



Suite	Manufacturing & Supply Chain Suite							
V10 Platform Specifications that are supported	Petroleum Supply Chain (PSC)							
	aspenONE Unified PIMS	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) Map Monitor Server 32-bit/64-bit	Aspen Fleet Optimizer (AFO) Map Monitor Client	Aspen Fleet Optimizer (AFO) (Retail) 32-bit
Microsoft SQL Server 2014 SP2 (Express Edition)								
Microsoft SQL Server 2012 SP2 (Express Edition)								
Microsoft SQL Server 2008 R2 SP3 (Express Edition)								
Oracle Client 12.1.0.2 32-bit			✓	✓				
Oracle Client 11.2.0.4 32-bit			✓	✓				
Oracle Client 12.1.0.2 64-bit								
Oracle Client 11.2.0.4 64-bit								
<b>Runtimes</b>								
.NET Framework 4.6.2	✓	✓	✓	✓	✓	✓		✓
.NET Framework 3.5								
32-bit Java 8 JRE update 91								
32-bit Java 8 JDK update 91								
64-bit Java 8 JRE update 91								
64-bit Java 8 JDK update 91								
32-bit AdoptOpenJDK Java 8 u181								
64-bit AdoptOpenJDK Java 8 u181								
MSXML 6	✓	✓	✓	✓	✓	✓	✓	✓
Silverlight 5								
Flash 10 and higher								
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 7.9 (Desktop)							✓	✓
<b>Web Browsers</b>								
Internet Explorer 11	✓	✓	✓	✓	✓	✓	✓	
Google Chrome Evergreen Version 55+	✓	✓	✓	✓	✓	✓	✓	
Safari on iOS 10+ for iPad Support								
<b>Security Frameworks</b>								

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Aspen Framework (AFW) 5					✓			
Non-Domain Security Group					✓			
Microsoft Active Directory / Active Directory Domain Services	✓							
<b>Java App (Servers)</b>								
Apache Tomcat 8.0.35								
WebLogic 12c								
<b>Web Servers</b>								
IIS 10	✓					✓		✓
IIS 8.5	✓					✓		✓
IIS 7.5	✓					✓		✓
Apache HTTP Server 2.2.xx								
<b>Reporting Services</b>								
Microsoft Report Viewer 2010 SP1								
Microsoft SQL Server 2012/2014/2016 Reporting Services		✓	✓	✓	✓			
Microsoft SQL Server 2008 R2 Reporting Services		✓	✓	✓	✓			
Crystal Reports 8.5								
Crystal Reports 11								
<b>Malware Blocking Features</b>								
EMET 5.5								
DEP						✓	✓	✓
<b>Integration Components</b>								
Aspen Supply Chain Connect								
Informatica Powercenter 10								
<b>Cloud Support *</b>								
Azure VM - Microsoft								
Amazon VM								
Azure Virtual Apps Essentials								
Nutanix Frame								
<b>Deployment Tools</b>								
SCCM 2016 (version 1606)								
SCCM 2012 R2 SP1								
<b>Desktop Types - Minimum Recommended</b>								

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<b>Type I:</b> Computer & processor: Intel Core-i5 family or faster Memory (RAM): <b>8</b> gigabytes (GB) RAM Hard Disk: <b>80</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-i5 family or faster for standalone deployment Intel Xeon E5 series, 4 cores or more for multi-user environment Memory (RAM): <b>8</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	✓						✓	
<b>Type II:</b> Computer & processor: Intel Xeon E5 series type system (4 cores) or faster Memory (RAM): <b>16</b> or above gigabytes (GB) RAM Hard Disk: <b>300</b> 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 ( <b>8</b> cores) or faster Memory (RAM): <b>32</b> or above gigabytes (GB) RAM Hard Disk: <b>500</b> 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)								

**Notes:**  
 Petroleum Supply Chain (PSC) suite consists of the following products: Petroleum Supply Chain Planner (PSCP), Aspen Petroleum Scheduler (APS), PIMS

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When running software on a virtual machine, the machine should meet the same requirements.

If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.

Your Aspen SLM Server must be installed and running prior to installing any V10 product.

We employ EMET 5.5 to harden our testing environments with the understanding that EMET will reach its EOL on July 31, 2018