

[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 Mteill Maestro Containers	Aspen EdgeConnect	Aspen Cloud Connect
<b>Operating Systems (64-bit only)</b>										
Windows 10 Anniversary Enterprise & Professional (64-bit)		✓	✓	✓		✓	✓			✓
Windows 8.1 Update 1 Enterprise & Professional (64-bit)		✓	✓	✓		✓	✓			✓
Windows 7 Enterprise & Professional SP1 (64-bit)		✓	✓	✓		✓	✓			✓
Windows Server 2019								✓		
Windows Server 2016	✓	✓	✓		✓	✓	✓			✓
Windows Server 2012 R2	✓	✓	✓		✓	✓	✓			✓
Windows Server 2008 R2 SP1	✓	✓	✓				✓			✓
Ubuntu Server Edition 16.04 LTS								✓		
Advantech Smart Swarm 2.2.2								✓		
Advantech Smart Router Series coLinux								✓		
Safari on iOS 11+ for iPad Support		✓								
<b>Microsoft Office</b>										
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)				✓						
<b>Database Servers</b>										
Microsoft SQL Server 2017 (Enterprise/Standard Edition)	✓						✓			
Microsoft SQL Server 2017 (Express Edition)	✓						✓			
Microsoft SQL Server 2016 SP1 (Enterprise/Standard Edition)	✓						✓			

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Microsoft SQL Server 2016 SP1 (Express Edition)	✓						✓			
Microsoft SQL Server 2014 SP2 (Enterprise/Standard Edition)	✓						✓			
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 Oracle Java 8 JRE update 151										

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32-bit Oracle Java 8 JDK update 151										
64-bit Oracle Java 8 JRE update 151	✓				✓					
64-bit Oracle Java 8 JDK update 151	✓				✓					
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.x (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	✓				✓					



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Nutanix XiFrame										
Azure Virtual Apps Essentials										
Docker Engine-Enterprise 18.09.x								✓		
Docker Compose 1.23.x								✓		
<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>										
<b>Type I:</b> Computer & processor: Intel Core-i7 family or faster for standalone deployment Intel Xeon Gold series, <b>4</b> cores or more for multi-user environment Memory (RAM): <b>16</b> or above gigabytes (GB) RAM for standalone deployment, <b>16</b> or above gigabytes (GB) RAM for multi-user environment Hard Disk: <b>150</b> gigabytes (GB) available for standalone deployment, <b>300</b> 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			✓							

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<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>Type V:</b> Windows Server 2019 v1809+ Memory (RAM in GB): Minimum: 16 Recommended: 32 Cores: Minimum: 4, Recommended: 8 Disk space (GB): Minimum: 64, Recommended: 100								✓		
<b>Notes</b> * 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.  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.  Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.	aspenONE Asset Performance Management suite consists of the following products: Aspen Asset Analytics Server, Aspen Asset Analytics Client and Aspen Fidelis Reliability.									
When running software on a virtual machine, the machine should meet the same requirements.										

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<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>										