

Suite	Manufacturing & Supply Chain Suite					
V9 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) Support added in patch: (https://esupport.aspentech.com)	✓					
Office 2016 (64-bit)						
Office 2016 (32-bit) Support added in patch: (https://esupport.aspentech.com)	✓					
Office 2013 SP1 (32-bit)	✓					
Office 2010 SP2 (32-bit)	✓					
Database Servers						
Microsoft SQL Server 2014 SP1 (Enterprise/StandA23:A33)					✓	
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						
Oracle Client 11.2.0.4 64-bit						

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	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						
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						
IIS 8.5				✓		
IIS 7.5				✓		
Apache HTTP Server 2.2.xx						

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	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						

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	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 for standalone deployment, 300 gigabytes (GB) 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 II: Computer & processor: Intel Xeon E5 series type system, 2.8 gigahertz (GHz) (4 cores) or faster Memory (RAM): 16 or above gigabytes (GB) RAM Hard Disk: 300 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 (Gigabyte network recommended)		✓		✓	✓	
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			✓			

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	Localization					
	Chinese					
	French					
German						
Italian						
Japanese						
Portuguese						
Russian						
Spanish						

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.
 Your Aspen SLM Server must be installed and running prior to installing any V9 product.