

## SAS<sup>®</sup> Integration Technologies Client 9.23

### Software Requirements

***Important:** Administrator privilege is required to install various system updates. To ensure that SAS Integration Technologies Client can be completely and safely installed, it is required that the installer have administrator privilege.*

### **File System Recommendations**

NTFS is recommended.

### **Windows Versions**

#### **Windows Server 2003**

SAS Integration Technologies Client is supported on Windows Server 2003 updated with Service Pack 2.

#### **Windows XP**

SAS Integration Technologies Client is supported on Windows XP updated with Service Pack 2.

#### **Windows Vista**

SAS Integration Technologies Client is supported on Windows Vista Enterprise Edition and Windows Vista Business Edition.

#### **Windows Server 2008**

SAS Integration Technologies Client is supported on Windows Server 2008.

#### **Windows 7**

SAS Integration Technologies Client is supported on all versions of Windows 7.

### **Prerequisite Windows Software**

The following Windows software must be installed before you begin installing SAS Integration Technologies Client. These products are available from the Microsoft Web site.

- Microsoft Windows Installer 3.0
- Microsoft .NET Framework 2.0

- Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package ATL Security Update (version 8.0.50727.4053)

Users downloading the x64 version of SAS Integration Technologies Client need to install both the x86 and x64 versions of Microsoft Visual C++ 2005 Service Pack 1.

## Hardware Requirements

Intel or Intel-compatible Pentium class processor, with a minimum of 1 GB of memory (2 GB or more recommended).

## Space Requirements

In addition to the space used by the System Requirements Wizard, the SAS Integrations Technologies Client requires 13.7 MB for 32-bit operating systems and 27.4 MB for 64-bit operating systems.

## Connecting to Remote SAS Servers via IOM Bridge for COM

IOM Bridge for COM requires the installation of Microsoft's TCP/IP networking protocol, which is provided with all supported versions of Windows.

## Product Requirements for the SAS Server

SAS Integration Technologies Client is compatible with all releases of Version 8.2 and higher of the SAS System. However, certain features of SAS Integration Technologies Client are only available when used with later releases of the SAS System. For example, you can create and run stored processes only using SAS 9.1 or later.

If you have written custom code that uses the ObjectManager to read metadata, you may need to modify your code to use the new 9.2 metadata server. To read metadata from a SAS 9.2 Metadata Server, you must use the IObjectFactory2 interface instead of the IObjectFactory interface.

The SAS Integration Technologies Client includes two different versions of the Integration Technologies Configuration Utility: `itconfig.exe` and `itconfig2.exe`. `itconfig2.exe` is newer and is used to define the default metadata server for applications using the 9.2 version of the SAS Metadata Server. `itconfig.exe` is the same as what was shipped with previous versions of SAS and is used to define the connection to the previous versions of the SAS Metadata Server. The **Start** menu item points to `itconfig2.exe`. To launch `itconfig.exe`, you can use a cmd prompt. By default, `itconfig.exe` is located at `C:\Program Files\SAS\Shared Files\Integration Technologies\itconfig.exe`.

## Installing SAS Integration Technologies Client 9.23

Before performing the following steps, users should ensure they are logged in as an administrator.

1. Unpack the download package to a location that is accessible from where you want to install the software. Do not put the download package in an existing SAS Software Depot or in the directory where you want to install. Doing so will cause the SAS Software Depot and SAS Deployment Wizard to work incorrectly. You must put the download package in its own directory/folder.
2. To start the SAS Deployment Wizard, double-click the `setup.exe` at the location the files have been unpacked in. The **Choose Language** page opens. Choose the language in which you want to perform the installation of your downloaded software. Click **OK**. Note that users who have already installed SAS software using the SAS Deployment Wizard will not see this page.
3. The **Specify SAS Home** page opens. Enter the location you want to install your software in the text field, or use the **Browse** button to search for a location. When the correct location is in the text field, click **Next** to continue. Note that users who have already installed SAS software using the SAS Deployment Wizard will not see this page.
4. The **Select Products to Install** page opens. Ensure the checkbox beside every product in the list is checked. If you click the **Info** icon, you will be directed to documentation about the software you have downloaded. The pertinent parts of that documentation are repeated in the "Prerequisites" section above.

When each checkbox has been checked, click **Next** to continue.

5. The **Deployment Summary** page opens. Click **Start** to begin the installation.
6. The **Deployment in Progress** page opens, indicating that the installation is taking place. When the installation is complete, click **Next**.
7. The **Additional Resources** page opens, listing a number of online resources should you run into difficulty. Use **Print** to make a copy of this information for future use. Click **Finish** to close the SAS Deployment Wizard.

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