

Suite	AI of Things												
V14 Platform Specifications that are supported	Aspen Cloud	Aspen Enterprise Insights	Aspen Cloud Connect	Manufacturing Execution Systems (MES) Desktop Apps	Manufacturing Execution Systems (MES) Admin Tools	aspenONE Web Server	aspenONE Process Explorer Client (A1PE)	InfoPlus21 (IP.21) Server	Cim-IO Interfaces ¹¹	Aspen Infrastructure(ADSA)	aspenONE Integration Foundation: EIF	aspenONE Integration Foundation:MDM	Aspen Production Record Manager (APRM) Server
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)				✓	✓		✓ ¹⁴					✓ ²¹	
Office 2021 (64-bit)				✓	✓		✓ ¹⁴						
Office 2021 (32-bit)				✓	✓		✓ ¹⁴					✓	
Office 2019 (64-bit)				✓	✓		✓ ¹⁴						
Office 2019 (32-bit)				✓	✓		✓ ¹⁴					✓	
Office 2016 (64-bit)				✓	✓		✓ ¹⁴						
Office 2016 (32-bit)				✓	✓		✓ ¹⁴					✓	
Office 2013 (32-bit)				✓	✓		✓ ¹⁴					✓	
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)													
Microsoft SQL Server 2014 (Enterprise/Standard Edition)		✓						✓				✓	✓
Microsoft SQL Server 2014 (Express Edition)													
SQL Server 2019 Local DB													
SQL Server 2014 -2019 Analysis Services													
PostgreSQL 13.2			✓										
Oracle Database 19.x.x 64-bit								✓				✓	✓
Database Clients													

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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: 100 Mbps													
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: 100Mbps													
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: 200Mbps													
Type IX Single model environment: Computer & processor: 4 vCPU > + 2.8 GHz Memory (RAM in GB): 8+ Hard Disk (GB): 100 Network: 100Mbps													
Type X Single model environment: Computer & processor: 8 vCPU > + 3.2 GHz Memory (RAM in GB): 16+ Hard Disk (GB): 100 Network: 100Mbps													
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: 100Mbps													
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: 100Mbps													
Type XIII Supports 20 concurrent users: Computer & processor: 16 vCPU > + 2.2 GHz Memory (RAM in GB): 64 Hard Disk: 100 Network: 10 Mbps													
Type XIV Supports 100 concurrent users: Computer & processor: 16 vCPU > + 2.2 GHz Memory (RAM in GB): 32 Hard Disk (GB): 100 Network: 5 Mbps													
Type XV Computer & processor: 16 vCPU > + 2.2 GHz Memory (RAM in GB): 32 Hard Disk (GB): 100Mbps													

Notes

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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>Aspen Internet of Things includes the following products: Aspen Data Science Studio, Aspen Cloud, Aspen Enterprise Insights, Aspen Edge Connect, Aspen Cloud Connect, Manufacturing Execution Systems (MES) Desktop Apps, aspenONE Web Server, aspenONE Process Explorer Client (A1PE), InfoPlus.21 (IP.21) Server, Cim-IO Interfaces, Aspen Infrastructure(ADSA), aspenONE Integration Foundation (EIF), aspenONE Integration Foundation (mMDM) and Aspen Production Record Manager (APRM) Server</p>												
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.													
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.													

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- 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
- 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.

10/25/2022