aspenONE V8.8 Engineering Supported Platforms

Below are the supported platforms for aspenONE Engineering V8.8. The left column shows supported platforms on a desktop system, and the right column shows supported platforms on a server system.

Supported Desktop Platforms	Supported Server Platforms
Supported Operating Systems:	**Supported Operating Systems**
Windows 10 Professional and Enterprise (64-bit) Note: Windows 10 support was added after V8.8 was released – refer to the support site for more information.	Windows Server 2012 R2 Standard & DataCenter Editions
Windows 8.1 Update Professional and Enterprise (64-bit)	Windows Server 2008 R2 SP1 Standard
Windows 7 SP1 Professional and Enterprise (32 and 64-bit) **AspenTech recommends using a 64-bit Operating System for Activated Engineering, RefSYS Refinery Reactors and working with large models. For more information, please refer to the product installation guides.**	If FIPS is enabled, aspenONE Exchange users must have the latest Windows Update patches installed on their machine.
Aspen Plus Refinery Reactors and Process Manuals do not support Windows 10/8.1. If FIPS is enabled, aspenONE Exchange users must have the latest Windows Update patches installed on their machine.	If using aspenONE Exchange on Windows Server 2012 R2, you must select the Desktop Experience option during Windows installation to enable Flash training videos.
Required Runtimes	**Required Runtimes**
.NET Framework 4.5.1	.NET Framework 4.5.1
.NET Framework 3.5 (for SLM)	.NET Framework 3.5 (for SLM)
Java 1.6 JDK (Only required for Economic Evaluation)	Java 1.6 JDK (Only required for Economic Evaluation and aspenONE Web Server)
Flash 10 (Required for aspenONE Exchange training videos)	Flash 10 (Required for aspenONE Exchange training videos)
Visual Studio Tools for Office 2010 (Req for Aspen Batch Process Developer)	
Supported Web Browsers	**Supported Web Servers**
Internet Explorer 10 or 11	IIS 8.5 and 7.5 (Only required for aspenONE Web Server)
Google Chrome Version 26 or higher (Only supported by aspenONE Web Server)	
Supported Database Clients	**Supported Database Servers**
Microsoft SQL Server Express 2014 SP1	Microsoft SQL Server 2014 SP1 (Standard and Enterprise)*
Microsoft SQL Server Express 2012 SP2	Microsoft SQL Server 2012 SP2 (Standard and Enterprise)*
Microsoft SQL Server Express 2008 R2 SP2	Microsoft SQL Server 2008 R2 SP2 (Standard and Enterprise)*
Supported Microsoft Office (32-bit ONLY)	Oracle Database 12.1.0.2 (Only supported by ABE)
Microsoft Office 365 & 2016 Note: Office 365 & Office 2016 support was added after V8.8 was released – refer to the support site for more information.	Oracle Database 11.2.0.4 (Only supported by ABE)
Microsoft Office 2010 SP2 or 2013 SP1 (32-bit) (Except Aspen Plus Refinery Reactors)	* aspenONE Web Server and ABE also support Express editions of these SQL servers.
	Aspen EDR does not use any database servers (uses own Access DB files)
Supported Reporting Services	**Required Java App Servers**
Crystal Reports 11 (Only used by Economic Evaluation)	Apache Tomcat 7.0.57 (Only required for aspenONE)
Tablet Support	**Required Security Frameworks**
iOS 8.x on iPad or Windows 10/8.1 on Microsoft Surface Pro (Tablets only supported for aspenONE Web Server)	Microsoft Active Directory/Domain Services (Required for aspenONE Web Server)
SLM Server	**SLM Server**
Your Aspen SLM server must be installed and running prior to installing any V8.8 product.	Your Aspen SLM server must be installed and running prior to installing any V8.8 product.

The V8.8 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 Web Server, and aspenONE Exchange.

aspenONE Manufacturing and Supply Chain V8.8 Supported Platforms

Below are the supported platforms for aspenONE Manufacturing and Supply Chain V8.8.

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

V8.8 Supported Desktop Platforms	
Supported Operating Systems:	**Supported Database Clients**
Windows 10 Professional (64-bit) (Exception are APC Family - Only APC Builder supports Windows 10) Note: Windows 10 support was added after V8.8 was released – refer to the support site for more information.	Oracle Database 12.1.0.2 (Supported on MES, and SCM suites)
Windows 8.1 Update Professional & Enterprise (64-bit)	Oracle Database 11.2.0.4 (Supported on MES and SCM suites)
Windows 7 SP1 Professional & Enterprise (32 and 64-bit)	Oracle Client 11.2.0.4 or 12.1.0.2 (32-bit) must be installed to access data available from a compatible Oracle Server 11.2.0 or 12.1.0.
Supported Web Browsers	Microsoft SQL Server Express 2012 SP1 (Only supported by PSC suite)
Internet Explorer 10 or 11 (Must be in compatibility mode for CDM and Aspen Process Sequencer)	Microsoft SQL Server Express 2008 R2 SP2 (Only supported on APC suite and PSC suite).
Google Chrome Version 26 or higher (aspenONE Process Explorer only)	**Supported Reporting Services**
Safari on iOS 8.x (aspenONE Process Explorer on tablets only)	Crystal Reports 8.5 (For users building their own custom reports in AORA)
Supported Microsoft Office (32-bit ONLY)	Microsoft SQL Server 2012 Reporting Services (Only supported on PSC and SCM suites)
Microsoft Office 365 ProPlus (Desktop deployments only, 32-bit only)	Microsoft SQL Server 2008 R2 Reporting Services (Only supported on PSC and SCM suites)
Microsoft Office 2010 SP2 or 2013 SP1 (32-bit)	Microsoft Report Viewer 2010 SP1 (Only supported on Olefins Scheduler)
Required Runtimes	**Supported Virtualization (Desktop)**
.NET Framework 4.5.1	Microsoft Remote Desktop Services (Not supported on PSC suite)
.NET Framework 3.5 (for SLM, APC and MES)	Citrix XenApp 7.6 (Not supported on APC suite)
Java 1.6 JDK (Only required for MES suite)	**Tablet Support**
Silverlight 5 (Only required for MES suite)	iOS 8.x on iPad or Windows 10/8.1 on Microsoft Surface Pro (Tablets only supported by aspenONE Process Explorer, aspenONE PIMS Platinum and CDM Web Client)
Visual Studio Tools for Office 2010 (Only required for PSC and MES suites)	
SLM Server	
Aspen SLM Server must be installed and running on your SLM server prior to installing any V8.8 product.	

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

V8.8 MSC Supported Server Platforms
Supported Operating Systems
Windows Server 2012 R2
Windows Server 2008 R2 SP1
Required Runtimes
.NET Framework 4.5.1
.NET Framework 3.5 (for SLM)
Java 1.6 JDK (Only required for IP.21 Process Browser Graphic Studio)
Silverlight 5 (Only required for MES suite)
Supported Database Servers
Microsoft SQL Server 2012 SP1 Standard & Enterprise
Microsoft SQL Server 2008 R2 SP2 Standard & Enterprise
Oracle Database 12.1.0.2 (Only supported in MES and SCM)
Oracle Database 11.2.0.4 (Only supported in MES and SCM)
Oracle Client 11.2.0 or 12.1.0 (32-bit) must be installed to access data available from a compatible Oracle Server 11.2.0 or 12.1.0.
Supported Web Servers
IIS 8.5 and IIS 7.5
Required Java App Servers
Apache Tomcat 7.0.57 (Only required for APEM and RBV in the MES suite)
WebLogic12c (Jrockit JRE and JDK included, required for CDM)
Required Security Frameworks
Aspen Framework (AFW) 5 (Except for SCM suite)
Microsoft Active Directory / Domain Services (Except for SCM suite)
Aspen Local Security (This can be used for the APC suite)
Supported Virtualization (Server)
Microsoft Hyper-V (Except for PSC suite)
VMware ESX Server 5.1
SLM Server
Aspen SLM Server must be installed and running on your SLM server prior to installing any V8.8 product.

The **V8.8 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.

The **V8.8 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).

The **V8.8 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.

The **V8.8 Supply Chain Management (SCM)** suite consists of the following products: Collaborative Demand Manager (CDM), Plant Scheduler, Supply Planner, and Aspen Supply Chain Connect (ASCC).

aspenONE V8.8 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 10 (64-bit), Windows 2008 R2 SP1 & Windows Server 2012 R2 (Clients: Windows 7 Enterprise SP1 (64-bit) and Professional SP1 (64-bit), Windows 8.1 Update Enterprise & Professional (64 bit)
	Microsoft Hyper-V	Built into Windows 2008 R2 SP1 & Windows Server 2012 R2	Windows 10 (64-bit), Windows 2008 R2 SP1 & Windows Server 2012 R2 (Clients: Windows 7 Enterprise SP1 (64-bit) and Professional SP1 (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 SP3	Windows 10 (64-bit), Windows 2008 R2 SP1 & Windows Server 2012 R2 (Clients: Windows 7 Enterprise SP1 (64-bit) and Professional SP1 (64-bit), Windows 8.1 Update Enterprise & Professional (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.