



# Enhancements

SYSPRO 7 Update 1 | Port 011

Last build date: February 2016



## SYSPRO Help and Reference

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## Port 011

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

### eSignatures added to Purchase Orders

Version	Issue	Port
7.0	001_SP1	011

Program	Description	Version
PORP10	PO Entry	147
PORTOI	Purchase Order Import	038

#### 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 Order 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	011

File	Version
SYSPRO.INV.MOVEMENTS.ESPRESSO.DLL	006
SYSPRO.SOR.STANDARD.ESPRESSO.DLL	011
SYSPRO.WIP.ISSUES.EPP	000
SYSPRO.WIP.RECEIPTS.EPP	000
SYSPRO.WIP.STANDARD.ESPRESSO.DLL	003

#### Why was this done?

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

#### What was done?

Additional applications and functionality include:

- A **Job Receipts** application to receipt a manufactured item into stock from a Work in Progress job. This application can be purchased from the SYSPRO App Store.
- A **Job Issues** application to issue all component parts and labor allocations to a confirmed job. This application can be purchased from the SYSPRO App Store.

- A **Job Entry** application to create and maintain jobs within Espresso. This application can be purchased from the SYSPRO App Store.
- A **Backflushing** application to record the manufacture of items without using a Work in Progress job.
- Discount fields have been added to the **Sales Order** application against the order header and order line, and the order type and warehouse values now default to those defined against the customer.
- Additional searches have been added for the new WIP applications.
- Splitviews for applications purchased from the SYSPRO App Store are now being imported correctly after changes made to the Espresso Managed Assembly.

## 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.

## New object for MRP resource structures

Version	Issue	Port
7.0	001_SP1	011

  

Program	Description	Version
MRPSRS	MRP Resource Structure Maintenance	000

## Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications for MRP resource structure 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 object for PO multiple delivery addresses

Version	Issue	Port
7.0	001_SP1	011

  

Program	Description	Version
PORSDA	Purchase Order Multiple Delivery Address Maintenance	000

## Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications for PO multiple delivery address 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.

## Supply and demand control extended to MRP calculation

Version	Issue	Port
7.0	001_SP1	011

Program	Description	Version
BOMP39	BOM Where-used Query	024
IMPBRD	PO Browse on Requisition Details	003
IMPBSO	SO Sales Orders	026
IMPBSR	MRP Browse on Suggested Requisition Det	001
IMPPOP	PO Creation	085
IMPST	SO Supply Chain Transfer Creation	047
INVPE2	Inventory Browse on SO by Stock Code	038
INVPE3	Inventory Browse on PO by Stock Code	024
INVQWR	Inventory Where-Referenced Query	021
MRPP40	MRP Requirements Calculation	083
MRPPPS	MRP Master Production Schedule Review	037
MRPQ25	MRP Master Production Schedule	005
MRPQ43	MRP Purchase Order Action Report	015
MRPQ44	MRP Supply Chain Action Report	007
MRPQ61	MRP Sales Order Action Report	007
PORP94	Requisition Query for Stock Code	009
PORPB5	PO Browse on PO Lines for LCT only	003
PORPM9	Requisition Entry Maintenance	057
PORQRQ	PO Requisition Query	019
PORTOI	PO Purchase Order Import	038
PORTRQ	PO Requisition Entry	031
SORPE1	SO Query Backlog	010
SORPOE	SO Entry Express	033
SORQ14	Sales Order Commitment	008
SORQB1	SO Sales Order Lines Query	005
SORQBZ	SO Sales Order Line Query	005

File	Version
IMPSEC.IMP	022
MRP_MASTER_PRODUCTION_SCHEDULE	002
MRP_MASTER_PRODUCTION_SCHEDULE_SUM	002
MRP_PURCHASE_ORDER_ACTION	006

File	Version
MRP_SALES_ORDER_ACTIONS	002
MRP_SUPPLY_CHAIN_ACTION	004
SO_BACKLOG_BY_STOCK_CODE	002
SO_SALES_ORDER_COMMITMENT	002

## Why was this done?

There was a requirement for 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 purchase orders, requisitions and sales orders at header and line level has been provided when running the **MRP calculation**.

- When a purchase order (or purchase order line) is excluded from the **MRP calculation**, it is no longer seen as a source of supply. If MRP finds a demand for these item(s) it raises a suggested purchase order. The same applies to requisitions.
- In addition, the **MRP calculation** does not suggest canceling these purchase orders or requisitions, as they are invisible to MRP.
- 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?

### Purchase Order Entry

- The option: **Include in MRP** is available in the **Purchase Order Header** pane, which enables you to exclude the entire purchase order from the **MRP calculation**.
- The option: **Include in MRP** is available in the **Purchase Order Line** pane for stocked and non-stocked items, which enables you to exclude the specific line item from the **MRP calculation**.

### Requisition Entry

The option **Include in MRP** is available in the **Requisition Line** pane, which enables you to exclude the requisition line from the **MRP calculation**.

Requisitions can only be included/excluded at line level as they do not have headers.

### Sales Order Entry (still in progress)

**Note:** Updates to this program are scheduled for release in the next enhancement port.

The option: **Include in MRP** will be available in the **Order Header** pane, to enable you to exclude the entire sales order from the **MRP calculation**.

The option: **Include in MRP** will be available in the Order Line pane for stocked and non-stocked items, to enable you to exclude the specific line item from the **MRP calculation**.

### Sales Order Entry Express

- The option: **Include in MRP** is available in the **Order Header** pane, which enables you to exclude the entire sales order from the MRP calculation.
- The option: **Include in MRP** is available in the **Sales Order Lines Capture** listview (for stocked and non-stocked lines) which enables you to exclude the specific line item from the MRP calculation.

## Create SCT

- The option: **Include in MRP** is available in the **SCT Order Header** pane, which enables you to exclude the entire supply chain transfer order from the **MRP calculation**.
- The option: **Include in MRP** is available in the **Detail Line** pane, which enables you to exclude the supply chain transfer order line from the **MRP calculation**.

**Note:** These options are not displayed by default and must be added to forms using the **Field Selector** form function or the **Field Chooser** listview function or the **Show Captions** option. In each case, the checkbox is enabled by default, which means that the order and line is included in the **MRP calculation**, unless specifically excluded.

## Security

The following operator activities can be used to control access to these options:

- Sales orders - SO Include/Exclude in MRP calculation
- Purchase orders - PO Include/Exclude in MRP calculation
- Requisitions - PO Include/Exclude requisitions in MRP calculation

## Queries and Reports

The **Include in MRP** field can be added to forms and listviews in the following queries:

- Sales Order Query
- Customer Query
- Purchase Order Query
- Requisition Query
- Purchase Orders for Stock Code
- Detail Lines for Purchase Order
- Browse on Purchase Orders
- Browse on Requisition Details
- Browse on Active Sales Orders

Order Profitability Report - the **Orders excluded from MRP** option has been added to the report to enable you to include or exclude orders excluded from the **MRP calculation**.

Orders which were excluded from the MRP calculation are not included in reviews such as the **MRP Purchase Order Review, Requisition Review, MPS Review** and **Blanket Purchase Order Review**. They are also automatically excluded from reports such as the **Purchase Order Actions** and **Supply Actions** reports.

## Materials Requirement calculation

- When orders are excluded at header level, their detail lines are excluded, regardless of whether they are included at line level.
- When orders are included at header level, only detail lines which are included at line level are included in the calculation.
- Requisition lines which are excluded are excluded from the calculation.



# Appendix

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## Additional resources

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### 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.

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