## Suite

### V14.2 Platform Specifications that are supported

<table>
<thead>
<tr>
<th>Suite</th>
<th>Subsurface Science &amp; Engineering (SSE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Subsurface Science &amp; Engineering (SSE)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operating Systems (64-bit only)</td>
</tr>
<tr>
<td>Windows 11</td>
<td>✓</td>
</tr>
<tr>
<td>Windows 10 Anniversary Enterprise &amp; Professional (64-bit)</td>
<td>✓</td>
</tr>
<tr>
<td>Windows Server 2022</td>
<td>✓</td>
</tr>
<tr>
<td>Windows Server 2019</td>
<td>✓</td>
</tr>
<tr>
<td>Windows Server 2016</td>
<td>✓</td>
</tr>
<tr>
<td>Ubuntu Server Edition 20.04 LTS</td>
<td>✓</td>
</tr>
<tr>
<td>Ubuntu Server Edition 18.04 LTS</td>
<td>✓</td>
</tr>
<tr>
<td>Ubuntu Server Edition 16.04 LTS</td>
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</tr>
<tr>
<td>RedHat Enterprise Linux 8.4+</td>
<td>✓</td>
</tr>
<tr>
<td>RedHat Enterprise Linux 7.6+</td>
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## 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)
### Suite

<table>
<thead>
<tr>
<th>Suite</th>
<th>Subsurface Science &amp; Engineering (SSE)</th>
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</thead>
<tbody>
<tr>
<td><strong>V14.2 Platform Specifications that are supported</strong></td>
<td><strong>Subsurface Science &amp; Engineering (SSE)</strong></td>
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</tbody>
</table>

#### V14.2 Platform Specifications that are supported

- **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 (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
- ProgressSQL 13.2
- Oracle Database 19.x.x 64-bit

#### Database Clients

- Oracle Client 19.x 32-bit
<table>
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<thead>
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<tr>
<td>Oracle Client 19.x 64-bit</td>
<td></td>
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<tr>
<td>Oracle Client 18.x 32-bit</td>
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### Runtimes

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<thead>
<tr>
<th>Runtime</th>
<th>V14.2 Platform Specifications that are supported</th>
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<tbody>
<tr>
<td>.NET Framework 4.8</td>
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<tr>
<td>.NET Framework 4.6</td>
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<tr>
<td>.NET 6.0.3</td>
<td>✓</td>
</tr>
<tr>
<td>Aspen AIoT Cloud libraries</td>
<td></td>
</tr>
<tr>
<td>ASP.NET Core 6.0.3</td>
<td></td>
</tr>
<tr>
<td>64-bit Oracle Java 17 JDK LTS</td>
<td></td>
</tr>
<tr>
<td>64-bit Oracle Java 17 JDK LTS</td>
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<tr>
<td>64-bit Oracle Java 11 JDK LTS</td>
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<tr>
<td>64-bit Oracle Java 8 JDK LTS</td>
<td></td>
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<tr>
<td>64-bit Oracle Java 8 JDK LTS</td>
<td></td>
</tr>
<tr>
<td>32-bit AdoptOpenJDK Java 17 JRE LTS</td>
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<tr>
<td>64-bit AdoptOpenJDK Java 17 JRE LTS</td>
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<tr>
<td>32-bit AdoptOpenJDK Java 11 JRE LTS</td>
<td></td>
</tr>
<tr>
<td>64-bit AdoptOpenJDK Java 11 JRE LTS</td>
<td></td>
</tr>
<tr>
<td>64-bit AdoptOpenJDK Java 8 JRE LTS</td>
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</tr>
<tr>
<td>Python</td>
<td>✓</td>
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<td>V14.2 Platform Specifications that are supported</td>
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<td>MSXML 6</td>
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<td>Visual Studio 2022</td>
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<td>Visual Studio 2019</td>
<td>✓</td>
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<td>Visual Studio 2017</td>
<td>✓</td>
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<td>Visual Studio 2015</td>
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<td>Visual Studio 2010 Tools for Office Runtime</td>
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<tr>
<td>Microsoft Visual C++ Redistributable 2022</td>
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<tr>
<td>Microsoft Visual C++ Redistributable 2019</td>
<td>✓</td>
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<tr>
<td>Microsoft Visual C++ Redistributable 2017</td>
<td></td>
</tr>
<tr>
<td>Microsoft Visual C++ Redistributable 2015</td>
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<tr>
<td>Microsoft Visual C++ Redistributable 2013</td>
<td>✓</td>
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<tr>
<td>Virtualization</td>
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<tr>
<td>Microsoft Hyper-V (Server)</td>
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<tr>
<td>VMware ESXi Hypervisor Server 6.x (Server)</td>
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<tr>
<td>VMware vSphere Enterprise Plus</td>
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<tr>
<td>Microsoft Terminal Services (Desktop)</td>
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<tr>
<td>Citrix Virtual Apps and Desktops 7.1912 (Desktop)</td>
<td></td>
</tr>
<tr>
<td>Web Browsers</td>
<td></td>
</tr>
<tr>
<td>Microsoft Edge</td>
<td>✓</td>
</tr>
<tr>
<td>Google Chrome Evergreen Version 75+</td>
<td>✓</td>
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</table>
## V14.2 Platform Specifications that are supported

**Suite**

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<thead>
<tr>
<th>Suite</th>
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<tbody>
<tr>
<td>Aspentempest</td>
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<tr>
<td>Aspen METTE</td>
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<tr>
<td>Aspen Resview</td>
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<tr>
<td>Aspen Sysdrill</td>
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<tr>
<td>Aspen Epos Services</td>
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<tr>
<td>Aspen Epos Application</td>
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<tr>
<td>Aspen GeoLog Standalone</td>
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<tr>
<td>Aspen SKUA Standalone</td>
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<tr>
<td>Aspen Optlink</td>
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<td>Aspen Interpret</td>
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<td>Aspen RMS</td>
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<td>Aspen Temport</td>
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<td>Aspen MTTE</td>
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<tr>
<td>Aspen Review</td>
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<tr>
<td>Aspen Syrwell</td>
<td></td>
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</tbody>
</table>

### Security Components/Services

<table>
<thead>
<tr>
<th>Component</th>
<th>Supported</th>
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</thead>
<tbody>
<tr>
<td>Firefox</td>
<td>✔</td>
</tr>
<tr>
<td>Chrome on iOS 14+ for iPad Support</td>
<td>✔</td>
</tr>
<tr>
<td>Safari on iOS 14+ for iPad Support</td>
<td>✔</td>
</tr>
<tr>
<td>Android 10+</td>
<td>✔</td>
</tr>
</tbody>
</table>

### Native Web Servers

<table>
<thead>
<tr>
<th>Server</th>
<th>Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache Tomcat 9.x</td>
<td></td>
</tr>
</tbody>
</table>

### Reporting Services

<table>
<thead>
<tr>
<th>Service</th>
<th>Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Report Viewer 2015</td>
<td></td>
</tr>
</tbody>
</table>

### Load Balancing

<table>
<thead>
<tr>
<th>Load Balancing</th>
<th>Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>F5 Load Balancing</td>
<td></td>
</tr>
</tbody>
</table>

### Integration Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspen Supply Chain Connect</td>
<td></td>
</tr>
<tr>
<td>Informatica Powercenter 10.5.2</td>
<td></td>
</tr>
</tbody>
</table>

### Cloud Support *

<table>
<thead>
<tr>
<th>Cloud Provider</th>
<th>Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azure VM - Microsoft</td>
<td>✔</td>
</tr>
<tr>
<td>Amazon VM (AWS)</td>
<td>✔</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Suite</th>
<th>Subsurface Science &amp; Engineering (SSE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>V14.2 Platform Specifications that are supported</td>
<td>✓</td>
</tr>
<tr>
<td>Azure VM - Linux</td>
<td>✓</td>
</tr>
<tr>
<td>Nutanix XiFrame</td>
<td>✓</td>
</tr>
<tr>
<td>Azure Virtual Desktop (AVD)</td>
<td>✗</td>
</tr>
<tr>
<td>AWS RDS (SQL)</td>
<td>✓</td>
</tr>
<tr>
<td>Azure SQL</td>
<td>✓</td>
</tr>
<tr>
<td>Deployment Tools</td>
<td>✓</td>
</tr>
<tr>
<td>SCCM</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Supported Versions of Fortran**

FORTTRAN 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
### V14.2 Platform Specifications that are supported

**Type IV:**
- Computer & processor: ARM or Intel based CPU or more
- Memory (RAM in GB): 256Mb or more
- Hard Disk (GB): 128Mb or more

**Server Types - Minimum Recommended**

<table>
<thead>
<tr>
<th>Type</th>
<th>Computer &amp; processor</th>
<th>Memory (RAM in GB)</th>
<th>Hard Disk (GB)</th>
<th>Monitor</th>
<th>Network (MB/s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type I:</td>
<td>Intel Core-i7 family or faster for standalone deployment Intel Xeon Gold series, 4 cores or more for multi-user environment</td>
<td>16+ for standalone deployment, 32+ for multi-user environment</td>
<td>150 for standalone deployment, 300 for multi-user environment</td>
<td>Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor</td>
<td>100</td>
</tr>
<tr>
<td>Type II:</td>
<td>Intel Xeon Gold series type system (4 cores) or faster</td>
<td>16+</td>
<td>300+</td>
<td>Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor</td>
<td>100 (GB network recommended)</td>
</tr>
<tr>
<td>Type III:</td>
<td>Intel Cascade Lake-based Xeon processor with 8 cores or more per processor</td>
<td>32 or above gigabytes (GB) RAM</td>
<td>500 gigabytes (GB) or more available</td>
<td>Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor</td>
<td>100Mpbs (Gigabyte network recommended)</td>
</tr>
<tr>
<td>Type IV:</td>
<td>ARM or Intel based CPU or more</td>
<td>256Mb or more</td>
<td>128Mb or more</td>
<td>Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor</td>
<td>100Mpbs</td>
</tr>
<tr>
<td>Type V:</td>
<td>Windows Server 2019 v1809+</td>
<td>16 Recommended: 32</td>
<td>Minimum 4, Recommended: 8</td>
<td>64, Recommended: 100</td>
<td>50, Recommended: 100</td>
</tr>
</tbody>
</table>

**Emerson Classification: Confidential**
### V14.2 Platform Specifications that are supported

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

**Aspen Epos Services**

**Aspen Epos Application**

**Aspen SKUA Standalone**

**Aspen Interpret**

**Aspen RMS**

**Aspen Tempest**

**Aspen METTE**

**Aspen Review**

**Aspen Syrdell**

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Emerson Classification: Confidential
Suite| Subsurface Science & Engineering (SSE)
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**V14.2 Platform Specifications that are supported**

<table>
<thead>
<tr>
<th>Suite</th>
<th>Subsurface Science &amp; Engineering (SSE)</th>
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<tbody>
<tr>
<td>Supports 20 concurrent users.</td>
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<tr>
<td>Computer &amp; processor: 16 vCPU &gt;= 2.2 GHz</td>
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</tr>
<tr>
<td>Memory (RAM in GB): 64</td>
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</tr>
<tr>
<td>Hard Disk: 100</td>
<td></td>
</tr>
<tr>
<td>Network (MB/s): 10</td>
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<tbody>
<tr>
<td>Supports 100 concurrent users.</td>
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<tr>
<td>Computer &amp; processor: 16 vCPU &gt;= 2.2 GHz</td>
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<td>Memory (RAM in GB): 32</td>
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<tr>
<td>Hard Disk (GB): 100</td>
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<tr>
<td>Memory (RAM in GB): 32</td>
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<tr>
<td>Hard Disk (GB): 100</td>
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</table>

* In general, AspenTech aspen® 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.

AspenTech permits customer use of licensed aspen® 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.

Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.

* 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 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 aspenNE Web Server)

A minimum of 10GB of free space is needed to install/upgrade products on the C drive.