



Enhancements

SYSPRO 7 Update 1 | Port 020

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Produced by: SYSPRO Technical Authoring



SYSPRO Technical Authoring

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Port 020

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

Database upgrades (SQL only)

Version	Issue	Port
7.0	001_SP1	017

Why was this done?

This forms part of SYSPRO's scheduled database structure updates implemented from SYSPRO 7 Update 1 Port 005. This relates to SQL Server-based systems and was done in an effort to accelerate software development agility as some of the latest features required additional columns in existing tables and/or additional tables.



There are no changes to existing indexes, no data normalization and no changes to existing columns (such as renaming columns, changing data types, or changes to the actual data against each row).

What was done?

The following new columns and/or tables have been added:

Table	Column
WhmBinArea	
WhmBin	
WhmBinType	
WhmBinHoldReason	
ApIntegrationDet	UnRealizedForex
ArIntegrationDet	UnRealized Forex
InvWhControl	UseFixedBins

How is it deployed?

Company-specific update

In addition to the actual application software containing new features, the port may include the following additional files:

- Updated data dictionary (BASE\DD_701\DDS*.*)
- Upgrade SQL script (BASE\SCRIPTS_SYSPRO7_Update_701_?????.sql)

When you load SYSPRO as an administrator and select to install the port, these files will be unzipped and copied to their appropriate folders.

You will receive a message indicating that a minor database upgrade is going to be applied and you will be requested to exit SYSPRO and reload one of your companies.

The login process compares the required database version defined in the data dictionary (DBV= entry in DDSCTL.TXT) with the current version defined in the company's database (AdmVersion..DatabaseVersion, key = 'CTL').

If the required data dictionary version is higher than the current company's database version, then the SQL upgrade script is applied (specified by the `DBS=` entry in `DDSCTL.TXT`).

The script must be located in the `BASE\SCRIPTS` folder and will be run with the elevated administrative privileges specified (**System Setup > Database Tab > SQL Server system admin information**).

The SQL script silently adds new columns and tables as required and updates the database version in the `AdmVersion` table.

The script typically only takes a few seconds per company, but may take a few minutes in some cases. Please allow the update to complete.

You will not be allowed to load your company before the company's database version matches the required data dictionary version.

Once the current company has been updated, the system reads all other installed companies (by looking at the `ADMCTL` files in the `WORK` folder) and attempts to run the upgrade script against each company. A correctly-installed system should allow the database upgrades to complete against each company's database.

However, in some environments (e.g. a support, test or developer environment) you may have configured many companies in the past and perhaps dropped their databases (to save space or because they are no longer required). In this case the upgrade process will display a warning that the upgrade script could not be applied and the remaining companies will be processed.

If you know about these unused companies then this is not a problem. However, if you expected these companies to be valid live SYSPRO companies, then you could logout of the current company and attempt to load the suspect company so that the upgrade is applied.

Once logged into SYSPRO, the minor database upgrades have been applied and any new features can be configured as required.

System-wide update

When you load SYSPRO, it detects whether the version of the system-wide database (`SysproAdmin`) is up-to-date. If not up-to-date, it runs a SQL script (`BASE\SCRIPTS_SYSPRO7_Update_701_???_sys.sql`). The script silently adds new columns and tables as required, and updates the database version in the `AdmSysVersion` table.

Predictive search

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

There was a requirement to find key information quickly and easily.

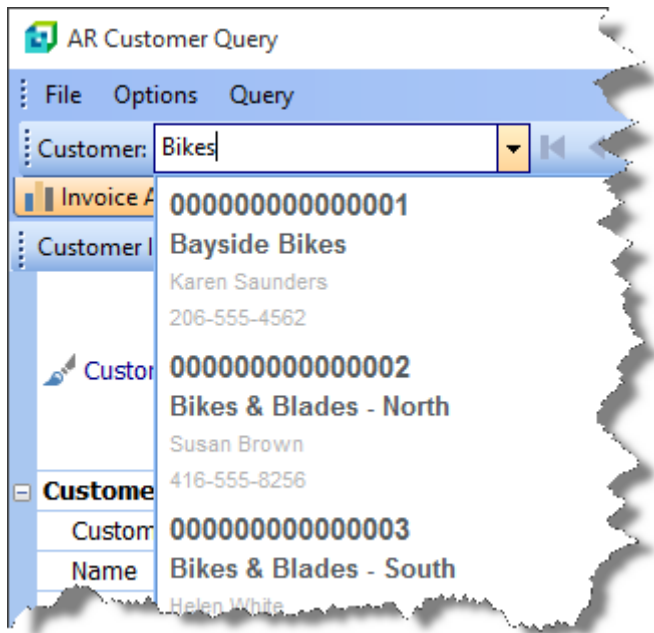
Currently you select the Search button when looking for a customer, stock code or supplier, and a listview is displayed with the results related to the key field.

What was done?

Predictive search functionality has been added that provides a fast and efficient way to find information linked to a key field.

The results from the predictive search are based on values entered in a field. The more data that is entered the more refined the search results list becomes.

For example you can search in the Customer field using a customer code, name or short name, and if the value entered is contained in any of these fields, they will be returned in the search results.

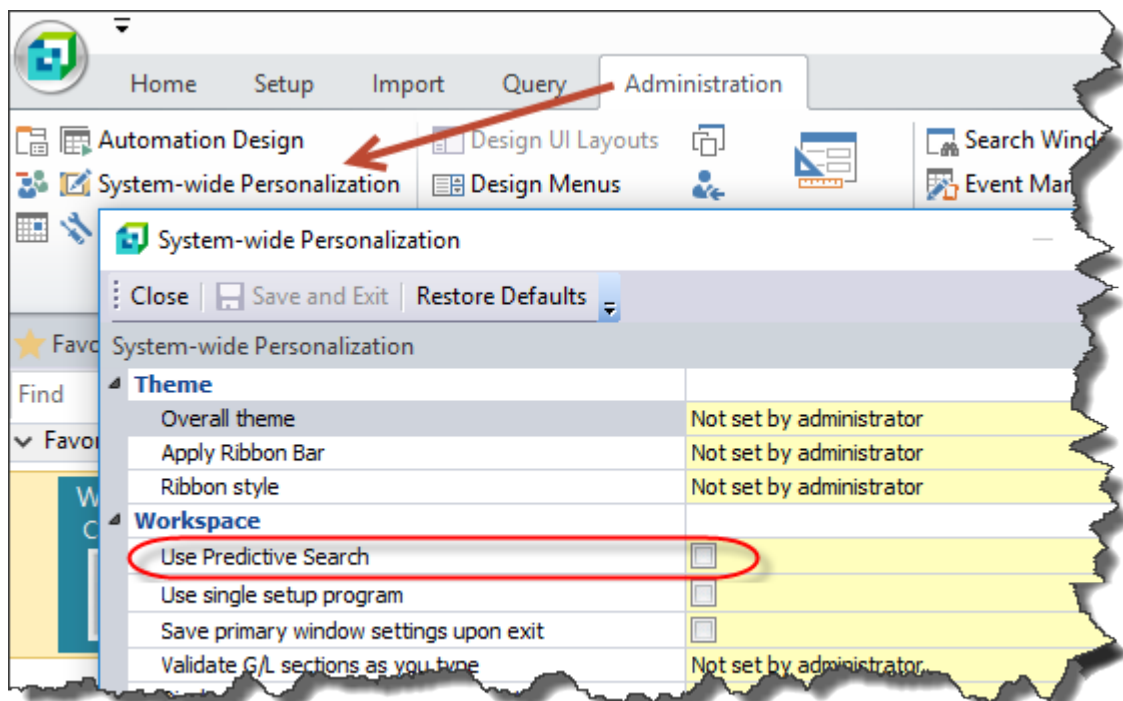


The search applies to any field where you can browse for information. There is also the facility to customize and configure the search to user preferences and needs.

Switching on the feature

Ensure that the SYSPRO e.net WCF Communications Service is installed.

1. Navigate to the **System-wide Personalization** program (**SYSPRO Ribbon bar > Administration > System-wide Personalization**).



2. Enable the **Use Predictive Search** option.
3. Navigate to the **System Setup** program and define the **e.Net Service Details**.
4. Define a search using key fields in the **Search Configuration** program (**Program List > SYSPRO Espresso > Espresso Search Configuration**). This can be used in both SYSPRO and Espresso.

Where can I see the change?

Program	Description	Version
ESPSRC	Search Configuration	000
ESPBKF	Espresso Key Fields Browse	002
IMPBP1	Admin General Graph Interface DSGRP32	096
IMPFRB	System-wide Personalization	026
IMPFR0	Admin Display/Entry/Custom Forms	199
IMP MEN	Admin Main SYSPRO Menu	181

New look enterprise search

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

There was a requirement to improve the look and feel of the enterprise search.

What was done?

The following has been added to the Enterprise Search:

- A more modern look
- A filter that allows you to refine the search results based on a specific category
- A floating header that always displays the current category as you scroll through the search results
- A Copy function against the search results

Where can I see the change?

Program	Description	Version
COMFGB	COM Generic Global Find	007
COMFND	COM Generic Find	042
ESPQRY	COM Espresso Retrieve Information	016

File	Version
SYSPROMA_SEARCH.DLL	005

Setup options consolidated into single program

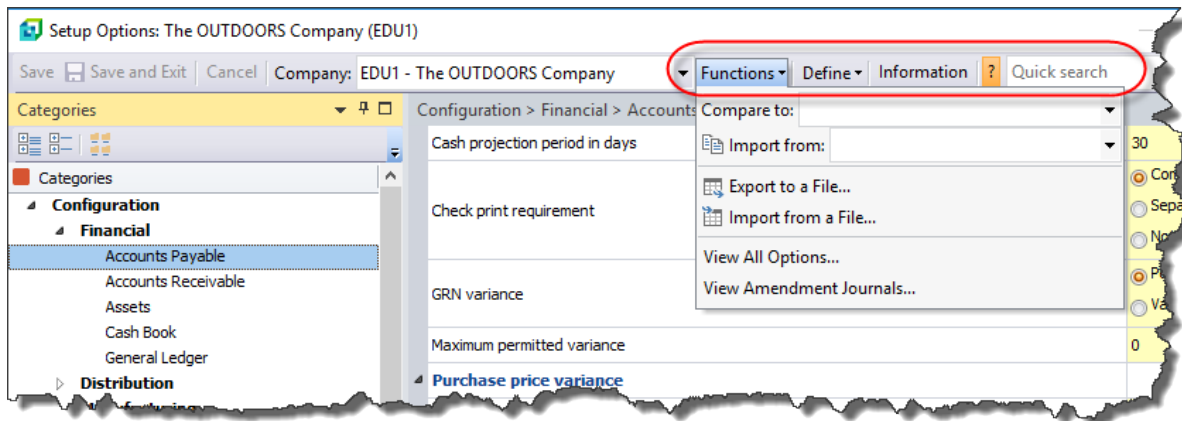
Version	Issue	Port
7.0	001_SP1	020

Why was this done?

There was a requirement to improve the functionality and user experience of the traditional module setup programs within SYSPRO (e.g. with more than 20 different setup programs and a large number of different tabs, it was sometimes hard to remember the exact location of a setup option).

What was done?

The module setup programs have been consolidated into a single setup program and include a number of functions ranging from a quick search; to company comparisons and a file import/export:



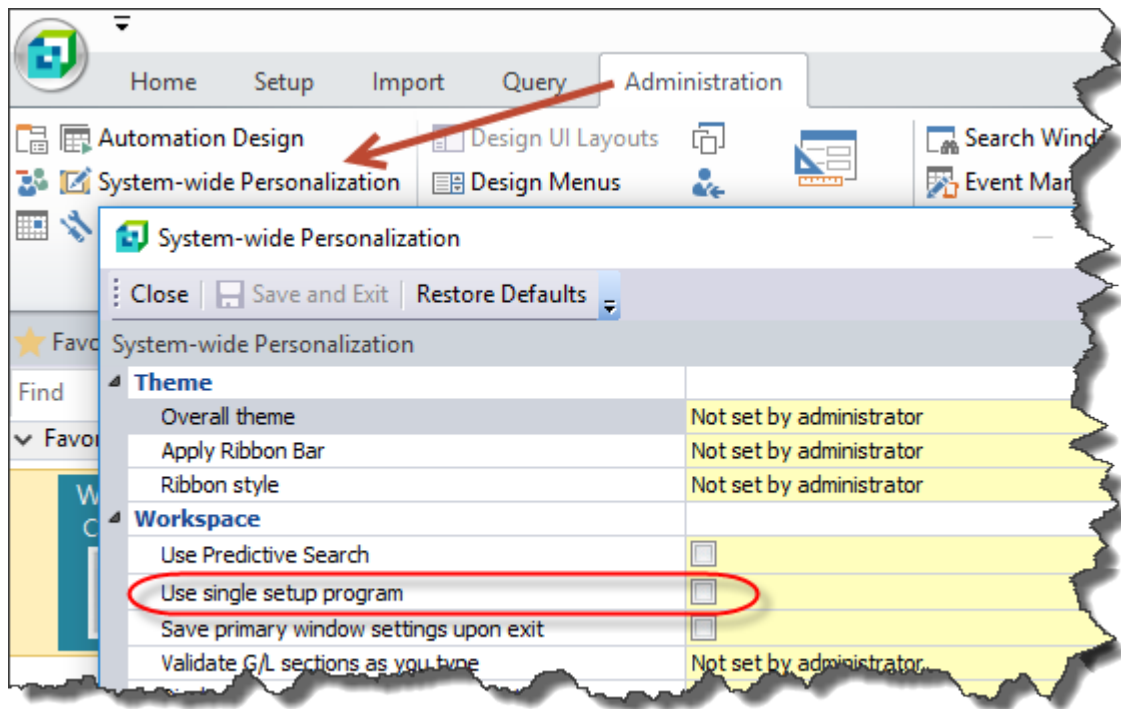
Field/Option	Description	
Functions	Function	Description
	Compare to	This lets you compare the setup options of two companies. You can elect to only view options that differ between the companies. You can also generate a print preview or produce a comparison report between the companies.
	Import from	This lets you import setup options from another company.
	Export to a File	This lets you export your setup option selections from the current company to a text file. This lets you tweak options as required and import the file into other companies.
	Import from a File	This lets you import setup options from a text file (typically generated by exporting options from another company).
	View All Options	This lets you view all the setup options for the current company. You can elect to show only options that have changed and can be filtered by module.
	View Amendment Journals	This lets you view and optionally print an audit trail of all

Field/Option	Description	
	Function	Description
		amendments made to your setup options. Information includes the date and time of the change, the before and after value, and the operator who made the change.
Define	Option	Description
	Period End Dates	This lets you set period end dates across all modules.
	Financial Year and Month	This lets you view and define the financial year and month for all your modules.
	Initial Contacts	This lets you create an initial contacts list for your company.
Information	This lists the next journal, group, entries and register numbers for your Financial modules.	
?	Toggle caption help for the program. If switching on caption help for the first time, you will need to navigate to a new form before the help text is visible.	
Quick search	This lets you search for specific setup options (useful if you don't know the form on which the option is located). The search dynamically matches entries as you type and when you click on an entry it navigates straight to the option on the relevant form.	
View Panes	Right-click in the header of the Category or Option pane to select this submenu option that includes a number of panes that you can select to show.	
	Panes	Description
	Categories pane	This pane shows the modules and options grouped into logical categories. The toolbar icons allow you to expand and collapse the categories for ease of viewing as well display the categories in module sequence.
	Options pane	This pane displays the setup options for whichever form is selected. The title of the pane changes accordingly.
	Additional panes	<ul style="list-style-type: none"> • Comparison Report • Company Period End Dates • Import Review • Resolve Conflicting Options • Financial Year and Month • Amendment Journals • Information • System Information from Export

Field/Option	Description	
	Panes	Description
		<ul style="list-style-type: none"> Resolve Conflicting Options


Switching on the feature

1. Navigate to the **System-wide Personalization** program (**SYSPRO Ribbon bar > Administration > System-wide Personalization**).



2. Enable the **Use single setup program** option and reload SYSPRO.

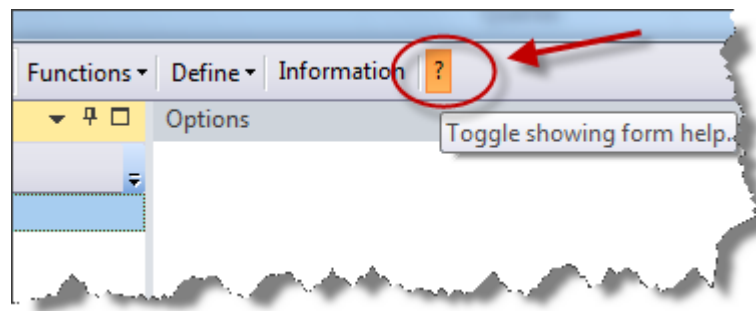
Once the functionality is enabled, you are routed to the new setup program whenever you select a setup program link from the **Ribbon bar** or the **Program List** pane.

 Switching off this functionality at any time reverts to the previous style of loading SYSPRO module setup programs (i.e. the previous setup programs are still available).

You can still run the previous programs manually from the **SYSPRO Quick Menu (SYSPRO Button > Run a Program Ctrl + R)**.

Since the two systems essentially use the same business objects, the integrity of changes you make using either method of navigation is not compromised.

3. Switch on the caption help facility by selecting the **Toggle showing form help** button (?) on the toolbar of the **Setup Options** program.



Getting help

The help for the program has been revamped to cater for a number of navigation preferences:

- Caption-level help

If you enable the **Toggle showing form help** button (?) then whenever you click on a field, the caption help for that field is displayed.
- Form-level help

Selecting the **Form Help** link from the caption pane displays all the fields for that form in a window. The form window can be resized and docked anywhere on the screen, or left floating. This lets you review all the fields for a form without having to click on each individual field to view the help documentation.
- Topic-level help

Selecting a topic link will display additional information about that topic in a window. The form window can be resized and docked anywhere on the screen, or left floating. Currently, there are only a few topics that have been compiled for publishing with the program. However, the number of topics will be increased substantially over time.
- Program-level help (i.e. F1)

The traditional F1 function will load the complete field help for the program and includes a link to a PDF file that consolidates all the setup options in one document.

Where can I see the change?

Program	Description	Version
IMPFCFG	Setup Options	000
IMPFR2	Admin VBScript Editor	092
IMPFRP	Form Design	016

Journal filter options

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

There was a requirement to always use the filter options when printing journals, regardless of the print status.

Currently the filter options are only available when the **Reprint** option has been selected.

What was done?

- All journals that match the filter criteria specified on the **Report Options** tab will be printed.
- The **Reprint** flag on the report will indicate if a journal has already been printed.

All journals (whether previously printed or not) are included in the report according to the report options indicated. The **Reprint** column on the report indicates whether the journal was previously printed.

- The **Reprint** function has been removed.

Where can I see the change?

Program	Description	Version
ARSQ15	AR Invoice Register	011
ARSQ21	AR Cash Journal Query	017
IMPQ11	Inventory Journal Report	018

File	Version
AR_CASH_JOURNAL_REPORT	004
AR_INVOICE_REGISTER	005
AR_INVOICE_REGISTER_OPT	001
INVENTORY_JOURNAL	004

New object for AP supplier to customer link

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications to add, update and delete the supplier to customer link in Accounts Payable.

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
APSSAR	AP Supplier to Customer Link	000

New object for AR customer narrations

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications to add, update and delete AR customer notes.

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
ARSSNA	AR Customer Narration Setup	000

New object for tax effective rates

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

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

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
IMPSTH	Tax Effective Rates Maintenance	000

New objects for asset capex items and lines

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications to add, update and delete asset capex items and asset capex lines.

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
ASSSHM	Asset Capex Item Maintenance	000
ASSSLM	Asset Capex Line Maintenance	000

Updated SYSPRO Office Integration installation

Version	Issue	Port
7.0	001_SP1	020

Why was this done?

There was a requirement to support SYSPRO Office Integration for Microsoft Office 2016.

What was done?

The SYSPRO Office Integration installation has been updated and now includes installations for:

- Microsoft Office 2010 for Outlook, Word, Excel
- Microsoft Office 2013 for Outlook, Word, Excel
- Microsoft Office 2016 for Outlook, Word, Excel

Where can I see the change?

File	Version
SYSPRO_OFFICE_INTEGRATION.EXE	001

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: Even Nasset, Natalie Le Roux, Carol Hart and Monique MacNaught. 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.