SYSPRO™
Simplifying your Success

Enhancements

SYSPRO 7 Update 1 | Port 012

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SYSPRO Help and Reference

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Port 012

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

New object for company login

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
COMLGN	COM Login and Authentication	072
IMPALF	Admin LICENSE.XML Import Wizard	023
IMPALG		030
IMPBID	Admin Company Setup	067
IMPMCY	Company Maintenance	020
IMPNCO	Add New Company Wizard	013
IMPSTD	Admin Standard Library Routines	110

File	Version
IMPMOD.IMP	005
MSGCOMEN.IMP	021

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications to allow or prevent company login functionality.

Where can I see the change?

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

eSignatures added to Purchase Orders

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
PORP20	PO Print	069
PORP93	Requisition Create Purchase Orders	033
PORPB1	Requisition User Browse	017
PORPIQ	Requisition Review	024

Program	Description	Version
PORPM1	Requisition User Maintenance	012
PORPM9	Requisition Entry Maintenance	058
PORTLR	PO Landed Cost Receipts	052
PORTOR	PO Purchase Order Receipts	094
PORTRQ	PO Requisition Entry	032
PORTTR	Requisition Supply chain transfer	000
PORUIT	Requisition Issue & Transfer Build Util	013
SORTTR	SO Sales Order Supply Chain Transfer	023

Why was this done?

There is a requirement to more closely monitor activities in the **Purchase Orders** module.

What is being done?

Electronic Signatures are being added to the **Purchase Orders** module. The changes are still in progress and will be available to implement at a later date.

Espresso Apps and Core functionality

Version	Issue	Port
7.0	001_SP1	012

File	Version
SYSPRO.WIP.JOBENTRY.EPP	000

Why was this done?

This forms part of the ongoing improvements and additions to the SYSPRO Espresso suite of applications.

What was done?

A **Job Entry** application to create and maintain jobs within Espresso is available as a purchasable application.

Where can I see the change?

The applications and changes will be made available on the standard SYSPRO Espresso Menu and the SYSPRO App Store.

Espresso Licensing

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
COMLGN	COM Login and Authentication	071
COMTOP	COM Operator Copy Transaction	009
IMPACT	Admin Login and Authentication	112
IMPALF	Admin LICENSE.XML Import Wizard	022
IMPALG		029
IMPBID	Admin Company Setup	066
IMPMCY	Company Maintenance	019
IMPNCO	Add New Company Wizard	012
IMPNEW	Admin First Time SYSPRO Installation	015
IMPPMP	Operator Maintenance	020
IMPSET	Admin System Setup	031

Why was this done?

There was a requirement to enhance the SYSPRO Espresso licensing options by providing improved flexibility at a reduced cost.

Currently, Espresso licenses are provided on a per-seat (named user) basis. If, for example, you require 100 people to use Espresso in your organization then you require a license for 100 Espresso seats. This would enable you to configure up to 100 SYSPRO operators with the Espresso user license enabled. These are known as **full use** Espresso seats.

What was done?

There are two new Espresso licensing options:

• Espresso Linked User

If a site is licensed for 80 concurrent users (80 SYSPRO concurrent user license), selecting this option will allow up to 80 selected operators to use Espresso.

The cost of this setup option is significantly lower than if each of the 80 operators required a **full use** Espresso license. If more users are required to use Espresso, for example 100, then these additional 20 users will require a **full use** Espresso license. The cost of this license is significantly lower than if each of the 80 Operators required a **full use** Espresso license.

• External Espresso Users

This allows a SYSPRO site to provide an Espresso license to their customer, allowing them limited access to queries and transaction posting apps for a specific customer.

This allows their customers to manage the interaction with the SYSPRO site providing improved collaboration, less management at the SYSPRO site and generally improved customer service and responsiveness with reduced cost.

Until now, each of the SYSPRO sites' customers needed their own operator code in SYSPRO and a **full use** Espresso license. Those operator codes would be restricted to only have access to the appropriate customer's details. However the cost of the **full use** Espresso license was relatively high considering the tightly restricted access and limited apps that they would have access to.

If the customer requires access to more details than those against a selected customer account then a **full use** Espresso license will still be required as before.

Where can I see the change?

- A new **Espresso Linked users** option has been added to the **Admin System Setup** program. Enabling this checkbox allows each of your SYSPRO concurrent licensed users to have access to Espresso. This is stored in the `IMPACT.INI` file using the `IMPESL=1` tag (where 1 means checked).
- The program has also been enhanced to allow entry at the **Number of Espresso External seats** field. This will typically match the number specified in your license and can be a 6-digit number. This is stored in the `IMPACT.INI` file using the `IMPESX=999999` tag.
- You can view the new Espresso system-wide settings in the **Company Maintenance** and **Admin Company Setup** programs. These values will be verified when importing a `LICENSE.XML` file containing the new information.
- A new **Espresso license type** dropdown field has been added to the **Operator Maintenance** program from which you can select if the operator is a full use Espresso user, a Linked Espresso user or an External Espresso user.

  When defined as an External Espresso user you must select **02 - Customer** at the **Functional Role** dropdown field on the **e.net** tab, and you must assign a single customer code to the operator code.
- When logging into an Espresso application the appropriate license validation will be performed.

In Process Configurations

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
BOMSRO	BOM Routing Maintenance	020
BOMSST	BOM Structure Maintenance	030
CFGPDY	Product Config Header Maintenance	025
CFGPLB	Browse on CFG Library selections	000
CFGUCO	CFG Component and Operation Update	000
IMP012	BOM Structures and Routings	111
IMP040	SO Entry	300
IMPBOM	BOM Routing and Structure Creation	018
IMPSTK	Parent Creation	016
INVPC1	Product Configurator	063
INVPC2	Product Configurator Job Creation	040
QOTP12	Quotation Estimates	052
QOTP13	Quotation Copy to Estimates	041
QOTP1A	Quotation Entry	075
QOTP20	Quotation Confirmation	087
QOTPEN	Quotation Query	039
QOTSRO	Estimate Routing Maintenance	012
QOTSST	Estimate Structure Maintenance	015
SORPEN	SO Query	086
WIPP05	WIP Job Entry	125

Program	Description	Version
WIPTJB	WIP Job Creation and Maintenance	075
WIPTJL	WIP Job and Op Maintenance	037
WIPTJM	WIP Material Allocations	053

Why was this done?

There was a requirement in Sales Orders and Quotes to reuse a configuration when maintaining a sales order or quotation line.

What was done?

A new option: **Allow in process configurations** has been added to the **Options** tab of the **Product Config Header Maintenance** program.

This option is only available if:

• The **Sales orders** and/or **Quotations** and **Estimates** options are selected on the **General** tab of this program.
• The **Retain configuration libraries** option is selected on the **Options** tab of this program.
• You are generating a parent part (**Stocked**, **Non-stocked** or **Both stocked & non-stocked** are selected at the **Type** field in the Parent group on the **Options** tab of this program).

Once this is enabled the **Product Configurator** option will be available from the dropdown menu in the **SO Entry** and **Quotation Entry** and Quotation Estimates programs.

Where can I see the change?

The following programs have been updated to cater for this new option:

• **SO Entry**

A Product Configurator menu option is available against a sales order line when that line is linked to a configuration. This option is not currently available for the web product configurator. The following order types can reuse a configuration: orders, billing, scheduled orders, forward orders.

• **Product Configurator Wizard**

New in process options are available in the Product Configurator Wizard, including:

  ◦ Update price against sales order/quotation line.
  ◦ Update list price for parent stock code.
  ◦ Update cost for parent stock code.
  ◦ An option to automatically update the changes to the configuration. If this option is selected, you will have an option to select to use the BOM components to replace the job material allocations. Only those components generated through the configurator and saved to the new library will be copied to the job.
  ◦ An option to review the configuration changes. This will open the new **Review of Components and Operations** program.

• **Quotation Entry**

A Product Configurator menu option is available against a quotation detail line when that line is linked to a configuration.

When creating a quotation line from the product configurator, a configurator will only be able to be reused if the configuration is created from the stocked tab. You can create stocked and non-stocked parent codes from this link.

• **Quotation Copy to Estimates**

The configuration can be reused in process when creating an estimate.

• **SO Query**

Two new hyperlinks - **Product Code** and **Library Code** - are available on the **Sales Order Line Information** display form. The **Product Code** hyperlink calls the **Product Configurator Configurations** program and the **Library Code** hyperlink calls the **Product Configurator Library Selections** program.

- **Quotation Query**

  Two new hyperlinks - **Product Code** and **Library Code** - are available on the **Quotation Details Values** display form. The **Product Code** hyperlink calls the **Product Configurator Configurations** program and the **Library Code** hyperlink calls the **Product Configurator Library Selections** program.

- New programs include:

  ◦ **Review of Components and Operations**

  This program is called from the Product Configurator Wizard when the **Review changes** option is selected.

  ◦ **Product Configurator Library Selections**

  This program displays the components and operations of a library associated with a quotation/sales order line.

Job Amendment Journals

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
BOMP3F	ECC Change ECO Status	043
IMPCOS	WIP Setup	042
INVPC2	Product Configurator Job Creation	040
MRPP46	MRP Job Review	065
QOTPLD	Quotation Job Loading	058
RMAP50	RMA Issue & Receipt - Create sales	062
WIPBAJ	Browse on Job Amendment Journals	000
WIPME3	WIP Material Allocations - Maintenance	065
WIPP01	WIP Period End	057
WIPP05	WIP Job Entry	125
WIPPCJ	WIP Job Confirmation Review	036
WIPPE3	WIP Material Allocations - Browse	069
WIPPEN	WIP Query	078
WIPPM1	WIP Job and Op Maintenance	051
WIPPM3	WIP Add an Operation	049
WIPQAJ	Job Amendment Journals Query	000
WIPQSO	Query Work in Progress Setup Options	008
WIPTJB	WIP Job Creation and Maintenance	075
WIPTJL	WIP Job and Op Maintenance	037

Program	Description	Version
WIPTJM	WIP Material Allocations	053
WIPTSO	Post Work In Progress Company Setup	009

File	Version
WIP_JOB_AMENDMENT_JNL	000

Why was this done?

There was a requirement to track any changes made when a job, labor or material allocation is created or maintained.

What was done?

An amendment journal has been added to track all labor or material allocations that are added, changed or deleted.

An amendment journal will be created when you perform any of the following transactions against a live job (no amendment journals are created for snapshot jobs):

- Create the job

  The following programs have been changed: **WIP Job Entry**, **Product Configurator Job Creation**, **MRP Job Review**, **Quotation Job Loading**, **RMA Issue & Receipt - Create sales**.

- Maintain the job

  The following programs have been changed: **MRP Job Review**, **WIP Job Entry**.

- Delete a job

  The following programs have been changed: **WIP Job Entry**, **WIP Period End**.

- Add a labor or material allocation

  The following programs have been changed: **Product Configurator Job Creation**, **Quotation Job Loading**, **RMA Issue & Receipt - Create sales**, **WIP Add an Operation**, **WIP Material Allocations - Maintenance**.

- Change a labor or material allocation

  The following programs have been changed: **WIP Job and Op Maintenance**, **WIP Material Allocations - Maintenance**.

- Delete a labor or material allocation

  The following programs have been changed: **WIP Material Allocations - Maintenance**, **WIP Job and Op Maintenance**.

- Place a job on hold

  The following programs have been changed: **ECC Change ECO Status**, **WIP Job Confirmation Review**, **WIP Job Entry**.

- Confirm a job

  The following programs have been changed: **WIP Job Confirmation Review**, **WIP Job Entry**.

Where can I see the change?

- A new option: **Capture job amendment journals** is available in the **WIP Setup** program.
- A new hyperlink is available in the **WIP Query** program on the **Additional Information** form to view amendment journals.

  This hyperlink is enabled when the **Capture job amendment journals** option is selected in the **WIP Setup** program.
- A new **Browse on Job Amendment Journals** program is available on the SYSPRO menu.
- A new **Job Amendment Journals Query** business object is available to view the new job amendment journals.

- The following business objects have been changed to cater for the new amendment journal option:
  ◦ WIPTSO
  ◦ WIPQSO
  ◦ WIPTJB
  ◦ WIPTJL
  ◦ WIPTJM

New object for Requisition Transfers

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
PORTTR	Requisition Supply chain transfer	000

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications for requisition transfer 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.

Automated payment run generation

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
ARSPB3	AR Post Dated Checks	019
ARSPCR	AR Collector Run Maintenance	007
ARSPDS	AR Post Dated Check Status	002
ARSPPR	AR Payment Run	009
ARSTPY	AR Payments and Adjustments	049

Why was this done?

There was a requirement to automate the **AR Collector Run Maintenance** program.

What was done?

An automatic function has been added to the **AR Collector Run Maintenance** program to apply and allocate cash collected, to the outstanding invoice amounts captured in the collector run.

There is also a facility to generate and populate an AR payment run automatically with all the relevant data from the collector run, to ensure a quicker and easier posting process.

The **AR Post Dated Check Statuses** program now allows you to post cleared PD checks and to automatically create the AR payment run.

Where can I see the change?

The changes are visible in the **AR Collector Run Maintenance** and **AR Post Dated Check Statuses** programs.

Supply and demand control extended to MRP calculation

Version	Issue	Port
7.0	001_SP1	012

Program	Description	Version
IMP040	SO Entry	298

Why was this done?

This forms part of an enhancement that was released in Port 011 relating to the control of supply and demand included in the MRP calculation to extend beyond company level. For example, although you could exclude all purchase orders and requisitions as supply in the calculation, you could not exclude specific purchase orders and requisitions or individual purchase order/requisition lines.

What was done?

The facility to exclude specific sales orders at header and line level has been provided when running the MRP calculation. When a sales order (or sales order line) is excluded from the MRP calculation, it is no longer seen as a source of demand and if a shortage exists, no suggested purchase orders, requisitions or jobs are raised for the item(s) on that specific sales order/line and any supplying jobs are not suggested to be cancelled.

Where can I see the change?

A new field and a column: **Include in MRP** has been added to the header and listview respectively of the **SO Entry** program that displays the inclusion or exclusion from the MRP calculation.

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

Send us your comments to help us improve the standard of our reference guides. All emails can be sent to *Development-Authors@za.syspro.com*.