

****Aspentech Disclaimer**

Aspen Technology may provide information regarding possible future product developments including new products, product features, product interfaces, integration, design, architecture, etc. that may be represented as "product roadmaps or product visions." Any such information is for discussion purposes only and does not constitute a commitment by Aspen Technology to do or deliver anything in these product roadmaps or otherwise. Any such commitment must be explicitly set forth in a written contract between the customer and Aspen Technology, executed by an authorized officer of each company

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | |
|---|---------------------------------------|--|---|---------------------|---|----------------------------|---------------------------------|----------------------------|---|---|
| V14.5 Platform Specifications that are supported | Manufacturing Execution Systems (MES) | | | | | | | | | |
| | Aspen Cloud Connect | Manufacturing Execution Systems (MES) Desktop Apps | Manufacturing Execution Systems (MES) Admin Tools | aspenONE Web Server | aspenONE Process Explorer Client (A1PE) | InfoPlus.21 (IP.21) Server | Cim-IO Interfaces ¹¹ | Aspen Infrastructure(ADSA) | Aspen Production Record Manager (APRM) Server | |
| Operating Systems (64-bit only) | | | | | | | | | | |
| Windows 11 Enterprise & Professional (64-bit) | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 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 | | | | | | | | | | |
| RedHat Enterprise Linux 8.8+ | | | | | | | | | | |
| RedHat Enterprise Linux 7.6+ | | | | | | | | | | |
| Microsoft Office | | | | | | | | | | |
| Office 365 (Desktop/Click-to-run) (32-bit/64-bit) | | ✓ | ✓ | | ✓ ¹⁴ | | | | | |
| 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 | | | | | |
| Database Servers | | | | | | | | | | |
| Microsoft SQL Server 2022 (Enterprise/Standard Edition) | ✓ | | | | | ✓ | | | ✓ | |
| Microsoft SQL Server 2022 (Express Edition) | ✓ | | | | | | | | | |
| Microsoft SQL Server 2019 (Enterprise/Standard Edition) | ✓ | | | | | ✓ | | | ✓ | |
| Microsoft SQL Server 2019 (Express Edition) | ✓ | | | | | | | | | |
| Microsoft SQL Server 2017 (Enterprise/Standard Edition) | ✓ | | | | | ✓ | | | ✓ | |

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | |
|---|---------------------------------------|--|---|---------------------|---|----------------------------|---------------------------------|----------------------------|---|--|
| V14.5 Platform Specifications that are supported | Manufacturing Execution Systems (MES) | | | | | | | | | |
| | Aspen Cloud Connect | Manufacturing Execution Systems (MES) Desktop Apps | Manufacturing Execution Systems (MES) Admin Tools | aspenONE Web Server | aspenONE Process Explorer Client (A/PE) | InfoPlus.21 (IP.21) Server | Cim-IO Interfaces ¹¹ | Aspen Infrastructure(ADSA) | Aspen Production Record Manager (APRM) Server | |
| Type I: Computer & processor: Intel Core-i5 family or faster Memory (RAM in GB): 16 Hard Disk (GB): 120 Free Space - SSD recommended Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100Mbps | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | |
| 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): 100Mbps | | | | | | | | | | |
| Type III: Computer & processor: 4CPU >= 2.8GHz (turbo max 3.2 preferred) Memory (RAM in GB): 16 Hard Disk (GB): 500 Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network (MB/s): 100Mbps | | | | | | | | | | |
| Type IV: 2 x Intel Xeon 3.9GHz 8-core Memory (RAM in GB): 64GB Hard Disk (GB): 356 GB SSD Graphics Card: NVIDIA RTX A6000 GPU Monitor: 2 x 27" UHD monitors Network (MB/s): 100Mbps | | | | | | | | | | |
| Server Types - Minimum Recommended | | | | | | | | | | |
| 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 in GB): 16 + for standalone deployment, 32+ for multi-user environment Hard Disk (GB): 150 for standalone deployment, 300 for multi-user environment Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100 Mbps | ✓ | | | | | | ✓ | | ✓ | |
| Type II: Computer & processor: Intel Xeon Gold series type system (4 cores) or faster Memory (RAM in GB): 16 + Hard Disk (GB): 300 + Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100 Mbps | | | | | | ✓ ³⁵ | | | | |
| Type III: Computer & processor: Intel Cascade Lake-based Xeon processor with 8 cores or more per processor Memory (RAM in GB): 32 or above gigabytes (GB) RAM Hard Disk (GB): 500 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) | | | | ✓ | ✓ | | | | | |

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | | |
|--|--|--|---|---------------------|---|---------------------------|---------------------------------|----------------------------|---|--|--|
| V14.5 Platform Specifications that are supported | Manufacturing Execution Systems (MES) | | | | | | | | | | |
| | Aspen Cloud Connect | Manufacturing Execution Systems (MES) Desktop Apps | Manufacturing Execution Systems (MES) Admin Tools | aspenONE Web Server | aspenONE Process Explorer Client (A1PE) | InfoPlus.21 (IP21) Server | Cim-IO Interfaces ¹¹ | Aspen Infrastructure(ADSA) | Aspen Production Record Manager (APRM) Server | | |
| | Type X1V 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 | | | | | | | | | | |
| | 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> | <p>Manufacturing Execution Systems (MES) suite consists of the following products: Aspen InfoPlus.21 (IP21), Aspen Production Record Manager (APRM), Aspen Unified Reconciliation and Accounting (AURA), Plant Operations 32-bit (ATOMS Server), Plant Operations 32-bit (ATOMS Client), Plant Operations 32-bit (AORA Server), Plant Operations 32-bit (AORA Client), Aspen Production Execution Manager (APEM) Server, APEM Mobile, Weigh & Dispense Client, Aspen Reporting Framework</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 V14 product.</p> | | | | | | | | | | | |

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | | |
|---|---------------------------------------|--|---|---------------------|---|----------------------------|-------------------------|----------------------------|---|--|--|
| V14.5 Platform Specifications that are supported | Manufacturing Execution Systems (MES) | | | | | | | | | | |
| | Aspen Cloud Connect | Manufacturing Execution Systems (MES) Desktop Apps | Manufacturing Execution Systems (MES) Admin Tools | aspenONE Web Server | aspenONE Process Explorer Client (A1PE) | InfoPlus.21 (IP.21) Server | 11 Cim-IO Interfaces | Aspen Infrastructure(ADSA) | Aspen Production Record Manager (APRM) Server | | |
| 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 | | | | | | | | | | | |
| 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. | | | | | | | | | | | |
| 13 Refer to KB 50134 For more information on configuring SCM products using Azure and AWS: https://esupport.aspentech.com/S_Article?id=000050134 | | | | | | | | | | | |
| 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 | | | | | | | | | | | |

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | | |
|---|---------------------------------------|--|---|---------------------|---|---------------------------|---------------------------------|----------------------------|---|--|--|
| V14.5 Platform Specifications that are supported | Manufacturing Execution Systems (MES) | | | | | | | | | | |
| | Aspen Cloud Connect | Manufacturing Execution Systems (MES) Desktop Apps | Manufacturing Execution Systems (MES) Admin Tools | aspenONE Web Server | aspenONE Process Explorer Client (A1PE) | InfoPlus.21 (IPZ1) Server | Cim-IO Interfaces ¹¹ | Aspen Infrastructure(ADSA) | Aspen Production Record Manager (APRM) Server | | |
| 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 | | | | | | | | | | | |
| 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 | | | | | | | | | | | |

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | | |
|--|---|--|---|---------------------|---|----------------------------|---------------------------------|----------------------------|---|--|--|
| V14.5 Platform Specifications that are supported | Manufacturing Execution Systems (MES) | | | | | | | | | | |
| | Aspen Cloud Connect | Manufacturing Execution Systems (MES) Desktop Apps | Manufacturing Execution Systems (MES) Admin Tools | aspenONE Web Server | aspenONE Process Explorer Client (A1PE) | InfoPlus.21 (IP.21) Server | Cim-IO Interfaces ¹¹ | Aspen Infrastructure(ADSA) | Aspen Production Record Manager (APRM) Server | | |
| | 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 | | | | | | | | | | |
| | 50 Applicable only for OpenviewNET client applications that connect to the Operational Insights server. | | | | | | | | | | |
| | 51 Applicable only for Aspen Mtell Client applications like Aspen Mtell Agent Builder and Aspen Mtell System Manager. Aspen Mtell Server is recommended to be hosted on a Server class operating system. | | | | | | | | | | |
| | 52 Applicable only for users who write custom Loglan code when using V14.5 and above versions. | | | | | | | | | | |

11/18/2024