

[Link to to the AspenTech Summary of Strategy & Plans](#)

| Suite | Engineering Suite | | | | | | | | |
|--|---|---|--|--|---|--|---------------------------------|---------------------------|---|
| V11.1 Platform Specifications that are supported | AES Property System 64-bit | Process Modeling (Aspen Plus) 64-bit | Exchanger Design & Rating (EDR) 64-bit ² | Process Modeling (Aspen HYSYS) 64-bit | Economic Evaluation (EE) 32-bit ⁷ | Basic Engineering Desktop Client 32-bit | Basic Engineering Server 64-bit | Aspen Online (AOL) 64-bit | |
| | Operating Systems (64-bit only) | | | | | | | | |
| | Windows 10 Anniversary (1809 LTSC) Enterprise & Professional (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Windows 8.1 Update 1 Enterprise & Professional (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Windows 7 Enterprise & Professional SP1 (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Windows Server 2016 (build#1709) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Windows Server 2012 R2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Windows Server 2008 R2 SP1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ubuntu Server Edition 16.04 LTS | | | | | | | | |
| Advantech Smart Router Series coLinux | | | | | | | | | |
| Safari on iOS 11+ for iPad Support | | | | | | | | | |
| Microsoft Office | | | | | | | | | |
| Office 365 (Desktop/Click-to-run) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Office 2016 (64-bit) Products to transition to 64-bit Office | ✓ | ✓ ³ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Office 2016 (32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Office 2013 SP1 (32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Office 2010 SP2 (32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Database Servers | | | | | | | | | |
| Microsoft SQL Server 2017 (Enterprise/Standard Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | | |
| Microsoft SQL Server 2017 (Express Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | | |
| Microsoft SQL Server 2016 SP1 (Enterprise/Standard Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | | |
| Microsoft SQL Server 2016 SP1 (Express Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | | |
| Microsoft SQL Server 2014 SP2 (Enterprise/Standard Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | | |

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| Microsoft SQL Server 2014 SP2 (Express Edition) | ✓ | ✓ ⁴ | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Microsoft SQL Server 2012 SP3 (Enterprise/Standard Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | |
| Microsoft SQL Server 2012 SP3 (Express Edition) | ✓ | ✓ | | ✓ | ✓ | | ✓ | |
| SQL Server Local DB | ✓ | ✓ | ✓ ⁵ | ✓ | ✓ | | ✓ | |
| SQL Server 2012 Analysis Services | | | | | | | | |
| Oracle Database 12.2.x 64-bit | | | | | | | ✓ | |
| Oracle Database 11.2.x 64-bit | | | | | | | ✓ | |
| Database Clients | | | | | | | | |
| Microsoft SQL Server 2017 (Express Edition) | | | | | | | | |
| Microsoft SQL Server 2016 SP1 (Express Edition) | | | | | | | | |
| Microsoft SQL Server 2014 SP2 (Express Edition) | | | | | | | | |
| Microsoft SQL Server 2012 SP2 (Express Edition) | | | | | | | | |
| Microsoft SQL Server 2008 R2 SP3 (Express Edition) | | | | | | | | |
| Oracle Client 18.3 32-bit | | | | | | | | |
| Oracle Client 18.3 64-bit | | | | | | | | |
| Oracle Client 12.1.0.2 32-bit | | | | | | | | |
| Oracle Client 11.2.0.4 32-bit | | | | | | | | |
| Oracle Client 12.2.x 64-bit | | | | | | | ✓ | |
| Oracle Client 11.2.x 64-bit | | | | | | | ✓ | |
| Runtimes | | | | | | | | |
| .NET Framework 4.7.1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| .NET Framework 4.0 | | | | | | | | |
| .NET Framework 3.5 | | | | | | | | |
| 32-bit Java 8 JRE update 151 | | | | | ✓ | | | |
| 32-bit Java 8 JDK update 151 | | | | | ✓ | | | |
| 64-bit Java 8 JRE update 151 | | | | | ✓ | | | |
| 64-bit Java 8 JDK update 151 | | | | | ✓ | | | |

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| 32-bit AdoptOpenJDK Java 8 u181 | | | | | | | | |
| 64-bit AdoptOpenJDK Java 8 u181 | | | | | | | | |
| MSXML 6 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Visual Studio 2013, 2015, 2017 | | | | | | | | |
| Microsoft Visual C++ Redistributable 2017 | | | ✓ | ✓ | | | | |
| Microsoft Visual C++ Redistributable 2015 | | | ✓ | ✓ | | | | |
| Microsoft Visual C++ Redistributable 2013 | | | ✓ | ✓ | | | | |
| Visual Studio 2010 Tools for Office Runtime | | | | | | ✓ | | |
| Virtualization | | | | | | | | |
| Microsoft App-V 5.1 | | | | | | | | |
| Microsoft Hyper-V (Server) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| VMware vSphere 6.7 (Server) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Microsoft Terminal Services (Desktop) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| Citrix XenApp 7.14 (Desktop) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| Web Browsers | | | | | | | | |
| Internet Explorer 11 | ✓ | ✓ | | ✓ | ✓ | | | ✓ |
| Microsoft Edge | ✓ | | | | | | | |
| Google Chrome Evergreen Version 75+ | ✓ | | | | | | | |
| Safari on iOS 11+ for iPad Support | | | | | | | | |
| Security Components/Services | | | | | | | | |
| Aspen Framework (AFW) 5 | | | | | | | | |
| Non-Domain Security Group | | | | | | | | |
| Microsoft Active Directory / Active Directory Domain Services | | | | | | | | |
| Java App (Servers) | | | | | | | | |

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| Apache Tomcat 8.5+ | | | | | | | | |
| Web Servers | | | | | | | | |
| IIS 10 | | | | | | | ✓ | |
| IIS 8.5 | | | | | | | ✓ | |
| IIS 7.5 | | | | | | | ✓ | |
| Reporting Services | | | | | | | | |
| Microsoft Report Viewer 2010 SP1 | | | | | ✓ | | | |
| Microsoft SQL Server 2008 R2/2012/2014/2016/2017 Reporting Services | | | | | | | | |
| Crystal Reports 8.5 | | | | | | | | |
| Crystal Reports 11 | | | | | ✓ | | | |
| Malware Blocking Features | | | | | | | | |
| DEP-Data Execution Prevention | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Integration Components | | | | | | | | |
| Aspen Supply Chain Connect | | | | | | | | |
| Informatica Powercenter 10.2 HF1 | | | | | | | | |
| Cloud Support * | | | | | | | | |
| Azure VM - Microsoft | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| Amazon VM (AWS) | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| Azure VM - Linux | | | | | | | | |
| Azure SQL | | | | | | | | |
| Azure Cloud Service (Worker Role) | | | | | | | | |
| Azure App Service (Web App) | | | | | | | | |
| Azure CosmosDB | | | | | | | | |

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| Azure Redis Cache | | | | | | | | |
| Azure IoT Hub | | | | | | | | |
| Storage Account | | | | | | | | |
| Nutanix Frame | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| Azure Virtual Apps Essentials | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| Deployment Tools | | | | | | | | |
| SCCM 2016 (version 1606) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| SCCM 2012 R2 SP1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| Built With | | | | | | | | |
| FORTRAN 2017 | | ✓ ⁶ | | | | | | |
| Desktop Types - Minimum Recommended | | | | | | | | |
| Type I: Computer & processor: Intel Core-i5 family or faster Memory (RAM): 16 gigabytes (GB) RAM Hard Disk: 120 gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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 1280 x 1024 or higher resolution monitor Network: 100MB/Sec | | | | | | | | |
| Server Types - Minimum Recommended | | | | | | | | |

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| 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, 16 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 1280 x 1024 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 1280 x 1024 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended) | | | | | | | | |
| Type III: Computer & processor: 4 x Intel (8 cores) or faster 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 1280 x 1024 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended) | ✓ ¹ | | | | | | | ✓ ¹ |
| Type IV: (IIoT Gateways) Computer & processor: ARM or Intel based CPU or more Memory (RAM): 256Mb or more Hard Disk: 128Mb or more | | | | | | | | |
| Notes | | | | | | | | |
| <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 Engineering suite consists of the following products: Aspen Plus family, Aspen HYSYS family, Aspen Exchanger Design & Rating (EDR), Aspen Economic Evaluation (EE), Aspen Basic Engineering (ABE), aspenONE Web Server, and aspenONE Exchange.</p> | | | | | | | | |

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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 V11 product.</p> | | | | | | | | |
| <p>If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.</p> | | | | | | | | |
| <p>For SLM server using the 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>¹ This configuration is only practical for small scale models and deployments. For most applications, best</p> | | | | | | | | |
| <p>² EDR does not use any database servers. Deploys its own LocalDB database files.</p> | | | | | | | | |
| <p>³ Aspen Batch Process Developer does not support the 64-bit version of Visio. Visio is used in ABPD to generate the block diagram and process flow diagram reports; it is an optional feature. The 64-bit versions of Word and Excel are fully supported by ABPD.</p> | | | | | | | | |
| <p>⁴ When Aspen Utility model is driven by Aspen Online using Local System Account, then SQL Express 2014 is required.</p> | | | | | | | | |
| <p>⁵ When Exchanger Design and Rating is driven by Aspen Online using Local System Account, then SQL Express 2014 is required</p> | | | | | | | | |
| <p>⁶ Aspen Modeler family supports FORTRAN compiler version 2017 or 2019</p> | | | | | | | | |
| <p>⁷ Oracle Java is needed if the 3rd party scheduling application Primavera is used with Economic Evaluation (EE). Primavera is owned by Oracle and its API uses Java.</p> | | | | | | | | |