Suite	Subsurface Science & Engineering								
V14 Platform Specifications that are supported	Geolog Standalone	SKUA-Gocad Standalone	OpsLink	RMS	Tempest MORE	Tempest ENABLE and VIEW	Mette	Resview	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)								✓	
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									
Oracle Client 19.x 64-bit									
Oracle Client 18.x 32-bit									
Runtimes									
.NET Framework 4.8		✓					✓		
.NET 6.0.3		✓							
Aspen AIoT 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		✓		✓	✓	✓		✓	
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+				✓				✓	
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)									

Azure VM - Linux									
Nutanix XiFrame									
Azure Virtual Desktop (AVD)									
AWS RDS (SQL)									
Azure SQL									
Supported Versions of Fortran									
FORTRAN 2021									
Container Support									
Docker Engine-Enterprise 19.03.x									
Docker Compose 1.26.x									
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**			✓					✓	✓

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): 100Mpbs (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**									
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): 100Mpbs									

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): 100Mpbs									
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 XIV 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	
AspenTech does t 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 V14 product.	
If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers	
For SLM server using Type 1 Desktop configuration, the minimum memory is 4GB with 20GB hard drive.	
Microsoft Active Directory/Domain Services (Required for aspeNE Web Server)	
A minimum of 10GB of free space is needed to install/upgrade products on the C	
1 Comment to be added here	

11/10/2022