

# Pre-installation: New

SYSPRO 8

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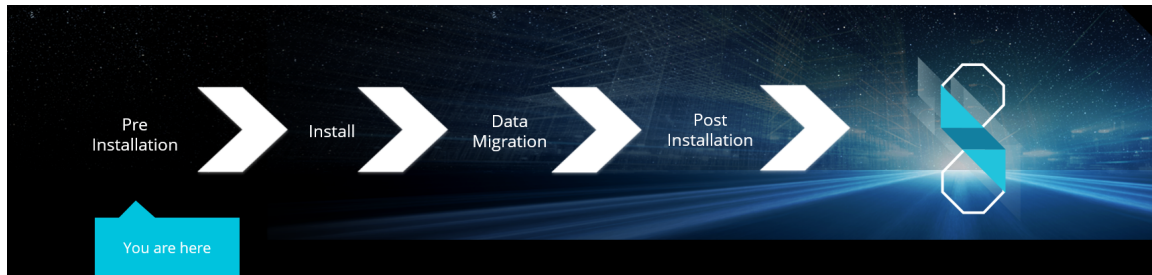
## Pre-installation: New

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# Pre-installation: New

## Exploring


Where does it fit in?




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

### Installation Types

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

Type of installation	Description
Standalone installation	<p>The following is installed on the same machine:</p> <ul style="list-style-type: none"><li>■ SYSPRO Application Server software</li><li>■ Microsoft SQL Server software</li><li>■ Data Client screens</li></ul> <p> This type of installation is typically used for demonstration and/or development purposes.</p>
2-tier installation: Client/Server	<p>The SYSPRO client software resides on each client machine. The following reside on the server:</p> <ul style="list-style-type: none"><li>■ SYSPRO Application Server software</li><li>■ Microsoft SQL Server software</li><li>■ Data</li><li>■ SYSPRO Communications Service (allowing clients to connect)</li></ul>



Type of installation	Description
3-tier installation: Client/Server	<p>The SYSPRO client software resides on each client machine.</p> <p>The SYSPRO Application Server software resides on the dedicated SYSPRO server, together with the SYSPRO Communications Service (allowing clients to connect).</p> <p>Microsoft SQL Server software and data reside on the dedicated database server.</p> <p> All credentials in this environment must be SQL Server Authentication.</p> <p>Windows Authentication is unable to move credentials across two levels of architecture (i.e. client to server and then server to database server).</p>
Terminal Server installation	<p>There are various configurations that could be used for a Terminal Server environment:</p> <ul style="list-style-type: none"><li>■ It could act as a dedicated server. Instead of running the SYSPRO client software, you would run the standalone SYSPRO shortcut.</li><li>■ 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.</li><li>■ 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.</li></ul>



# Starting


## Prerequisites

### System Requirements

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 PIAs**

Microsoft's Office Primary Interop Assemblies allow SYSPRO to integrate with line-of-business applications, such as **Word**, **Excel** and **Outlook**.


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 (64-bit)
- **Microsoft Windows Server 2008 R2** onwards (64-bit)
- **Microsoft Office 2010** onwards (32-bit)

 **SYSPRO 8** integrates to the Microsoft Office suite, and both variants of Microsoft Office 365 (locally-installed and cloud-based) 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.



# Using

## Pre-installation Checks

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

Step	Description
1.	<p>Ensure that you have access to a SQL Server Administrative user name and password (e.g. 'sa').</p> <p>This user must have the following administrative permissions enabled:</p> <ul style="list-style-type: none"><li>■ Create and Drop entities (such as databases, tables, columns, etc.) for all SYSPRO databases.</li><li>■ Issue BULK INSERT statements.</li></ul>
2.	<p>Ensure that you have access to administrative privileges for all servers to which you will be installing <b>SYSPRO 8</b> and its components.</p>
3.	<p>Confirm you have a valid SYSPRO license:</p> <p>Ensure that you have valid licenses for the software you will be installing. In particular, ensure that your new <b>SYSPRO 8</b> license is valid for the modules you will be using.</p>
4.	<p>Verify third party products to ensure that the product or application is available and compatible with <b>SYSPRO 8</b>.</p> <p>In addition, ensure that you have the appropriate installation and licensing information required (particularly relating to <b>SYSPRO 8</b>).</p>

## Where to from here?

- Your next step is to install **SYSPRO 8** together with the required software components.



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