

Suite	Manufacturing & Supply Chain Suite				
V9.1 Platform Specification	Advanced Process Control (APC)				
	Advanced Process Control (APC) Desktop	Advanced Process Control (APC) Online	Advanced Process Control (APC) Performance Monitor	Advanced Process Control (APC) Web Server	Aspen Process Recipe & Aspen Process Sequencer Desktop
Operating Systems (64-bit only)					
Windows 10 Enterprise & Professional (64-bit)	✓				
Windows 8.1 Update 1 Enterprise & Professional (64-bit)	✓				
Windows 7 Enterprise & Professional SP1 (64-bit)	✓				
Windows Server 2012 R2	✓	✓	✓	✓	✓
Windows Server 2008 R2 SP1	✓	✓	✓	✓	✓
iOS 9.3+ for iPad Support					
Microsoft Office					
Office 365 (Desktop/Click-to-run)	✓				
Office 2016 (64-bit)					
Office 2016 (32-bit)	✓				
Office 2013 SP1 (32-bit)	✓				
Office 2010 SP2 (32-bit)	✓				
Database Servers					
Microsoft SQL Server 2014 SP1 (Enterprise/Standard Edition)					✓
Microsoft SQL Server 2014 SP1 (Express Edition)					
Microsoft SQL Server 2012 SP2 (Enterprise/Standard Edition)					✓
Microsoft SQL Server 2012 SP2 (Express Edition)					
Microsoft SQL Server 2008 R2 SP2 (Enterprise/Standard Edition)					✓
Microsoft SQL Server 2008 R2 SP2 (Express Edition)					✓
SQL Server Local DB					✓
SQL Server 2012 Analysis Services					
SQL Server 2008 R2 Analysis Services					
Oracle Database 12.1.0.2					
Oracle Database 11.2.0.4					
Database Clients					
Oracle Client 12.1.0.2 32-bit					
Oracle Client 11.2.0.4 32-bit					
Oracle Client 12.1.0.2 64-bit					

Suite	Manufacturing & Supply Chain Suite				
V9.1 Platform Specification	Advanced Process Control (APC)				
	Advanced Process Control (APC) Desktop	Advanced Process Control (APC) Online	Advanced Process Control (APC) Performance Monitor	Advanced Process Control (APC) Web Server	Aspen Process Recipe & Aspen Process Sequencer Desktop
Oracle Client 11.2.0.4 64-bit					
Web Browsers					
Internet Explorer 11				✓	✓ ³
Internet Explorer 10				✓	✓ ³
Google Chrome Evergreen Version 49+	✓	✓	✓	✓	
Safari on iOS 9.3 for iPad Support					
Runtimes					
.NET Framework 4.6	✓	✓	✓	✓	✓
.NET Framework 4.5.2	✓	✓	✓	✓	✓
.NET Framework 3.5			✓	✓	
Java 8 JRE update 40				✓	
Java 8 JDK update 40					
AdoptOpenJDK Java 8 u181				✓	
MSXML 6	✓	✓	✓	✓	✓
Silverlight 5					
Flash 10 and higher					
Visual Studio 2010 Tools for Office Runtime					
Virtualization					
Microsoft App-V 5.1					
Microsoft Hyper-V (Server)	✓	✓	✓	✓	✓
VMware ESX Server 5.5.3 (Server)	✓	✓	✓	✓	✓
Microsoft Terminal Services (Desktop)	✓				
Citrix XenApp 7.6 (Desktop)					
Security Frameworks					
Aspen Framework (AFW) 5	✓			✓	
Microsoft Active Directory / Active Directory Domain Services	✓			✓	
Java App (Servers)					
Apache Tomcat 8.0.21					
WebLogic 12c					
Web Servers					

Suite	Manufacturing & Supply Chain Suite					
V9.1 Platform Specification	Advanced Process Control (APC)					
	Advanced Process Control (APC) Desktop	Advanced Process Control (APC) Online	Advanced Process Control (APC) Performance Monitor	Advanced Process Control (APC) Web Server	Aspen Process Recipe & Aspen Process Sequencer Desktop	
	IIS 8.5				✓	
	IIS 7.5				✓	
	Apache HTTP Server 2.2.xx					
Reporting Services						
Microsoft Report Viewer 2010 SP1						
Crystal Reports 8.5						
Crystal Reports 11						
Integration/Messaging Components						
Informatica Powercenter 9.6.1						
Deployment Tools						
SCCM 2016						
SCCM 2012 R2 SP1						
Desktop Types						
Type I: Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster Memory (RAM): 8 gigabytes (GB) RAM Hard Disk: 80 gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec	✓				✓	
Type II: Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster Memory (RAM): 16 gigabytes (GB) RAM Hard Disk: 250 gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec						
Server Types						
Type I: Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster for standalone deployment Intel Xeon E5 series, 4 cores or more and 2.8GHz or higher for multi-user environment Memory (RAM): 8 or above gigabytes (GB) RAM for standalone deployment, 16 or above gigabytes (GB) RAM for multi-user environment Hard Disk: 150 gigabytes (GB) available 300 gigabytes (GB) available for multi-user environment Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec						

Suite	Manufacturing & Supply Chain Suite				
V9.1 Platform Specification	Advanced Process Control (APC)				
	Advanced Process Control (APC) Desktop	Advanced Process Control (APC) Online	Advanced Process Control (APC) Performance Monitor	Advanced Process Control (APC) Web Server	Aspen Process Recipe & Aspen Process Sequencer Desktop
	Type II: Computer & processor: Intel Xeon E5 series, 2.8 gigahertz (GHz) (4 cores) or faster Memory (RAM): 16 or above gigabytes (GB) RAM Hard Disk: 300 gigabytes (GB) or more available for multi-user environment Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec		✓		✓
Type III: Computer & processor: 4 x Intel 2.66 gigahertz (GHz) (8 cores) or faster Memory (RAM): 32 or above gigabytes (GB) RAM Hard Disk: 500 gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec			✓		

Notes:

Advanced Process Control (APC) suite consists of the following products: Aspen DMCplus, Aspen DMC3, Aspen Process Controller, Aspen Watch Performance Monitor, Aspen Inferential Qualities, Aspen Nonlinear Controller, aspenONE Exchange, and Aspen Process Sequencer.

³ Must be in compatibility mode for Aspen Process Sequencer)

When running software on a virtual machine, the machine should meet the same requirements.

If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.