SYSPRO 8 Pre-installation - First Time Install

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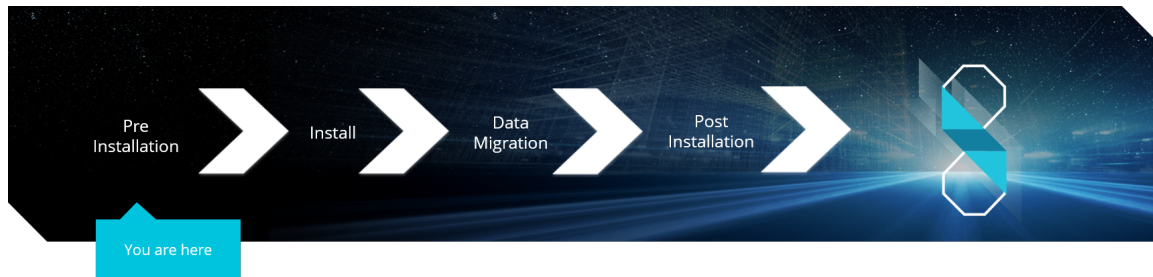
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SYSPRO 8 First Time Installation

Audience: You are a new SYSPRO user and are about to install SYSPRO 8.

SYSPRO 8 is a web-based, Cloud-first ERP solution designed to add significant value, flexibility, control and visibility of operations for manufacturing and distribution companies.

With the integration of a number of powerful new features, including a web-based version of SYSPRO, social media as a collaboration tool and a host of the hottest new IT capabilities - the benefits of SYSPRO 8 to business are virtually infinite.

Therefore, you are about to install a best-of-breed, fully-integrated software solution that will assist you in managing your supply chain business processes (from internal planning, analysis and reporting, management and control, execution and operations to external integration).

Installation Types

There are a number of installation permutations that you can use. Some of the common scenarios include:

Type	Description and considerations
Standalone installation	The following is all installed on the same machine: • SYSPRO Application Server software • Microsoft SQL Server software • Data • Client screens This type of installation is typically used for demonstration and / or development purposes.
2-tier installation: **Client / Server**	The SYSPRO client software resides on each client machine. The following all reside on the server: • SYSPRO Application Server software • Microsoft SQL Server software • Data • SYSPRO Communications Service (allowing clients to connect)
3-tier installation: **Client / Server**	The SYSPRO client software resides on each client machine. The SYSPRO Application Server software resides on the dedicated SYSPRO server, together with the SYSPRO Communications Service (allowing clients to connect). Microsoft SQL Server software and data reside on the dedicated database server. All credentials in this environment must be SQL Server Authentication. Windows Authentication is unable to move credentials across two levels of architecture (i.e. client to server and then server to database server).
Terminal Server installation	There are various configurations that could be used for a Terminal Server environment: • It could act as a dedicated server. Instead of running the SYSPRO client software, you would run the standalone SYSPRO shortcut. • It could act as a dedicated client machine where the SYSPRO client software is installed. The application may be published under terminal server providing a SYSPRO icon to each user's workstation. Clicking the icon runs the SYSPRO client. • It could host both the client and server portions of the SYSPRO Software on the same machine. This provides a lockdown method of the SYSPRO Working and Data Files, giving users access via the client side software only.

System Requirements

Please ensure that you have reviewed and met the following system requirements before proceeding with your SYSPRO 8 journey.

Minimum supported software

- **Microsoft .NET Framework 4.6**

- **Windows Installer 5.0**

  This results in all machines having the latest Windows updates, particularly Windows Server 2008 R2.

- **Microsoft SQL Server 2008 R2** onwards

  Microsoft SQL Server Home edition is not supported.

- **Microsoft PIAs**

  Microsoft's Office Primary Interop Assemblies allow SYSPRO to integrate with line-of-business applications, such as **Word**, **Excel** and **Outlook**. And coupled with **SYSPRO Office Integration** you can surface SYSPRO data inside **Word** and **Excel**.

  Microsoft Outlook PIA's are required if you intend using the SYSPRO Email Client.

- **Java runtime**

  This is required if you use client-side printing.

- **Microsoft IIS** (Internet Information Services) Version 6 onwards

- **Microsoft Windows 7 SP1** onwards (64bit)

- **Microsoft Windows Server 2008 R2** onwards (64bit)

- **Microsoft Office 2010** onwards (32bit)

  SYSPRO 8 integrates to the Microsoft Office suite, and both variants of Microsoft Office 365 (locally installed and cloud version) are supported as standard.

Hardware requirements

For information relating to hardware requirements for running SYSPRO 8, please refer to the **SYSPRO 8 System Requirements - Technical Specification** guide available on the InfoZone.

Pre-installation Checks

As part of your preparation for installing SYSPRO 8, please ensure the following:

1. Ensure that you have access to a SQL Server Administrative user name and password (e.g..`'sa'`).

    This user must have the following administrative permissions enabled:

    ◦ Create and Drop entities (such as databases, tables, columns, etc.) for all SYSPRO databases

    ◦ Issue BULK INSERT statement

2. Ensure that you have access to administrative privileges for all servers upon which you will be installing SYSPRO 8 and its components.

3. Confirm you have a valid SYSPRO license:

    Ensure that you have valid licenses for the software you will be installing. In particular, ensure that your new SYSPRO 8 license is valid for the modules you will be using.

4. Verify third party products to ensure that the product or application is available and compatible with SYSPRO 8.

    In addition, ensure that you have the appropriate installation and licensing information required (particularly relating to SYSPRO 8).

Next Process Step

You have begun your journey to the infinite benefits of SYSPRO 8. The next step is to install SYSPRO 8 together with the required software components.

Further Information

Installation Reference Guides

To make your journey to achieving the infinite benefits of SYSPRO 8 as simple as possible, please refer to the following guides:

1. **SYSPRO 8 Pre-installation - Upgrade** (A pre-installation guide for **existing** SYSPRO 7 update 1 users)

2. **SYSPRO 8 Pre-installation - First Time Install** (A pre-installation guide for **new** SYSPRO 8 users)

3. **SYSPRO Installer**

4. **SYSPRO 8 Data Migration**

5. **SYSPRO 8 Post Installation**

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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