

PRECISION/QAD TMS Release Notes

September 2012

These release notes include information about the latest PRECISION/QAD TMS fixes and changes. These changes may affect the way you implement and use PRECISION/QAD TMS.

Review this document before proceeding with any changes to your installation.

Use the following list to find a specific release:

Release Notes for Current Release 2

Release Notes for Current Release

PRECISION/QAD TMS Version: 2012 R00

Release Date: September 2012

The following tables detail the make-up of the PRECISION/QAD TMS 2012 R00 release:

Table 1
PRECISION Components

Component	Sub-components	Version
PRECISION	Base Global Trade Management (GTM) Trade Compliance (TRC)	2012 R00
Transportation Management System (TMS)		S35
Package Exception Management (PEM)		1.0
Web UI		4.6
Tools	Highway ePage PRECISIONView	3.3.0 2.4.4 5.7.0
eCustoms (Electronic Integration)	Germany - Atlas US - AES	R07 R06
Integration	Oracle E-Business Integration JD Edwards Integration Oracle Transportation Management (OTM) Connector	O08 J15 1.0

Table 2
QAD TMS Components

Component	Sub-components	Version
QAD TMS	Base Global Trade Management (GTM) Trade Compliance (TRC)	2012 R00
QAD Freight Management		S35
Package Exception Management (PEM)		1.0
Web UI		4.6
Tools	Highway ePage PRECISIONView	3.3.0 2.4.4 5.7.0
eCustoms (Electronic Integration)	Germany - Atlas US - AES	R07 R06

Oracle Transportation Management (OTM) Connector

OTM does not support calculating rates for Parcel Carriers—for example, UPS and TNT—but instead provides a mechanism to call third-party rating engines. Precision has provided a connector that is deployed in OTM to allow PRECISION to act as a third-party rating engine. See OTM Connector on Page 10 for more information.

German Customs - Atlas

There has been a major overhaul of the Atlas system with new messages, new data elements, and additional validation. The new version, AES 2.1, is already operational. It is being operated in parallel with the old version. Exporters can use either version to make declarations until January 2013, when the old version will be retired. Precision has been certified for AES 2.1.

Business Intelligence

A Business Intelligence solution is being released in conjunction with this version of PRECISION/QAD TMS. This solution provides access to the wealth of shipping and tracking information contained in the PRECISION/QAD TMS database. The Business Intelligence solution:

- Extracts the data from PRECISION.
- Harmonizes the data in a way that is easy for business users to understand and interpret.
- Provides a collaborative dashboard with a graphical representation of KPIs with drill-down capabilities.

Web UI Functionality

New User Experience Features

PRECISION Web UI 4.6 extends the capabilities of the Web UI in several areas. See the *User Guide* and the *Admin Guide* for detailed information on the new features.

Consolidate and Ship Module

A new Consolidate and Ship option allows for the building and shipping of consolidation transactions. The consolidation process involves the selection of items (by shipping quantity or inner quantity or outer quantity), lots (by shipping quantity or inner quantity or outer quantity), and serial numbers from one or more transactions to build a consolidation. You can build the consolidation using drag-and-drop, barcode scanners, the keyboard, and mouse input. The shipping process can be dynamically configured through PRECISION workflow tasks and is linked to the underlying PRECISION workflow module. Items can be added and removed from an existing consolidation as required. This functionality is available under the new option SNPKCS.

Short Shipping

New Short Ship functionality allows you to partially ship a transaction. The user can remove one or more items, lots, or specific serial numbers from a transaction before shipping the transaction. The items removed from the transaction are then available for selection and can be:

- Added to a new transaction for shipping or back ordering.
- Consolidated onto an existing transaction.

Route, Reference and Container Task

A Route, Reference and Container task with the option WFTRRC has been added. The task is an accumulation of the following Windows UI features:

- Route, booking, and container
- References and other details
- Route details

The new task is displayed in the following screen shots.

Fig. 1

Route, Reference and Container: References and Partners Tab

The screenshot shows the 'References and Partners' tab of the 'Route, Reference and Container' window. The window title is 'Route, Reference and Container' and it includes a user ID 'STGL 0104029'. The tab is divided into four sections: 'References and Partners', 'Dates and Locations', 'User Defined and Other', and 'Vessels and Containers'. The 'References and Partners' section contains the following fields:

Carrier:	<input type="text"/>	MAWB:	<input type="text"/>
Hauler:	<input type="text"/>	HAWB:	<input type="text"/>
Shipment Type:	EX <input type="text"/>	Intl. Carrier:	<input type="text"/>
LC Number:	<input type="text"/>	Notify:	<input type="text"/>
Invoice Number:	<input type="text"/>	Bill of Lading No:	<input type="text"/>
Order Number:	<input type="text"/>	BL Original:	<input type="text"/>
Buyers Reference:	<input type="text"/>	Bank Draft Number:	<input type="text"/>
Import Permit Number:	<input type="text"/>	Other Reference:	<input type="text"/>
In Bond Code:	<input type="text"/>	Customs Reference:	<input type="text"/>
Additional Reference:	<input type="text"/>	Entry Number:	<input type="text"/>
Export Traders Ref#:	<input type="text"/>	Booking Number:	<input type="text"/>
Cert of Origin Number:	<input type="text"/>	Forwarders Ref:	<input type="text"/>
CAP Number:	<input type="text"/>	Cert of Insurance No:	<input type="text"/>
Consignor Excise Number:	<input type="text"/>	EUR1 Number:	<input type="text"/>
FOB Value:	0 <input type="text"/>	Consignee Excise No:	<input type="text"/>
Terms:	<input type="text"/>	Bill of Exchange:	<input type="checkbox"/>
Terms Text:	<input type="text"/>		

At the bottom of the window, there are 'Update' and 'Close' buttons.

Fig. 2

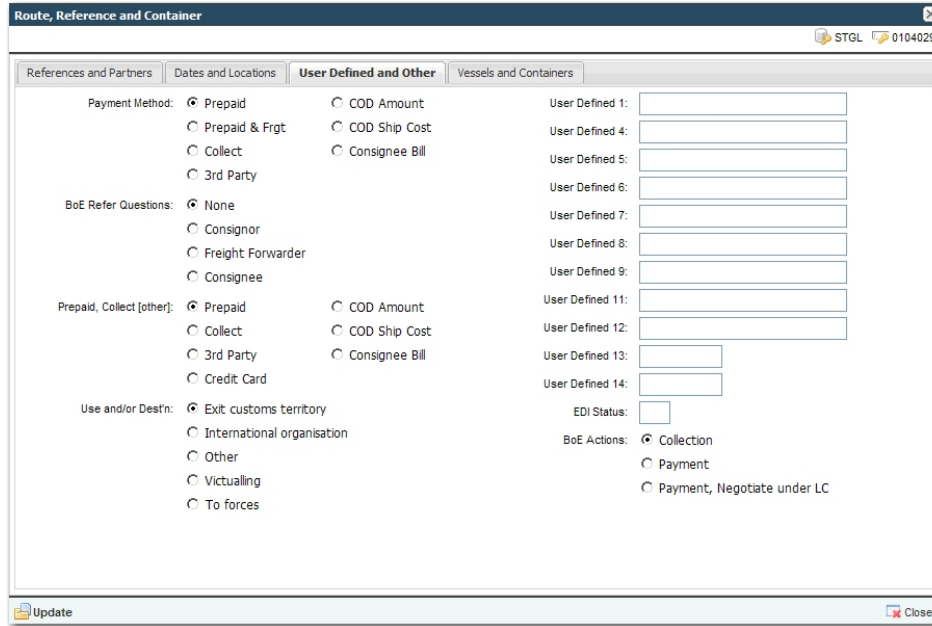
Route, Reference and Container: Dates and Locations Tab

The screenshot shows the 'Dates and Locations' tab of the 'Route, Reference and Container' window. The window title is 'Route, Reference and Container' and it includes a user ID 'STGL 0104029'. The tab is divided into four sections: 'References and Partners', 'Dates and Locations', 'User Defined and Other', and 'Vessels and Containers'. The 'Dates and Locations' section contains the following fields:

Loading Date:	<input type="text"/> hh.mm	Route:	<input type="text"/>
End Loading Date:	<input type="text"/> hh.mm	Transport Mode:	<input type="text"/>
ETA Date:	<input type="text"/> hh.mm	Country of Origin:	<input type="text"/>
Actual Arrival Date:	<input type="text"/> hh.mm	City of Origin:	<input type="text"/>
Despatch:	<input type="text"/> hh.mm	State of Origin:	<input type="text"/>
Req Delivery 1:	<input type="text"/> hh.mm	Place of Loading:	<input type="text"/>
Req Delivery 2:	<input type="text"/> hh.mm	Country of Despatch:	<input type="text"/>
Extra Dates:	<input type="text"/> <input type="text"/>	Place of Delivery:	<input type="text"/>
BL Date:	<input type="text"/>	Country of Destination:	<input type="text"/>
Invoice Date:	<input type="text"/>	Final Destination:	<input type="text"/>
Order Date:	<input type="text"/>	Shipment Subtype:	<input type="text"/>
Bill of Exchange Date:	<input type="text"/>		
Bank Date:	<input type="text"/>		
Journey Time/Uom:	<input type="text"/> <input type="text"/>		
Early Delivery:	<input type="checkbox"/>		

At the bottom of the window, there are 'Update' and 'Close' buttons.

Fig. 3
Route, Reference and Container: User Defined and Other Tab

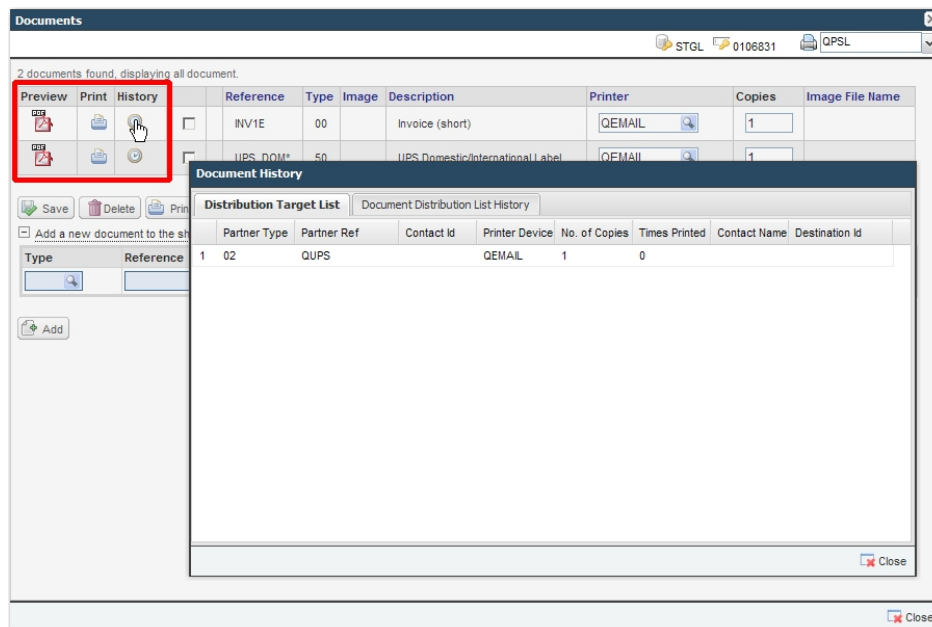


Document Printing

The document task has been modified to allow easier previewing and e-mailing of documents. A PDF preview button and e-mail button are now always shown regardless of locale. A print button has been added to the left of each document, which allows the user to print to document distribution lists.

In addition, the document task now can now display the user document distribution list and document printing history information.

Fig. 4
Documents Task



The following issues have also been fixed:

- Desktop shipping producing additional documents such as an invoice or packing list on the confirmation step when template property *allowed_documents* is set.
- Issues with the document print task BBSPT.

New Configuration Features

Translation Overhaul

An advanced translation framework is available for key screens in the Web UI. The workflow portal, workflow tasks, PEM, PEM tasks, scan pack ship, and the EOD page now use this framework. If any of these pages are run by a user who is a translation administrator, the translation framework displays a translate literals button.

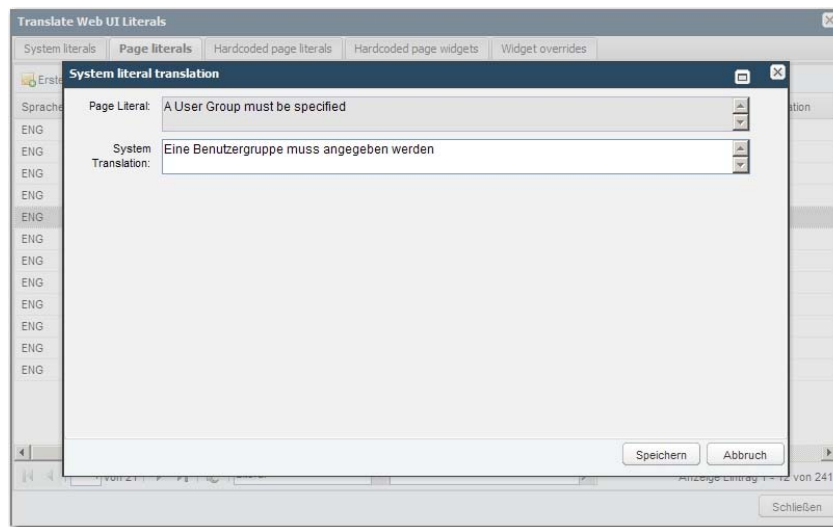
Fig. 5

Translation Literals Button



Fig. 6

Translation Literals Screen



The basic translation framework has been revised so that translation can be stored in the database. These pages now use the same content as the advanced translation framework. However, the literals are stored as system literals. They can be changed by using the translate literals pop-up available from a page supporting the advanced translation framework.

A comprehensive lists of literals used by the Web UI has been generated and translated into German, French, Spanish (Latin America), Portuguese, Italian, and Simplified Chinese.

Fig. 7

Web UI: Language Pack Login Screen

The screenshot shows a login form for the PRECISION system, which is a division of QAD. The form is titled 'PRECISION A DIVISION OF QAD' at the top. Below the title, there are four orange circles of varying sizes. The form fields are as follows:

- 用户: QCONFIG
- 密码: [Empty]
- 客户: TGL: Global Shipping
- 现场: QPSL
- 包装地点: A9901
- 语言: 中文 (简体)
- 数据库: 1. PRECISION

There is a checkbox labeled '该用户使用默认值' and a '登陆' button at the bottom.

Note A follow-up content pack containing the translated literals will be made available for the Web UI 4.6 in October 2012.

Customization Framework

A new Web UI customization framework has been introduced. This aims to provide an improved approach to applying customer specific customizations. With this release, five levels of customization are now available:

- A customization project that contains modified code, built on top of core code. This will remove the need for invasive customizations.
- An advanced dynamic configurator is provided for core screens: Scan, Pack and Ship, Workflow, and certain workflow tasks.
- An advanced method of injecting new JS and JSP files into certain core screens.
- Skins.
- Language Translations.

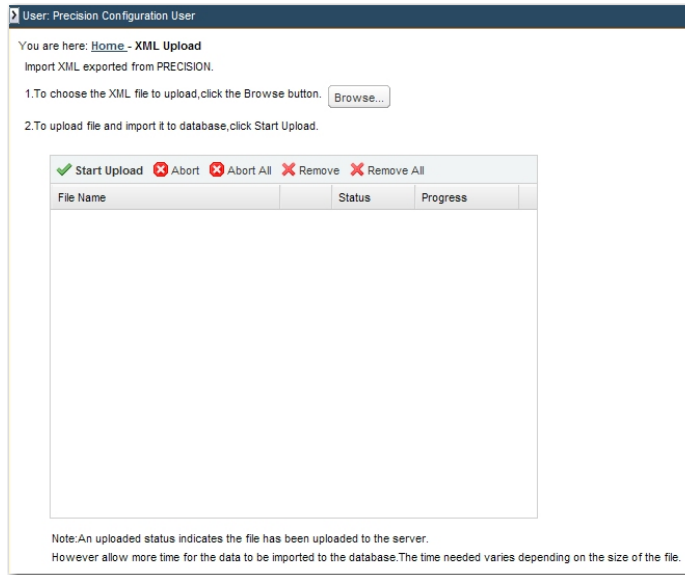
The primary customization approach is the *Customer - Web UI project*, which allows you to maintain any customization for a customer in a separate project. The project will only contain the source files that relate to changes that are applied for the customer. Advantages of this approach include:

- Enables you to maintain a PRECISION Web UI customization project that contains only customer specific enhancements.
- Allows for an easier upgrade process from Web UI 4.6 to a later release.
- Provides greater control over what new functionality is added for the customer after the customer has started testing or is already live.

XML Upload

There is a new page that allows users to upload standard PRECISION XML files. This functionality is available under the updated option *XML* and allows you to upload data exported from the Windows UI.

Fig. 8
XML Upload Page



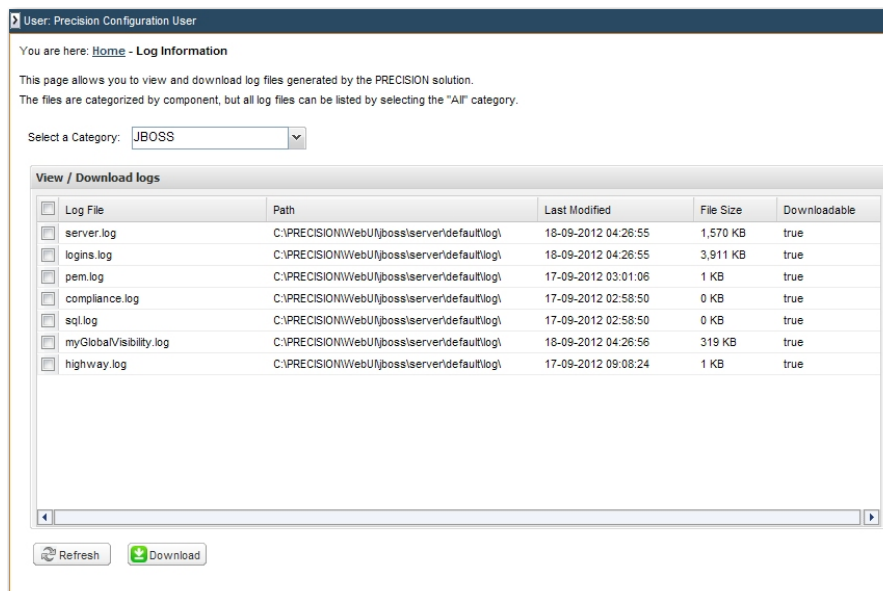
Access to JBoss Log Files from PRECISION Web UI

A new Log Information page that lists application log files is available. This page provides an administrator with easy access to the log files produced by the PRECISION solution. The page can run in two modes:

- It tries to determine the location of log files based on the configuration.
- A system value details the log folders and files to display.

This functionality is available under the new option *LI*.

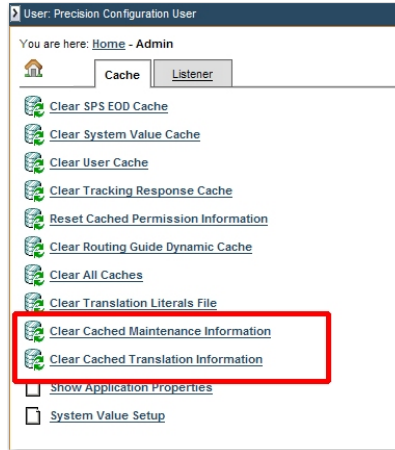
Fig. 9
Log Information Page



Cache

Basic translations are cached to reduce database I/Os. This cache can now be cleared from the admin page. Case tool data used to build screens from the program builder records can also be cleared from the admin page.

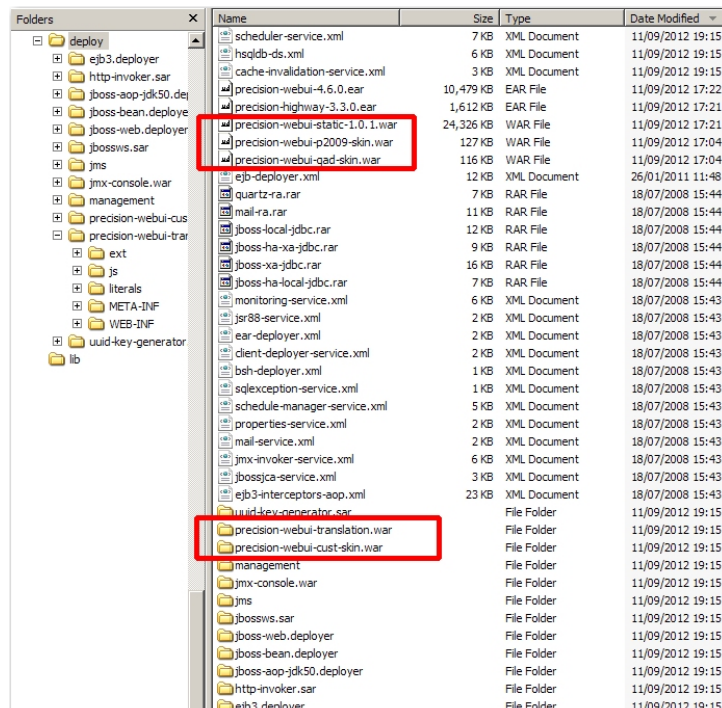
Fig. 10
Clear Cache Update



New Deployment Features

Skins are now distributed as war files. A sample *cust* skin is provided as an exploded war file in the deploy directory. This can be used as a starting point to creating a customer specific skin. The static content of the Web UI ear file has been broken out into a new *precision-webui-static* war file. This reduces the size of the Web UI ear file. Translation content is deployed as a separate war file. There is a new *precision-webui-translation.war* in the JBoss deploy folder.

Fig. 11
New WAR Files



Performance

All Oracle index hints have been removed from the SQL queries generated by Web UI.

Highway Release Notes

Highway version is now 3.3.0.

Integration

Extra Web Services

An extended number of Web services are supported by Highway. The solution now offers the EOD and compliance Web services. The full list of services available is:

- CreateShipment
- RateShopShipment
- ShipShipment
- ProcessShipment
- ProcessEOD
- ReprintShipment
- VoidShipment
- QueryShipment
- ProcessComplianceRequest
- ShowComplianceResult
- QueryPEM

SAP-specific issues with the PRECISION WSDL file have been corrected. The new WSDL file can be found in or requested from Highway using the URL <http://localhost:8080/highway/ws/precision?wsdl>.

OTM Connector

A new connector is provided that plugs into Oracle Transportation Management. This allows rate offerings to call out to PRECISION for small parcel freight and accessorial costs.

Rates are returned to OTM when a Rate Inquiry is performed or when orders are released and shipments created.

Resolved Defects

The issue where only first two endpoint properties were stamped on a message has been fixed. Now, all five endpoint properties are added to the message.

The UTF-8 issue, which can occur when XML response contains Simplified Chinese characters, has also been fixed.

Installer

The following changes have been made to the installation:

- How To documents are now installed in PDF format.

- JBoss is now configured to clear down temporary compiled JSP files created in the work directory. The following is set by default in the `\deploy\jboss-web.deployer\META-INF\jboss-service.xml` file:

```
<attribute name="DeleteWorkDirOnContextDestroy">true</attribute>
```

PRECISION TMS/QAD Freight Management Release Notes

Tier 1

FedEx

This release is certified with FedEx Ship Manager Server (FSMS) v11.0.

USPS

The existing MAC certification has been replaced with integration to the PC postage vendor Endicia (www.endicia.com) for domestic and international shipping. There will be no further updates to the Precision MAC certification. It will no longer be valid when USPS next change rates or specification. Typically, there is an update by USPS in January of each year.

The replacement Endicia integration supports all services previously supported under the MAC certification and removes the USPS MAC minimum shipping volume threshold that had to be met.

Tier 3

The following table details the carriers added for this release.

Table 3
New Carriers

Carrier Name	Coverage	Services
Nippon Express	Japanese domestic and international airfreight	
Sagawa Express	Japanese domestic shipping	<ul style="list-style-type: none"> • Economy • Express • Cash on Delivery
Sebu Transport	Japanese domestic shipping	<ul style="list-style-type: none"> • Economy LTL • Express LTL using domestic airlines • FTL/Charter Service
Yamato Global Express	Japanese domestic shipping	<ul style="list-style-type: none"> • Express
Yamato Transport	Japanese domestic shipping	<ul style="list-style-type: none"> • Economy • Express • Under Refrigeration

Related Documentation

The following documents have been created for this release:

- *User Guide: Base Web UI* (item 70-3263-4.6)
- *Administration Guide: Base Web UI* (item 70-3264-4.6)
- *User Guide: Package Exception Management* (item 70-3262-4.6)

The documents are available in the QAD Document Library:

<http://www.qad.com/documentlibrary>

