



# Release Notes

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PRECISION 2009 R00

Jan 2010

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# Document Control

## Issue Control

Issue	Date	Changes Made
1.0	Feb 2010	New document

## Cross Reference

## Change Summary

Nr.	Description	Date(ymd)	By whom
1.0	New Document – First Release	10.02.12	PMU

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# Introduction

The PRECISION 2009 R00 release is the latest release of the product that was previously known as TRAXi3. The product has been re-branded PRECISION and below is a quick reference between old and new branding.

## Product Name

Old Product	PRECISION Brand – 2009 Release
TRAX	PRECISION
TRAXi3	PRECISION
i3Base	PRECISION Base
i3Ship	PRECISION Transportation Management System (TMS)
i3Trade	PRECISION Global Trade Management (GTM)
i3Comply	PRECISION Trade Compliance (TC)
i3Discover	QAD Supply Visualization and Transportation Tracking (Available OnDemand Only)
i3Approve	Included in PRECISION TMS
i3GlobalOffice / Desktop Shipping	Included in PRECISION TMS (Optional "Limited User" License available)
i3Forward	-

## Deployment Options

Old Terminology	PRECISION Brand – 2009 Release
cTRAX	PRECISION Windows UI
iTRAX	PRECISION Web UI
bTRAX	PRECISION SOA (Service Oriented Architecture)

There have been a number of changes with this release and this document provides information on new features, deprecated features and issues addressed since the last release, TRAXi3 v7.02. The release is made up of multiple components;

- PRECISION Base R00

- PRECISION TMS Service Pack #S29
- PRECISION Web UI v4.02
- PRECISION Highway v3.1.5
- Customs Integration
  - o Germany – PRECISION Atlas R03
  - o Ireland – PRECISION AEP R01
  - o US – PRECISION AES
- Integrations
  - o Oracle E-Business O06
  - o JD Edwards J14

There are separate Release Notes published for PRECISION TMS and PRECISION Web UI Releases.

This is the release schedule for the supported database platforms;

<b>Oracle</b>	January 2010	Support for Oracle 10g & 11g
<b>MS/SQL Server</b>	March 2010	Support for MS/SQL Server 2008
<b>Progress OpenEdge</b>	April 2010	Support for Progress OpenEdge 10.2
<b>DB2/400</b>	TBA	TBA

# Enhancements

## Unicode

This release of the product is the first to provide full Unicode support. This allows the application support almost any written language and supports a single centralized installation for global implementations. For more information on Unicode the following website [www.unicode.org](http://www.unicode.org) is a good resource.

Prior to this release it was possible to have a Unicode database (Oracle & Progress OpenEdge platforms) but the application client, without customization, was restricted to Western European characters. These restrictions have now been removed and the client is now Unicode compliant, this includes

- Screens – Literals and messages
- Data Entry
- Documents / Labels – Literals and data
- Electronic Interchanges

The following should be noted;

- The PRECISION application supports Unicode but external systems that it communicates with may not e.g. A name and address could be stored in Japanese in PRECISION but a carrier may only accept English characters
- By default any data that is output from PRECISION is encoded as UTF-8
- The Denied Party data sourced and distributed by Precision is English based and the Denied Party engine used to screen names and addresses uses the Soundex algorithm. This is a phonetic algorithm for indexing names by sound, as pronounced in the English language. It is not possible to screen names and addresses in other languages e.g. Arabic , Chinese, Japanese
- If using Oracle as your Database platform and the PRECISION Schema is in a shared instance the code page is set an instance level and this would need to be a Unicode code page (refer to installation documentation for further information on this) e.g. the same instance as Oracle E-Business

## **Database Changes**

The Precision policy is not to remove tables or fields or change the data types of fields with later releases and this policy has been maintained with this release. The changes to the database include adding fields to existing tables, increasing the length of fields on existing tables and adding new tables with the majority of new tables and fields related to future functionality. The following provides information on some of the changes made to the existing tables;

### **User Code**

The user code has been extended in length from 10 characters to 20 characters. There is at least one user field on each table in PRECISION and all tables were updated based on this change.

### **Partner Code**

The PRECISION application has the concept of a partner where a partner could be any entity related to a transaction e.g. customer, carrier, bank, ship to etc. This field has been extended in length from 10 characters to 20 characters. The partner code would exist on many tables across the application and these were all updated based on this change.

### **Transaction Header References**

The following reference fields on the transaction header have been extended to 30 characters; Customs Reference (xmshdr0.shcref), Forwarders Reference (xmshdr0.shfref), Other Reference (xmshdr0.shoref), In-Transit Number (xmshdr0.shitno), Booking Number (xmshdr0.shbkno)

### **Transaction/Partner additional fields for customer use**

The character fields provided on the Transaction Header(xmshdr0) and Partner Master(xmnref0) for customer use (user fields) have been increased in length to 40.

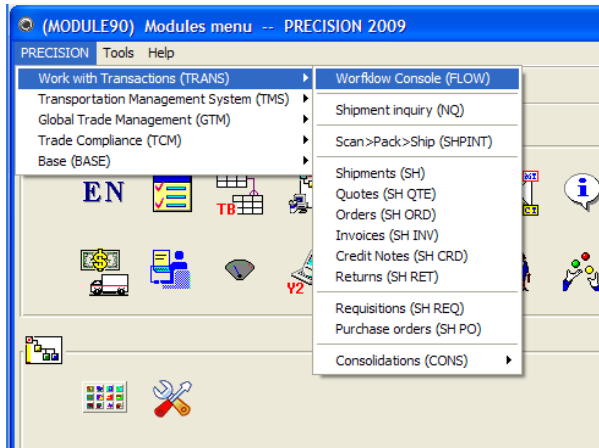
There have been five new fields added for customer use to the transaction extension table (xms2dr0); s2usr10, s2usr11, s2usr12, s2usr13, s2usr14 each 40 characters long.

There have been five new fields added for customer use to the transaction line table (xmsitm0); sius15, sius16, sius17, sius18, sius19 each 40 characters long.

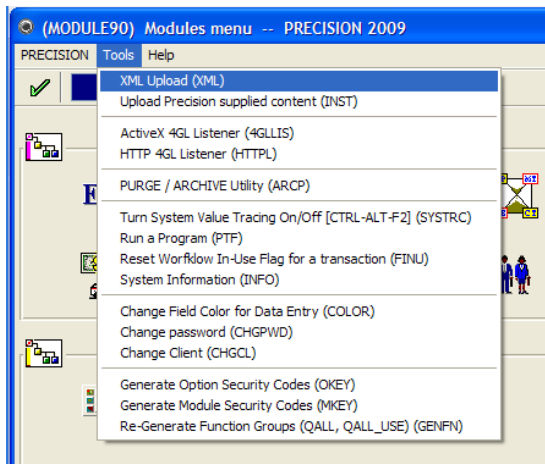
The screens, documents and reports have been adjusted to cater for the changes in field lengths.

## Menu Structure

The menu structure has been revamped in line with the PRECISION branding.



There has been a new Tools menu added.



The menu structure is configurable and can be changed to meet your needs.

There have been no changes to 'Fastpaths' with the reorganization of the menu structure.

## Archiving

[200902642,200903023]

There were three separate methods previously provided for archiving/purging transactions;

- Archive/Purge (ARCP)
- Archive (ARCH01)
- Purge (PRG01)

This has been rationalized and ARCH01 and PRG01 have been retired and there is a single Archive / Purge feature, ARCP, that has been enhanced;

- Archive Compliance audit records related with transactions
- Archive Document Imaging information records associated with transactions
- Enhanced logging/debugging information provided
- Date is specified for purge rather than number of days
  - o Compared against Despatch Date for open shipments and Closed Date for closed shipments
- Performance improvements

## EU Export Customs Declarations

The PRECISION application supports electronic filing of export customs declarations in the following European Union (EU) countries; Germany, Ireland, Netherlands and the United Kingdom. There were changes in the regulations which came into force in July 2009;

- Report Indirect Shipments – These are shipments that originate in one member state and leave the community from another member state
- Provide additional information for Safety and Security

These changes have been incorporated into this release.

## Fixes and Minor Enhancements

**PRECISION DLL and OCX Location** – These files were previously installed in the Windows System folder but are now included in the PRECISION Application folder structure. This allows for different versions of the files to exist on the one machine and facilitates running multiple PRECISION environments on the one machine.

The Microsoft specific components are distributed as MSI Packages and are installed using the Microsoft Installer. This supports multiple versions of the same DLL/OCX existing on one machine for use by different applications.

**[200902840] Workflow Create Task** - A Workflow task can be flagged as 'Is create new task' which means that the task gets marked as completed and stamped with user, date and time when a transaction is created that uses the Workflow. This was not always updated correctly.

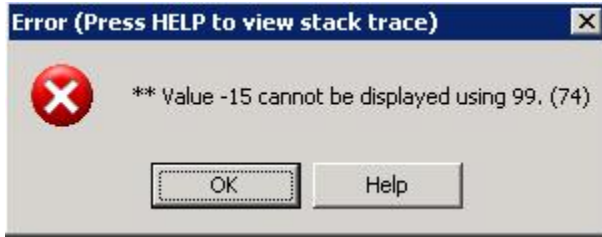
**[200902883] Create a User by copying existing user** - If new users were created by copying an existing user the groups associated with the new user were incorrect. It created two entries for each group from the original user.

**[200902894] List Panel Debug Mode** - There is a system value which can be switched on so that the query used by a List Panel/Selection List is displayed. This can be switched on for one Option, a list of Options or all Options. The format of the system value was changed to cater for an Option code of 'NO'.

<b>System Value Category</b>	SYSTEM
<b>System Value Key</b>	LIST PANEL:DEBUG QUERY
<b>System Value</b>	YES/NO:[OPT1,OPT2,OPT3...] If THE first parameter is NO debugging is switched Off. If the first parameter is YES, then a list of options may be used to specify the options with the debug switched On.

**[200903118] Update Partner Roles in Display Mode** - When viewing the Roles associated with a Partner in Display Mode on the Partner Maintenance screen it was possible to update the roles. This is no longer possible.

**[200903017] Emailing Documents** - The following error was appearing intermittently when emailing documents using the SMTP method.



**[200903026] Rule Setup: Banking – Foreign bill details** – The fields on the screen were inconsistent with the fields from the related screen for a transaction.

**[200903054] Delete Order from Shipment Interface** - When using the filter to view the records from the shipment interface table and deleting an order the item lines for all the other orders disappeared from view. The user had to exit the screen and come back into the screen to display them again.

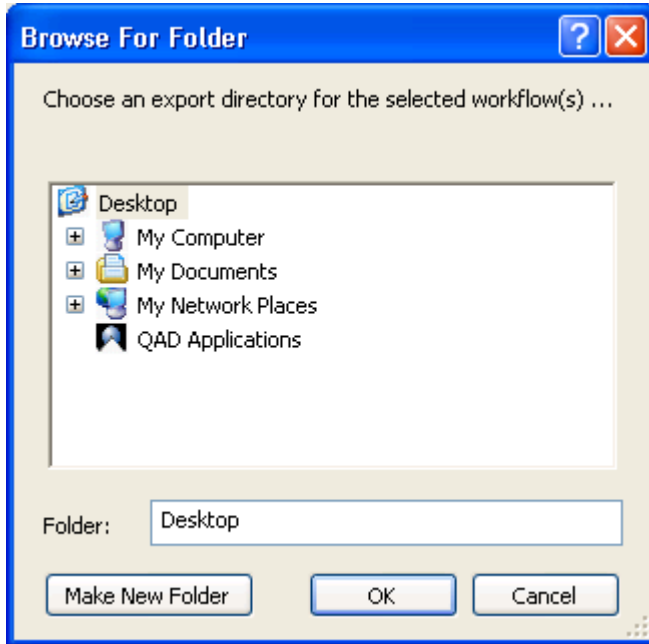
**[200902859] Content Upload** - When using the INST tool to upload Precision supplied content the message area did not scroll as new messages were added

**[200903032] Producing Documents via XML Messages** – When PDF documents were produced and collated as part of processing an XML message there were large numbers of unnecessary records created on the following tables; xmkcont0, xmkfont0, xmkimg0. There are scripts available to remove redundant data from the database.

**[200903032] ShipShipment: Number of copies** - The number of copies field for documents passed in a ShipShipment message was being ignored.

**[200902960] Workflow Filter** - The filters for each tab were not saved on exiting Workflow Console.

**[200902852] "Browse for folder"** - The dialog has been changed to provide a more standard Windows look and feel and includes the ability to enter path names and resize.



**[200903171] Highway Listener Log File** - The name of the log files created by the Windows Highway listener has changed. It is now in the format <listener-name>-business-output.log.

**[200902971] Display & Print UN(Hazardous) Description** – When setting up UN codes on the UN master table it is possible to specify the Product and Transport Mode as part of the key. When a UN number was attached to a transaction item line and printed on documents it did not always show the correct UN Description i.e. it did not find the correct UN master record based on the combination of UN Code, Product Code and Transport Mode.

## Deprecated Features

The following features or functions have been retired with the release of PRECISION 2009

### **NCTS (New Computerised Transit System)**

The NCTS was introduced in the EU in 2003 for electronically reporting goods in transit within the EU. Precision included support for NCTS in a subsequent PRECISION release. There was a very limited uptake for the functionality and there are currently no customers using it. There are significant changes being introduced to NCTS this year and a strategic decision has been made to discontinue support for NCTS.

### **Basic Scan, Pack, Ship (SPSPAK)**

This is an option to capture packing information and was subsequently replaced with the SHPINT(Scan, Pack, Ship) option. It is now being retired.

### **'ARCH' Archiving**

Replaced by ARCP, see Archiving section.

### **'PRG' Purging**

Replaced by ARCP, see Archiving section.