

[Link to to the AspenTech Summary of Strategy & Plans](#)

Suite	Asset Performance Management								
V11.1 Platform Specifications that are supported	Aspen Asset Analytics Server 64-bit	Aspen Asset Analytics Client 64-bit	Aspen Fidelis Reliability 64-bit	Aspen ProMV 64-bit 16	Aspen ProMV Online Server 64-bit 16	Aspen ProMV Online Client 64-bit	Aspen Mteill 64-bit 16	Aspen Edge Connect	Aspen Cloud Connect
Operating Systems (64-bit only)									
Windows 10 Anniversary (1809 LTSC) Enterprise & Professional (64-bit)		✓	✓	✓		✓	✓		✓
Windows 8.1 Update 1 Enterprise & Professional (64-bit)		✓	✓	✓		✓	✓		✓
Windows 7 Enterprise & Professional SP1 (64-bit)		✓	✓	✓		✓	✓		✓
Windows Server 2016 (build#1709)	✓	✓	✓	✓	✓	✓	✓		✓
Windows Server 2012 R2	✓	✓	✓	✓	✓	✓	✓		✓
Windows Server 2008 R2 SP1	✓	✓	✓	✓			✓		✓
Ubuntu Server Edition 16.04 LTS								✓	
Advantech Smart Router Series coLinux								✓	
Safari on iOS 11+ for iPad Support		✓							
Microsoft Office									
Office 365 (Desktop/Click-to-run)			✓	✓					
Office 2016 (64-bit) Products to transition to 64-bit Office			✓	✓					
Office 2016 (32-bit)			✓	✓					
Office 2013 SP1 (32-bit)			✓	✓					
Office 2010 SP2 (32-bit)				✓					
Database Servers									
Microsoft SQL Server 2017 (Enterprise/Standard Edition)	✓						✓		
Microsoft SQL Server 2017 (Express Edition)	✓						✓		
Microsoft SQL Server 2016 SP1 (Enterprise/Standard Edition)	✓						✓		
Microsoft SQL Server 2016 SP1 (Express Edition)	✓						✓		
Microsoft SQL Server 2014 SP2 (Enterprise/Standard Edition)	✓						✓		

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Microsoft SQL Server 2014 SP2 (Express Edition)	✓						✓		
Microsoft SQL Server 2012 SP3 (Enterprise/Standard Edition)	✓						✓		
Microsoft SQL Server 2012 SP3 (Express Edition)	✓						✓		
SQL Server Local DB			✓						
SQL Server 2012 Analysis Services									
Oracle Database 12.2.x 64-bit									
Oracle Database 11.2.x 64-bit									
<b>Database Clients</b>									
Microsoft SQL Server 2017 (Express Edition)									
Microsoft SQL Server 2016 SP1 (Express Edition)									
Microsoft SQL Server 2014 SP2 (Express Edition)									
Microsoft SQL Server 2012 SP2 (Express Edition)									
Microsoft SQL Server 2008 R2 SP3 (Express Edition)									
Oracle Client 18.3 32-bit									
Oracle Client 18.3 64-bit									
Oracle Client 12.1.0.2 32-bit									
Oracle Client 11.2.0.4 32-bit									
Oracle Client 12.2.x 64-bit									
Oracle Client 11.2.x 64-bit									
<b>Runtimes</b>									
.NET Framework 4.7.1	✓		✓		✓		✓		
.NET Framework 4.0									
.NET Framework 3.5									
32-bit Java 8 JRE update 151									
32-bit Java 8 JDK update 151									
64-bit Java 8 JRE update 151	✓				✓				
64-bit Java 8 JDK update 151	✓				✓				

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32-bit AdoptOpenJDK Java 8 u181									
64-bit AdoptOpenJDK Java 8 u181	✓				✓		✓ <sup>17</sup>		
MSXML 6	✓	✓					✓		
Visual Studio 2013, 2015, 2017			✓						
Microsoft Visual C++ Redistributable 2017	✓		✓	✓	✓		✓		
Microsoft Visual C++ Redistributable 2015	✓		✓	✓	✓		✓		
Microsoft Visual C++ Redistributable 2013	✓		✓	✓	✓		✓		
Visual Studio 2010 Tools for Office Runtime									
<b>Virtualization</b>									
Microsoft App-V 5.1									
Microsoft Hyper-V (Server)	✓		✓	✓	✓		✓		
VMware vSphere 6.7 (Server)	✓		✓	✓	✓		✓		
Microsoft Terminal Services (Desktop)			✓				✓		
Citrix XenApp 7.14 (Desktop)			✓	✓			✓		
<b>Web Browsers</b>									
Internet Explorer 11		✓				✓	✓		
Microsoft Edge									
Google Chrome Evergreen Version 75+		✓				✓	✓		
Safari on iOS 11+ for iPad Support									
<b>Security Components/Services</b>									
Aspen Framework (AFW) 5	✓				✓				
Non-Domain Security Group									
Microsoft Active Directory / Active Directory Domain Services									
<b>Java App (Servers)</b>									

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Apache Tomcat 8.5+	✓				✓					
<b>Web Servers</b>										
IIS 10	✓				✓		✓			
IIS 8.5	✓				✓		✓			
IIS 7.5	✓				✓		✓			
<b>Reporting Services</b>										
Microsoft Report Viewer 2010 SP1										
Microsoft SQL Server 2008 R2/2012/2014/2016/2017 Reporting Services										
Crystal Reports 8.5										
Crystal Reports 11										
<b>Malware Blocking Features</b>										
DEP-Data Execution Prevention	✓	✓	✓	✓	✓	✓	✓			
<b>Integration Components</b>										
Aspen Supply Chain Connect										
Informatica Powercenter 10.2 HF1										
<b>Cloud Support *</b>										
Azure VM - Microsoft								✓	✓	
Amazon VM (AWS)								✓	✓	
Azure VM - Linux								✓	✓	
Azure SQL										
Azure Cloud Service (Worker Role)										
Azure App Service (Web App)										
Azure CosmosDB										

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Azure Redis Cache									
Azure IoT Hub									
Storage Account									
Nutanix Frame									
Azure Virtual Apps Essentials									
<b>Deployment Tools</b>									
SCCM 2016 (version 1606)									
SCCM 2012 R2 SP1									
<b>Built With</b>									
FORTRAN 2017									
<b>Desktop Types - Minimum Recommended</b>									
<b>Type I:</b> Computer & processor: Intel Core-i5 family or faster Memory (RAM): <b>16</b> gigabytes (GB) RAM Hard Disk: <b>120</b> gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec		✓	✓	✓		✓			✓
<b>Type II:</b> Computer & processor: Intel Core-i5 family or faster Memory (RAM): <b>16</b> gigabytes (GB) RAM Hard Disk: <b>250</b> gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec							✓		
<b>Server Types - Minimum Recommended</b>									

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<b>Type I:</b> Computer & processor: Intel Core-i7 family or faster for standalone deployment Intel Xeon Gold series, 4 cores or more for multi-user environment Memory (RAM): 16 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			✓						
<b>Type II:</b> Computer & processor: Intel Xeon Gold series type system (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)									
<b>Type III:</b> Computer & processor: 4 x Intel (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 (Gigabyte network recommended)	✓				✓		✓		
<b>Type IV: (IIoT Gateways)</b> Computer & processor: ARM or Intel based CPU or more Memory (RAM): 256Mb or more Hard Disk: 128Mb or more								✓	
<b>Notes</b>									
<p>* In general, AspenTech aspenONE® software license agreements with customers permit use of the licensed software on Supported Computers at customer Sites. "Supported Computers" include computers with a manufacture, model and operating system for which AspenTech offers a supported version of the software, and that are controlled by the customer. "Sites" are customer facilities or locations specified in the license agreement.</p> <p>AspenTech permits customer use of licensed aspenONE software in the cloud where: (i) the Platform Support specifications published by AspenTech for the relevant version of the software product include cloud support; (ii) only the customer has access to the licensed software hosted by the cloud service provider; and (iii) the user is accessing the software only from a Site specified in the applicable license agreement.</p> <p>Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.</p>	aspenONE Asset Performance Management suite consists of the following products: Aspen Asset Analytics Server, Aspen Asset Analytics Client and Aspen Fidelis Reliability.								

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<p>When running software on a virtual machine, the machine should meet the same requirements.</p>									
<p>AspenTech does not support the in-place upgrade of the Operating System (for example: upgrade Windows 7 to Windows 10) with AspenTech software already installed. Our recommendation is to uninstall Aspen Software before upgrading the OS and reinstall it after the upgrade.</p>									
<p>Your Aspen SLM Server must be installed and running prior to installing any V11 product.</p>									
<p>If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.</p>									
<p>For SLM server using the Type 1 Desktop configuration, the minimum memory is 4GB with 20GB hard drive.</p>									
<p>Microsoft Active Directory/Domain Services (Required for aspenONE Web Server)</p>									
<p><b>16</b> Non-English OS's are not supported</p>									
<p><b>17</b> If using IBM Maximo Adapter</p>									