

Reduced File System Usage

SYSPRO 8 Technical Article

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SYSPRO Help and Reference

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Introduction

In SYSPRO 8, most data and configuration information is stored within Microsoft SQL Server.

We are on a journey to reduce file system persistence to a minimum, using SQL Server to store all data and configuration information.

This means that customers migrating from earlier versions of SYSPRO will have all data stored in their \DATA folder, and most from their \WORK folder, uploaded to SQL Server during the upgrade to SYSPRO 8.

During 2020 and 2021, some of the SYSPRO 8 releases have further reduced file system persistence, sometimes optional and other times mandatory. Therefore, the purpose of this document is to provide a guide on the following:

- File categories that have been migrated to SQL Server from the file system.
- In which release the data was migrated.
- Whether the data migration was optional or mandatory.
For optional items a separate topic summarizes how to initiate the migration process.

The [SYSPRO Help website](#) contains additional Technical Articles that discuss the SYSPRO Database Architecture, how the MRP requirements calculation uses the temporary scratchpad and a topic about ISAM and temporary files in SYSPRO 8.

Note: This document relates to SYSPRO 8. However, in **SYSPRO Cloud ERP** environments there are no files persisted to the file system – all items can be considered Mandatory and there is nothing for an end-user to do.

Categories of data uploaded to SQL Server

SYSPRO 8 2021 R2 – SEPTEMBER 2021 (PLANNED)

At the time this document was authored the following two categories were planned for 2021 R2. As with all future developments, this is subject to change. If this is important to you, please review this document closer to the 2021 R2 General Availability release.

TBD means To Be Decided.

VBSSCRIPTS

- Original location: **WORK\VBScripts**
- SQL Server table(s):
 - **Systemdb.TBD**
- Mandatory or optional: **TBD**

DOCUMENT ARCHIVE

- Original location: **WORK\SRS_????**
- SQL Server table(s):
 - **Systemdb.TBD**
- Mandatory or optional: **TBD**

SYSPRO 8 2021 R1 – MARCH 2021

DIAGNOSTIC DATA

- Original location: **BASE\Settings**
- SQL Server table(s):
 - **Systemdb.AdmDiagSummary**
 - **Systemdb.AdmDiagDetail**
 - **Systemdb.AdmDiagBlackBox**
- Files uploaded are retained at: **WORK\Diagnostics\Backup**
- Mandatory or optional: **Mandatory**

RICH TEXT NOTES

- Original location: **WORK\notes**
- SQL Server table(s):
 - **Systemdb.AdmNotepadData**
- Mandatory or optional: **Optional**

CONTACT MANAGEMENT ACTIVITIES AND ATTACHMENTS

- Original location: **WORK\CRM_????** (where **????** is the company id)
- SQL Server table(s):
 - **Companydb.CrmActAttachData**
 - **Companydb.CrmActBodyData**
- Mandatory or optional: **Optional**

SYSPRO 8 2020 R2 – SEPTEMBER 2020

USER INTERFACE PREFERENCES AND SETTINGS

- Original location: **BASE\Settings**
- SQL Server table(s):
 - **Systemdb.SrsSettings**
- Mandatory or optional: **Optional**

CUSTOMIZED REPORTS

- Original location: **BASE\ReportingCustomized**
- SQL Server table(s):
 - **Systemdb.SrsReporting**
- Mandatory or optional: **Mandatory**

REPORT ARCHIVES

- Original location: **BASE\ReportArchive**
- SQL Server table(s):
 - **Systemdb.SrsReportArchive**
- Mandatory or optional: **Mandatory**
 - Option to defer during update process
 - Must be migrated before accessing archived reports

CUSTOMIZED DOCUMENTS

- Original location: **BASE\ReportingCustomized**
- SQL Server table(s):
 - **Systemdb.SrsDocArchiveSel**
 - **Systemdb.SrsDocHistory**
 - **Systemdb.SrsDocPrinters**
 - **Systemdb.SrsDocDocumentType**
 - **Systemdb.SrsDocDocuments**
- SQL Server table where Templates are stored:
 - **Systemdb.SrsReporting**
- Mandatory or optional: **Mandatory**

SYSPRO 8 2020 R1 – MARCH 2020

REQUIREMENTS PLANNING SNAPSHOT AND SCRATCHPAD DATA

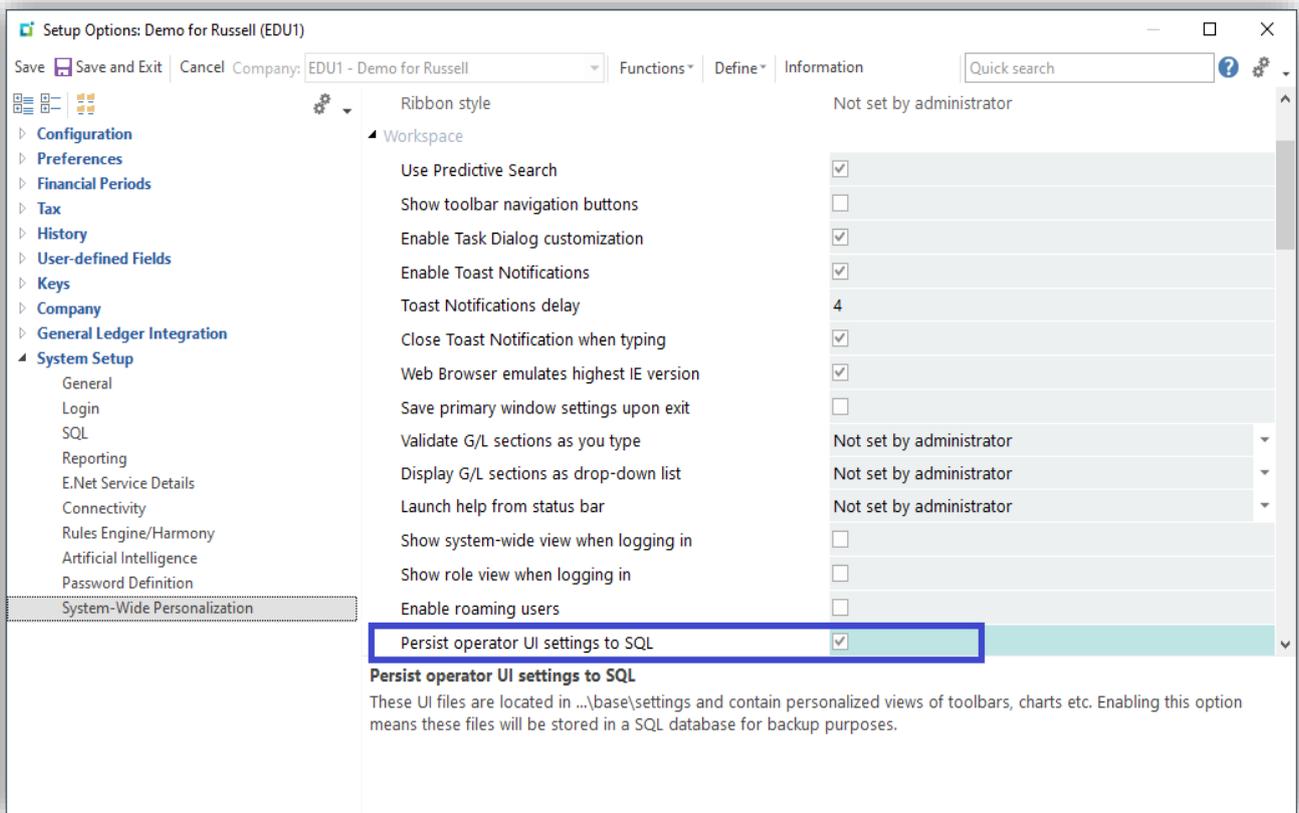
- Original location: **SNAPSHOT** (user defined)
- SQL Server table(s):
 - **Companydb.Mrp***
- Mandatory or optional: **Optional**

How to migrate optional files

USER INTERFACE PREFERENCES AND SETTINGS

If you wish to persist your user interface preferences and settings in SQL Server:

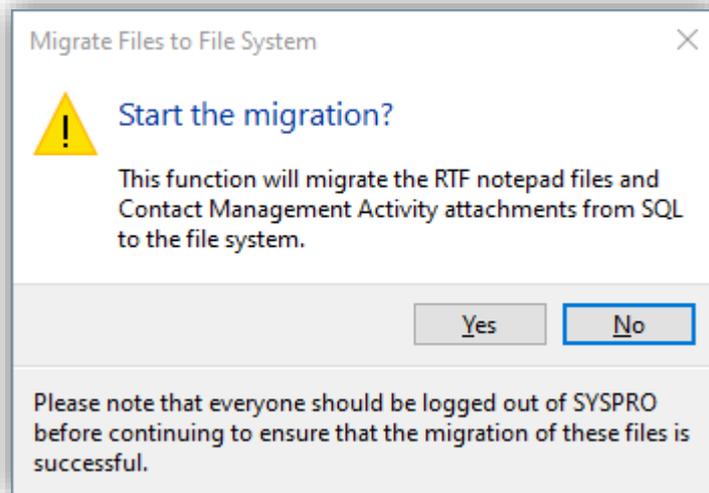
1. Select **Setup Options** from the **Setup** tab of the main menu ribbon bar.
2. Navigate to **System Setup > System-Wide Personalization**.
3. Enable the **Persist operator UI settings to SQL** option:



RICH TEXT NOTES AND CONTACT MANAGEMENT ACTIVITIES

If you wish to persist your Rich Text notes and Contact Management Activities and attachments to SQL Server:

1. Select **Setup Options** from the **Setup** tab of the main menu ribbon bar.
2. Navigate to the **Functions** drop down menu on the toolbar.
3. Select the **Migrate Files to SQL** option.
You will then be prompted to confirm the migration process:

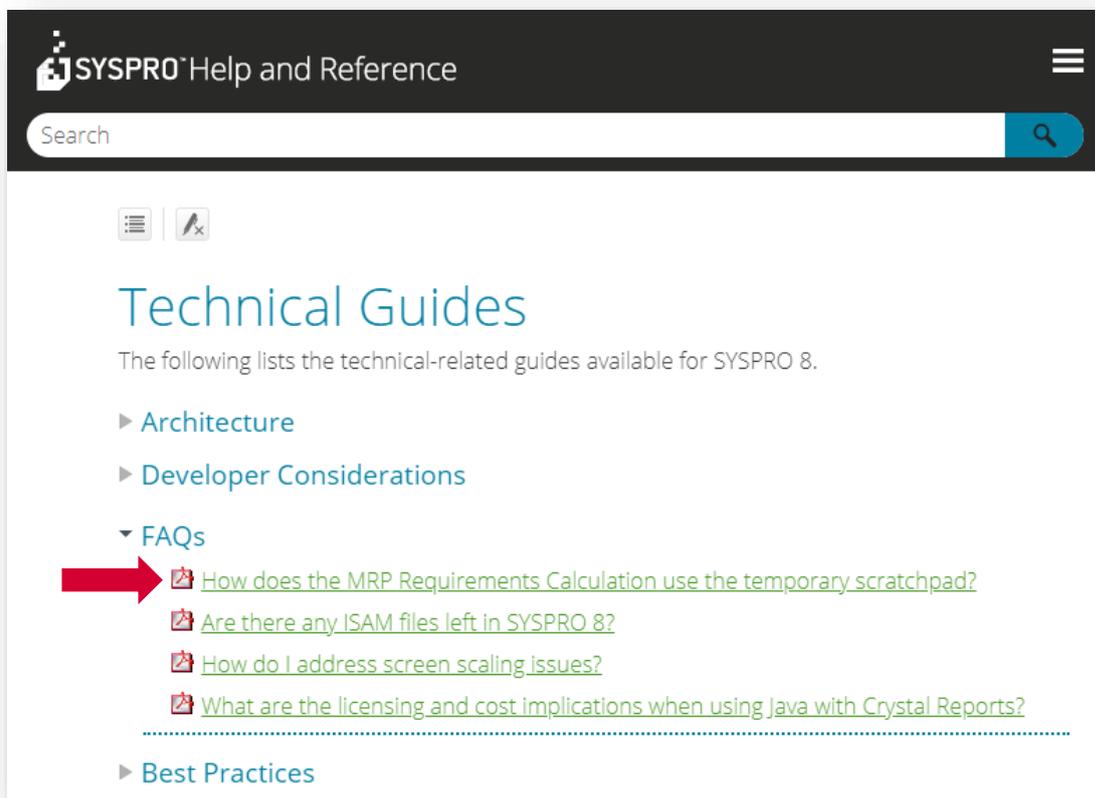


REQUIREMENTS PLANNING SNAPSHOT AND SCRATCHPAD DATA

To use SQL Server for all working data, deselect the **'Run calculation in legacy mode'** option when running the **Requirements Calculation** program.

See the following document for considerations and additional information:

SYSPRO Help > Resources > Technical Guides > FAQs > How does the MRP Requirements Calculation use the temporary scratchpad?





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