

Suite	Manufacturing & Supply Chain Suite										
V12 Platform Specifications that are supported	Petroleum Supply Chain (PSC)										
	Aspen Unified 32-bit	Petroleum Supply Chain Planner (PSCP/DPO)	Aspen Petroleum Scheduler (APS) 32-bit	Multi-Blend Optimizer (MBO) 32-bit	PIMS 32-bit	Aspen Verify	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 Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Windows 8.1 Update 1 Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Windows Server 2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Windows Server 2012 R2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ubuntu Server Edition 20.04 LTS											
Ubuntu Server Edition 18.04 LTS											
Ubuntu Server Edition 16.04 LTS											
Microsoft Office											
Office 365 (Desktop/Click-to-run) (32-bit/64-bit)	✓	✓	✓	✓	✓	✓					
Office 2019 (64-bit)	✓	✓	✓	✓	✓	✓					
Office 2019 (32-bit)	✓	✓	✓	✓	✓	✓					
Office 2016 (64-bit)	✓	✓	✓	✓	✓	✓					
Office 2016 (32-bit)	✓	✓	✓	✓	✓	✓					
Office 2013 (32-bit)		✓	✓	✓	✓	✓					
Database Servers											
Microsoft SQL Server 2019 (Enterprise/Standard Edition)	✓	✓	✓	✓	✓	✓	✓			✓	
Microsoft SQL Server 2019 (Express Edition)	✓		✓	✓	✓	✓					
Microsoft SQL Server 2017 (Enterprise/Standard Edition)	✓	✓	✓	✓	✓	✓	✓			✓	
Microsoft SQL Server 2017 (Express Edition)	✓		✓	✓	✓	✓					
Microsoft SQL Server 2016 (Enterprise/Standard Edition)	✓	✓	✓	✓	✓	✓	✓			✓	
Microsoft SQL Server 2016 (Express Edition)	✓		✓	✓	✓	✓					
Microsoft SQL Server 2014 (Enterprise/Standard Edition)	✓	✓	✓	✓	✓	✓	✓			✓	
Microsoft SQL Server 2014 (Express Edition)	✓		✓	✓	✓	✓					
Microsoft SQL Server 2012 (Enterprise/Standard Edition)	✓	✓	✓	✓	✓	✓	✓			✓	

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Type II: Computer & processor: Intel Core-i5 family or faster Memory (RAM): 16 gigabytes (GB) RAM Hard Disk: 250 gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100MB/Sec	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Server Types - Minimum Recommended										
Type I: 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, 32 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 1440 x 900 or higher resolution monitor Network: 100MB/Sec	✓							✓	✓	
Type II: 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 1440 x 900 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended)										
Type III: Computer & processor: Intel Cascade Lake-based Xeon processor with 8 cores or more per processor 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 1440 x 900 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended)										
Type IV: (IIoT Gateways) Computer & processor: ARM or Intel based CPU or more Memory (RAM): 256Mb or more Hard Disk: 128Mb or more										
Type V Windows Server 2019 v1809+ Memory (RAM in GB): Minimum: 16 Recommended: 32 Cores: Minimum: 4, Recommended: 8 Disk space (GB): Minimum: 64, Recommended: 100 Network (MB/s): Minimum: 50, Recommended: 100										
Notes										

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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 V12 product.</p>										
<p>If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.</p>										
<p>For SLM server using 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>A minimum of 10GB of free space is needed to install/upgrade products.</p>										
<p>¹² 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>										
<p>²⁵ Only the version of MS Edge that uses the Google Chrome engine is supported</p>										
<p>²⁷ WVD Certification Notes –</p>										
<p>1. Publishing WVD apps to users local machine start menu not supported</p>										
<p>2. Interoperability with 3rd party products only supported with Office 365</p>										
<p>3. Aspen Properties Enterprise Database (APED) via SQL Server not supported</p>										
<p>4. The following products have not been certified for WVD: ABE, ABPD, AOL, AVCA</p>										