Enhancements

SYSPRO 7 Update 1 | Port 006

Last build date: October 2015

SYSPRO Help and Reference

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Table of Contents

Port 006

The following is a summary of the enhancements that have been implemented for this port.

EU Intrastat Requirements

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
APSPSP	AP Supplier Maintenance	045
APSSSP	AP Supplier Maintenance	030
ARSPAD	AR Multiple Ship to Address Maintenance	015
ARSPCS	AR Customer Maintenance	058
ARSSCS	AR Customer Maintenance	044
ARSSMA	AR Multiple Ship to Addresses	005
CMSP15	Account Maintenance	015
CMSPW2	Account to Customer Wizard	003
CMSPW3	Account to Supplier Wizard	002
CMSSAC	Contact Management Account Maintenance	005
IMP010	Inventory Movements	171
IMP040	SO Entry	287
IMP041	SO Batch Invoicing	182
IMP042	SO Header Maintenance	055
IMP043	SO Sales Orders SCT Inventory Update	038
IMP04M	SYSPRO Multiple Customer Address List	010
IMP04P	SO Point of Sale	069
IMP04Z	SO Quick Entry	048
IMPBDA	PO Multiple Delivery Addresses	007
IMPPOP	PO Creation	080
IMPQTX	Query Tax Options	001
IMPSCT	SO Supply Chain Transfer Creation	045
IMPTAX	Admin Tax Options	021
IMPTTX	Post Admin Tax Options	002
INTP52	EDI Sales Order Import	037
INVPWH	Inventory Warehouse Maintenance	032
INVTMN	Inventory Movements (GIT Wh XFers IN)	047
PORP09	PO Intrastat Transaction Maintenance	006

Program	Description	Version
PORP10	PO Entry	143
PORP1B	PO Header Maintenance	036
PORP20	PO Print	066
PORP93	Requisition Create Purchase Orders	029
PORPDA	PO Multiple Delivery Address Maintenance	005
PORPEN	PO Query	048
PORPM9	Requisition Entry Maintenance	055
PORPRI	Purchase Order Inspections	057
PORPRR	LCT Receipt in from LCT	024
PORPRS	PO Receipts & Inspection	055
PORQ71	PO EC Declaration of Arrivals	005
PORQRY	PO Purchase Order Query	018
PORTLR	PO Landed Cost Receipts	048
PORTOI	PO Purchase Order Import	036
PORTOR	PO Purchase Order Receipts	090
PORTRO	PO Purchase Order Receipts Reversal	023
PORTRQ	PO Requisition Entry	029
QOTP1A	Quotation Entry	069
QOTP20	Quotation Confirmation	079
QOTRQH	Quotation Build Quotations Header	007
QOTTQI	Quotation Entry and Maintenance	036
RMAP50	RMA Issue & Receipt - Create sales	057
RMATRL	Create/Update RMA Detail	006
SALBES	Browse on Shipping Locations	000
SALP09	Sales Analysis Intrastat Transact Maint	007
SALPES	Shipping Location Maintenance	000
SALQ76	SA EC Sales SRS Report	010
SORP30	Dispatch Note Consolidation	036
SORP85	SO Consolidate Orders	011
SORPOE	SO Entry Express	027
SORPR1	Blanket SO Contract Maintenance	018
SORPS4	Dispatch Note Header	014
SORPS7	Dispatch Note Maintenance	035
SORQCD	SO Consolidated Dispatch Inv Doc Query	023
SORQDD	SO Dispatch Note Documents Query	024
SORQID	SO Sales Order Invoice Document Query	033
SORQND	SO Dispatch Invoice Document Query	026

Program	Description	Version
SORQOD	SO Sales Order Documents Query	029
SORQRY	SO Sales Order Query	038
SORRSH	SO Build Sales Order Header	014
SORTCH	SO Credit Note Header	017
SORTCI	SO Credit Note from Invoice	014
SORTDN	Dispatch note creation from Sales Order	037
SORTIC	SO Invoice Calculation from Sales Order	061
SORTNC	SO Dispatch Invoice Calculation	038
SORTOI	SO Sales Order Import	102
SORTOV	SO Sales Order Import Validation	064
WIPP09	WIP Part Billings	087
WIPTPB	WIP Part Billings	037

File	Version
IMPWRFBB.IMP	002
IMPWRFBI.IMP	002
PO_EC_DECLARATION_OF_ARRIVALS	002
SA_EC_SALES_SUPPLEMENTARY	003

Why was this done?

In a global trading environment, companies require a dedicated delivery terms field to facilitate the tracking and reporting on sales and purchases, regardless of whether the EC VAT system is being used. This enhancement introduces new features for sales and purchase order processing for customers and suppliers who are not marked as members of the EC, so that delivery terms are optionally visible on both sales and purchase documents.

What was done?

There is a new **Capture delivery terms for non EC members** setup option that allows the entry of the delivery terms for non-EC members. This option is not dependent on the EC VAT system and, if enabled, default delivery terms and shipping locations will be available on all relevant master data.

Previously, when using the EC VAT system inside SYSPRO (and provided your customer/supplier is flagged as being a member of the European Union) there was a **Delivery terms** field for Incoterms to be captured against sales and purchase orders (Incoterms indicate the portion of costs and risks agreed to by the parties in a contract of purchase or sale, and work in conjunction with a named destination for the shipment). There is now a free-format **Shipping location** field that should be entered when delivery terms are added (e.g. `DDU - DEHAM` translates to Delivered Duties Unpaid at the German port of Hamburg).

Where can I see the change?

The **Capture delivery terms for non EC members** setup option is accessed from the **Intrastat** tab of the **Tax Setup** program. The new shipping location can be entered wherever delivery terms can be captured, and all documents in sales and purchasing will be able to output both the delivery terms and shipping locations.

Report Writer keys in SYSPRO 7

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
REPP75	RW Report Maintenance	052
REPP80	RW Report Writer	052
REPPB8	RW Export Data Definition	006
REPPFH	RW File Handler - ISAM	017
REPPFS	RW File Handler - SQL	036
REPPZ2	RW Data Dictionary Import Wizard	015

Why was this done?

There was a requirement for reports developed in SYSPRO 6.1 to work unchanged in SYSPRO 7 and for differences to be handled as seamlessly as possible.

Reports developed for SYSPRO 6.1 and prior versions typically treated key fields as 'alphanumeric' and used their full length. Therefore when a key field such as the customer code was defined as numeric, it would be shown with 7 numeric digits (e.g. `0001234`) and the operator would be required to define conditions in the Report Writer using a 7 character alphanumeric variable/string (e.g. `0000001`).

In SYSPRO 7, however, many key fields are stored in significantly larger field sizes. To avoid an operator having to work with 15 digits for numeric keys, SYSPRO allows the definition of a presentation length against each key field. When migrating a SYSPRO 6.1 company to SYSPRO 7, the presentation length is set to the same value as the original key size in SYSPRO 6.1. Although for alphanumeric keys this just means that the first 7 characters will be used, for numeric keys the 'right-most' 7 characters will be used (e.g. customer key `0001234` in SYSPRO 6.1 will be stored as `000000000001234` in SYSPRO 7). When programs show numeric customer keys in SYSPRO 7, they take the right-most 'x' characters as defined by the presentation length (i.e. if the presentation length is set to 8, then the customer key will be shown as `00001234`).

What was done?

When you import the data dictionary, the datatype against each field is now transferred to each column in the Report Writer data dictionary. In addition, when adding a new key column to a report, the edit length will now default to the presentation length (i.e. if the presentation length against the customer key is 7 characters, then the edit length will default to 7 characters).

When printing the report (or generating an extract file or XML report) the edit length will be used. If the key is defined as numeric, then the last 'x' characters of the key value will be printed.

For example: If the customer key is defined as numeric and the customer code is `000000000001234`, then (if the edit length is 7 with no zero suppression) the field will be shown as `0001234`. If the edit length is 7 with zero suppression enabled, the field will be shown as `1234`. In all cases, if a key is defined as alphanumeric (or the key contains alpha characters) then the left-most 'x' characters will be shown (where 'x' is the edit length as defined in the report).

Where can I see the change?

When printing a report, numeric keys will show the correct right-most 'x' characters as defined by the edit length. Similarly, if the current key definition is numeric and has zero suppression enabled then leading zeros will not be shown.

When adding a key field to a report, you will see the edit length defaulting to the current presentation length.

Report Writer supports up to 15-digit integers

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
REPP75	RW Report Maintenance	052
REPP80	RW Report Writer	052
REPPB2	RW Data Dictionary Columns	016
REPPB9	RW Data Dictionary Data Types	000
REPPFH	RW File Handler - ISAM	017
REPPFS	RW File Handler - SQL	036
REPPZ2	RW Data Dictionary Import Wizard	015

Why was this done?

There was a requirement to allow you to specify the full 15 digits as a constant in the report definition. Previously, the Report Writer only supported up to 12-digit integers and 6 decimals

What was done?

The data dictionary import that transfers selected information from the standard SYSPRO data dictionary to the Report Writer data dictionary has been changed to accept the full 15 digits. The **Report Designer** and **Report Writer** have both been updated to support up to 15-digit integer fields. In addition, you can enter a constant in the condition editor of the **Report Designer**, allowing you to compare numeric fields with a 15-digit integer constant.

Where can I see the change?

The **Report Writer** now supports the print/export of up to 15-digit integer fields. The **Report Designer** will allow you to preview numeric fields up to 15 integers as well as define constants when using the condition editor.

You will need to re-import the data dictionary to take advantage of the 15-digit integer fields in the data dictionary import.

Term fixed days added to Invoices by Customer

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
ARSQRY	AR Customer Query	024
IMPBIN	AR Invoices for Customer	026

Why was this done?

This forms part of the enhancement that was released in Port 005 relating to the ageing of AR invoices based on user-defined ageing buckets instead of the Accounts Receivable period end dates.

What was done?

The **AR Invoices for Customer** program and **AR Customer Query** business object have been updated to cater for the new ageing option that shows invoice due dates based on the AR Terms option: **Number of days fixed**.

Where can I see the change?

The changes are visible when you load the **AR Invoices for Customer** program if you are using the new terms code option and user-defined ageing buckets.

Document rate stored in GL

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
APSPGI	AP Invoice GL Integration Update	020
APSPGP	AP Payment GL Integration	019
APSTGI	AP Invoice GL Integration	012
APSTGP	AP Payment GL Integration	010
ARSPGI	AR Invoice Integration update	035
ARSPGP	AR Payment GL Integration	024
ARSTGI	AR Invoice Integration update	031
ARSTGP	AR Payment Integration update	014
ASSPGI	Asset GL Integration Update	014
ASSTGI	Asset GL Integration	007
CSHPGI	Cash Book GL Integration Update	020
CSHTGI	Cash Book GL Integration	012
GENPJM	GL Journal Entry	057
GENPST	GL Posting Program	034
GENTJL	GL Journal Posting	039
INVPGG	GRN GL Integration Update	016
INVPGM	Inventory GL Integration Update	029
INVTGG	Inventory GRN GL Integration Update	010
INVTGM	Inventory Integration Update	019
TPMPGI	TPM GL Integration	013
TPMTGI	TPM GL Integration	008
WIPPGI	WIP Labor GL Integration	019

Program	Description	Version
WIPPGM	WIP Part Billings GL Integration	015
WIPTGI	WIP Labor GL Integration business object	013
WIPTGM	WIP Part Billing GL Integration	010

Why was this done?

Mexican legislation requirements dictate that the source document date and rate should be used for financial reporting.

What was done?

New columns have been added to the `GenTransaction` table. These columns will be populated with the sub module document date and the rate applicable. All **GL Integration** programs and business objects have been changed to take the document date to the General Ledger and calculate the document rate when the `GenTransaction` table is populated.

Where can I see the change?

The document date and document rate is stored on the `GenTransaction` table.

Late linking of a job to a sales order facility

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
SORPB1	SO Browse on SO Lines	024
WIPPLL	WIP Job Linking	000
WIPTLL	WIP Late linking of job to sales order	000

File	Version
MSGMANEN.IMP	006

Why was this done?

There was a requirement to be able to link a job to a sales order after the order has been created (e.g. it may only become apparent later in the process that a specific job is required to fulfill the demand). Previously, you could only link a job to a sales order at the time of creating the order.

What was done?

There is a new **WIP Job Linking** program that enables you to link a job to a sales order or de-link a job from a sales order. A number of requirements must be adhered to in order to successfully do this.

Conditions:

- the operator must have access to the warehouse/job classification
- the sales order lines and job must be stocked
- the job cannot be a sub job, hierarchical or complete
- the stock code, revision, release and warehouse on the sales order line must be the same as the job
- the sales order line backorder quantity should be equal or less than the job outstanding quantity

- the sales order must have a positive quantity on back order
- the job quantity to make can be changed in line with the sales order backorder quantity, provided the job is unconfirmed
- the sales order cannot be in a status of 0 (i.e. order in process), 9 (i.e. complete), * (i.e. cancelled before entry completed) or \ (i.e. cancelled before invoicing)
- the sales order type must be 'order'
- if the sales order unit of measure is not stocking, the business object converts the back order quantity to stocking before comparing with the job outstanding quantity
- a warning is displayed if the sales order line ship date is before the job delivery date
- a warning is displayed if the job is partially receipted
- a warning is displayed if a customer is already defined against the job

Where can I see the change?

The **WIP Job Linking** program can be selected from the **Work In Progress** > **Job Postings** folder of the SYSPRO **Program List** pane. The **Detail lines for sales order** program allows you to browse on sales orders and select an order line if the program is being accessed from the **WIP Job Linking** program.

New Espresso applications

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
PORQRQ	PO Requisition Query	018
PORRRQ	PO Build Req Line Information	007

File	Version
SYSPRO.CMS.STANDARD.ESPRESSO.DLL	000
SYSPRO.INV.STOCKTAKE.EPP	001
SYSPRO.REQ.STANDARD.ESPRESSO.DLL	002

Why was this done?

There was a requirement for more Espresso applications, including:

- an application to add requisitions
- applications to query, add and maintain CMS accounts, contacts and activities
- applications to perform a stock take by ticket number and a stock take by bin

What was done?

The following Espresso applications have been added:

- Accounts
- Contacts
- Activities
- Requisitions
- Stock take by ticket number
- Stock take by bin

Where can I see the change?

All the applications are available on the standard SYSPRO Espresso Menu, except for the **Stock Take by Ticket** and **Stock Take by Bin** applications which are available for purchase on the SYSPRO App Store.

Core Espresso functionality

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
CMSQAT	Contact Activity Query	012
CMSQRY	Contact Query	008
ESPQRY	COM Espresso Retrieve Information	009

Program	Version
IMPESP.IMP	013
MSGCOMEN.IMP	017
SYSPRO.CMS.STANDARD.ESPRESSO.DLL	000
SYSPROESPRESSOX64.EXE	008
SYSPROMA_ESPRESSO.DLL	004

Why was this done?

A new build of the install is required to cater for changes made to the search functionality.

What was done?

The Espresso Web Install has been updated to include:

- an Add New button in the **Contact Search**
- infrastructure used by barcoding (for future use)

Where can I see the change?

The changes are available when next you access Espresso.

New Lot Bin Capture program

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
IMP01B	WIP Job Receipts	103
IMP01L	Lots Bins Receipting	000
WIPPIP	WIP Inspection Maintenance	051
WIPTAI	WIP Inspection Accept into Stock	043

Why was this done?

There was a requirement to be able to assign stock to different lots, as you could only assign stock to one lot at a time when receipting traceable items into stock.

What was done?

A new **Lots Bins Receipting** program was created to allocate multiple lots to traceable items at the time of receipting them into stock. This program caters for reserved lots and lot traceable inspection items.

Where can I see the change?

You access the **Lots Bins Receipting** program by selecting the Lot numbers hyperlink at the time of processing the receipt of a lot item using the **WIP Job Receipts** program, or accepting an inspection item into stock using the **WIP Inspection Maintenance** program.

New Foreign Purchase Prices object

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
IMPSFP	Inventory Foreign Purchase Prices	000

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that cater for Foreign Purchase Prices setup functionality.

Where can I see the change?

Schemas and sample XML instances are available in the SYSPRO e.net Solutions Business Objects Reference Library.

New Work Center Move Matrix object

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
BOMSMM	Work Center Move Matrix Maintenance	000

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that cater for BOM Work Center Move Matrix setup functionality.

Where can I see the change?

Schemas and sample XML instances are available in the SYSPRO e.net Solutions Business Objects Reference Library.

New BOM Tool Set object

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
BOMSTL	BOM Tool Set Maintenance	000

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that cater for BOM Tool Set setup functionality.

Where can I see the change?

Schemas and sample XML instances are available in the SYSPRO e.net Solutions Business Objects Reference Library.

New MRP Resource object

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
MRPSRC	MRP Resource Maintenance	000

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that cater for MRP Resource Maintenance setup functionality.

Where can I see the change?

Schemas and sample XML instances are available in the SYSPRO e.net Solutions Business Objects Reference Library.

New LCT Constant Code object

Version	Issue	Port
7.0	001_SP1	006

Program	Description	Version
PORSCC	LCT Constant Code Maintenance	000

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that cater for LCT Constant Code setup functionality.

Where can I see the change?

Schemas and sample XML instances are available in the SYSPRO e.net Solutions Business Objects Reference Library.

Appendix

Additional resources

Training

SYSPRO provides extensive training materials to assist you in gaining a working knowledge of the modules and processes within SYSPRO. Please refer to the SYSPRO *InfoZone* for details on how to obtain these guides (`http://infozone.syspro.com/support`).

Support

SYSPRO's *InfoZone* provides up-to-date information about the product as well as more advanced tutorials for registered users.

Newsletter

As part of SYSPRO's ongoing commitment to keeping you informed about the latest product developments, a regular newsletter is distributed to the SYSPRO community. The newsletter covers many aspects of SYSPRO ranging from product enhancements to support-related information, known issues and useful tips. You can subscribe to this newsletter from the SYSPRO *InfoZone*.

Forums

SYSPRO provides a number of active on-line *forums* for you to engage in various discussions about the product.

Contact us

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