

Suite	Manufacturing & Supply Chain Suite											
V10.1 Platform Specifications that are supported	Manufacturing Execution Systems (MES)											
	Manufacturing Execution Systems (MES) Desktop Apps	Manufacturing Execution Systems (MES) Admin Tools	aspENONE Process Explorer Server	aspENONE Process Explorer Client	InfoPlus.21 (IP.21) Server	Interfaces ¹	Plant Operations	Aspen Production Record Manager (APRM) Server	Aspen Production Execution Manager (APEM) Server	Weigh & Dispense	Aspen Role Based Visualization 64-bit	
	Operating Systems (64-bit only)											
	Windows 10 Anniversary (2nd LTSB) Enterprise & Professional (64-bit)	✓	✓		✓		✓	✓			✓	
	Windows 10 Enterprise & Professional (64-bit)	✓	✓		✓		✓	✓			✓	
	Windows 8.1 Update 1 Enterprise & Professional (64-bit)	✓	✓		✓		✓	✓			✓	
	Windows 7 Enterprise & Professional SP1 (64-bit)	✓	✓		✓		✓	✓			✓	
	Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Windows Server 2012 R2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Windows Server 2008 R2 SP1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Ubuntu Server Edition 16.04 LTS											
	Advantech Smart Router Series coLinux											
Safari on iOS 10+ for iPad Support				✓								
Microsoft Office												
Office 365 (Desktop/Click-to-run)	✓	✓					✓			✓		
Office 2016 (64-bit)												
Office 2016 (32-bit)	✓	✓					✓			✓		
Office 2013 SP1 (32-bit)	✓	✓					✓			✓		
Office 2010 SP2 (32-bit)	✓	✓					✓			✓		
Database Servers												
Microsoft SQL Server 2016 SP1 (Enterprise/Standard Edition)					✓	✓	✓	✓	✓	✓	✓	
Microsoft SQL Server 2016 SP1 (Express Edition)												
Microsoft SQL Server 2014 SP2 (Enterprise/Standard Edition)					✓	✓	✓	✓	✓	✓	✓	
Microsoft SQL Server 2014 SP2 (Express Edition)												
Microsoft SQL Server 2012 SP2 (Enterprise/Standard Edition)					✓	✓	✓	✓	✓	✓	✓	
Microsoft SQL Server 2012 SP2 (Express Edition)												
Microsoft SQL Server 2008 R2 SP3 (Enterprise/Standard Edition)					✓	✓	✓	✓	✓	✓	✓	
Microsoft SQL Server 2008 R2 SP3 (Express Edition)												
SQL Server Local DB												
SQL Server 2012 Analysis Services												
SQL Server 2008 R2 Analysis Services												
Oracle Database 12.1.0.2					✓	✓	✓	✓	✓	✓		
Oracle Database 11.2.0.4					✓	✓	✓	✓	✓	✓		
Database Clients												

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Server Types - Minimum Recommended										
Type I: Computer & processor: Intel Core-i5 family or faster for standalone deployment Intel Xeon E5 series, 4 cores or more for multi-user environment Memory (RAM): 8 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 E5 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)			✓		✓					✓
Type IV: (IIoT Gateways) Computer & processor: ARM or Intel based CPU or more Memory (RAM): 256Mb or more Hard Disk: 128Mb or more			✓		✓					✓

Notes:

Manufacturing Execution Systems (MES) suite consists of the following products: InfoPlus.21 (IP.21), Process Explorer, aspenONE Process Explorer, Aspen Production Record Manager (APRM), Aspen Production Execution Manager (APEM), Role-Based Visualization (RBV), Aspen Operations Reconciliation and Accounting (AORA), and Aspen Tank and Operations Manager (ATOM).

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Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.

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	When running software on a virtual machine, the machine should meet the same requirements.										
	If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.										
	Your Aspen SLM Server must be installed and running prior to installing any V10 product.										
	¹ CIM-IO Interfaces can be installed on 32-bit desktops										