



Precision Software Web UI Version 4.3

Release Notes
PRECISION Web UI
Version 4.3

March 31, 2011

Document Control

Conformance Standard

This Statement has three levels of conformance represented by the words:

Must / shall / will:

Denotes mandatory requirements.

Should:

Denotes requirements, which are preferred but may be waived by Precision, with good reason.

May:

Denotes requirements, which are considered useful, but are not mandatory and may be waived with discretion.

Change Control

This document is the responsibility of the Precision Project Manager. Prior to the approved release, requests for change are sent to the Author via the Microsoft Document review process. They are reviewed and either accepted or rejected by the author. It is subject to formal change control after the initial approved release (i.e.: version 1.0), and agreed changes are recorded in the Change Summary Section of the document.

Issue Control

Issue	Date	Author	Changes Made
1.0	31/March/2011	PMU	New document

Cross Reference

N/A

Abbreviations Used

PRECISION / PSL: Precision Software, a division of QAD Inc.

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Web UI

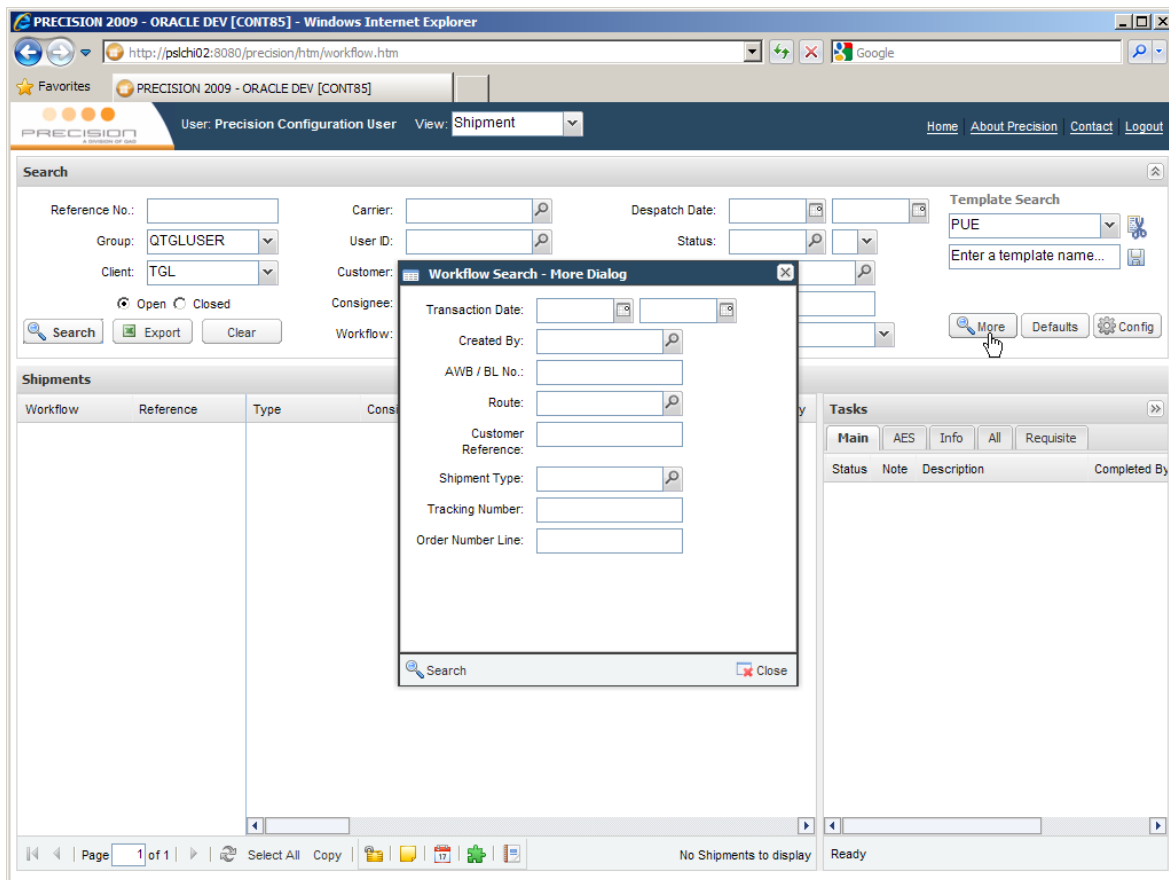
Web UI version is now 4.3.0.

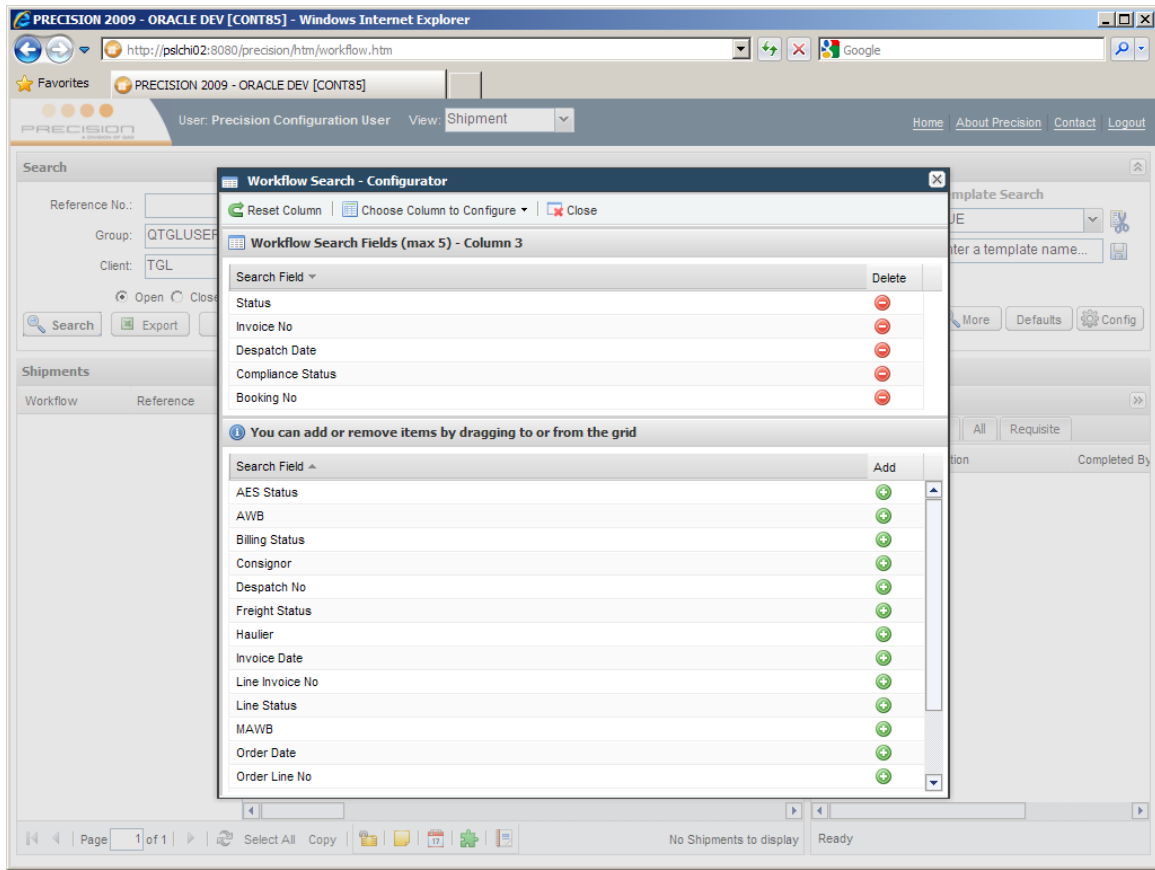
Workflow

- 1) The search capabilities within the Workflow portal page have been enhanced. It is now possible to configure what search fields are displayed to the user. It is also possible to add additional less used search fields to a “More” popup.

The status field can be qualified with an operator. This allows one to search for shipments where the status is greater than, less than or equal to a specified status.

The number of search fields that can be used to find shipments has been extended. Now included are the tracking number, the user who created the shipment, and the compliance status.

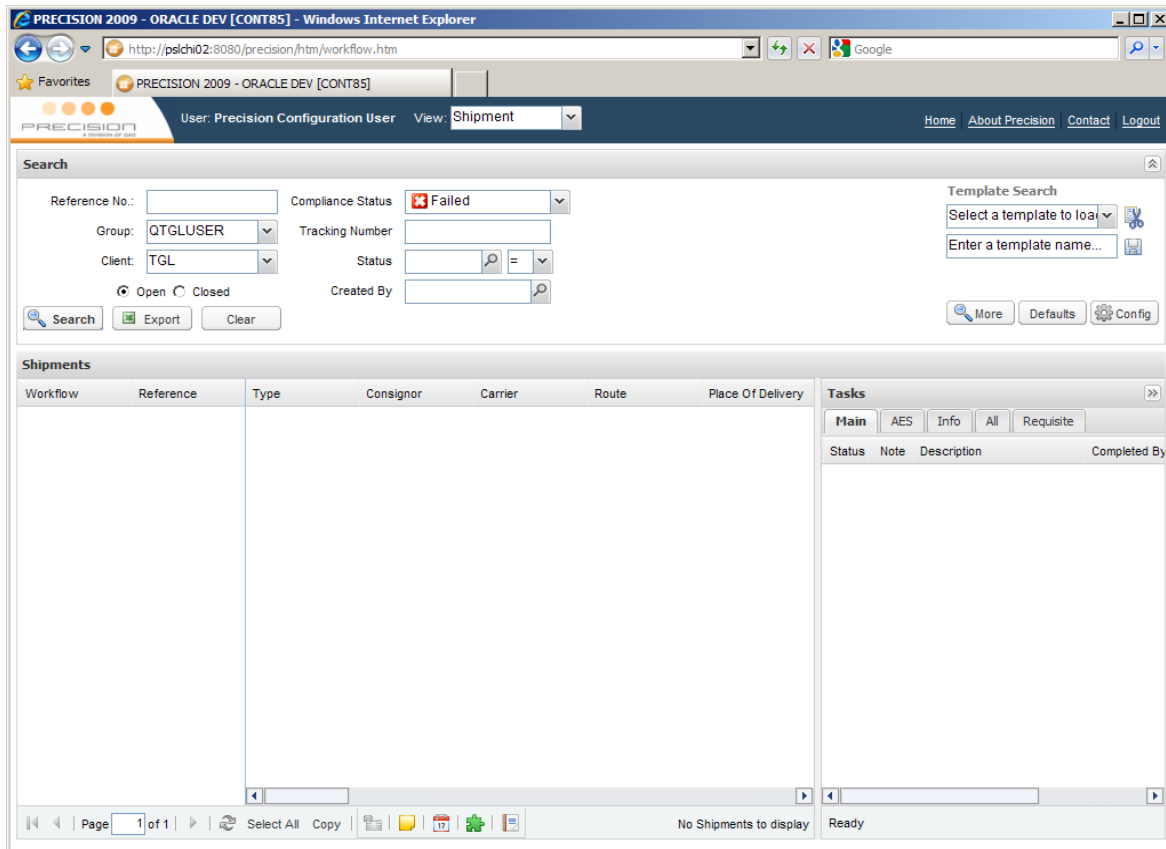




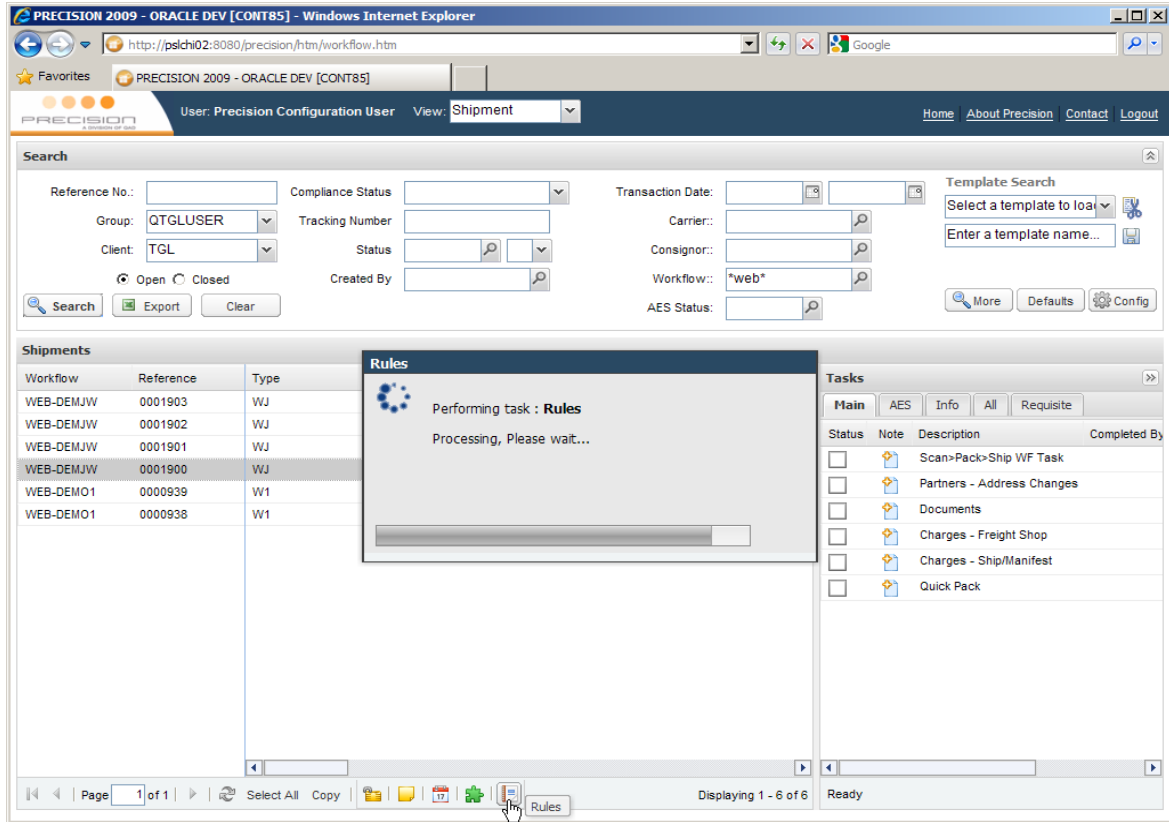
The date search fields have been changed and consist of a single input for day, month and year. The date picker used has been updated.

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The “configurator” allows one to remove fields the user is not interested in. In the screen shot below only a small number of search fields display on the workflow page.



- 2) When a workflow task is completed, if it is configured to change the status or owner group of a shipment, this will now be performed by the Web UI workflow engine.
- 3) The key information in the workflow task popup can now be configured. For example, if a user would prefer the consignor or dispatch number to be hidden then, this can be achieved using the system value: "WORKLOAD" "TASK KEYS VISIBLE". Valid values are one or more of the following codes - "CLIENT , CONO , SHIP , DESP".
- 4) The workflow user defined button area has been enhanced to allow the following:
 - a) The create shipment button is now part of the user defined button configuration. It will not be shown unless configured in the "WORKLOAD" "TOOLBAR - S" system value.
 - b) The format of the "WORKLOAD" "TOOLBAR - S" system value has changed to allow one to specify a user rather than a URL when defining a button.
 - c) The format of the "WORKLOAD" "TOOLBAR - S" system value has changed to allow one to add a transaction level button. When a button is flagged as being at a transaction level, the key values of the selected shipment in the workflow grid are available to the action being called by the button. It is now possible to add an "Apply Rules" button to the workflow page, which when pressed, will apply rules to the selected shipment.



AES

- 1) A new AES workflow task has been developed that allows a user to maintain shipment details specific to information required by AES. Shipment header, item, commodity and vessel information can be maintained. Basic license information can be entered; however, this functionality still lacks much of the capabilities available in the Windows UI and will be enhanced as part of Web UI 4.4.

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The screenshot shows the 'AES - Screen' in a web browser. The top section contains various input fields for transaction details:

- Nature of Transaction: OS
- Currency: USD
- Mode of Transport: 40
- Country: CN
- Vessel: [empty]
- Port of Unloading: SHENZHEN
- Port of Exportation: ST. PETE01
- Related Parties:
- Est Date of Export: 25/03/2011
- Est Date of Arrival: [empty]
- Booking Number: [empty]
- Routed: Non Routed
- AES Send Option: 2 - Pre Departure Filing
- Submission Allowed: Yes-CheckPartner
- ITN Number: X20110323000036
- Aes Status: 99 - ACCEPTED

Below this is a table with the following data:

Line	Product	Description	Qty	Price	Total	Currency
3		XC2V1000-4FGG456C	120 EA	70	8400	USD

The bottom section shows a detailed view of the selected item (Line 3):

- Product: [empty]
- Description: XC2V1000-4FGG456C
- Classification Group: SCHB
- Commodity Code: 8542310000
- No. of Inners: 0
- No. of Outters: 0
- Price: 70 USD
- Ship Qty: 120 EA
- Gross Weight: 0 LB
- Net Weight: 0
- Volume: 0 M3
- Dimension: 0 0 0
- Country Of Origin: TW
- Hazmat Class: [empty]

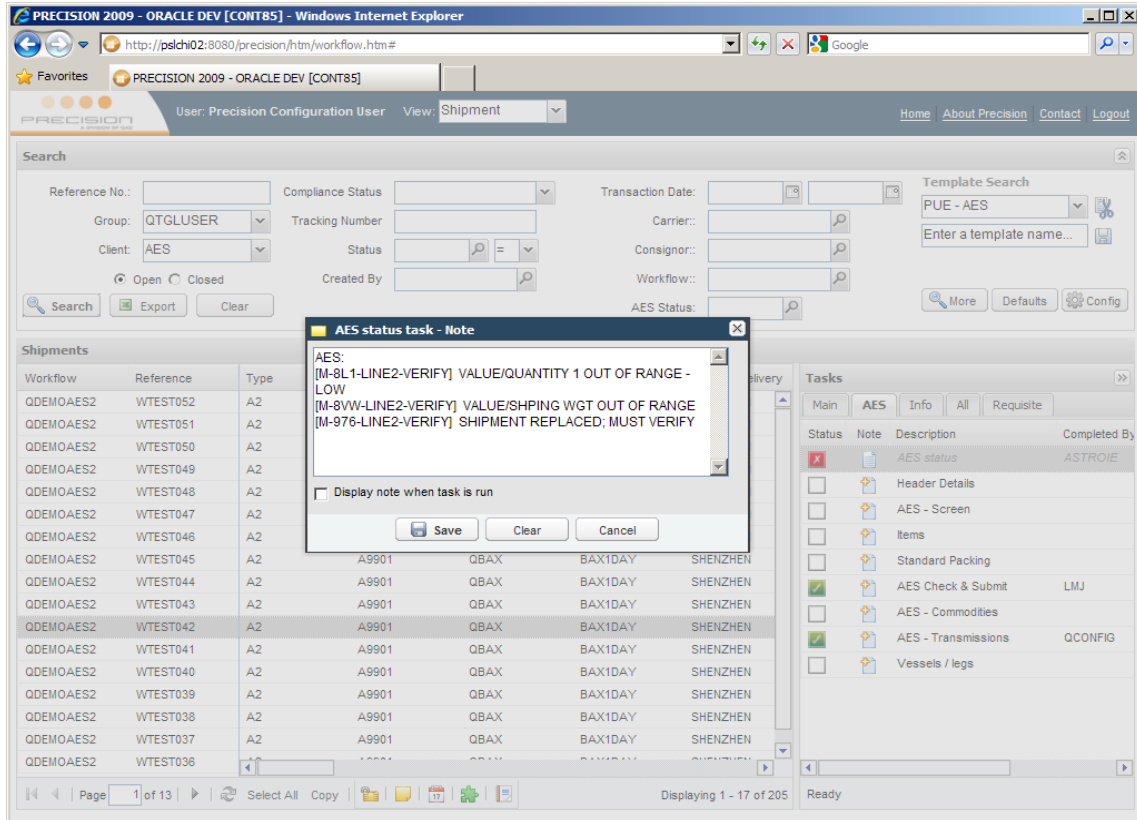
At the bottom, there are buttons for 'Validate And Transmit', 'Reset AES Transmission', 'Modify AES Transmission', 'Refresh Commodities', 'Downtime Citation', 'Save Item', 'Licence...', and 'Close'.

- 2) The AES screen allows one to correct any AES errors on a shipment and re-transmit to AES. This can be done from the new AES task or by running a dedicated workflow task for this purpose.

An AES transmission task allows users to view what has been transmitted to AES and received back.

- 3) A workflow AES status task can be shown in the Workflow. This task is read only and shows whether the shipment has been transmitted to AES successfully, or if there have been any errors. Any errors are shown in the note associated with the AES status task.

The Workflow search area can have an AES status search field added through the use of the “configurator”.



Address Change Task

- 1) The address change task has been modified to look like the screen shot below. The address change task now allows the user to add additional roles to the list of roles that can be maintained. Roles can also be removed if not needed. A reset button allows the user to return the roles shown to the default setup.
- 2) A lookup prompt button has been added to the name field allowing the user to pull the address details from an existing partner.
- 3) Certain lookup fields now have a description “i” button which allows the user to see the description for a code in an information “tooltip.”

Partners - Address Changes STGL 0001903

Search Roles Add | Reset 300101

Partner Roles	
Financial	<input type="checkbox"/>
Ship To	<input type="checkbox"/>
Customer	<input checked="" type="checkbox"/>
Shipper	<input type="checkbox"/>

Name: Lauryn GmbH & Co. KG

Contact: James Young

Address Line 1: Brombeerweg 5

Address Line 2: Independence Building

Address Line 3: Boulder

Address Line 4:

City: BURLINGT01

State: NY

Postal Code: 10048

Country: US

Phone Number: +1-312-3348600

Fax Number:

Email:

Rate Shop Task

The rate shop task has been modified to look like the screen shot below. The task now allows column sorting. Errors are now displayed under a separate “Invalid Rates” tab.

The screenshot shows a window titled "Charges - Freight Shop" with a status bar indicating "Shipment is already rated. The current selected route is UPSUS003". The window contains two tabs: "Rates" (selected) and "Invalid Rates". The "Rates" tab displays a table with the following columns: Carrier, Description, Service, Buying Charge, Currency, Transit Time, ETA, and Mode. The table lists various shipping services from USPS and FedEx, with the "UPS Ground® - Domestic" service (UPSUS003) highlighted in yellow.

Carrier	Description	Service	Buying Charge	Currency	Transit Time	ETA	Mode
USPS	USPS Priority Mail® - Domestic	USPSPRIORITY	4.80	USD	3	07-Apr-2011 [11:59PM]	
USPS	USPS Parcel Post® - Domestic	USPSPRCPST	4.90	USD	11	15-Apr-2011 [11:59PM]	
USPS	USPS First-Class Mail® - Domestic	USPS1STCLS	2.58	USD	3	07-Apr-2011 [11:59PM]	
UPS	UPS 2nd Day Air A.M.® - Domestic	UPSUS059	13.58	USD	2	06-Apr-2011 [10:30AM]	AIR
UPS	UPS Next Day Air Saver® - Dome...	UPSUS013	30.19	USD	1	05-Apr-2011 [03:00PM]	AIR
UPS	UPS 3 Day SelectSM - Domestic	UPSUS012	7.74	USD	3	07-Apr-2011 [11:59PM]	AIR
UPS	UPS Ground® - Domestic	UPSUS003	5.15	USD	8	12-Apr-2011 [11:59PM]	ROAD
UPS	UPS 2nd Day Air® - Domestic	UPSUS002	11.69	USD	2	06-Apr-2011 [11:59PM]	AIR
UPS	UPS Next Day Air® - Domestic	UPSUS001	33.21	USD	1	05-Apr-2011 [10:30AM]	AIR
FedEx	FedEx Ground® / FedEx Internatio...	FDXGND	5.27	USD	2	06-Apr-2011 [11:59PM]	ROAD
FedEx	FedEx Standard Overnight® - Do...	FDXDS	33.65	USD	1	05-Apr-2011 [03:00PM]	AIR
FedEx	FedEx Priority Overnight® - Dome...	FDXDP	25.26	USD	1	05-Apr-2011 [10:30AM]	AIR
FedEx	FedEx First Overnight® - Domesti...	FDXDF	64.82	USD	1	05-Apr-2011 [10:00AM]	AIR
FedEx	FedEx Express Saver® - Domesti...	FDXDE	10.64	USD	3	07-Apr-2011 [04:30PM]	AIR
FedEx	FedEx 2Day® - Domestic - Package	FDXD2	13.17	USD	2	06-Apr-2011 [04:30PM]	AIR

The window also includes "Ok", "Save", and "Close" buttons at the bottom.

PEM

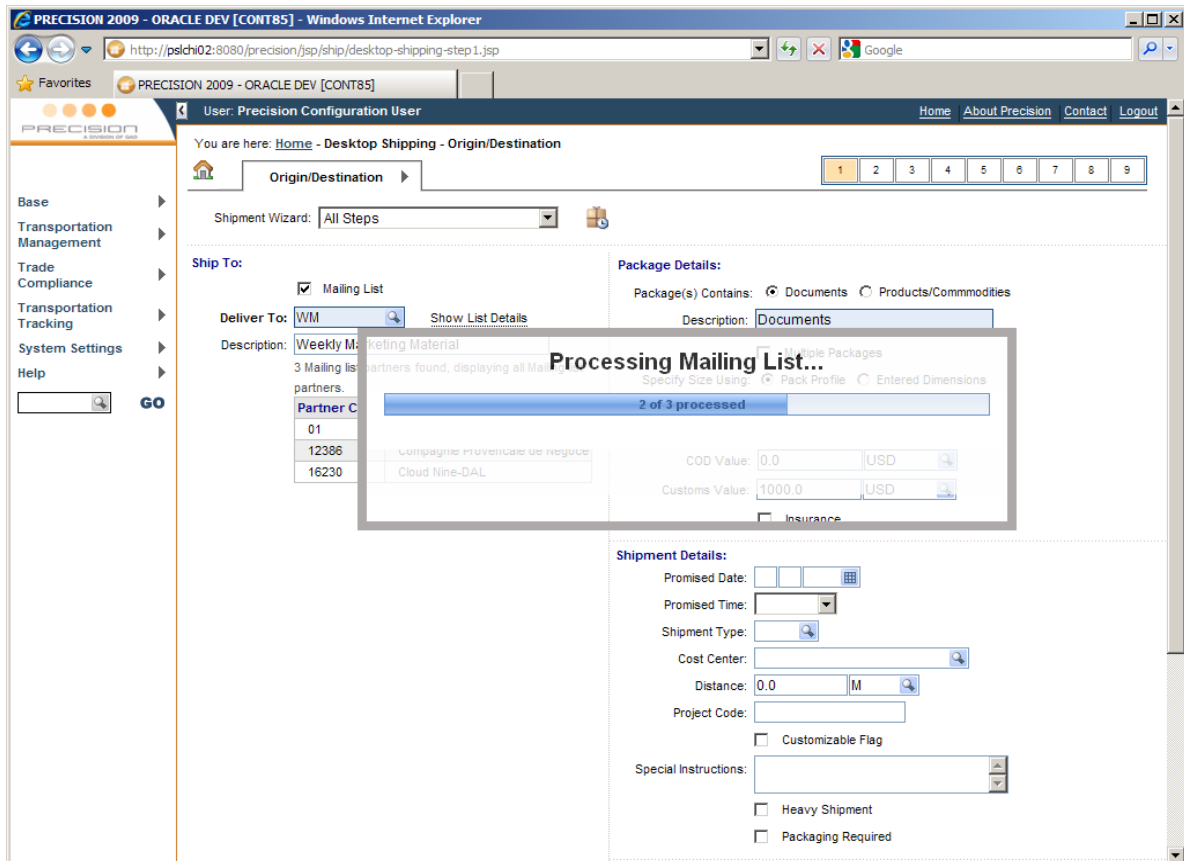
- 1) Integration with TNT is now available.
- 2) Better error handling has been added during the creation of “light” shipments.

Permissions

- 1) Buttons on certain pages are now tied with a role so that permissions can be used to control who can perform the action behind the buttons. Previously, permissions were limited to page level access. The buttons on the generic maintenance pages and the document workflow task are now “permission aware.”
- 2) A hierarchy now applies to the permission records. Records configured at the user level take precedence over those at a user group level. This allows one to configure general permissions and then fine tune the setup with specific user/option permission records.

Desktop Shipping

- 1) The cost center and mailing list selection on step one of the desktop shipping wizard have been enhanced to use a rich grid.
- 2) When processing mailing lists, desktop shipping will now show progress status to inform the user how long the process might take and the current status.



Usability

- 1) The selection list for partners has been enhanced to use a rich grid and allow filtering on the partner columns. The ability to hide certain columns for particular roles is also now possible.

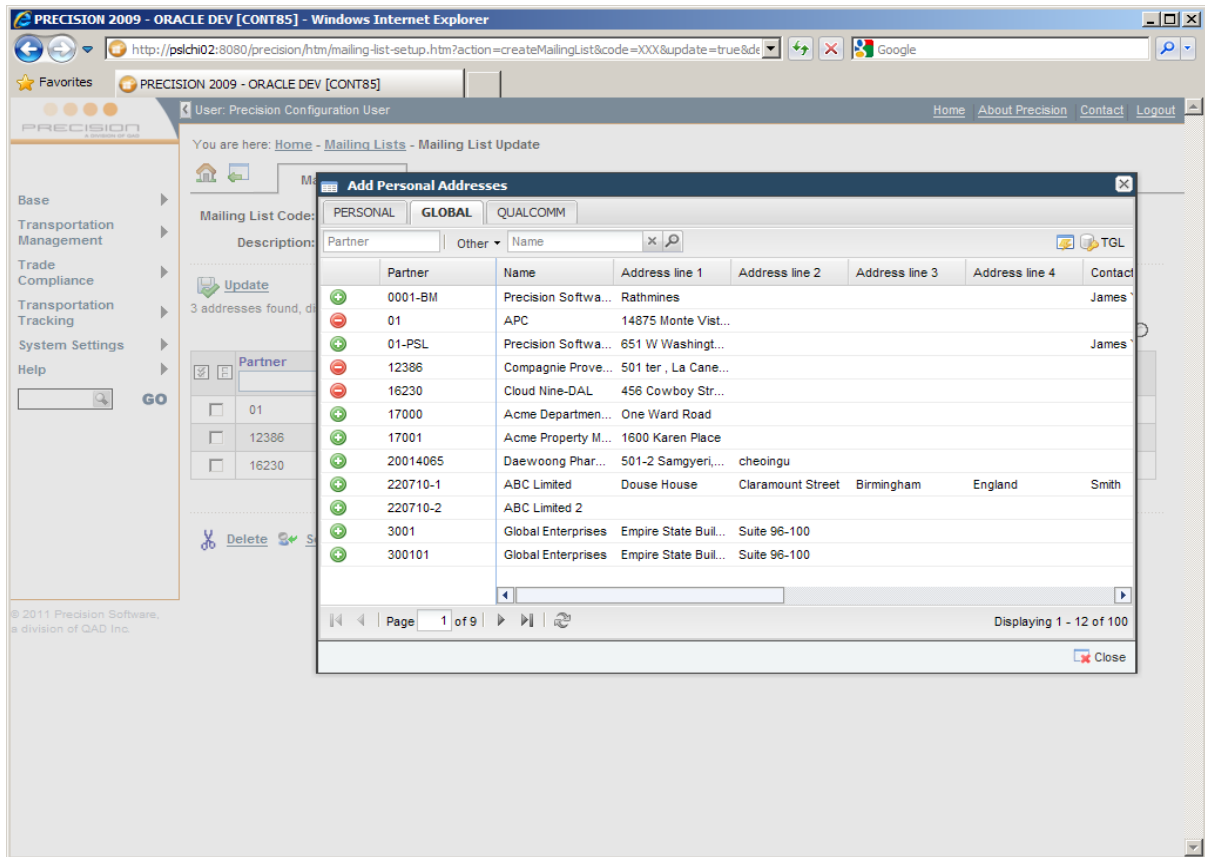
The screenshot shows a 'Partner' selection window with a rich grid. The window has tabs for 'PERSONAL' and 'GLOBAL'. Below the tabs is a search bar with 'Partner' and 'Other' dropdowns, and a search field containing 'Name'. The grid has the following columns: Partner, Name, Address line 1, Address line 2, Address line 3, Address line 4, and Contact name. The data rows are as follows:

Partner	Name	Address line 1	Address line 2	Address line 3	Address line 4	Contact name
0001-BM	Precision Softwa...	Rathmines				James Young
01	APC	14875 Monte Vist...				
01-PSL	Precision Softwa...	651 W Washingt...				James Young
12386	Compagnie Prove...	501 ter , La Cane...				
16230	Cloud Nine-DAL	456 Cowboy Str...				
17000	Acme Departmen...	One Ward Road				
17001	Acme Property M...	1600 Karen Place				
220710-1	ABC Limited	Douse House	Claramount Street	Birmingham	England	Smith
220710-2	ABC Limited 2					
3001	Global Enterprises	Empire State Buil...	Suite 96-100			
300101	Global Enterprises	Empire State Buil...	Suite 96-100			
3002	Atlantic Corporati...	96 Rue Anatole F...				

The footer of the window shows 'Page 1 of 9' and 'Displaying 1 - 12 of 100'. There is a 'Close' button in the bottom right corner.

- 2) The Manifest workflow task has been changed to allow the user to enter the carrier service/route without the need to prompt on the lookup button. The code can be specified by typing directly into the service/route field.
- 3) The partner selection list used for maintaining mailing list parties has been enhanced to use a rich grid. The grid permits additions to and removals from the mailing list without the need to close and open the selection list due to previous paging constraints.

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Technical

- 1) Now using JBoss 4.2.3.
- 2) Using JRE 6 rather than JDK 6.
- 3) Ext JS version has been upgraded to 3.3.1.
- 4) JBoss Web Console is now secured with a user name and password. This is the same as the JMX Console.

Fixes since 4.2.0.

- [PSWEB-28] - Framework: Caching of attributes for browser columns. Editable column is no-longer editable after applying setup from system values. Affects grids used on "Scan, Pack, Ship" page.
- [PSWEB-31] - Workflow - Packing Task: Fix issue where duplicate line in the unpacked grid can occur when a line is removed from a pack.
- [PSWEB-34] - SOA Test Page: Fixed issue with submitting sample XML file that contains quotes.
- [PSWEB-38] - PEM: Fixed error received when trying to email PEM Tracer Request.
- [PSWEB-44] - Compliance: Job ID in data scrub screen was not being incremented correctly resulting in duplicate background job records. Fixed.
- [PSWEB-59] - Core: Selection list which has a query restriction is now shown in a "tooltip" rather than directly on the selection list. Information not of high importance to the user.
- [PSWEB-61] - Scan, Pack, Ship: Fixed an issue when an order number is chosen resulting in the pack lines being shown from the order. However, the address information is not updated.
- [PSWEB-68] - Compliance: Corrected issue with retaining values on the compliance Search screen.
- [PSWEB-70] - Scan, Pack, Ship: Fixed validation issue. When validating the packing type if one specifies an incorrect pack type, the screen loses focus and a message about loading pack types appears.
- [PSWEB-73] - Core: Improve response message returned when a shipment workflow task is run and there is an issue. Affects Scan, Pack, Ship functionality.
- [PSWEB-74] - Scan, Pack, Ship: When loading multiple orders and a consolidation shipment, fix issue that results when refresh button is hit. Error messages are now shown when loading the orders.
- [PSWEB-75] - EOD Manifest: Prevent user from typing into the drop down boxes.
- [PSWEB-80] - Core: Can now prompt on declaration and commission group tables. Previously errors resulted.
- [PSWEB-84] - Workflow - Create Shipment: Fixed issue where consignee selection list popup doesn't close when a partner record is selected.
- [PSWEB-87] - PEM: New system values introduced to make sure the "Process Shipment" SOA request is not duplicated for the same tracking number.
- [PSWEB-88] - Routing Guide: Fixed issue where drop down for "Origin Type" does not allow enough space for <blank> option.
- [PSWEB-90] - Workflow: Description of task tab shown now pulled as defined in the system values. Allows one to have a tab using all caps (e.g., "AES". Previously this would show as "Aes").
- [PSWEB-92] - PEM: Fixed issue with the way a carrier list for a packing location is built.
- [PSWEB-95] - Core: Fix issue where the second page of a selection list can contain some of the first page records and not be completely filled.
- [PSWEB-96] - Core: Fixed issue with the "Route/Service" selection list. Found the decryption column could not be resized.
- [PSWEB-100] - Framework: Fixed issue with grids when context is something other than "/precision".
- [PSWEB-105] - Workflow: The shipment status is now displayed correctly in the workflow grid. Previously this was always blank.
- [PSWEB-108] - Framework: Fixed issue with not being able to apply rules to a shipment if the client transaction type was something other than "S".
- [PSWEB-111] - PEM: Tracer search modified so results show correct Last Alert, Tracer Type, and Tracer Status.
- [PSWEB-116] - PEM: Status Update Task shows duplicate key information. Fixed.
- [PSWEB-117] - Workflow: Workflow/PEM tasks all showed locale information. Removed so it only shows on the document task.
- [PSWEB-121] - Scan, Pack, Ship: Issues with grid column resizing fixed.
- [PSWEB-127] - Workflow: Grid settings are not being read/held after being saved by a user. Fixed.

- [PSWEB-128] - Workflow - Packing Task: Fix issue with incorrect shipment totals (when calculating totals from unpacked items) being shown.
- [PSWEB-129] - Workflow - Packing Task: Fix issue with not displaying packed item weights/volume when partially packing an item.
- [PSWEB-130] - Workflow: Page information for results grid does not show correct information when page is resized.
- [PSWEB-132] - Workflow - Packing Task: Pack “dimension1” is not stored when creating a new pack.
- [PSWEB-137] - Desktop Shipping: Various changes based on customizations made for customers.
- [PSWEB-138] - Scan, Pack, Ship: Fix issue with releasing lock on shipments.
- [PSWEB-139] - Scan, Pack, Ship: Fix issue with “Pack By Lot” functionality.
- [PSWEB-149] - Scan, Pack, Ship: Misc. bug fixes.
- [PSWEB-151] - Workflow Packing Task: "Create Task" dialog was missing dimension fields. Added.
- [PSWEB-152] - Maintenance (US): Fix issue with inability to copy a user record.
- [PSWEB-153] - Compliance: Date format on compliance history search screen now picked up from user profile.
- [PSWEB-158] - Workflow Packing Task: Fix issue with negative shipment totals showing.
- [PSWEB-159] - Install: Startup tasks defined in scheduler-service.xml were not running due to security issue. Auto login now permitted from any IP by default.
- [PSWEB-161] - Desktop Shipping: City printing twice on FedEx label after address validation is run. Found to be bug with address tidy up logic. Fixed.
- [PSWEB-162] - Workflow - Rate Shop Task: Fixed issue where task is marked as complete when closed even though no service selected.
- [PSWEB-163] - Desktop Shipping/Basic Packing: Ability to specify baud, parity and stop bits when connecting to weighing scales on a serial port. Inability to set this information was causing invalid weight data being returned.
- [PSWEB-164] - Workflow - Packing Task: Page was found not to show packs, items, etc. if login client different than shipment client. Fixed.
- [PSWEB-165] - Workflow - Packing Task: Was found not to populate the pack line XMSYPK0.SYCQTY and SYFLG4 fields. Fixed.
- [PSWEB-166] - Compliance: Denied Party Check was crashing on name subset check (abbreviations) when all partner words are set to be ignored. Fixed.
- [PSWEB-174] - Desktop Shipping: Fixed java exception errors which can occur when trying to recall a shipment.
- [PSWEB-176] - Scan, Pack, Ship: Extended data was found not to be refreshed on a shipment. Fixed.
- [PSWEB-179] - Framework: Corrected issue with “getCommodityValue()” in “com.precisionsoftware.persist.service.spring.ShipmentServiceImpl.”
- [PSWEB-181] - JBoss: Cluster nodes do not always see each other when TCP used. Install changed so defaults prevent this problem.
- [PSWEB-187] - Core: Deactivated caching of pack types. Affects Scan, Pack, Ship functionality.
- [PSWEB-188] - Framework: Added attribute to “clientSessionInfo” object.
- [PSWEB-191] - Framework: Allow index hints to be more easily specified. Fixes some PEM engine performance issues.
- [PSWEB-196] - PEM: A change to DHL status code mapping has been made.
- [PSWEB-199] - Inquiry: A fix to the searching of load orders was made.
- [PSWEB-200] - Core: Fix issue where checkboxes on maintenance pages are always checked.
- [PSWEB-202] - PEM: Tidy up PEM portal as a result of upgrading version of ExtJS.

- [PSWEB-206] - Compliance: Search results screen does not show any results when “SourceReference1” is blank. Fixed.
- [PSWEB-207] - PEM: FDX integration fails to process files containing messages without Group2 elements. Fixed.
- [PSWEB-209] - Compliance: DPL batch scrub (CSV) has been modified so it does not create / update partners in NR master.
- [PSWEB-212] - Workflow - Manifest Task: Dispatch date is set to today’s date if shipment is not rated and date is older than today. Similar functionality to that available in Windows UI.
- [PSWEB-219] - Framework: Can now delete duplicate records rather than rolling back with exception.
- [PSWEB-222] - PEM: Shipment Detail Task found not to work when run against a V7 database. Fixed.
- [PSWEB-223] - Framework: When an AJAX call fails detail URL being requested.
- [PSWEB-226] - Core: Fix null pointer error with “com.precisionsoftware.persist.service.Service.getDao”.
- [PSWEB-228] - Workflow - Packing Task: Corrected [Object Error] alert box.
- [PSWEB-229] - Workflow - Packing Task: Found to hang when one deletes an item off a pack. Fixed.
- [PSWEB-230] - Workflow - Packing Task: Fix resulting exception when complete button selected.
- [PSWEB-232] - Maintenance (NR): Searching for a partner code with a trailing wildcard fails to find the partner. Fixed.
- [PSWEB-237] - Desktop Shipping: Fixed issue with logic that tidies up an address after it has undergone address validation. Country was being removed from parts of the address even if the country was only a subset of the word. Fixed.

Highway

Highway version is now 3.1.13.

Highway 3.1 SP13

- Database
 - PSHWY-2: Length of endpoint id fields has been increased from 20 to 40 characters.
 - PEM TNT Highway data now available in XML format for import.
- Endpoint Maintenance
 - PSHWY-8: Fixed issued with not being able to delete all endpoints using "Delete All" link.
- FTP
 - PSHWY-9: Small enhancement to error 4008 -FTP reader. Added the file name which was being processed.

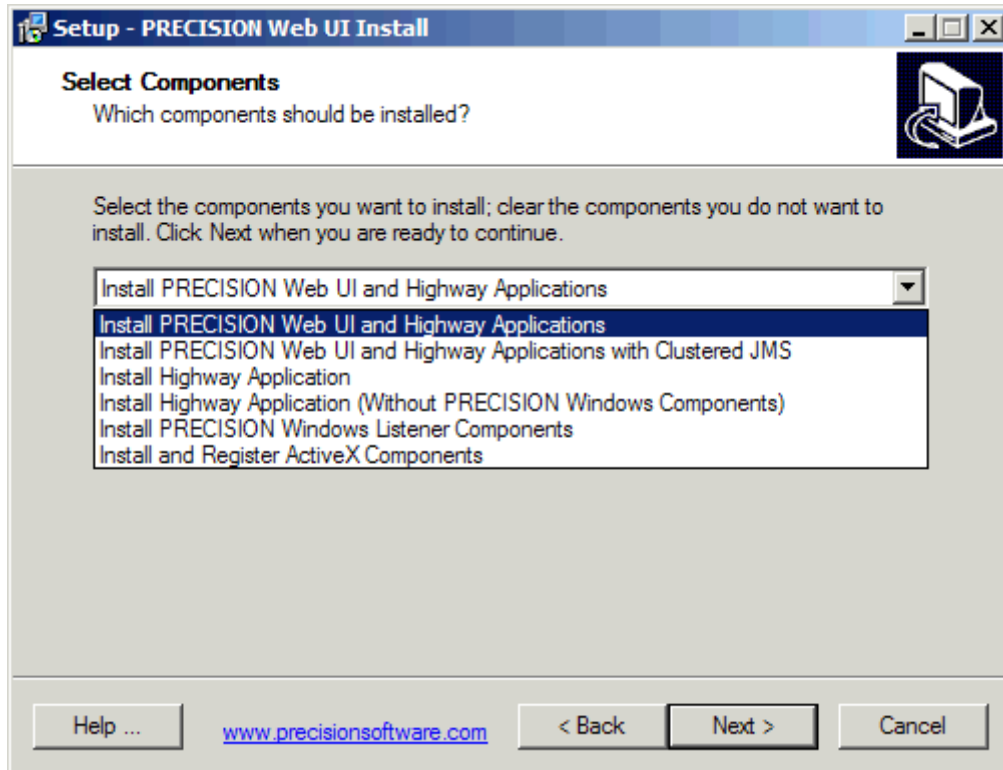
Highway 3.1 SP12

- Listener Components
 - PSHWY-3: The listener components “HighwayConnector.dll” and “HighwayListener.ocx” have been changed to better handle the following error:
(Error occurred while accessing component property/method)
SendLargeTextMessageReplyExWithProperties.
org.jboss.mq.SpyJMSException: Cannot send a message to the JMS server; -
nested throwable: (java.io.IOException: Client is not connected)
Note: The 3.1 version of the Windows UI listener (xthwlisn.w) should be used.
- MQ
 - PSHWY-4: Suppress excessive reason 2068 output to server.log when browsing a remote MQ.

Installer

Changes

- 1) Clustered and Non-Clustered versions are now available using the same installer. There is no separate .exe install file for the clustered version. The setup now allows you to pick if the clustered JMS components should be installed or not.



- 2) The install now includes XML data of options and system values that have changed or been introduced as part of 4.3 compared with Web UI 4.2. This data can be found in the `\WebUI\data\precision-xml` directory.
- 3) Highway data for PEM is now available as XML content and can be loaded using the Highway Data Upload feature. The data is located in the `\WebUI\data\highway-db` directory.