Enhancements

SYSPRO 7 Update 1 | Port 029

SYSPRO Technical Authoring

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Port 029

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

Business Insights

Version	Issue	Port
7.0	001_SP1	029

Why was this done?

There was a requirement to be able to surface important enterprise information as it occurs, without having to first print reports or execute queries to translate this information into suitable business actions.

SYSPRO's Business Insights feature enables you to expose and act on this information to facilitate both informed business decisions and business behaviour.

What was done?

A series of key performance indicators and metrics have been created that can be embedded in SYSPRO as **Tiles** that are launched from Web Views. These can be added to the main SYSPRO menu to surface company information (such as the total backorders for the *company*) or they can be added to specific programs and provide the key field as a context (e.g. the total backorders for a specific *customer*). Additionally, when you click on a Business Insight tile, you can drill down to more detailed information that is presented in a listview.

Standard insights

Standard business insights shipped with SYSPRO are stored in the `\Base\Samples` folder and are named `UX_Tile_??????_xxxxxx.SQL`, where `??????` is the **TileId** that must be unique across all tiles and `xxxxxx` is a string that briefly describes the tile (e.g. `UX_Tile_SOR001_Backorders_For_Company.SQL`)

Deploying a standard tile

1. Select the **Design Web View** (or **Edit Web View**) option from the **Customize and control this application** icon.

    The **Customize and control this application** icon ( ) is available on the toolbar of the main SYSPRO window as well as on each toolbar of a SYSPRO program.
2. From the **Visual Designer** program, select the **Add layout section** function.
3. From the **Configure new layout section** window, select **Tile Section**.
4. Optionally enter a **Section title** at the **Widget title** placeholder and assign an icon to the tile if required.
5. Select the **Add section** function.
6.
    Click in the add tile block (designated by the icon).

    A list of KPI and Metric categories are displayed. The number of available insights are indicated by a number in brackets alongside each tile category.
7. Drill down into a category and select the tile you want to deploy.

    You can optionally choose the tile width, text and tile background color as well as assign an icon.
8. Select **Add tile** to assign the tile to the current layout section.

    Continue adding tiles to the current layout section or to a new layout section.

9. Select **Save and Exit**.

Your tile will be displayed in the Web View, immediately showing the appropriate Insight information.

Realized/unrealized ledger codes

Version	Issue	Port
7.0	001_SP1	029

Why was this done?

This is the foundation phase of an enhancement that will enable you to differentiate between realized and unrealized losses and gains. Currently, all gains and losses are written to the same ledger code.

This enhancement will be released in a future port .

What was done?

The **AP Currency Variance GL Interface** program allows you to define a **Realized variance ledger code** and an **Unrealized variance ledger code** (on the **AP Variance Interface Maintenance** pane).

The **AP Exchange Rate Revaluation** program writes any exchange rate variances to the **Unrealized variance ledger code**. At the time of payment, this variance is reversed and the realized variance will be calculated based on the original invoice rate. The calculated exchange rate variance will be written to the **Realized variance ledger code**.

The **AP Variance Interface Details** pane of the **AP Currency Variance GL Interface** program includes a **Realized variance** column and an **Unrealized variance** column (SQL only).

Where can I see the change?

Program/file	Description	Version
APSQL7	**AP Currency Variance Interface Listing**	006
IMPGL7	**AP Currency Variance GL Interface**	010
IMPSL7	**AP Currency Variance Interface**	001

Additional updates

The following additional updates were made to the software.

SYSPRO Espresso

Application Redirect

This allows third party applications (e.g. eCommerce sites) to customize how SYSPRO Espresso is launched. This caters for the need to redirect users to a specific SYSPRO Espresso application (e.g. Sales Orders) without having to navigate through the menu.

This is achieved using a URL parameter when navigating to Espresso, or from the Espresso configuration file (in which case all users are routed to a specific application in Espresso). Parameters can also be passed through to, for example, open a specific stock code or sales order, if required.

URL query parameters

When navigating to Espresso, query parameters can be passed in the URL to control the default behavior of Espresso (i.e. navigate to a specific application instead of the Espresso Menu. Parameters such as stock code and sales order can also be given).

```
http://localhost/SYSPRoEspresso/Logon/Logon?
ApplicationRedirect=Sales_Order_Entry
```

```
http://localhost/SYSPRoEspresso/Logon/Logon?
ApplicationRedirect=Inventory&SessionData={"StockCode":%20%20"B100"}
```

Configuration file

The `web.config` file (`inetpub\wwwroot\SYSPROEspresso`) includes new elements that allow you to indicate which application you want to open by default as well as a key field to open for that application.

- `<add key="applicationredirect" value="Supplier" />`
- `<add key="applicationredirectsessiondata" value="{"Supplier": "0000001"}" />`

Key	Description
applicationredirect	The entry at the `value` attribute redirects Espresso to a specific application each time a user logs in, instead of the normal logon screen. `<add key="applicationredirect" value="Supplier"/>`
applicationredirectsessiondata	This sets the Espresso session data when a user logs on (for every user). It can be used with the `applicationredirect` to open a specific field (e.g. supplier) when the relevant application is opened automatically. `<add key="applicationredirectsessiondata" value="{"Supplier": "0000001"}"/>` This cannot be configured at role level; it is applied system-wide to SYSPRO Espresso.

Add Previous and Next buttons

You can now add **Previous** and **Next** buttons to applications within SYSPRO Espresso. This can be configured from within SYSPRO Espresso itself or from within the desktop version of SYSPRO.

Adding from within SYSPRO Espresso

1. From within SYSPRO Espresso, open the application you want to configure.
2. Select the **Settings** icon for the application.
3. Select the **Manage Components** function.
4. From the **Design Mode** page, select **Add Component**.
5. Locate the **Previous Next Buttons** component.
6. Select the component and drag it to the required position.

Adding from within SYSPRO

1. Load the **Espresso Application Builder** program (**SYSPRO Programs** > **SYSPRO Espresso** > **Espresso Application Builder**).
2. From the **Applications** treeview, copy a standard application you want to configure.
3. Choose the copied application and select the **Add/Remove Components** toolbar function.
4. Locate the **Previous Next Buttons** row from the **Available Components** pane.
5. Tick the checkbox in the **Visible** column.
6. Save your selections and exit the program.

User Interface changes

A number of program screens and dialog boxes have been updated to use the new user interface controls:

Program	Description	Version
IMPGL6	**AR Currency Variance GL Interface**	006
MRPP14	**Export Forecasts**	006
IMPBOU	**SO Browse on Selling Price Unit of Measure**	006
IMPBBI	**Inventory Browse on Bins**	021
INVBSU	**Inventory Stock Code Unit of Measures**	003
INVPSC	**Stock Code Copy**	023
INVPAL	**Inventory Alternate Stock Codes**	018

SQL-optimization

A number of programs have been SQL-optimized.

Program	Description	Version
ARSQIP	**AR Stock Codes Purchased Query**	009
ASSQTJ	**Asset Transaction Journals**	006
TPMPM4	**Promotion Code**	031

List selection criterion was added to a number of programs

A **List** selection option has been added to a number of programs to improve the selection criteria filters.

Program	Description	Version
IMP041	**Document Print**	214
EFTQPD	**EFT Exported Payments Report by Batch**	009

Business object updates

The **SO Sales Order Valuation Query** business object was updated to cater for miscellaneous tax adjustment values as well allowing the entry of zero non-merchandise amounts.

FIFO costing method when calculating the Inventory control total

When you run the **GL Balance Inventory** report you can select the option to use the FIFO costing method when calculating the Inventory control total. This option is only available in a SQL environment and only if you are configured to use either FIFO or LIFO costing.

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* 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

The Technical Authoring team comprises: Freya Nell, Carol Hart, Monique MacNaught and Even Nesset. Send us your comments to help us improve the standard of our reference guides.

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