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Suite	Engineering Suite												
V14.2 Platform Specifications that are supported	Aspen AI Model Builder	AES Property System	Process Modeling (Aspen Plus)	Exchanger Design & Rating (EDR) ²	Process Modeling (Aspen HYSYS)	Economic Evaluation (EE) ⁷	Aspen Multi-Case	Aspen OptiPlant ³²	Aspen OptiRouter for E3D	Aspen OptiRouter S3D	Aspen Basic Engineering Desktop Client	Aspen Basic Engineering Server	Aspen Online (AOL)
Operating Systems (64-bit only)													
Windows 11	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Windows 10 Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Windows Server 2022 ^{33, 45}		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Windows Server 2019 ^{33, 45}		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Windows Server 2016 ^{33, 45}		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Ubuntu Server Edition 20.04 LTS													
Ubuntu Server Edition 18.04 LTS													
Ubuntu Server Edition 16.04 LTS													
Microsoft Office													
Office 365 (Desktop/Click-to-run) (32-bit/64-bit)		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Office 2021 (64-bit)		✓	✓ ³	✓	✓	✓	✓	✓			✓	✓	✓
Office 2021 (32-bit)		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Office 2019 (64-bit)		✓	✓ ³	✓	✓	✓	✓	✓			✓	✓	✓
Office 2019 (32-bit)		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Office 2016 (64-bit)		✓	✓ ³	✓	✓	✓	✓	✓			✓	✓	✓
Office 2016 (32-bit)		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Office 2013 (32-bit)		✓	✓	✓	✓								✓
Database Servers													
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)		✓	✓		✓		✓					✓	

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IIS 10												✓	
Reporting Services													
Microsoft Report Viewer 2015						✓							
Microsoft SQL Server 2014/2016/2017/2019/ 2020/2022 Reporting Services													
Load Balancing													
FS Load Balancing													
Integration Components													
Aspen Supply Chain Connect													
Informatica Powercenter 10.5.2													
Cloud Support *													
Azure VM (Microsoft)		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
AWS VM (Amazon)		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Azure VM - Linux													
Azure Virtual Desktop (AVD) ²⁷		✓	✓	✓	✓	✓	✓	✓			✓		✓
AWS RDS (SQL)													
Azure SQL													
Deployment Tools													
SCCM	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Supported Versions of Fortran													
FORTRAN 2021			✓ ⁶										
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): 100Mbps	✓	✓ ²²	✓ ²²	✓ ²²	✓ ²²	✓ ^{22, 44}	✓	✓ ³²			✓	✓	✓ ²²

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Type XVI Computer & processor: 16 CPU Memory (RAM in GB): 64 or above gigabytes (GB) RAM Hard Disk (GB): 2000 gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100Mbps (Gigabyte network recommended)													
Type XVII Computer & processor: 32 CPU Memory (RAM in GB): 256 or above gigabytes (GB) RAM Hard Disk (GB): 2000 gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100Mbps (Gigabyte network recommended)													
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>	aspenONE Engineering suite consists of the following products: AI Model Builder, Aspen Plus family, Aspen HYSYS family, Aspen Exchanger Design & Rating (EDR), Aspen Economic Evaluation (EE), Aspen Multi-Case, Aspen OptiPlant, Aspen Basic Engineering (ABE), aspenONE Web Server, and aspenONE Exchange.												
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 aspenONE Web Server)													
A minimum of 10GB of free space is needed to install/upgrade products on the C drive.													
¹ This configuration is only practical for small scale models and deployments. For most applications, best deployment practice dictates the use of a separate and dedicated database server for acceptable performance													
² EDR does not use any database servers. Deploys its own LocalDB database files.													

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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.													
⁴ When Aspen Utility model is driven by Aspen Online using Local System Account, then SQL Express 2014 is required.													
⁵ When Exchanger Design and Rating is driven by Aspen Online using Local System Account, then SQL Express 2014 is required													
⁶ Aspen Modeler family supports FORTRAN compiler version 2020													
⁷ Oracle or AdoptOpenJDK 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.													
⁸ Must be in compatibility mode for Aspen Process Sequencer													
⁹ See "Basic Deployment Recommendations" in Appendix C of the Aspen Manufacturing Suite Advanced Process Control Installation Guide.													
¹⁰ For new installations of APC Web Server, install IIS and JRE before installing APC Web Server													
¹¹ CIM-IO Interfaces can be installed on 32-bit desktops													
¹² This configuration is only practical for small scale models and deployments. For most applications, best deployment practice dictates the use of a separate and dedicated database server for acceptable performance.													
¹⁴ Only Web Download Excel Add-in requires Excel.													
¹⁵ Users need to install both the 32-bit and 64-bit Oracle Clients 19.x for building and running reports													
¹⁶ Non-English OS's are not supported													
¹⁹ SLM supported in cloud (Azure VM/Amazon VM) for ENG products that are supported in the cloud													
²⁰ If FIPS is enabled, aspenONE Exchange users must have the latest Windows Update patches installed on their machine.													
²¹ Office 365 - 32-bit support only													
²² Server-grade systems are not required but still supported.													
²³ Browser Support as it relates to Knowledge Delivery only													
²⁴ ATOMS Web does not support Oracle													
²⁵ Only the version of MS Edge that uses the Google Chrome engine is supported													

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26 Maestro supports Windows Server 2019 version 1809+													
27 WVD Certification Notes – 1. Publishing WVD apps to users local machine start menu not supported 2. Interoperability with 3rd party products only supported with Office 365 3. Aspen Properties Enterprise Database (APED) via SQL Server not supported 4. The following products have not been certified for WVD: ABE, ABPD, AVCA													
28 APEM does not support CDB-PDB database in Oracle 19. Weigh & Dispense Client 32-bit does not support Oracle													
29 SCCM support for APEx only													
30 APM Insights must be installed on the same server as AEI.													
31 When you have more than 8 simultaneous users, the recommendation is 2CPU's and 4GB RAM per user. Performance will vary based on product and usage profiles. This can be													
32 OptiPlant requires a graphic card which supports OpenGL 4.1													
33 Includes support for Windows Server Datacenter													
34 Browser support for AFO Connect													
35 Type II is the minimum recommended when IP.21 is used with Aspen Enterprise IP.21													
36 Small SLM Server													
37 Medium SLM Server													
38 Large SLM Server													
39 These applications can run on a desktop, but it is recommended to run models on a server													
40 This Application Should be installed on a dedicated Web Server.													
41 Require db needs to be created in MS SQL using Mtell and then migrated to the target platform													
42 "Desktop Experience" installation of Windows Server. Windows Server installers present the option to install with or without "Desktop Experience". For GDOT, "Desktop Experience" is required.													
43 SQL is needed for S3D Layout, SQL versions 2014 and 2016 are supported by Hexagon													
44 Resolution no higher than 1920x1080													
45 Refer to the AspenTech Lifecycle Knowledge Base article to see a reference to the supported Windows Server upgrade path: https://esupport.aspentech.com/S_ProductLifecyclePolicy													
46 The selected product uses Java 11 JRE as Oracle do not have an option to download JRE, please use Oracle JDK download													

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⁴⁷ SQL Server 2014 does not support AT TIME ZONE functionality.. Due to this, Daylight Saving time will not be accounted for in the database views defined in Unified Scheduling Results database.													
⁴⁸ Only Excel Document template does require Excel													
⁴⁹ Only Core service requires MongoDB													
2/27/2023													