

aspenONE Engineering V8.7 Supported Platforms

Below are the supported platforms for aspenONE Engineering V8.7. The left column shows supported platforms on a desktop system, and the right column shows supported platforms on a server system.

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<p><i>The V8.7 aspenONE Engineering suite consists of the following products: Aspen Plus family, Aspen HYSYS family, Aspen Exchanger Design & Rating (EDR), Aspen Economic Evaluation (EE), Aspen Basic Engineering (ABE), aspenONE, and aspenONE Exchange.</i></p>											

aspenONE Manufacturing and Supply Chain V8.7

Supported Platforms

Below are the supported platforms for aspenONE Manufacturing and Supply Chain V8.7.

Supported Desktop Platforms – Includes APC, MES, PSC and SCM Desktops

Supported Operating Systems
Windows 8.1 Update Professional & Enterprise (64-bit)
Windows 7 SP1 Professional & Enterprise (32- and 64-bit)
Supported Web Browsers
Internet Explorer 10 or 11 <i>(Must be in compatibility mode for CDM)</i>
Google Chrome 26 or higher <i>(Only supported by MES suite, PIMS Platinum, and APC Suite, except for Aspen Process Sequencer in the APC suite.)</i>
Safari on iOS 7 <i>(Only supported by MES suite, PIMS Platinum and CDM Web Client)</i>
Supported Microsoft Office
Microsoft Office 2010 SP2 or 2013 SP1 (32-bit)
Required Runtimes
.NET Framework 4.0 - 4.5
.NET Framework 3.5
Java JRE 1.7.0_51 <i>(Only required for MES suite)</i>
Silverlight 5 <i>(Only required for MES suite and PIMS Platinum)</i>
Visual Studio 2010 Tools for Office Runtime <i>(Only required for Olefins Scheduler and APS)</i>
Supported Database Clients
Oracle Database 11.2.0.4 <i>(Only supported on MES and SCM suites. Not yet supported by Windows 2012 R2)</i>
Microsoft SQL Server Express 2012 SP1 <i>(Only supported by ASCC)</i>
Microsoft SQL Server Express 2008 R2 SP2 <i>(Only supported on APC suite, PSC suite, and ASCC).</i>
Supported Reporting Services
Crystal Reports 8.5 <i>(For users building their own custom reports in AORA)</i>
Microsoft SQL Server 2012 Reporting Services <i>(Only supported on PSC and SCM suites)</i>
Microsoft SQL Server 2008 R2 Reporting Services <i>(Only supported on SCM suite)</i>
Microsoft Report Viewer 2010 SP1 <i>(Only supported on Olefins Scheduler)</i>
<i>The V8.7 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, and Aspen Process Sequencer.</i>
<i>The V8.7 Petroleum Supply Chain (PSC) suite consists of the following products: Petroleum Supply Chain Planner (PSCP), Olefins Scheduler, Aspen Petroleum Scheduler (APS), PIMS, and PIMS Platinum.</i>

Supported Server Platforms – Includes APC, MES, PSC and SCM Servers

Supported Operating Systems
Windows Server 2012 R2
Windows Server 2008 R2 SP1
Required Runtimes
.NET Framework 4.0 - 4.5
.NET Framework 3.5
Java JDK 1.7.0_51 <i>(Only required for IP.21 Process Browser Graphic Studio)</i>
Silverlight 5 <i>(Only required for MES suite)</i>
Supported Database Servers
Microsoft SQL Server 2012 SP1 Standard & Enterprise
Microsoft SQL Server 2008 R2 SP2 Standard & Enterprise
Oracle Database 11.2.0.4 <i>(Only supported in MES and SCM. Oracle not yet supported by Windows 2012 R2)</i>
Supported Web Servers
IIS 8.5, IIS 8, and IIS 7.5
Required Java App Servers
Apache Tomcat 7.0.50 <i>(Only required for APEM and RBV in the MES suite)</i>
WebLogic12c <i>(Jrockit JRE and JDK included, required for CDM)</i>
Supported SharePoint Server Portals
Microsoft Office SharePoint Server 2013 <i>(Only used by MES suite)</i>
Required Security Frameworks
Aspen Framework (AFW) 5 <i>(Except for SCM suite)</i>
Microsoft Active Directory / Domain Services <i>(Except for SCM suite)</i>
Aspen Local Security <i>(Can be used for the APC suite)</i>
<p><i>The V8.7 Manufacturing Execution Systems (MES) suite consists of the following products: InfoPlus.21 (IP.21), Process Explorer, aspenONE Process Explorer, Aspen Production Record Manager (APRM), Aspen Production Execution Manager (APEM), Role-Based Visualization (RBV), Aspen Operations Reconciliation and Accounting (AORA), and Aspen Tank and Operations Manager (ATOM).</i></p> <p><i>The V8.7 Supply Chain Management (SCM) suite consists of the following products: Collaborative Demand Manager (CDM), Plant Scheduler, Supply Planner, and Aspen Supply Chain Connect (ASCC).</i></p>

aspenONE V8.7 Virtualization Support

Virtualization Technology		Software License Manager and Aspen Security	Aspen Engineering	aspenONE Infrastructure	Aspen MES	Aspen Advance Process Control	Aspen Plant Operations	aspenONE Supply Chain Management	Aspen Petroleum Supply Chain	Aspen IMOS	Aspen Fleet Optimizer
Operating System Virtualization	VMware ESX Server	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Microsoft Hyper-V	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Presentation Virtualization	Citrix XenApp	No	Yes	No	Yes	No	No	Yes	No	No	Yes
	Microsoft Terminal Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Application Virtualization	Microsoft Application Virtualization	No	Yes	No	No	No	No	No	No	No	No

Virtualization Technology	Software Version	Microsoft Windows Host Operating System
Operating System Virtualization	VMware ESX Server 5.1	Windows 2008 R2 SP1 & Windows Server 2012 R2 (Clients: Windows 7 Enterprise SP1 (32-bit, 64-bit) and Professional SP1 (32-bit, 64-bit), Windows 8.1 Update Enterprise & Professional (64 bit))
	Microsoft Hyper-V Built into Windows 2008 R2 SP1 & Windows Server 2012 R2	Windows 2008 R2 SP1 & Windows Server 2012 R2 (Clients: Windows 7 Enterprise SP1 (32-bit, 64-bit) and Professional SP1 (32-bit, 64-bit), Windows 8.1 Update Enterprise & Professional (64 bit))
Presentation Virtualization	Citrix XenApp Citrix XenApp 6.5	Windows2008 R2 SP1, Windows Server 2012 R2
	Microsoft Terminal Services Built into Operating System	Windows2008 R2 SP1, Windows Server 2012 R2
Application Virtualization	Microsoft Application Virtualization 5.0	Windows 7 Enterprise SP1 (64-bit) and Professional SP1 (64-bit)

*AspenTech provides best practices to assist customers who may use Microsoft Application Virtualization 5.0 for deployment of our products. Implementation of aspenONE applications with Microsoft Application Virtualization requires the user to create packages while accounting for the target computing environment and corporate software deployment policies. Due to external technical reasons beyond our control, AspenTech cannot guarantee support for all possible combinations of product packages, target computing environments and corporate software deployment policy. Please contact Customer Support for assistance.

aspenONE Engineering V8.7 System Configurations

Below are the combinations of products that AspenTech will test and support on each given desktop or server system. Additional products may work on these systems, but only the combinations shown here will be tested by AspenTech.

Engineering Desktop Products
All Engineering desktop products can be installed together on the same Engineering desktop system.

Engineering Server Products	aspenONE Server	PIMS Platinum Server	ABE Server	AOD Server	AOL Server	ENG Tools Server	SLM Server
aspenONE Simulation Services (32-bit)	X						
aspenONE Server (64-bit)	X						
PIMS Platinum Server (32-bit or 64-bit)		X					
ABE Server (32-bit or 64-bit)			X				
AOD (32-bit) and Aspen Utilities Planner (32-bit)				X			
AOL (32-bit)					X		
APED Database & SQL Engine (32-bit)						X	
Aspen Remote Simulation Services (32-bit)						X	
Process Manuals (32-bit)						X	
Process Tools (32-bit)						X	
SLM Server and Tools							X

Note: For the Engineering Suite, we support 6 different server configurations as well as the dedicated SLM server for licensing. The table above shows which products need to go on a dedicated server and which products can run together on a server.