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Suite	Subsurface Science & Engineering (SSE)										
V14.2 Platform Specifications that are supported	Subsurface Science & Engineering (SSE)										
	Aspen Epos Services	Aspen Epos Application	Aspen Geolog Standalone	Aspen SKUA Standalone	Aspen OpsLink	Aspen Interpret	Aspen RMS	Aspen Tempest	Aspen METTE	Aspen Resview	Aspen Sysdrill
Operating Systems (64-bit only)											
Windows 11	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Windows 10 Anniversary Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2022	✓	✓	✓	✓		✓	✓				
Windows Server 2019	✓	✓	✓	✓		✓	✓		✓	✓	
Windows Server 2016											
Ubuntu Server Edition 20.04 LTS											
Ubuntu Server Edition 18.04 LTS											
Ubuntu Server Edition 16.04 LTS											
RedHat Enterprise Linux 8.4+	✓	✓	✓	✓			✓	✓			
RedHat Enterprise Linux 7.6+	✓	✓	✓	✓			✓	✓	✓		
Microsoft Office											
Office 365 (Desktop/Click-to-run) (32-bit/64-bit)										✓	
Office 2021 (64-bit)											
Office 2021 (32-bit)											
Office 2019 (64-bit)											
Office 2019 (32-bit)											

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Office 2016 (64-bit)											
Office 2016 (32-bit)											
Office 2013 (32-bit)									✓		
Database Servers											
Microsoft SQL Server 2022 (Enterprise/Standard Edition)											
Microsoft SQL Server 2022 (Express Edition)											
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)									✓		
SQL Server 2022 Local DB											
SQL Server 2014 -2019 Analysis Services											
ProgresSQL 13.2											
Oracle Database 19.x.x 64-bit											
Database Clients											
Oracle Client 19.x 32-bit											

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Oracle Client 19.x 64-bit											
Oracle Client 18.x 32-bit											
Runtimes											
.NET Framework 4.8			✓						✓		
.NET Framework 4.6											
.NET 6.0.3			✓								
Aspen AloT Cloud libraries											
ASP.NET Core 6.0.3											
64-bit Oracle Java 17 JDK LTS		✓									
64-bit Oracle Java 17 JDK LTS		✓									
64-bit Oracle Java 11 JDK LTS											
64-bit Oracle Java 8 JDK LTS											
64-bit Oracle Java 8 JDK LTS											
32-bit AdoptOpenJDK Java 17 JRE LTS											
64-bit AdoptOpenJDK Java 17 JRE LTS											
32-bit AdoptOpenJDK Java 11 JRE LTS											
64-bit AdoptOpenJDK Java 11 JRE LTS								✓			
64-bit AdoptOpenJDK Java 8 JRE LTS											
Python		✓		✓			✓	✓		✓	

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MSXML 6											
Visual Studio 2022											
Visual Studio 2019	✓	✓	✓	✓			✓				
Visual Studio 2017						✓					
Visual Studio 2015								✓	✓		
Visual Studio 2010 Tools for Office Runtime											
Microsoft Visual C++ Redistributable 2022											
Microsoft Visual C++ Redistributable 2019	✓	✓	✓	✓			✓				
Microsoft Visual C++ Redistributable 2017							✓				
Microsoft Visual C++ Redistributable 2015							✓	✓	✓		
Microsoft Visual C++ Redistributable 2013				✓					✓		
Virtualization											
Microsoft Hyper-V (Server)											
VMware ESXi Hypervisor Server 6.x (Server)											
VMWare vSphere Enterprise Plus											
Microsoft Terminal Services (Desktop)											
Citrix Virtual Apps and Desktops 7.1912 (Desktop)											
Web Browsers											
Microsoft Edge	✓	✓					✓		✓		
Google Chrome Evergreen Version 75+	✓	✓					✓		✓		

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Firefox	✓	✓					✓			✓	
Chrome on iOS 14+ for iPad Support										✓	
Safari on iOS 14+ for iPad Support										✓	
Android 10+										✓	
Security Components/Services											
Aspen Framework (AFW) 5											
TLS 1.2	✓	✓	✓				✓				
Java App (Servers)											
Apache Tomcat 9.x											
Native Web Servers											
IIS 10											
Reporting Services											
Microsoft Report Viewer 2015											
Microsoft SQL Server 2014/2016/2017/2019/ 2020/2022 Reporting Services											
Load Balancing											
F5 Load Balancing											
Integration Components											
Aspen Supply Chain Connect											
Informatica Powercenter 10.5.2											
Cloud Support *											
Azure VM - Microsoft	✓	✓	✓								✓
Amazon VM (AWS)	✓	✓	✓								

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Azure VM - Linux	✓	✓	✓								
Nutanix XiFrame											
Azure Virtual Desktop (AVD)											
AWS RDS (SQL)											
Azure SQL											
Deployment Tools											
SCCM											
Supported Versions of Fortran											
FORTRAN 2021											
Desktop Types - Minimum Recommended											
Type I: Computer & processor: Intel Core-i5 family or faster Memory (RAM in GB): 16 Hard Disk (GB): 120 Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100					✓	✓				✓	✓
Type II: Computer & processor: Intel Core-i5 family or faster Memory (RAM in GB): 16 Hard Disk (GB): 250 Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100					✓					✓	✓
Type III: Computer & processor: 4CPU >= 2.8GHz (turbo max 3.2 preferred) Memory (RAM in GB): 16 Hard Disk (GB): 100 Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100					✓					✓	✓

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Type IV: 2 x Intel Xeon 3.9GHz 8-core Memory (RAM in GB): 64GB Hard Disk (GB): 356 GB SSD Graphics Card: NVIDIA RTX A6000 GPU Monitor: 2 x 27" UHD monitors Network (MB/s): 100Mbps		✓		✓			✓	✓			
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 in GB): 16 + for standalone deployment, 32+ for multi-user environment Hard Disk (GB): 150 for standalone deployment, 300 for multi-user environment Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100											
Type II: Computer & processor: Intel Xeon Gold series type system (4 cores) or faster Memory (RAM in GB): 16 + Hard Disk (GB): 300 + Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100 (GB network recommended)											
Type III: Computer & processor: Intel Cascade Lake-based Xeon processor with 8 cores or more per processor Memory (RAM in GB): 32 or above gigabytes (GB) RAM Hard Disk (GB): 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 (MB/s): 100Mbps (Gigabyte network recommended)											
Type IV: (IIoT Gateways) Computer & processor: ARM or Intel based CPU or more Memory (RAM in GB): 256Mb or more Hard Disk (GB): 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											

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Type VI Computer & processor: Intel Xeon E class processor or equivalent with dual core min. Memory (RAM in GB): Minimum: 4 Hard Disk (GB): Minimum 50 . High IOPS drive, SSD preferred Network (MB/s): 100											
Type VII Computer & processor: Intel Xeon E class processor or equivalent with dual core min. Memory (RAM in GB): 8 + Hard Disk (GB): 100 GB min. High IOPS drive, SSD preferred Network (MB/s): 100Mbps											
Type VIII Computer & processor: Intel Xeon E class processor or equivalent with 8 cores or higher Memory (RAM in GB): 12 or above gigabytes (GB) RAM Hard Disk (GB):: 2000 min. High IOPS drive, SSD preferred Network (MB/s): 200											
Type IX Single model engironment: Computer & processor: 4 vCPU >+ 2.8 GHz Memory (RAM in GB): 8+ Hard Disk (GB): 100 Network (MB/s): 100											
Type X Single model engironment: Computer & processor: 8 vCPU >+ 3.2 GHz Memory (RAM in GB): 16+ Hard Disk (GB): 100 Network (MB/s): 100											
Type XI Multiple models within single environment (max models<=10): Computer & processor: 4 vCPU >+ 2.8 GHz (add 1.5vCPU per concurrent user) Memory (RAM in GB): 8+ (add 3GB per concurrent user) Hard Disk (GB): 100 (add .5GB per concurrent user) Network (MB/s): 100											
Type XII Multiple models within single environment (max models<=10): Computer & processor: 8 vCPU >+ 3.2 GHz (add 1.5vCPU per concurrent user) Memory (RAM in GB): 16 or above gigabytes (GB) RAM (add 4GB RAM per concurrent user) Hard Disk (GB): 100 GB min. (add .5GB per concurrent user) Network (MB/s): 100Mbps											

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Type XIII Supports 20 concurrent users: Computer & processor: 16 vCPU >+ 2.2 GHz) Memory (RAM in GB): 64 Hard Disk: 100 Network (MB/s) : 10											
Type X1V Supports 100 concurrent users: Computer & processor: 16 vCPU >+ 2.2 GHz) Memory (RAM in GB): 32 Hard Disk (GB): 100 Network (MB/s): 5											
Type XV Computer & processor: 16 vCPU >+ 2.2 GHz) Memory (RAM in GB): 32 Hard Disk (GB): 100											
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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 V14 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 aspeNE Web Server)</p>											
<p>A minimum of 10GB of free space is needed to install/upgrade products on the C drive.</p>											
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