



# Enhancements

## SYSPRO 7 Update 1 | Port 022

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Produced by: SYSPRO Technical Authoring



## SYSPRO Technical Authoring

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## Port 022

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	022

#### 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
AdmTaxExt	
ApSupplierExt	
ARBalanceCor	
SaleBranchExt	
ArTaxSuspDetail (used by SQL Server systems)	
ArTaxSuspHeader (used by SQL Server systems)	
GenJournalRef (used by SQL Server systems)	

#### 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.

## AR adjustments for customers on hold and new custom forms

Version	Issue	Port
7.0	001_SP1	022

### Why was this done?

There was a requirement to add custom form fields, and enable adjustments to be posted to customers on hold in the **AR Payments and Adjustments** program.

Currently adjustments cannot be posted for customers on hold without an error message appearing when performing this transaction.

### What was done?

The following improvements have been made to the **AR Payments and Adjustments** program:

- An **AR Adjustments Custom Field** pane has been added from where you can add custom form fields for adjustment type transactions.
- Adjustments can be posted to customers on hold.

This transaction can be secured using the **AR Adjustment Posted** eSignature.

## Where can I see the change?

Program	Description	Version
ARSPAY	AR Payment And Adjustments	046
ARSTPY	AR Payment And Adjustments	054

  

File	Version
IMPCFM.IMP	062

## Fixed bin locations

Version	Issue	Port
7.0	001_SP1	022

## Why was this done?

This is the first phase in the project to implement a warehouse management system in SYSPRO.



Currently, all details captured for **Fixed bin locations** are only for informational purposes and will be applied when the next phase of the project is released.

## What was done?

- There's a new **Fixed bins** Inventory setup option that allows you to indicate that you want to use fixed bin locations at warehouse level.  
This requires a bin to exist in the newly-created `InvMultBin` table before you can transact against it. This feature is only available in a SQL environment and if the **Multiple bins** option is enabled.  
Initially, all warehouses that use multiple bins will be flagged as fixed bin warehouses. Use the **Show Warehouses** function to switch off this facility selectively for individual warehouses.
- The **Browse on Warehouse Areas** and **Browse on Warehouse Bins** programs let you view details of warehouse areas and warehouse bins that are currently defined.
- The **Warehouse Areas** program lets you capture and maintain details of warehouse areas required within the system.
- The **Warehouse Bins** program lets you capture and maintain details of warehouse bins required within the system.
- The **Bin Types** program lets you capture and maintain details of the types of bins in your warehouse.
- The **Bin on Hold Reason Codes** program lets you maintain details of why a bin has been placed on hold.
- The **Warehouse Maintenance** program includes a new **Fixed bins in use** field that indicates whether a warehouse is configured to use the fixed bins facility.

## Where can I see the change?

Program	Description	Version
IMP010	<b>Inventory Movements</b>	182
IMP01B	<b>Job Receipts</b>	111
IMPBWH	<b>Browse on Warehouses</b>	048

Program	Description	Version
IMPINV	<b>Inventory Setup</b>	060
IMPPLS	<b>Lots Bins Serials Posting</b>	030
INTP30	<b>Interface Import</b>	026
INVBWA	<b>Browse on Warehouse Areas</b>	000
INVBWB	<b>Browse on Warehouse Bins</b>	000
INVP63	<b>Inventory Stock Take Capture</b>	053
INVPBH	<b>Bin on Hold Reason Codes</b>	000
INVPBI	<b>Inventory Bin Maintenance</b>	009
INVPBW	<b>Warehouse Bins</b>	000
INVPWA	<b>Warehouse Areas</b>	000
INVPWB	<b>Conversion of Multiple Bins</b>	006
INVPWH	<b>Warehouse Maintenance</b>	036
INVPWS	<b>Warehouse Maintenance for Stock Code</b>	026
INVPWT	<b>Bin Types</b>	000
INVQSO	<b>Query Inventory Company Setup Options</b>	007
INVSBI	<b>Bin Maintenance</b>	003
INVSLT	<b>Lot Maintenance</b>	006
INVSWS	<b>Inventory Stock/Warehouse Maintenance</b>	024
INVTBF	<b>Inventory Movements (Backflushing)</b>	046
INVTMA	<b>Inventory Movements (Adjust/Physical)</b>	050
INVTMB	<b>Inventory Movements (Bin Transfers)</b>	028
INVTME	<b>Inventory Movements (Expense Issues)</b>	047
INVTMI	<b>Inventory Movements (WH Transfers IN)</b>	037
INVTMN	<b>Inventory Movements (GIT Wh Transfers IN)</b>	056
INVTMO	<b>Inventory Movements (WH Transfers OUT/IN)</b>	061
INVTMR	<b>Inventory Movements (Receipts)</b>	052
INVTMT	<b>Inventory Movements (GIT WH Transfers OUT)</b>	040
INVTSC	<b>Inventory Stock Take Import</b>	035
INVTSO	<b>Post Inventory Company Setup Options</b>	011
INVTWB	<b>Inventory Warehouse Bins Conversion</b>	000
INVUWB	<b>Warehouse Bin Validation Utility</b>	000
SORTCW	<b>SO Change Warehouse on SO Line</b>	010
WHMSBA	<b>Bin Area Maintenance</b>	000
WHMSBN	<b>Bin Maintenance</b>	000
WHMSBR	<b>Bin On Hold Reason Codes Maintenance</b>	000
WHMSBY	<b>Bin Type Maintenance</b>	000
WIPJRI	<b>WIP Job Receipts Import</b>	016



Program	Description	Version
WIPTAI	<b>WIP Inspection Accept into Stock</b>	050
WIPTJR	<b>Job Receipts</b>	062
WIPTMI	<b>WIP Job Specific Issues</b>	070

File	Version
BROWSE05.XML	013
IMPMOD.IMP	007
IMPTYP.IMP	013
INV_LIST_OF_BINS	000

## Journal filter options

Version	Issue	Port
7.0	001_SP1	022

### 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
WIPQ50	WIP Part Billing Distribution Query	009

File	Version
WIP_PART_BILLINGS_DISTRIBUTION	003

## Accounts Payable balance function

Version	Issue	Port
7.0	001_SP1	022



## Why was this done?

There was a requirement for the **AP Period End** program to have separate functions for balancing and period end routines.

## What was done?

- The **Balance** function no longer runs when performing a **Month end** in the **AP Period End** program
- A new business object has been created to run the balance function.

## 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
APSP01	AP Period End	047
APST01	AP Balance Function	000

# Appendix

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## Additional resources

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### 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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### 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.



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