

Suite	Manufacturing & Supply Chain Suite									
V11 Platform Specifications that are supported	Petroleum Supply Chain (PSC)									
	aspenONE Unified PIMS 32-bit	aspenONE Unified Scheduling 32-bit	Petroleum Supply Chain Planner (PSCP/DPO) 32-bit	Aspen Petroleum Scheduler (APS) 32-bit	Multi-Blend Optimizer (MBO) 32-bit	PIMS 32-bit	Aspen Fleet Optimizer (AFO) Web Server	Aspen Fleet Optimizer (AFO) Map Monitor Client	AFO Connect Client 64-bit	Aspen Fleet Optimizer (AFO) (Retail) 32-bit
Operating Systems (64-bit only)										
Windows 10 Anniversary (1709 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 Swarm 2.2.2										
Advantech Smart Router Series coLinux										
Safari on iOS 11+ for iPad Support									✓	
Microsoft Office										
Office 365 (Desktop/Click-to-run)	✓	✓	✓	✓	✓	✓				
Office 2016 (64-bit)	✓	✓	✓	✓	✓	✓				
Office 2016 (32-bit)	✓	✓	✓	✓	✓	✓				
Office 2013 SP1 (32-bit)	✓	✓	✓	✓	✓	✓				

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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)	✓	✓	✓	✓	✓	✓	✓			✓
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	✓ <sup>12</sup>	✓ <sup>12</sup>	✓ <sup>12</sup>	✓ <sup>12</sup>	✓ <sup>12</sup>	✓ <sup>12</sup>				
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)										



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Microsoft Visual C++ Redistributable 2017	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft Visual C++ Redistributable 2015										
Microsoft Visual C++ Redistributable 2013										
Visual Studio 2017 Tools for Office Runtime				✓	✓					
Visual Studio 2010 Tools for Office Runtime				✓	✓					
<b>Virtualization</b>										
Microsoft App-V 5.1										
Microsoft Hyper-V (Server)	✓	✓	✓	✓	✓	✓	✓			✓
VMware ESX Server 6.0 (Server)	✓	✓	✓	✓	✓	✓	✓			✓
Microsoft Terminal Services (Desktop)								✓	✓	✓
Citrix XenApp 7.14 (Desktop)								✓	✓	✓
<b>Web Browsers</b>										
Internet Explorer 11	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Microsoft Edge										
Google Chrome Evergreen Version 104+	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Safari on iOS 11+ for iPad Support									✓	
<b>Security Components/Services</b>										
Aspen Framework (AFW) 5						✓				



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Informatica Powercenter 10.2 HF1										
Cloud Support *										
Azure VM - Microsoft										
Amazon VM (AWS)										
Azure VM - Linux										
Azure SQL										
Azure Cloud Service (Worker Role)										
Azure App Service (Web App)										
Azure CosmosDB										
Azure Redis Cache										
Azure IoT Hub										
Storage Account										
Nutanix Frame										
Azure Virtual Apps Essentials										
Deployment Tools										
SCCM 2016 (version 1606)										

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SCCM 2012 R2 SP1										
Built With										
FORTRAN 2017										
Desktop Types - Minimum Recommended										
<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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Server Types - Minimum Recommended										
<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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<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>	<p>Petroleum Supply Chain (PSC) suite consists of the following products: Petroleum Supply Chain Planner (PSCP), Aspen Petroleum Scheduler (APS), PIMS</p>									
When running software on a virtual machine, the machine should meet the same requirements.										
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.										
Your Aspen SLM Server must be installed and running prior to installing any V11 product.										
If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.										
For SLM server using the Type 1 Desktop configuration, the minimum memory is 4GB with 20GB hard drive.										
Microsoft Active Directory/Domain Services (Required for aspenONE Web Server)										

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<p><b>12</b> This configuration is only practical for small scale models and deployments. For most applications, best deployment practice dictates the use of a separate and dedicated database server for acceptable</p>										