Machine Edition - System Requirements   Version 7.00 SIMs

SIMs are cumulative

Component	Requirements
Development Environment	**Operating System**

Machine Edition Product	Windows 7[a]	Windows Vista[b]	Windows XP[c]	Windows 2000[d]
Logic Developer - PC				
View				[e]
Logic Developer - PLC				
Logic Developer - State				
Motion Developer				

Notes

a. 32-bit or 64-bit variations of the following: Windows 7 Ultimate, Windows 7 Enterprise, or Windows 7 Professional. For more information, click the Release Notes tab.

b. Windows Vista Enterprise, Windows Vista Enterprise SP1 or SP2, Windows Vista Business, or Windows Vista Business SP1 or SP2 - all in 32-bit form. Logic Developer - PLC also supports 64-bit Windows Vista. You must be part of the Administrators group. For more information: On Machine Edition's Help menu, click Search. In the Search window that appears, search for "Windows Vista: Caveats" (USE THE QUOTATION MARKS).

c. **Supported:** Windows XP Professional SP2 and SP3. You must be part of the PowerUsers group or the Administrators group.
Not supported: Windows XP Tablet PC Edition and Windows XP Embedded.

d. Windows 2000 Professional SP4. You must be part of the PowerUsers group or the Administrators group.

e. View requires Windows 2000 Professional SP4 Rollup 1.

f. Windows regional settings must be set to English.

Processor speed and memory

- Minimum: 1 GHz Pentium-based processor with 256 MB RAM
- Recommended: 2 GHz Pentium-based processor with 512 MB RAM
- Recommended for View if you execute View Runtime sessions in Data Logging Windows with a 500 ms data update or faster: 2 GHz Pentium-based processor with 2 GB of RAM
- Recommended for Logic Developer - PLC: 2 GHz Pentium-based processor with 2 GB of RAM. For Logic Developer - PLC projects with more than 1024 Hardware Configuration (HWC) modules, we recommend that you add another 2 GB of RAM.
- For projects with more than 75,000 variables or variable elements, adding another 2 GB of RAM is *strongly* recommended.
- Example: If a project has 100,000 variables and 1800 HWC modules, use at least 6 GB of RAM.

Other requirements

- Internet Explorer 8.0, 7.0, 6.0 SP1 or later, or 5.5 with SP2 Q810847 or later.
  Note: You must install Internet Explorer before installing Machine Edition.
- TCP/IP Network protocol-based computer (if you use an Ethernet connection).
- .NET Framework 2.0. If the Microsoft .NET Framework is not yet installed, it is automatically included during installation of Machine Edition.
- 2 GB of hard disk space. Additional space is required for your projects and temporary files.

The Development Environment is supported on VMWare with the following VMWare requirement:

- VMWare Player 2.0 or greater

  - or -

- VMWare Workstation 6.0 or greater
  Note: The APM Motion Programmer does not function if Proficy Machine Edition is executed from within VMWare.

Windows PC Runtime	

- When you install only View Runtime or Control Runtime from the DVD, the Runtime executables are automatically updated from the development computer when the project is downloaded.
- Windows 7 Ultimate, Windows 7 Enterprise, Windows 7 Professional, Windows Vista Enterprise, Windows Vista Enterprise SP1 and SP2, Windows Vista Business, Windows Vista Business SP1 and SP2, Windows XP Professional SP2 and SP3, Windows XP Embedded, or Windows 2000 Professional SP4
  Notes
  - The above versions of Windows 7 are supported in both 32-bit and 64-bit.
  - The above versions of Windows Vista are supported in 32-bit.
  - View requires Windows 2000 Professional SP4 plus KB835732 or Rollup 1.
  - Windows regional settings must be set to English.
  - Windows XP Tablet PC Edition is not supported.
- 233 MHz Pentium-based workstation (1.6 GHz recommended)
  Note: 300 MHz is required for Windows XP Professional or Windows 2000.
- 200 MB free hard disk space
- 128 MB RAM (1 GB recommended; minimum 256 MB on Windows XP)

The following table describes the minimum requirements needed for the range of variables defined in your projects.

Requirements	Variables		
	< 500	500 - 10000	> 10000

CPU	233 MHz	1 GHz	2 GHz
Disk Space	200 MB	200 MB	200 MB
RAM	128 MB	512 MB	1 GB

QuickPanel View/Control Runtime

- For HMI and Logic components: QuickPanel Control
- For HMI only: QuickPanel View

Proficy Change Management Server

- Microsoft® Windows® XP™ Professional, Service Pack 2 or 3. Since Windows® XP™ has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2003, Service Pack 2 R2. Since Windows® Server 2003 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Vista™, Service Pack 2, Business, Enterprise, or Ultimate Edition. Since Windows® Vista™ has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2008 (32-bit), Service Pack 2, Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2008 R2 (64-bit in WoW mode), Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® 7 (32-bit, or 64-bit in WoW mode), Professional or Ultimate Edition. Since Windows® 7 has continuous updates, you should run the Windows update feature to get the latest software.
  Notes
  - Windows regional settings must be set to English.
  - Proficy Change Management is not supported in environments that use Microsoft Terminal Services or Microsoft Cluster Server. Windows XP Tablet PC Edition and Windows XP Embedded are not supported.
  - For Microsoft® Windows® 7, Windows® Vista™, and Windows® Server 2008, you must be an Administrator. For Microsoft® Windows® XP Professional, you must be part of the PowerUsers group or the Administrators group.
- Ethernet Network Adapter and the TCP/IP Network Protocol (100Mbit).
- Microsoft® Internet Explorer™ version 8.0, Internet Explorer™ version 7.0, Internet Explorer™ 6.0 with Service Pack 1 or later.
- 2.0 GHz Pentium-based computer recommended.
  Note: See your sales representative for server system recommendations based on your projected number of Manager Clients and the projected size of your project database.
- 20 GB free hard disk space, plus storage space for project files.
- 1 GB RAM.
- Microsoft Visual SourceSafe 6.0d Build 31222 or later (Server installation), or Visual SourceSafe 2005.
  Notes
  - The 6.0d version can be acquired by installing the Microsoft Visual Studio 6 SP6 update. For more details, visit Microsoft's web site at www.microsoft.com.
  - If Visual SourceSafe 6.0 is installed and you want to upgrade to Visual SourceSafe 2005, you must first uninstall Proficy Machine Edition, **reboot your computer to avoid potential operating system corruption**, and then uninstall Visual SourceSafe 6.0. You can then install Visual SourceSafe 2005 and then reinstall Machine Edition. Uninstalling only Visual SourceSafe 6.0 does not remove it from the computer as Machine Edition retains a copy.

Proficy Change Management Client

- Microsoft® Windows® XP Professional, Service Pack 2 or 3. Since Windows® XP™ has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2003, Service Pack 2 R2. Since Windows® Server 2003 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Vista™, Service Pack 2, Business, Enterprise, or Ultimate Edition. Since Windows® Vista™ has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2008 (32-bit), Service Pack 2, Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2008 R2 (64-bit in WoW mode), Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® 7 (32-bit, or 64-bit in WoW mode), Professional or Ultimate Edition. Since Windows® 7 has continuous updates, you should run the Windows update feature to get the latest software.
  Notes
  - Windows regional settings must be set to English.
  - Proficy Change Management is not supported in environments that use Microsoft Terminal Services or Microsoft Cluster Server. Windows XP Tablet PC Edition and Windows XP Embedded are not supported.
  - For Microsoft® Windows® 7, Windows® Vista™, and Windows® Server 2008, you must be an Administrator. For Microsoft® Windows® XP Professional, you must be part of the PowerUsers group or the Administrators group.
  - To connect to the PCM server in a 64-bit environment, you will need to enter the PCM server IP address and name in the host file.
- Microsoft® Internet Explorer™ version 8.0, Internet Explorer™ version 7.0, Internet Explorer™ 6.0 with Service Pack 1 or later.
- 1.5 GHz Pentium-based computer recommended.
- 50 MB hard disk space, plus storage space for project files (500 MB recommended to start with).
- 512 MB RAM (1 GB recommended).
- Ethernet Network Adapter and the TCP/IP Network Protocol (100 Mbit).

Proficy Change Management Thin Client

Note: These system requirements apply to the Thin Client, including the Scheduler and Scheduler Editor used with the Thin Client.

- Microsoft® Windows® XP™ Professional, Service Pack 2 or 3. Since Windows® XP™ has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2003, Service Pack 2 R2. Since Windows® Server 2003 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Vista™, Service Pack 2, Business, Enterprise, or Ultimate Edition. Since Windows® Vista™ has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® Server 2008 (32-bit), Service Pack 2, Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software.

- Microsoft® Windows® Server 2008 R2 (64-bit in WoW mode), Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software.
- Microsoft® Windows® 7 (32-bit, or 64-bit in WoW mode), Professional or Ultimate Edition. Since Windows® 7 has continuous updates, you should run the Windows update feature to get the latest software.

  Notes

  - The Proficy Change Management Thin Client is supported in environments that use Microsoft® Terminal Services.
  - Microsoft® Windows® regional settings must be set to English.
  - Microsoft® Windows® XP™ Tablet PC Edition and Windows XP™ Embedded are not supported.
  - For Microsoft® Windows® 7, Windows® Vista™, and Windows® Server 2008, you must be an Administrator. For Microsoft® Windows® XP™ Professional, you must be part of the PowerUsers group or the Administrators group.
  - To connect to the PCM server in a 64-bit environment, you will need to enter the PCM server IP address and name in the host file.

- Internet Explorer™ version 8.0, Internet Explorer™ version 7.0, Internet Explorer™ 6.0 with Service Pack 1 or later.
- 1.5 GHz Pentium-based computer recommended.
- 50 MB hard disk space, plus storage space for project files (500 MB recommended to start with).
- 512 MB RAM (1 GB recommended).
- Ethernet Network Adapter and the TCP/IP Network Protocol (100 Mbit).
- Microsoft .NET 2.0.

Scheduler Engine	- Microsoft® Windows® XP Professional, Service Pack 2 or 3. Since Windows® XP™ has continuous updates, you should run the Windows update feature to get the latest software. - Microsoft® Windows® Server 2003, Service Pack 2 R2. Since Windows® Server 2003 has continuous updates, you should run the Windows update feature to get the latest software. - Microsoft® Windows® Vista™, Service Pack 2, Business, Enterprise, or Ultimate Edition. Since Windows® Vista™ has continuous updates, you should run the Windows update feature to get the latest software. - Microsoft® Windows® Server 2008 (32-bit), Service Pack 2, Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software. - Microsoft® Windows® Server 2008 R2 (64-bit in WoW mode), Standard or Enterprise Edition. Since Windows® Server 2008 has continuous updates, you should run the Windows update feature to get the latest software. - Microsoft® Windows® 7 (32-bit, or 64-bit in WoW mode), Professional or Ultimate Edition. Since Windows® 7 has continuous updates, you should run the Windows update feature to get the latest software. **Notes** - Microsoft® Windows regional settings must be set to English. - Microsoft® Windows® Vista™, Windows® XP™ Tablet PC Edition, and Windows® XP™ Embedded are not supported. - For Microsoft® Windows® 7, Windows® Vista™, and Windows® Server 2008, you must be an Administrator. For Microsoft® Windows® XP™ Professional, you must be part of the PowerUsers group or the Administrators group. - Proficy Change Management Client. - Microsoft® Internet Explorer™ version 8.0, Internet Explorer™ version 7.0, Internet Explorer™ 6.0 with Service Pack 1 or later. 1.5 GHz Pentium-based computer recommended. 50 MB hard disk space (in addition to hard disk space required for the Proficy Change Management Client). 512 MB RAM (1 GB recommended). - Ethernet Network Adapter and the TCP/IP Network Protocol (100 Mbit).