



Enhancements

SYSPRO 7 Update 1 | Port 021

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SYSPRO Technical Authoring

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Port 021

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

Web Views for an enhanced user experience

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

This forms part of SYSPRO's ongoing process of modernising its user interface and improving the user experience of its applications.

What was done?

Web Views have been integrated into SYSPRO to provide a more visually-appealing way of displaying information. A Web View is a self-contained HTML5 page that may contain Fields (as derived from SYSPRO's form fields) Charts (as derived from SYSPRO's charts) and Cards.

A Web Card is also a self-contained HTML5 page, deriving its data from a business object. A card can be run as a separate entity in its own window or embedded in a Web View. They can *key cards* (e.g. displaying information for a key field) or *insight cards* (displaying information like bank balances or sales order commitments). Web Cards are displayed on a Web View by default and are stored in the `SAMPLES` folder (named `UX_Card_XX.html`, where `XX` describes the value, or key field that is added to the card).

Images of the key field can be included and must be defined as a `BMP` type in the multimedia categories. The list of available SYSPRO cards is defined in the `IMPUXC.IMP` file in the `PRG` folder and you can define your own in the `CUSUCX.IMP` file of the `CUSPROGS` folder.

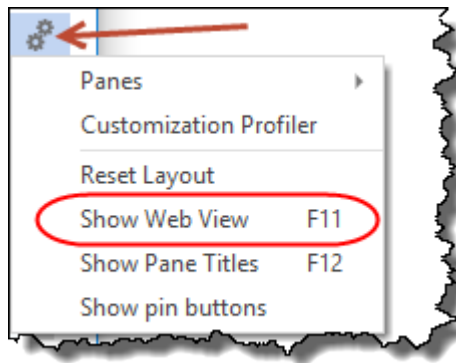
Administrators can design and customize Web Views using the Visual Designer found within the Application Designer. Once deployed, they can be viewed by pressing `F11` in the program for which the Web View has been created.

SYSPRO also ships standard Web Views with the product. These can be viewed once you choose the option to enable the standard Web Views. These are currently limited to the Query applications and are located in the `SAMPLES` folder. Additional standard Web Views will be rolled-out with future enhancements.

Displaying Web Views

1. Press **F11** to toggle the display of Web Views.

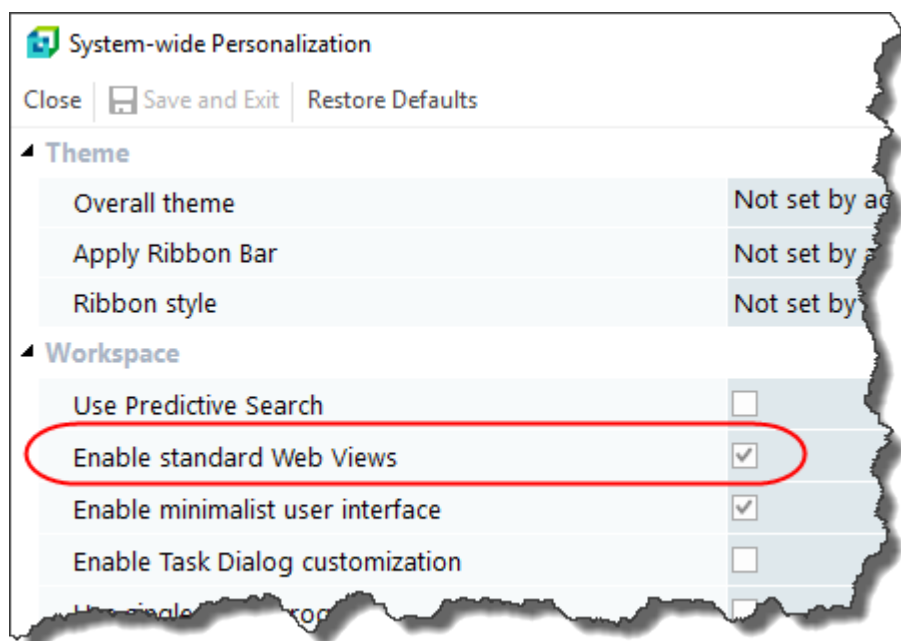
You can also select this from the **Settings** icon (if you have activated the **Enable minimalist user interface** option in the **System-wide Personalization** program).



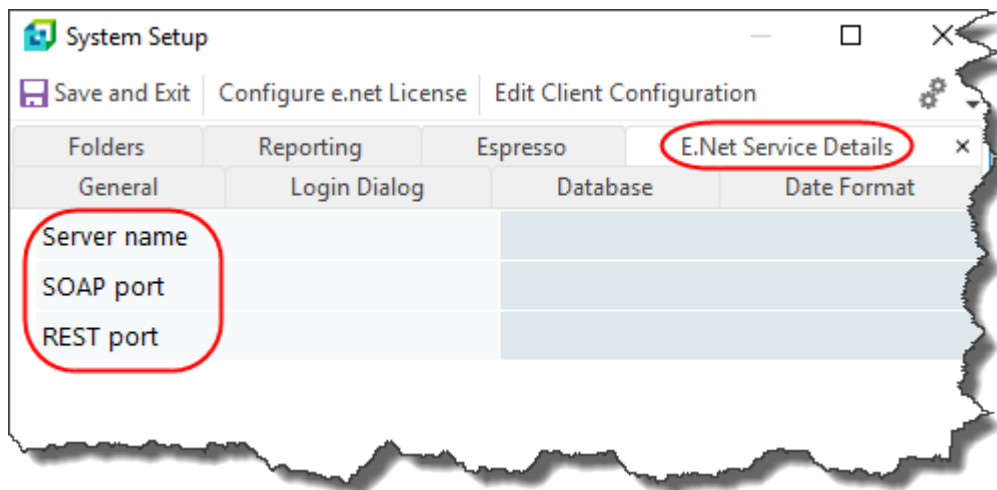
Enabling standard Web Views

The following indicates the steps that you need to follow to view the standard Web Views that are shipped with the product.

1. From the **System-wide Personalization** program, activate the **Enable standard Web Views** option.



2. From the **E.Net service details** tab of the **System Setup** program, define the Server name, SOAP port and REST port details.



These details can be extracted from the `SYSPROWCFHostService.exe.config` file.

Where can I see the change?

Program	Description	Version
IMPBP1	Admin General Graph Interface	098
IMPFRB	System-wide Personalization	027
IMP MEN	Admin Main SYSPRO Menu	183

File	Version
IMPBAR.IMP	000
IMPUCX.IMP	000

SRS printing improvements

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement to review performance issues when processing high report volumes; quality issues relating to reports printed in certain multi-byte languages; and the monitoring of entries in the job logging file.

Performance

Server-side printing

- The total number of Remote Access Services (RAS) available for the processing of reports and documents in SYSPRO has been increased to 6. The 4 added services will help balance the load between all the services, resulting in improved performance.

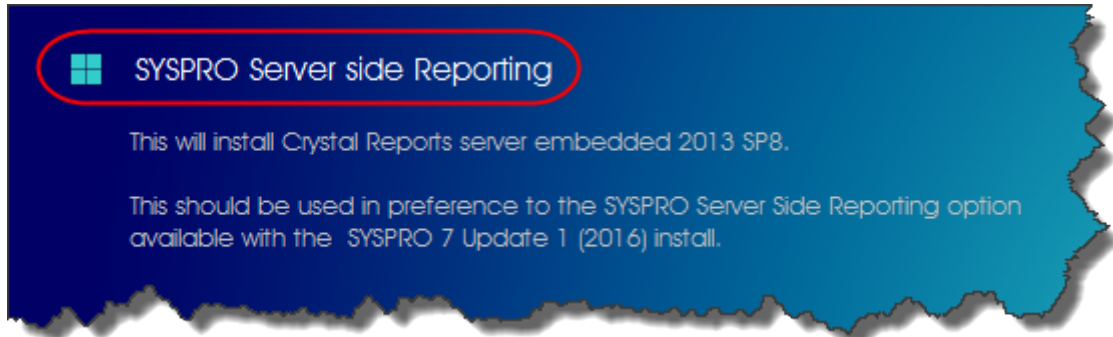
A system-wide table (`SrsRasServer`) stores a list of these Remote Access Services. The table includes columns indicating the RAS port number, description, process type, reporting path and minimum and maximum number of jobs.



If you are currently using Server-side Reporting together with Crystal Reports 2013, then you **MUST** install the new **Crystal Reports server embedded 2013 SP8** run-time.

This update is available for download from the SYSPRO FTP server site in the form of an ISO file (`CrystalReports2013SP8.iso`).

When you launch the `autorun` facility you will be presented with a SYSPRO Server-side Reporting option.



This will install the **Crystal Reports server embedded 2013 SP8** run time as well as an updated version of the SYSPRO Reporting Host Service (`SYSPROReportingHostServiceCRSE2013`).

Document printing

- SRS documents are typically printed using an XML driver which can be slow when generating large batches of documents. The **Maintain SRS Document Templates** program now includes a **Use SQL Driver** option at document level that lets you generate documents using the SQL driver (a SQL reporting configuration must be defined in the **System Setup** program).

Quality

- In a server-side printing environment, problems have been detected when printing documents in certain multi-byte languages (e.g. Thai). The issue relates to the standard viewer first converting the document to a compressed image file, which impacts the print quality. The **Maintain SRS Document Templates** program now includes a **Use Windows default PDF Viewer** option which opens the previewed document using the default Windows PDF viewer instead of the standard preview window.

If you choose to use the standard preview window, then a new **Server Preview Print Quality** option lets you decide whether to print a Standard or High resolution document.



These options are not displayed by default. You will need to use the **Show Captions** function from the shortcut menu (right-click a field on the form) to add them to the form.

Auditing

- A **Job logging for SRS reports** option has been added to the **Company Setup** and **Company Maintenance** programs. The option lets you include entries in the log file that monitors when SRS reports are run. The log file provides details of the date, time and name of the operator who generated the report.
- When exporting a report to Microsoft Excel you can now optionally include the name of the operator who created a journal by selecting the new **Export page header and page footers** option.

Where can I see the change?

Program	Description	Version
COMSET	Store XML File on Server	012
COMQSO	Company Setup Options	001
IMPBID	Admin Company Setup	071
IMPMCY	Company Maintenance	025
IMPNCO	Add New Company Wizard	016
SRSPM2	Maintain SRS Document Templates	020

File	Version
SYSPROREPORTINGHOSTSERVICE.EXE	017
SYSPROREPORTINGHOSTSERVICE2013.EXE	003
SYSPROSRSSERVER.DLL	008

SYSPRO health checks

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement to quickly correct (where possible) the balancing issues found in the health check queries without having to use the out-of-balance functions in core SYSPRO. Previously, you needed to run the balancing functions in the relevant modules which takes time and also performs functions that are not required.

There was also a requirement to control the access and processing of various health check correction functions, including:

- Logging when various balance/corrections are run to the `AdmHealthLog` table
- Centralising security using either business object access based on a single object as well as an electronic signature
- Controlling the sequencing of certain functions (e.g. ensuring that the sales order line quantity balance is run before the sales to inventory balance process is performed).

This is a continuation of the health checks created in Port 017.

What was done?

A new business object has been created to process the following balance correction functions:

- Inventory on hand balance corrections
- Inventory goods in transit balance corrections
- Sales order detail line balance corrections where the quantity to ship and reserved on the sales order detail lines and tables containing the lots, bins and serials selected are compared and balanced.

This business object includes the following features:

- An electronic signature that can be used to control access to these balancing functions
- An audit of what balance corrections have been run, as well as when they were run
- Detailed audits of all corrections that are made in each of the balance functions.



New balance corrections will be added in future enhancements, including the facility to balance sales quantity to inventory and corrections to the SQL database.

Where can I see the change?

Program	Description	Version
COMTHC	Health Check Correction Control	000
INVP01	Inventory Period End	064
INVTBG	Goods in Transit Balance Function	003
INVTBL	Inventory On Hand Balance Function	002
SORTBL	Sales Line Quantity Balance Post	000

File	Version
MSGCOMEN.IMP	028

GL structure security changes

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement to provide security against any changes made to the relationship structure of your ledger accounts.

What was done?

The **GL Structure Definition** program now creates amendment journals when the relationship structure of ledger accounts are changed.

In addition, the following eSignatures have been added:

- GL Relationship allow: This controls access to the relationships allowed for a section.
- GL Relationship disallow: This controls access to the relationships disallowed for a section.

Where can I see the change?

Program	Description	Version
GENPGL	GL Structure Definition	029

New user interface for Interface Export

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement to update the user interface of the SYSPRO **Interface Export** program.

What was done?

- The **Interface Export** program has been enhanced to make use of the customization facilities available within the product.
- The user interface has been updated to include a new toolbar and listviews for viewing the last export and export log for the current company site.

Where can I see the change?

Program	Description	Version
INTP20	Interface Export	010

Default buyer for operators

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement for a default buyer to be used across Purchase Order, Bill of Materials and Quotation programs.

What was done?

A **Buyer** field has been added to the **Defaults** tab of the **Operator Maintenance** program. If defined, the buyer will be used as the default for the operator in programs that require the entry of a buyer code.

Where can I see the change?

Program	Description	Version
BOMPCT	BOM Cost Center Maintenance	010
BOMSCC	Cost Center Maintenance	001
BOMSWC	Work Center Maintenance	011
IMPPMP	Operator Maintenance	024
IMPPOP	PO Creation	090
INVPST	Inventory Stock Code Maintenance	066
INVSST	Inventory Stock Code Maintenance	051
PORP10	PO Entry	155
PORP1B	PO Header Maintenance	042
PORP40	Blanket PO Entry	022
PORPM9	Requisition Entry Maintenance	063
PORRSH	PO Build Purchase Order Header	002
PORTOI	PO Purchase Order Import	042
PORTRQ	PO Requisition Entry	035
QOTPN5	Quotation Non-Stocked Code Maintenance	027

Program	Description	Version
QOTSNS	Quotation Non-Stocked Code Maintenance	014

Updated object for Operator Setup

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement to extend the functionality of the **Operator Setup** business object (COMSOP). Previously, the business object only catered for deleting operators.

What was done?

An **Update** method was added to the business object to allow you to update an existing operator.

Where can I see the change?

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

Program	Description	Version
COMQOL	Operator List Report	009
COMSOP	COM Setup Operator	005

File	Version
MSGCOMEN.IMP	029

New object for non-stocked purchase prices

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that query non-stocked purchase prices for a quotation.

Where can I see the change?

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

Program	Description	Version
QOTQ11	Quotation Non-Stock Purchase Price Query	000

New object for Admin Tax Codes

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications that add, update and delete tax codes.

Where can I see the change?

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

Program	Description	Version
IMPSTX	Admin Tax Codes Maintenance	000

WIP Multi-level Job object optimized for SQL

Version	Issue	Port
7.0	001_SP1	021

Why was this done?

There was a requirement to improve the performance of the **WIP Multi-level Job Report** business object when using a SQL database.

The business object has been changed to use SQL-optimized code to retrieve data from a SQL company.

Where can I see the change?

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

Program	Description	Version
WIPQ40	WIP Multi-level Job Report	008

Appendix

Additional resources

Reference Guides

SYSPRO's Reference Guides are primarily module-based and cover aspects of the user interface at program level. This includes detailed field and function explanations as well as notes and warnings regarding the usage of an application program within SYSPRO. These guides also extend to feature topics within the system (e.g. Tax, Security, Language Translation, etc.) and include implementation considerations. Please refer to the SYSPRO [InfoZone](http://infozone.syspro.com/support) 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](#).

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The Technical Authoring team comprises: Even Nettet, Natalie Le Roux, Carol Hart and Monique MacNaught. Send us your comments to help us improve the standard of our reference guides.



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