

| Suite | Manufacturing & Supply Chain Suite | | | | | | | | | | |
|--|--|---|----------------------------------|----------------------------------|---------------------------|-------------------------|------------------|---|--|------------------|---------------------------------------|
| V10 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 (P.21) Server | Interfaces ⁶ | 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 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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 | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

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| | Database Clients | | | | | | | | | | | |
| | Microsoft SQL Server 2016 SP1 (Express Edition) | | | | | | | | | | | |
| | Microsoft SQL Server 2014 SP2 (Express Edition) | | | | | | | | | | | |
| | Microsoft SQL Server 2012 SP2 (Express Edition) | | | | | | | | | | | |
| | Microsoft SQL Server 2008 R2 SP3 (Express Edition) | | | | | | | | | | | |
| | Oracle Client 12.1.0.2 32-bit | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | Oracle Client 11.2.0.4 32-bit | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | Oracle Client 12.1.0.2 64-bit | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Oracle Client 11.2.0.4 64-bit | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Runtimes | | | | | | | | | | | | |
| .NET Framework 4.6.2 | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| .NET Framework 3.5 | | | ✓ | | ✓ | ✓ | | | | | | |
| 32-bit Java 8 JRE update 91 | ✓ | | ✓ | | | | | ✓ | | | | |
| 32-bit Java 8 JDK update 91 | ✓ | | ✓ | | | | | ✓ | | | | |
| 64-bit Java 8 JRE update 91 | ✓ | | ✓ | | | | | | | | | |
| 64-bit Java 8 JDK update 91 | ✓ | | ✓ | | | | | | | | | |
| MSXML 6 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Silverlight 5 | | | | | | | | | | | | |
| Flash 10 and higher | | | | | | | | | | | | |
| Visual Studio 2010 Tools for Office Runtime | ✓ | | | | | | | | | | | |
| Virtualization | | | | | | | | | | | | |
| Microsoft App-V 5.1 | ✓ | | | | | | | | | | | |
| Microsoft Hyper-V (Server) | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| VMware ESX Server 6.0 (Server) | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Microsoft Terminal Services (Desktop) | ✓ | ✓ | | | ✓ | ✓ | | ✓ | ✓ | ✓ | | |
| Citrix XenApp 7.9 (Desktop) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | |

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| Deployment Tools | | | | | | | | | | | |
| SCCM 2016 (version 1606) | | | | | | | | | | | |
| SCCM 2012 R2 SP1 | | | | | | | | | | | |
| Desktop Types | | | | | | | | | | | |
| Type I: Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster Memory (RAM): 8 gigabytes (GB) RAM Hard Disk: 80 gigabytes (GB) available 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 Core-i5 family 2.8 gigahertz (GHz) 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 1280 x 1024 or higher resolution monitor Network: 100MB/Sec | | | | | | | | | | | |
| Server Types | | | | | | | | | | | |
| Type I: Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster for standalone deployment Intel Xeon E5 series, 4 cores or more and 2.8GHz or higher 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, 2.8 gigahertz (GHz) (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 2.66 gigahertz (GHz) (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) | | ✓ | | ✓ | | | | | | ✓ | |

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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).

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.

We employ EMET 5.5 to harden our testing environments with the understanding that EMET will reach its EOL on July 31, 2018

⁶ CIM-IO Interfaces can be installed on 32-bit desktops