Suite	AI of Things				
V12.1 Platform Specifications that are supported	Aspen IoT Analytics Suite	Aspen Data Science Studio (DSS)	Aspen Enterprise Insights	Aspen Edge Connect 64-bit	Aspen Cloud Connect 64-bit
Operating Systems (64-bit only)					
Windows 10 Anniversary Enterprise & Professional (64-bit)					✓
Windows 8.1 Update 1 Enterprise & Professional (64-bit)					✓
Windows Server 2019					✓
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				✓	
Microsoft Office					
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)					
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)					
Microsoft SQL Server 2012 (Enterprise/Standard Edition)			✓		

Suite	AI of Things				
V12.1 Platform Specifications that are supported	Aspen IoT Analytics Suite	Aspen Data Science Studio (DSS)	Aspen Enterprise Insights	Aspen Edge Connect 64-bit	Aspen Cloud Connect 64-bit
Microsoft SQL Server 2012 (Express Edition)					
SQL Server 2014 Local DB					
SQL Server 2016 Local DB					
SQL Server 2012 -2019 Analysis Services					
ProgresSQL 13.2					
Oracle Database 19.x.x 64-bit					
Oracle Database 18.x.x 64-bit					
Oracle Database 12.2 64-bit					
Database Clients					
Oracle Client 19.x 32-bit					
Oracle Client 19.x 64-bit					
Oracle Client 18.x 32-bit					
Oracle Client 12.2 64-bit					
Oracle Client 12.2 32-bit					
Runtimes					
.NET Framework 4.8			✓		
.NET Framework 3.5					
.NET Core 3.1.x					
ASP.NET Core 3.1.x					
64-bit Oracle Java 11 JRE LTS					
64-bit Oracle Java 11 JDK LTS					
64-bit Oracle Java 8 JRE LTS					
64-bit Oracle Java 8 JDK LTS					
32-bit AdoptOpenJDK Java 11 LTS					
64-bit AdoptOpenJDK Java 11 LTS					
64-bit AdoptOpenJDK Java 8 LTS					

Suite	AI of Things				
V12.1 Platform Specifications that are supported	Aspen IoT Analytics Suite	Aspen Data Science Studio (DSS)	Aspen Enterprise Insights	Aspen Edge Connect 64-bit	Aspen Cloud Connect 64-bit
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					
Virtualization					
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)					
Web Browsers					
Internet Explorer 11			✓		
Microsoft Edge [25]	✓	✓	✓		
Google Chrome Evergreen Version 75+	✓	✓	✓	✓	✓
Firefox	✓	✓	✓		
Chrome on iOS 13+ for iPad Support					
Safari on iOS 13+ for iPad Support			✓		
Security Components/Services					
Aspen Framework (AFW) 5					
Java App (Servers)					
Apache Tomcat 9.0+					

Suite	AI of Things				
V12.1 Platform Specifications that are supported	Aspen IoT Analytics Suite	Aspen Data Science Studio (DSS)	Aspen Enterprise Insights	Aspen Edge Connect 64-bit	Aspen Cloud Connect 64-bit
Native Web Servers					
IIS 10					
IIS 8.5					
Reporting Services					
Microsoft Report Viewer 2015					
Microsoft SQL Server 2012/2014/2016/2017/2019 Reporting Services					
Load Balancing					
F5 Load Balancing					
Integration Components					
Aspen Supply Chain Connect					
Informatica Powercenter 10.4					
Cloud Support *					
Azure VM - Microsoft			✓	✓	✓
Amazon VM (AWS)			✓	✓	✓
Azure VM - Linux				✓	✓
Nutanix XiFrame					
Virtual Apps Essentials					
Windows Virtual Desktop (WVD Fall 2019 Release) [27]					
Deployment Tools					
SCCM					
Supported Versions of Fortran					
FORTRAN 2019					
Container Support					
Docker Engine-Enterprise 19.03.x					
Docker Compose 1.26.x					
Desktop Types - Minimum Recommended					

Suite	AI of Things				
V12.1 Platform Specifications that are supported	Aspen IoT Analytics Suite	Aspen Data Science Studio (DSS)	Aspen Enterprise Insights	Aspen Edge Connect 64-bit	Aspen Cloud Connect 64-bit
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 1440 x 900 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 1440 x 900 or higher resolution monitor Network: 100MB/Sec					
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): **16** or above gigabytes (GB) RAM for standalone deployment, 32 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 1440 x 900 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 1440 x 900 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended)			✓		
Type III: Computer & processor: Intel Cascade Lake-based Xeon processor with 8 cores or more per processor 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 1440 x 900 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended)					
Type IV: (IIoT Gateways) Computer & processor: ARM or Intel based CPU or more Memory (RAM): **256Mb** or more Hard Disk: **128Mb** or more				✓	
Type V Windows Server 2019 v1809+ Memory (RAM in GB): Minimum: 16 Recommended: 32 Cores: Minimum: 4, Recommended: 8 Disk space (GB): Minimum: 64, Recommended: 100 Network (MB/s): Minimum: 50, Recommended: 100					

Notes

Suite	AI of Things				
V12.1 Platform Specifications that are supported	Aspen IoT Analytics Suite	Aspen Data Science Studio (DSS)	Aspen Enterprise Insights	Aspen Edge Connect 64-bit	Aspen Cloud Connect 64-bit
* 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. 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. Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.	AI of Things consists of the following products: Aspen IoT Analytics Suite, Aspen Data Science Studio, Aspen Enterprise Insights, Aspen Edge Connect and Aspen Cloud Connect				

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 V12 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.
[25] Only the version of MS Edge that uses the Google Chrome engine is supported