R](#), [21192-R](#))

#### 3.3.1 Postage Statement Changes – Retirement of Return Receipt for Merchandise

Effective June 28, 2020, the following electronic postage statements have been updated to reflect the removal of extra service S34 "Return Receipt for Merchandise."

- PS Form 3600 PM (Priority Mail)
- PS Form 3602-N (USPS Marketing Mail Non-Profit)
- PS Form 3605 (Package Services)

**Note:** Changes to printed ("hard-copy") postage statements will be made in a future Price-Change release. [13828](#)

### 3.3.2 Mail.dat and Mail.XML Changes – Retirement of Return Receipt for Merchandise

Effective June 28, 2020, for Mail.dat, the SFR type value of “G” (Return Receipt / Merchandise) is no longer supported. Mail.dat submitters claiming SFR type “G” will receive a message clarifying that the service is no longer supported.

Effective June 28, 2020, for Mail.XML, the Extra Service Code (ESC) type value of “RRM” (Return Receipt / Merchandise) is no longer supported. Mail.XML submitters claiming ESC type “RRM” will receive a message clarifying that the service is no longer supported. [13828](#)

### 3.3.3 Shipping Services File Changes – Retirement of Return Receipt for Merchandise

Effective June 28, 2020, for the Shipping Services File (SSF), the Extra Service Code “960” (Return Receipt for Merchandise) is no longer supported. In addition, effective June 28, 2020, the Service Type Codes documented in [Appendix B](#) will be retired by Product Tracking and Reporting System (PTR) and will therefore be ignored by the electronic Verification System (eVS). [13828 \(21190-R, 21191-R, 21192-R\)](#)

## 4.0 PostalOne! System – Corrections to Known Issues

### 4.1 Electronic Data Exchange

Mail.dat validation has been updated to properly handle submissions of Mail.dat Mail Piece Unit (MPU)/Component Relationship (.mcr) files where the Segment File eDoc Verification Facility ZIP Code maps to a non-BMEU facility. Previously, when a BMEU facility type record did not exist for the eDoc Verification Facility lookup, a “SEV2” system error was generated. This occurred during validation of Mail.dat Mail Piece Unit (MPU)/Component Relationship (.mcr) files. An updated optional Mail.dat client (51.0.1.0\_PROD) is available to resolve this issue. [14048 \(21429-R\)](#)

## 5.0 Business Intelligence Database System (BIDS) – Corrections to Known Issues

### 5.1 Reports

The eInduction Undocumented Details report has been reset to use the version that was in place prior to BIDS release 51.0.0.0 on June 14, 2020. This alleviates a data retrieval issue that previously prevented the report from displaying any undocumented errors, even though the errors existed and could be viewed on the Mailer Scorecard.

[61-B](#)



## 6.0 Enterprise Payment System (EPS) – Enhancements, Updates, and New Functionality

### 6.1 Commercial Post Office (PO) Box Redirect Service

The Enterprise Payment System (EPS) has been updated to support Commercial PO Box Redirect Services.

EPS now receives transaction data from the *PostalOne!* System for processing to charge mailers for the service. EPS sends a success or failure status message back to the *PostalOne!* System for the transaction. For successful transactions, the *PostalOne!* System sends additional optional transaction details (e.g. Total Pieces) to EPS for reporting. For failed transactions, EPS includes the reason for the rejection in the status message sent to the *PostalOne!* System. Mailers are charged appropriately based on their enrollment into the service and setup of Operational or Contingency rates.

To accommodate these changes, the EPS Commercial Mailing & Shipping Details Report, EPS Transaction History Report, and the EPS Spending History Reports have been updated as described below.

- The EPS User and Account Spending History reports include Commercial PO Box Redirect fee transactions in the pie chart as part of “Comm PO Box Redirect”.
- The EPS Commercial Mailing & Shipping Details Report have been updated to populate the Class column with the value included in “Comm PO Box Redirect” on the Spending History reports. The Total Pieces column has been populated with the number of pieces (when provided by the *PostalOne!* System).
- The EPS Transaction History Report displays the Commercial PO Box Redirect fee transactions with a description of “Comm PO Box Redirect”. [1631-ER](#), [1632-ER](#), [1633-ER](#), [1634-ER](#)

## 7.0 Enterprise Payment System (EPS) – Corrections to Known Issues

### 7.1 Transactions

An update has been made to properly handle reversals of *PostalOne!* System transactions for customers using an EPS account where the original transaction does not have a postage statement number. Previously, reversals of fee payments made in the *PostalOne!* System for EPS account-holders resulted in failure due to an issue introduced in the June 14, 2020 release. The original transaction (a fee payment) was not associated with a postage statement. However, the reversal logic incorrectly expected an empty string value for this transaction scenario, and generated an error when it encountered a null value in the postage statement field instead. [1667-EI](#)

## 8.0 Enterprise Payment System (EPS) – General Information

### 8.1 Payment Method Company Name and Billing Address Information

**REMINDER:** When adding an ACH Debit payment method in EPS, the Billing Address, Billing State, and Company Name *must* conform to the following formatting rules with regard to the use of special characters:

- The Billing Address and Company Name must start with a letter, number, or question mark (?).
- Subsequent characters can *only* be any of the following:
  - letters
  - numbers
  - question mark (?)
  - dash (-)
  - single quote (')
  - period (.)
  - comma (,)
  - forward slash (/)
  - 'at' sign (@)
  - ampersand (&)
  - open parenthesis ( or close parenthesis )
  - exclamation point (!)
  - plus sign (+)
  - colon (:)
- The Billing State must be a 2-character value containing letters only.
- Use of any other special characters not included in the above list will prevent submission of the form.

## 9.0 Appendix A – Applicable Technical Specifications

### 9.1 *PostalOne!* System Mail.dat eDoc Specification Version Support

The *PostalOne!* System supports the following technical specification versions for Mail.dat eDoc.

<i>PostalOne!</i> Mail.dat (eDoc) Version Support			
Versions	Versions Supported Prior to June 14, 2020	Versions Supported June 14, 2020 to June 28, 2020	Versions Supported on and after June 28, 2020
18-1	Supported	Supported	Supported
19-1	Supported	Supported	Supported
<b>Notes:</b>			
<ul style="list-style-type: none"> <li>Both versions remain supported through June 28, 2020 and beyond.</li> <li>The June 14, 2020 release required a new Mail.dat client to support Mail.dat submissions.</li> </ul>			

**Table 3 - Version Support for Mail.dat eDoc**

### 9.2 *PostalOne!* System Mail.XML eDoc Specification Version Support

The *PostalOne!* System supports the following technical specification versions for Mail.XML eDoc.

<i>PostalOne!</i> Mail.XML (eDoc) Version Support			
Versions	Versions Supported Prior to June 14, 2020	Versions Supported June 14, 2020 to June 28, 2020	Versions Supported on and after June 28, 2020
22.0	Supported	Supported	Supported
23.0	Supported	Supported	Supported
<b>Note:</b> Both versions remain supported through June 28, 2020 and beyond.			

**Table 4 - Version Support for Mail.XML eDoc**

### 9.3 *PostalOne!* System Mail.XML Data Distribution, MID-CRID, and FAST Specification Version Support

The *PostalOne!* System supports the following technical specification versions for Mail.XML Data Distribution, MID-CRID, and FAST.

**Note:** There are no changes to supported versions.

Versions	Data Distribution Mail.XML MID-CRID Mail.XML FAST Mail.XML	
	Current Versions Supported – Prior to June 14, 2020	Post-Release Versions Supported– June 14, 2020 and Beyond
14.0A	Supported	Supported
16.0	Supported	Supported

**Table 5 - Version Support for Mail.XML Data Distribution, MID-CRID, and FAST**

## 9.4 Shipping Services File (SSF) Version Support

The *PostalOne!* System supports the following technical specification versions for the Shipping Services File (SSF).

eVS Shipping Services File (SSF) Version Support		
Versions	Versions Supported Prior to June 14, 2020	Versions Supported on and after June 14, 2020
1.3	Supported for EMCA <sup>1</sup> /EMRS <sup>2</sup> only	Supported for EMCA <sup>1</sup> /EMRS <sup>2</sup> only
1.4	Supported	Supported
1.6	Supported	Supported
1.7	Supported	Supported
2.0	Supported	Supported
1 – Express Mail Corporate Accounts		
2 – Electronic Marketing Reporting System		

**Table 6 – SSF Version Support**

## 10.0 Appendix B – Retirement of Service Type Codes

Effective June 28, 2020, the table below depicts Service Type Codes being retired by Product Tracking and Reporting (PTR) in relation to the USPS's retirement of Return Receipt for Merchandise (S34).

STC	Full Description	Class of Mail	Banner Text	Extra Service Code 1 1st Service	Extra Service Code 2 2nd Service	Extra Service Code 3 3rd Service
118	Priority Mail: Insurance <= \$500, Return Receipt for Merchandise	PM	USPS SIGNATURE TRACKING	930	960	
119	Priority Mail: Return Receipt for Merchandise	PM	USPS SIGNATURE TRACKING	960		
306	USPS Marketing Mail: Insurance <= \$500, Return Receipt for Merchandise	SA	USPS SIGNATURE TRACKING #	930	960	
307	USPS Marketing Mail: Return Receipt for Merchandise	SA	USPS SIGNATURE TRACKING #	960		
308	USPS Marketing Mail: USPS Tracking, Return Receipt for Merchandise	SA	USPS SIGNATURE TRACKING #	920	960	
468	Bound Printed Matter: Insurance <= \$500, Return Receipt for Merchandise	BB	USPS SIGNATURE TRACKING #	930	960	
469	Bound Printed Matter: Return Receipt for Merchandise	BB	USPS SIGNATURE TRACKING #	960		
529	Media Mail: Insurance <= \$500, Return Receipt for Merchandise	BS	USPS SIGNATURE TRACKING #	930	960	
530	Media Mail: Return Receipt for Merchandise	BS	USPS SIGNATURE TRACKING #	960		
590	Library Mail: Insurance <= \$500, Return Receipt for Merchandise	BL	USPS SIGNATURE TRACKING #	930	960	
591	Library Mail: Return Receipt for Merchandise	BL	USPS SIGNATURE TRACKING #	960		

STC	Full Description	Class of Mail	Banner Text	Extra Service Code 1 1st Service	Extra Service Code 2 2nd Service	Extra Service Code 3 3rd Service
650	Parcel Select: Insurance <= \$500, Return Receipt for Merchandise	PS	USPS SIGNATURE TRACKING #	930	960	
651	Parcel Select: Return Receipt for Merchandise	PS	USPS SIGNATURE TRACKING #	960		
991	USPS Marketing Mail™: Insurance <= \$500, Tracking, Return Receipt for Merchandise	SA	USPS SIGNATURE TRACKING #	920	930	960

Table 7 - Service Type Code Retirement

## 11.0 Document History

Date	Version	Section	Description
06/28/2020	Change 3.0	<ul style="list-style-type: none"><li>All</li></ul>	<ul style="list-style-type: none"><li>Updated text to reflect post-release language.</li></ul>
06/23/2020 – 06/25/2020	Change 2.0	<ul style="list-style-type: none"><li>All</li><li>3.1</li><li>6.1</li><li>7.1</li></ul>	<ul style="list-style-type: none"><li>Removed “DRAFT” watermark</li><li>Added IMbA information</li><li>Updated for clarification</li><li>Added ETR 1667</li></ul>