

| Suite   | Asset Performance Management                              |                          |  |                                  |                       |                           |                                 |  |   |
|---|---|--------------------------|--|----------------------------------|-----------------------|---------------------------|---------------------------------|--|---|
| V12.1 Platform Specifications that are supported        | Aspen Fideilis 64-bit                                     | 16<br>Aspen ProMV 64-bit | Aspen ProMV Online Server 64-bit<br>16 | Aspen ProMV Online Client 64-bit | Aspen Event Analytics | 16<br>Aspen Mteill 64-bit | Aspen Mteill Maestro Containers | Asset Performance Management<br>Insights <sup>30</sup> |   |
|   | <b>Operating Systems (64-bit only)</b>                    |                          |  |                                  |                       |                           |                                 |  |   |
|   | Windows 10 Anniversary Enterprise & Professional (64-bit) | ✓                        | ✓                                      |                                  | ✓                     |                           | ✓                               |  |   |
|   | Windows 8.1 Update 1 Enterprise & Professional (64-bit)   | ✓                        | ✓                                      |                                  | ✓                     |                           | ✓                               |  |   |
|   | Windows Server 2019                                       | ✓                        | ✓                                      | ✓                                | ✓                     |                           | ✓                               | ✓ <sup>26</sup>  | ✓ |
|   | 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                         |   |                          |  |                                  |                       |                           |                                 |  |   |
| <b>Microsoft Office</b>                                 |   |                          |  |                                  |                       |                           |                                 |  |   |
| 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)                                    | ✓   | ✓                        |  |                                  |                       |                           |                                 |  |   |
| <b>Database Servers</b>                                 |   |                          |  |                                  |                       |                           |                                 |  |   |
| 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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| MSXML 6  |                              |                          |  |                                  |                       | ✓                         |                                 |  |
| Visual Studio 2019                               |                              |                          |  |                                  |                       |                           |                                 |  |
| Visual Studio 2017                               | ✓                            |                          |  |                                  |                       |                           |                                 |  |
| Visual Studio 2015                               | ✓                            |                          |  |                                  |                       |                           |                                 |  |
| Visual Studio 2013                               |                              |                          |  |                                  |                       |                           |                                 |  |
| Visual Studio 2010 Tools for Office Runtime      |                              |                          |  |                                  |                       |                           |                                 | ✓  |
| Microsoft Visual C++ Redistributable 2019        |                              |                          |  |                                  |                       |                           |                                 | ✓  |
| Microsoft Visual C++ Redistributable 2017        | ✓                            | ✓                        | ✓                                      |                                  |                       | ✓                         |                                 | ✓  |
| Microsoft Visual C++ Redistributable 2015        | ✓                            | ✓                        | ✓                                      |                                  |                       | ✓                         |                                 | ✓  |
| Microsoft Visual C++ Redistributable 2013        |                              | ✓                        | ✓                                      |                                  |                       |                           |                                 |  |
| <b>Virtualization</b>                            |                              |                          |  |                                  |                       |                           |                                 |  |
| Microsoft App-V 5.1                              |                              |                          |  |                                  |                       |                           |                                 |  |
| Microsoft Hyper-V (Server)                       | ✓                            | ✓                        | ✓                                      |                                  |                       | ✓                         | ✓                               |  |
| VMware ESXi Hypervisor Server 6.x (Server)       | ✓                            | ✓                        | ✓                                      |                                  |                       | ✓                         |                                 |  |
| VMWare vSphere Enterprise Plus                   |                              |                          |  |                                  |                       |                           | ✓                               |  |
| Microsoft Terminal Services (Desktop)            | ✓                            |                          |  |                                  |                       | ✓                         |                                 |  |
| Citrix XenApp 7.18 (Desktop)                     | ✓                            | ✓                        |  |                                  |                       | ✓                         |                                 |  |
| <b>Web Browsers</b>                              |                              |                          |  |                                  |                       |                           |                                 |  |
| Internet Explorer 11                             |                              |                          |  |                                  |                       |                           |                                 |  |
| Microsoft Edge <sup>25</sup>                     | ✓ <sup>23</sup>              |                          |  | ✓                                |                       | ✓                         |                                 | ✓  |
| Google Chrome Evergreen Version 75+              | ✓ <sup>23</sup>              |                          |  | ✓                                | ✓                     | ✓                         |                                 | ✓  |
| Firefox  |                              |                          |  |                                  |                       |                           |                                 |  |
| Chrome on iOS 12+ for iPad Support               |                              |                          |  |                                  |                       |                           |                                 |  |
| Safari on iOS 13+ for iPad Support+A86           |                              |                          |  |                                  |                       |                           |                                 |  |
| <b>Security Components/Services</b>              |                              |                          |  |                                  |                       |                           |                                 |  |
| Aspen Framework (AFW) 5                          |                              |                          | ✓                                      |                                  |                       |                           |                                 |  |
| <b>Java App (Servers)</b>                        |                              |                          |  |                                  |                       |                           |                                 |  |
| Apache Tomcat 9.0+                               |                              |                          | ✓                                      |                                  |                       |                           |                                 |  |

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| <b>Native Web Servers</b>  |                              |                          |  |                                  |                       |                           |                                 |   |
| IIS 10   |                              |                          |  |                                  |                       |                           |                                 |   |
| IIS 8.5  |                              |                          |  |                                  |                       |                           |                                 |   |
| <b>Reporting Services</b>  |                              |                          |  |                                  |                       |                           |                                 |   |
| Microsoft Report Viewer 2015                                     |                              |                          |  |                                  |                       |                           |                                 |   |
| Microsoft SQL Server 2012/2014/2016/2017/2019 Reporting Services |                              |                          |  |                                  |                       |                           |                                 |   |
| <b>Load Balancing</b>  |                              |                          |  |                                  |                       |                           |                                 |   |
| F5 Load Balancing  |                              |                          |  |                                  |                       |                           |                                 |   |
| <b>Integration Components</b>                                    |                              |                          |  |                                  |                       |                           |                                 |   |
| Aspen Supply Chain Connect                                       |                              |                          |  |                                  |                       |                           |                                 |   |
| Informatica Powercenter 10.4                                     |                              |                          |  |                                  |                       |                           |                                 |   |
| <b>Cloud Support *</b>   |                              |                          |  |                                  |                       |                           |                                 |   |
| Azure VM - Microsoft   | ✓                            | ✓                        | ✓                                      | ✓                                |                       | ✓                         |                                 |   |
| Amazon VM (AWS)  | ✓                            | ✓                        | ✓                                      | ✓                                | ✓                     | ✓                         |                                 |   |
| Azure VM - Linux   |                              |                          |  |                                  | ✓                     |                           |                                 |   |
| Nutanix XiFrame  |                              |                          |  |                                  |                       |                           |                                 |   |
| Virtual Apps Essentials  |                              |                          |  |                                  |                       |                           |                                 |   |
| Windows Virtual Desktop (WVD Fall 2019 Release) <sup>27</sup>    |                              |                          |  |                                  |                       |                           |                                 |   |
| <b>Deployment Tools</b>  |                              |                          |  |                                  |                       |                           |                                 |   |
| SCCM   |                              |                          |  |                                  |                       |                           |                                 |   |
| <b>Supported Versions of Fortran</b>                             |                              |                          |  |                                  |                       |                           |                                 |   |
| FORTRAN 2019   |                              | ✓                        | ✓                                      |                                  |                       |                           |                                 |   |
| <b>Container Support</b>   |                              |                          |  |                                  |                       |                           |                                 |   |
| Docker Engine-Enterprise 19.03.x                                 |                              |                          |  |                                  |                       |                           | ✓                               |   |
| Docker Compose 1.26.x  |                              |                          |  |                                  |                       |                           | ✓                               |   |
| <b>Desktop Types - Minimum Recommended</b>                       |                              |                          |  |                                  |                       |                           |                                 |   |

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| <b>Type I:</b><br>Computer & processor: Intel Core-i5 family or faster<br>Memory (RAM): <b>16</b> gigabytes (GB) RAM<br>Hard Disk: <b>120</b> gigabytes (GB) available<br>Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor<br>Network: 100MB/Sec   | ✓                            | ✓                            |  | ✓                                |                       |                               |                                 |   |
| <b>Type II:</b><br>Computer & processor: Intel Core-i5 family or faster<br>Memory (RAM): <b>16</b> gigabytes (GB) RAM<br>Hard Disk: <b>250</b> gigabytes (GB) available<br>Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor<br>Network: 100MB/Sec  |                              |                              |  |                                  |                       | ✓                             |                                 |   |
| <b>Server Types - Minimum Recommended</b>  |                              |                              |  |                                  |                       |                               |                                 |   |
| <b>Type I:</b><br>Computer & processor: Intel Core-i7 family or faster for standalone deployment<br>Intel Xeon Gold series, <b>4</b> cores or more for multi-user environment<br>Memory (RAM): <b>16</b> or above gigabytes (GB) RAM for standalone deployment, <b>32</b> or above gigabytes (GB) RAM for multi-user environment<br>Hard Disk: <b>150</b> gigabytes (GB) available for standalone deployment, <b>300</b> gigabytes (GB) for multi-user environment<br>Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor<br>Network: 100MB/Sec | ✓                            |                              |  |                                  |                       |                               |                                 |   |
| <b>Type II:</b><br>Computer & processor: Intel Xeon Gold series type system ( <b>4</b> cores) or faster<br>Memory (RAM): <b>16</b> or above gigabytes (GB) RAM<br>Hard Disk: <b>300</b> gigabytes (GB) or more available<br>Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor<br>Network: 100MB/Sec (Gigabyte network recommended)  |                              |                              |  |                                  |                       |                               |                                 | ✓   |
| <b>Type III:</b><br>Computer & processor: Intel Cascade Lake-based Xeon processor with <b>8</b> cores or more per processor<br>Memory (RAM): <b>32</b> or above gigabytes (GB) RAM<br>Hard Disk: <b>500</b> gigabytes (GB) or more available<br>Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor<br>Network: 100MB/Sec (Gigabyte network recommended)  |                              |                              | ✓  |                                  |                       | ✓                             |                                 |   |
| <b>Type IV: (IIoT Gateways)</b><br>Computer & processor: ARM or Intel based CPU or more<br>Memory (RAM): <b>256Mb</b> or more<br>Hard Disk: <b>128Mb</b> or more   |                              |                              |  |                                  |                       |                               |                                 |   |
| <b>Type V</b><br>Windows Server 2019 v1809+<br>Memory (RAM in GB): Minimum: 16 Recommended: 32<br>Cores: Minimum: 4, Recommended: 8<br>Disk space (GB): Minimum: 64, Recommended: 100<br>Network (MB/s): Minimum: 50, Recommended: 100   |                              |                              |  |                                  |                       |                               | ✓                               |   |
| <b>Notes</b>   |                              |                              |  |                                  |                       |                               |                                 |   |

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| <p>* In general, AspenTech aspenONE® 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.</p> <p>AspenTech permits customer use of licensed aspenONE 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.</p> <p>Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.</p> | <p>aspenONE Asset Performance Management suite consists of the following products: Aspen Fidelis, Aspen ProMV, Aspen Event Analytics, Aspen Mteill and Aspen Performance Management Insights</p> |                          |                                     |                                  |                       |                          |                                 |   |
| <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><sup>16</sup> Non-English OS's are not supported</p>  |  |                          |                                     |                                  |                       |                          |                                 |   |
| <p><sup>17</sup> If using IBM Maximo Adapter</p>   |  |                          |                                     |                                  |                       |                          |                                 |   |
| <p><sup>25</sup> Only the version of MS Edge that uses the Google Chrome engine is supported</p>   |  |                          |                                     |                                  |                       |                          |                                 |   |
| <p><sup>30</sup> APM Insights must be installed on the same server as AEI.</p>   |  |                          |                                     |                                  |                       |                          |                                 |   |