



PECOS P2P

Version 17.0

Release Notes

June 2021

Company Confidential

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1 Introduction

Elcom is pleased to announce the release of PECOS P2P version 17.0.

Version 17.0 is a major release which delivers a number of technical enhancements, a few minor feature changes and several defect fixes.

As many of the enhancements in this release are technical in nature, customers are advised to thoroughly regression test the build against their specific use cases for both administration and procurement roles and functionality. This should include new data set up and edits as well as all end to end transaction processing functions.

1.1 Audience

These release notes are for customers who are upgrading from PECOS P2P version 16.0 to PECOS P2P version 17.0 and should be read in conjunction with the appropriate administration and user manuals.

1.2 Enhancement Listing

The table below lists the enhancements and minor feature changes and the section within this document where further information is provided.

| Enhancement / Feature Change Description | Document Section |
|--|------------------|
| Technical Refresh | 2.1 |
| P-Card Bulk Load Retirement | 2.2 |
| Industry Standard Email validations | 2.3 |
| Deactivate Catalogues | 2.4 |
| Fax Transmission Services Retirement | 3 |

1.3 Platform Support

PECOS v17.0 is certified for use with PCs with several browsers. More information can be obtained in the PECOS Supported Technology Guide.

1.4 Overview

For the feature change that is introduced with PECOS P2P version 17.0, these release notes include a **Purpose** section containing a brief description of the new feature, **Usage Scenarios** and relevant **Exclusions** where appropriate. **Document References** to current versions of Guides and Manuals are given where further, more detailed information is available. A **Functional Enhancements Overview** of the new feature is provided, and **Use Cases** are described in detail.

2 Enhancements and Changes

The following section details the major technical enhancement and the minor functional enhancements included in this release.

2.1 Technical Refresh

2.1.1 Background

PECOS P2P version 17.0 introduces a technical refresh of the core PECOS application, covering many system and software architecture components, including support for an upgraded version of Oracle (18c) and removing the dependency on Java.

2.1.2 Description

The following technical enhancements have been delivered in this release:

1. Removal of JAVA 1.1, updated to OPENJDK 11 running within the TOMCAT 9X latest servlet container.
2. All ASP pages have been translated into JAVA bytecode.
3. The administration components of the application have been moved from the SEAM framework onto SPRING.
4. With the application now running on the SPRING framework, this provides access to enhanced Security, LDAP and Web Services.
5. Installation of HAPEE Load Balancing and Fail Over for all PECOS sub-functions.

6. Installation of Oracle 18c.
7. Refresh of the User Interface and Persistence Framework (Hibernate) to the latest versions.
8. Use of Continuous Integration (CI) / Continuous Delivery (CD) in the backend for faster and more efficient development of the main application.
9. Added a Single Sign On framework that will support MS Active Directory sign-in to accommodate professional service engagements that call for this support.
10. Refreshed look and feel of the Login page.
11. Consistent design across the organization selection tree screen displayed across the administration pages. Most specifically, this introduces a layout change of the organization selection tree screen on the more currently added administration components (e.g. budget checking, announcements, workflow delegation, PCM).
12. Administration components that were newly introduced in several past releases (e.g. budget checking, announcements, workflow delegation, PCM) had been developed on a different technology stack from the rest of the administration functions. All functions within the administration module have now been combined into the same technology stack using Spring Boot framework.
13. The integration URLs for pulling order, invoice and receipt batches have case sensitivity due to the technical refresh. These are as follows, with the highlighted part of the URL being case sensitive:
 - o Order export batch = <https://pec170qaa.pecosipm.com/IPMExports/orderexport.asp>
 - o AP export batch = <https://pec170qaa.pecosipm.com/IPMExports/apexport.asp>
 - o Receipt Return batch= <https://pec170qaa.pecosipm.com/IPMExports/ReceiptReturnExport.asp>

2.2 P-Card Bulk Load Retirement

2.2.1 Background

A Bulk P-Card Load API, XLS template and user guide had been provided for the bulk upload of procurement or credit card data as a professional service, as well as providing an interface capable of managing ongoing automated updates. Since this interface is not actively utilised and the input of P-Card data is being managed manually through the user interface screens, the ongoing support and maintenance of an API is no longer viable.

2.2.2 Description

The Bulk P-Card Load API, XLS template and user guide is no longer supported and the API is removed from the PECOS P2P utilities on version 17.0. Elcom will continue to provide the option for bulk upload through a professional service engagement, managed by Elcom implementation resources utilising database administration resources.

2.3 Industry Standard Email Validation

2.3.1 Background

There are Email fields on the User profile and Supplier profile pages of the PECOS P2P Administration Module. The data entered into these free text fields historically have been validated using logic coded by Elcom development. PECOS P2P version 17.0 introduces the use of Industry standard Email validation libraries for Email content validation.

2.3.2 Description

PECOS P2P version 17.0 utilises the world-class and industry-standard library, Apache Commons Validator to fully adhere with Email address naming standards as defined in RFC 5322 (section 3.4.1. - Addr-Spec Specification) and RFC 3696 (section 3. - Restrictions on Email addresses).

2.4 Deactivate Catalogues

2.4.1 Background

In order to deactivate a full set of content in a catalogue on PECOS P2P, users have had the option to either use the self-service catalogue loader tool found on the former Elcom Service Desk or to send these requests to Elcom Support for this deactivation. With the retirement of the catalogue loader tool on the Elcom Service Desk, the gap with having a self-service option is being addressed with a simple deactivation action now available from the PECOS Catalogue Content Manager module.

2.4.1 Description

A new action column and button called 'Deactivate Catalogue' has been added on the Catalogue Content – Find Catalogue page that is yielded when search results are returned on the page. When this button is clicked, it will deactivate all items on the selected catalogue.

3 Fax Transmission Services Retirement

3.1 Purpose

Technology enhancements to PECOS P2P version 17.0 impose constraints on the support of fax services. In addition to this, a number of organisations are moving away from this technology and some are mandating the termination of fax transmission.

Since the use of fax transmission is very rarely used and the prevalence of fax machines almost totally diminished in the business world, the fax transmission service and associated fax failure behaviour is retired in PECOS P2P version 17.0. Other areas and fields within the UI that store or display fax numbers have also been changed as noted in this section.

3.2 Usage Scenarios

Detailed use cases are listed in section 3.6 below.

3.3 Scope and Exclusions

- The removal of fax fields, which are non-functional fields, across transactional interface files, DataMart extracts and reporting exports are not removed in this release and are excluded in this feature change.

3.4 Document References

Additional information may be found in the following PECOS Manuals for the feature change referred to in this section:

- PECOS P2P v17.0 User Manual
- PECOS P2P v17.0 Administration Manual
- PECOS P2P v17.0 Bulk Supplier Load
- PECOS P2P v17.0 Bulk Supplier Load Template
- PECOS P2P v17.0 Bulk User Load
- PECOS P2P v17.0 Bulk User Load Template

3.5 Functional Change

3.5.1 Change to Administration - Supplier Profile

1. The following changes have been made to the main Supplier Profile screen:
 - a. Removed the 'Fax' field. The field and all associated data are retained in the database.
 - b. Added a Mobile field.
 - i. The field properties are as follows:
 - Optional
 - Supported Value = Alphanumeric
 - Length = 35
 - ii. The Mobile field is provided for information purposes only and is not captured in reporting.



The screenshot shows the 'Supplier Profile' interface. At the top, there is a search bar with the text 'Enter criteria to limit search' and buttons for 'Search', 'Clear', 'Save', 'Build View', 'Taxation', and 'Organisation'. Below this is a navigation menu with tabs for 'Info', 'Terms', 'Bank Address', 'Address', 'Transmission Info', 'Interfaces', 'User Fields', 'Contacts', 'Search Preferences', and 'PEPSS Identifiers'. The main content area is titled 'Supplier Information' and contains several input fields: 'Name', 'Key', 'Short Name', 'SLN', 'Supplier Number', 'Customer Number', 'Country/Language' (with a dropdown menu showing 'United Kingdom-English'), 'Phone', and 'Mobile'. The 'Fax' field is no longer present.

Figure 3.5.1.1 Supplier Profile screen with Fax field removed and Mobile field added

2. The following change has been made to the Supplier Profile, Document Transmission Information screen:
 - a. Options for fax as a Transmission Type have been removed from the Document Transmission Information screen of the Supplier Profile.

Figure 3.5.1.2 Supplier Document Transmission Information with Fax options removed

- b. Upon upgrade to version 17.0, a Database script will be run to automatically undertake the following configuration changes on the Document Transmission method of all Supplier Profiles:
 - i. If a supplier has 'Fax (pdf)' as a Document Transmission Method this will be changed to 'Email Attachment (pdf)' for the following Transmission Types:
 - o Purchase Orders
 - o Purchase Orders (Test)
 - o Change Orders
 - o Purchase Order Cancellations
 - ii. If a supplier has 'Fax' as a Document Transmission Method for Price Quote this will be changed to 'Email'.
3. The following change has been made to the Supplier Profile, Contact Information subscreen:
- a. Removed the 'Fax' field for each of the Contact types. The fields and all associated data are retained in the database.
 - b. Added a Mobile field for each of the Contact types.
 - i. The field properties are as follows:
 - Optional
 - Supported Value = Alphanumeric
 - Length = 35
 - ii. The Mobile field is provided for information purposes only and is not captured in reporting.

Figure 3.5.1.3 Supplier Contact Information with Fax fields removed and Mobile field added

3.5.2 Change to Administration – User Profile

1. The following changes have been made to the User Profile screen:
 - a. Removed the 'Fax' field. The field and all associated data are retained in the database.
 - b. Added a Mobile field.
 - i. The field properties are as follows:
 - Optional
 - Supported Value = Alphanumeric
 - Length = 50

- ii. The Mobile field will be provided for information purposes only and is not captured in reporting.
- c. The copy user function has been updated to remove the fax field from being included in the user copy. Mobile content is not included in the user copy.

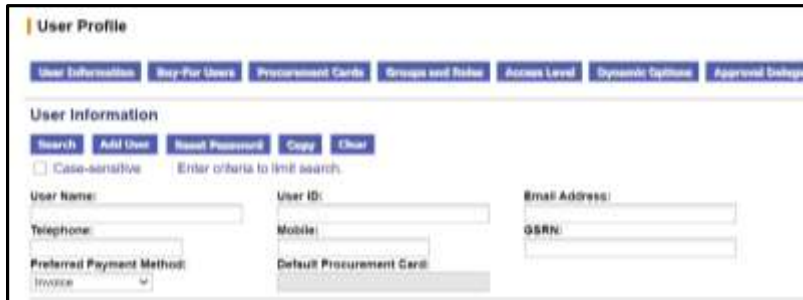


Figure 3.5.2 User Profile screen showing Fax field removed and Mobile field added

3.5.3 Change to Administration - Organisation Maintenance

1. The following changes have been made to the Message Management, Manage Message Delivery Failures and Replies subsection of the screen:
 - a. The section heading 'Email Fax Approver recipients' has been changed to: "Failure and Reply Recipients". This is a text change only.
 - b. The 'Fax Failure Recipients' column has been removed from the Failure and Reply Recipients table.
 - c. The Fax Failure Recipients checkbox validation is removed and the error message ('Please select an administrator to receive fax delivery failure notifications') retired.

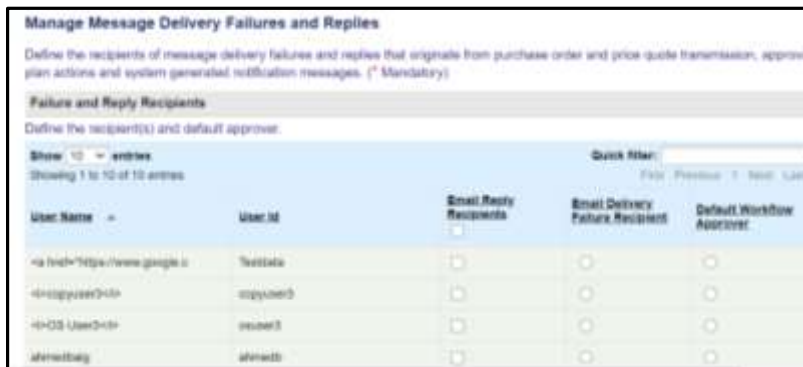


Figure 3.5.3 Message Management Delivery Failures and Replies with Fax Failure Recipients checkbox column removed

- d. The 'Delivery Failures details' subsection of the screen is no longer required and has been removed in its entirety:
- e. The 'Approver notification details' sub section of the screen has been changed to read: "Default Workflow Approver Notification".

3.5.4 Change to Procurement – Purchase Order Change

1. The following change has been made on the Purchase Order Change screen:
 - a. The option for fax as a PO Change Transmission Method has been removed from the Purchase Order Change screen

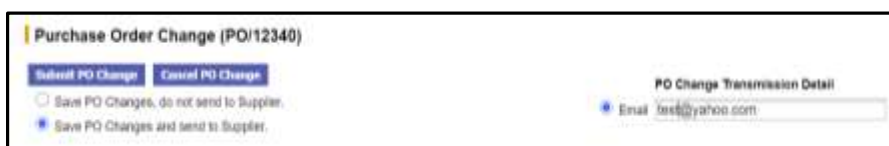


Figure 3.5.4 Purchase Order Change with Fax option removed

3.5.5 Change to Procurement - Purchase Order Resend

1. The following change has been made to the Purchase Order Resend screen:

- a. The option for fax as a PO Retransmission Method has been removed from the Purchase Order Resend screen

Figure 3.5.5 Purchase Order Resend with Fax option removed

3.5.6 Change to Procurement – PDF PO

1. The PDF document transmitted to suppliers when the transmission method is set to Email, and the viewable page accessed from the Purchase Order Status Summary screen will no longer contain a value in the 'Fax:' field in the Supplier and Order Contact section of the page.

3.5.7 Change to Procurement – User Defined Suppliers

1. The option for 'Fax' in the User defined Supplier screen for Order Transmission has been removed and the 'Email Address' option has been renamed and the radio button has been removed.

Figure 3.5.7 User defined Supplier with Fax option removed

3.5.8 Fax Transmission Services Disabled

1. Fax Transmission Services are fully disabled from PECOS P2P.
2. If at the time of the upgrade, there are orders that remain in a fax failure status, Elcom Support will engage with the impacted users to provide options to address the transmission of those orders.

3.5.9 Changes to Bulk Loads

1. The following Bulk Load changes have been made and the templates and manuals have been updated:
 - a. Bulk Supplier Load
 - i. All fax fields listed below have been greyed out and noted as deprecated in the template as they are not perpetuated to the database
 - o Supplier Fax
 - o Cancel/Change Contact Fax
 - o RMA Request Contact Fax

- Price Quote Contact: Fax
 - ii. Order, Change Order, Cancel Order, Price Quote Transmission Method options no longer include or allow for 'Fax'
- b. Bulk User Load:
 - i. Fax field has been greyed out and noted as deprecated in the template as they are not perpetuated to the database

3.6 Use Case Scenarios

The following section provides indicative use case scenarios where fax is no longer a valid purchase order transmission service. These scenarios should be used in conjunction with each customer's own test cases to assist with testing the change to this feature.

3.6.1 Set up a New Supplier or Edit Existing Profile and Transmit orders

Description:

Set up a new supplier profile or edit an existing profile reflective of all fields and administration screens noted as changed throughout section 3 of this document. Process orders through to transmission.

Prerequisites:

- a) User has administrative privileges to maintain suppliers
- b) User is familiar with all supplier profile set up requirements, and if creating a new is familiar with steps necessary to make the supplier accessible to a requisitioning user
- c) User is utilising the PECOS P2P Administration Manual for any guidance required
- d) User processing orders has requisitioning rights and access to the supplier

Steps

1. Log in as an administrator and navigate to P2P Admin-> Suppliers-> Profile
2. Add a new supplier or edit an existing supplier
3. Carry out any dependent set up to ensure the requisitioning user has access to process orders with the supplier
4. Login as a requisitioner with access to the supplier and process orders through to 'transmitted to supplier' status

Expected behaviour: During initial set up or editing, the options for fax Transmission Types have been removed from the Document Transmission Information screen of the Supplier Profile and the Supplier Profile saves successfully. Orders are transmitting according to the transmission method selected.

3.6.2 Resend or Change Purchase orders

Description:

Resend Purchase orders or change Purchase orders that were previously transmitted to suppliers, both prior to the upgrade and after the upgrade.

Prerequisites:

- a) User has Purchase Order resend rights for resend scenario and is familiar with this functionality
- b) User has Purchase Order Change rights for change order scenario and is familiar with this functionality
- c) There are purchase orders accessible to the user that are in a 'transmitted to supplier' status that were transmitted pre-upgrade via fax and mail and post upgrade via mail

Steps

1. Log in as a requisitioner
2. Search for documents in 'transmitted to supplier' status which were transmitted pre-upgrade and post upgrade via fax and Email
3. View PO from the Purchase Order Status Summary screen
4. Resend PO using defaulted Email and changing the defaulted Email for resend PO scenario
5. Change PO using defaulted Email and changing the defaulted Email for change PO scenario

Expected behaviour: The option for fax as a PO Retransmission Method has been removed from the Purchase Order Resend and Purchase Order Change screens. View PO Fax field is Null for all cases, including orders that had previously transmitted via fax. Orders are transmitting according to the transmission method and Email address selected.

3.6.3 Bulk Upload – Supplier and User

Description:

Bulk upload of supplier and user data per the updated guidance.

Prerequisites:

- a) User is familiar with and referencing the guides for creating a Supplier Bulk Load file and a User Bulk Load file, and the files contain data as per the guidance

b) User has Administration rights for Suppliers and Users

Steps

1. Supplier Bulk Load template with associated data is well formed and sent to Elcom Support for loading
2. Supplier Bulk Load template with associated data is uploaded by Elcom Support
3. User Bulk Load template with associated data is well formed and sent to Elcom Support for loading
4. User Bulk Load template with associated data is uploaded by Elcom Support
5. Login as an administrator and review the data associated with the bulk load files

Expected behaviour: The Supplier and User data is successfully loaded to PECOS P2P according to the template submitted.

4 Defect Repairs

The table below shows the defects repaired in release 17.0 by defect ID and area. Also provided are examples of scenarios that can be replicated to confirm the correction of the defect.

4.1 Pre-Requisites

To replicate and perform validation of the scenarios, you must have access to a PECOS P2P site deployed with version 17.0, a user id and password allowing access to the appropriate areas of the application and a detailed knowledge of PECOS P2P administration (some scenarios may require additional set up or configuration). If you do not, please see your PECOS system administrator.

4.2 Defect Listing

| SQA No. | Description | Area and Function | Customer(s) |
|--------------------------------------|---|---|----------------------------------|
| 9821 | The full PECOS P2P site loads during a PunchIn session to the 'Elcom Marketplace' intermittently when a buyer connects for a second time in the same session. | PunchIn from an external system | APUC |
| 16885 | When a delivery address is selected that is different to the user's default delivery address it does not display correctly on the delivery note. The user's default continues to display. | Delivery Note | LPP, West Dunbartonshire Council |
| 18583 | The Bulk Supplier Load fails to add suppliers that have a VAT Type and Treatment if the supplier profile resides at the L3 organisation level. | Bulk Supplier Load | LPP |
| P1N-340 (PIN-31) | Posting cXML orders to PECOS - If an item specified on the inbound XML is deactivated in PECOS, the response XML does not include the item number | Batch Requisition Import; error detection notifications | PPS |
| P1N-342 (PIN28) | This defect relates to a non-standard PECOS batch requisition import and a customization applied and should not impact the standard PECOS batch requisition import behaviour around rejection of batch import when there are items present in the batch that cannot be loaded to PECOS. | Batch Requisition Import | Kingston |
| P1N-343 (PIN26) | Items added using Item Maintenance are not setting a proper value in the deactivated flag column (setting to NULL vs. a valid database value), which can lead to issues with some of Elcom's custom batch requisition integrations | Item Maintenance; Batch Requisition Import | Kingston |
| P1N-345 | PECOS does not negate the possibility of duplicate order transmission, which could be invoked by user (technical operator) error, in the order transmission design | Order Transmission | NHS Scotland |
| P1N-346 (2882) | The calculation of what is allowed for returns on amount-based lines is not correct and therefore not allowing for returns of amounts that equal all receipt amounts when there is an over receipt and a previous receipt | Returns | Multiple |
| P1N-352 | Keyword 'ReqID' is listed as an available keyword for Requisition Approval plans, but is not working and leads to an error in the trace log. | Requisition Workflow | Internal |
| P1N-378 (PIN-54) P1N-379 (PIN-52) | Supplier profile page is not loading or updating properly when PECOS is accessed from IE. | Supplier Profile | Leidos |
| P1IIN-19 (PIN-43) | Remittance processing fails when same invoice number is on multiple orders (from different vendors) | Remittance Import | Stirling Council |

4.3 Test Scenarios

Below are test scenarios for the defects listed in the above table.

4.3.1 Defect 9821 and P1N-382

Defect Description: The full PECOS P2P site loads during a PunchIn session to the 'Elcom Marketplace' intermittently when a buyer connects for a second time in the same session. As well shopping cart return content is not always reflective of the final content submitted from the supplier site, when content is altered in several sessions during the punchout attempts.

Pre-requisites:

- a) The external system has been configured to PunchIn to PECOS as a Marketplace.

Scenario:

1. User selects Elcom Marketplace from their external system.
2. User lands on PECOS Marketplace page and builds a shopping basket from hosted content.
3. User invokes punchout to an external catalogue and punchback to a shopping basket in PECOS Marketplace.
4. User invokes punchout with the same external supplier, edits content and invokes punchback to a shopping basket in PECOS Marketplace.
5. User submits the shopping basket for return to their external system for final processing.

Expected behaviour: PunchIn to PECOS from an external system always results in the user landing on the PECOS Marketplace page which never transmits purchase order during the session (limited functionality and look and feel than full PECOS P2P) and only results in PunchBack or the shopping basket to the originating system. All content returned to the PECOS Marketplace requisition is reflective of the final content built on the external supplier cart.

Note: *These issues have been reported as intermittent so may be difficult to disprove the fix under normal testing cycles.*

4.3.2 Defect 16885

Defect Description: When a delivery address is selected that is different to the user's default delivery address it does not display correctly on the delivery note. The user's default continues to display.

Pre-requisites:

- a) User has requisitioning and receiving rights.

Scenario:

1. User creates a new order, and under 'Order Delivery and Invoicing' page, uses the 'Address Lookup' button and selects an address that is different from their default delivery address.
2. Once order has moved to 'transmitted to supplier' status view the Ship Address on the Purchase Order Summary page, on the purchase order view, and on the Delivery Note.

Expected behaviour: When a delivery address is selected that is different to the user's default delivery address it displays correctly on the delivery note rather than displaying the user's default. The Delivery Address in the delivery note is consistent with the delivery address on the purchase order.

4.3.3 Defect 18583

Defect Description: The Bulk Supplier Load fails to add suppliers that have a VAT Type and Treatment if the supplier profile resides at the L3 organisation level.

Pre-requisites:

- a) User is familiar with creating a Supplier Bulk Load file and contains data as noted in the fix description, as well as other scenarios to regression test.

Scenario:

1. Supplier Bulk Load template with associated data is well formed and sent to Elcom Support for loading.
2. Supplier Bulk Load template with associated data is uploaded by Elcom Support.

3. Login as an administrator and review the data associated with the bulk load files.

Expected behaviour: The Bulk Supplier Load adds suppliers that have a VAT Type and Treatment when the supplier profile is designated for entry under an L3 organisation level. The Supplier data is successfully loaded and added to PECOS P2P according to the template submitted.

4.3.4 Defect P1N-340 (PIN-31)

Defect Description: Posting cXML orders to PECOS - If a part specified on the inbound XML is deactivated in PECOS, the response XML does not include the part number.

Pre-requisites:

- a) The testing user has implemented batch requisitioning to PECOS using the standard import process, and the knowledge and tools available to post requisition batches to their test instance of PECOS.
- b) The PECOS site has been configured with a batch user and the inbound XML being tested has data that is properly aligned with dependant PECOS data for that user.

Scenario:

1. Create an XML requisition formed per the Elcom standard import and as per the pre-requisites, containing at least one deactivated or non-existing item in PECOS. It is recommended that it also contain at least one active item to regression test that the entire batch fails, as well the error reporting contains the deactivated item number causing the failure.
2. Batch the requisition using the standard PECOS import feature.

Expected behaviour: If an item contained in an XML requisition batch is deactivated in PECOS, or does not exist in PECOS, the response includes the item number associated with the failure of the batch load. The entire batch fails to load and the response XML contains the failure as well as the item number that is creating the failure.

4.3.5 Defect P1N-342 (PIN28)

Defect Description: This defect relates to a non-standard PECOS batch requisition import and a customization applied and should not impact the standard PECOS batch requisition import behaviour around rejection of batch import when there are items present in the batch that cannot be loaded to PECOS.

Note: As modification to the code around the standard functionality was involved in the fix, Elcom is recommending that this area of the code be tested to confirm no impacts for any customers who use the standard PECOS batch requisition import.

Pre-requisites:

- a) The testing user has implemented batch requisitioning to PECOS using the standard import process, and the knowledge and tools available to post requisition batches to their test instance of PECOS.
- b) The PECOS site has been configured with a batch user and the inbound XML being tested has data that is properly aligned with dependant PECOS data for that user.

Scenario to test standard PECOS functionality is unchanged:

1. Create an XML requisition formed per the Elcom standard import and as per the pre-requisites, containing at least one deactivated or non-existing item in PECOS and at least one other part that is active in PECOS.
2. Batch the requisition using the standard PECOS import feature.

Expected behaviour: The entire batch fails to load and the response XML contains the failure as well as the item number that is creating the failure.

4.3.6 Defect P1N-343 (PIN26)

Defect Description: Items added using Item Maintenance are not setting a proper value in the deactivated flag column (setting to NULL vs. a valid database value), which can lead to issues with some of Elcom's custom batch requisition integrations.

Pre-requisites:

- a) The testing user has administration rights and privileges set for Item Maintenance.

- b) The testing user has implemented batch requisitioning to PECOS, and the knowledge and tools available to post requisition batches to their test instance of PECOS.
- c) The PECOS site has been configured with a batch user and the inbound XML being tested has data that is properly aligned with dependant PECOS data for that user.

Scenario:

1. Add a new, active item to PECOS using the Item Maintenance function.
2. Create an XML requisition formed per the Elcom standard import containing the item newly added using Item Maintenance.
3. Batch the requisition using the standard PECOS import feature.

Expected behaviour: Items added using Item Maintenance are setting a proper value in the deactivated flag column (Elcom Support can verify this in the database) and there are no issues with batching requisitions to PECOS that contain these items.

4.3.7 Defect P1N-345

Defect Description: PECOS does not negate the possibility of duplicate order transmission, which could be invoked by user (technical operator) error, in the order transmission design.

Note: The scenario that resulted in allowing duplicate transmission was a factor of erroneous configuration in the infrastructure. This was replicated and proven in the Elcom QA environment and would only be replicate in customer test environments under controlled MUAT as coordinated with Elcom, if at all. The emphasis and guidance for end user testing is to regress existing expected behaviour.

Pre-requisites:

- a) The testing user has necessary rights in PECOS to carry out activities from creation to transmission of orders to suppliers, each set up with the various transmission options available from PECOS.

Scenario:

1. Create and transmit email and cXML (if applicable to the organisation's use cases) orders.

Expected behaviour: PECOS contains a locking mechanism for the order queue so successive monitors will respect the work already being done in a distributed system and prevent duplicate transmission errors. Orders are transmitted only once to the suppliers.

4.3.8 Defect P1N-345 P1N-346 (2882)

Defect Description: The calculation of what is allowed for returns on amount-based lines is not correct and therefore not allowing for returns of amounts that equal all receipt amounts when there is an over receipt and a previous receipt.

Pre-requisites:

- a) The testing user has receiving and return rights.
- b) Unreceived, transmitted orders containing amount-based lines either exist on the testing data or are created for the tests.

Scenario 1:

1. Search to locate or enter a new order document that meets the pre-requisite criteria.
2. Create an over receipt against the amount-based line.
3. Attempt to return the full amount received on the amount-based line.

Scenario 2:

1. Search to locate or enter a new order document that meets the pre-requisite criteria.
2. Create a receipt against the amount-based line equal to that line.
3. Create a return for the amount-based line equal to the received amount.
4. Create a receipt against the amount-based line equal to that line.
5. Attempt to return the full amount received on the amount-based line.

Scenario 3:

1. Search to locate or enter a new order document that meets the pre-requisite criteria.
2. Create a receipt against the amount-based line equal to that line.
3. Create a return for the amount-based line equal to the received amount.
4. Create an over receipt against the amount-based line.

5. Attempt to return the full amount received on the amount-based line.

Repeat above for quantity-based lines.

Expected behaviour: Allow returns up to the full amount received (including over receipts). This fix has also included renaming the column heading label on the return screen for amount-based lines from “Qty to Return” to “Qty / Amt to Return”.

4.3.9 Defect P1N-352

Defect Description: Keyword ‘%ReqID%’ is listed as an available keyword for Requisition Approval plans, but is not working and leads to an error in the trace log.

Pre-requisites:

- a) The testing user has necessary administration rights in PECOS to edit or set up approval plans and assignments and procurement rights to process requisitions.

Scenario:

- 1. Locate or create the requisition approval plan associated with the testing user.
- 2. Configure the subject or body of the email notification for one of the steps in the plan to include the use of the %ReqID% keyword.
- 3. Create a requisition that will follow the plan.

Expected behaviour: The content of the email received contains the internal requisition ID value (rather than '@ReqID'), as per the configured use of this keyword.