### Suite
- **Operating Systems (64-bit only)**
  - Windows 10 Anniversary (2nd LTSC) 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
  - Debian Server Edition: 16/4 LTS
  - Advantech Smart Router Series solution
  - Latest on ASL/EN for iPad Support

### Asset Performance Management
- **Database Servers**
  - Microsoft SQL Server 2016 SP1 (Enterprise/Standard Edition)
  - Microsoft SQL Server 2016 SP1 (Express Edition)
  - Microsoft SQL Server 2016 SP2 (Enterprise/Standard Edition)
  - Microsoft SQL Server 2016 SP2 (Express Edition)
  - Microsoft SQL Server 2012 SP3 (Express Edition)
  - Microsoft SQL Server 2008 R2 SP3 (Express Edition)
  - SQL Server Local DB
  - SQL Server 2012 Analysis Services
  - SQL Server 2005 Analysis Services
  - SQL Database 12.5
  - SQL Database 12.2-6

- **Database Clients**
  - Microsoft SQL Server 2016 SP1 (Express Edition)
  - Microsoft SQL Server 2016 SP2 (Express Edition)
  - Microsoft SQL Server 2016 SP1 (Standard Edition)
  - SQL Client 12.1.2 (64-bit)
  - SQL Client 12.1.2 (32-bit)
  - SQL Client 12.2.1 (64-bit)
  - SQL Client 12.2.1 (32-bit)

- **Runtimes**
  - .NET Framework 4.7.1
  - .NET Framework 4.6.2
  - .NET Framework 3.5
  - 32-bit Java & JRE update 91
  - 32-bit Java & JDK update 91
  - 64-bit Java & JRE update 91
  - 64-bit Java & JDK update 91
  - Silverlight 5
  - Flash 10 and higher
  - Visual Studio 2010 Tools for Office Runtimes
<table>
<thead>
<tr>
<th>Suite</th>
<th>Asset Performance Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>V10.1 Platform Specifications that are supported</td>
<td></td>
</tr>
</tbody>
</table>

**Virtualization**
- Microsoft App-V 5.1
- Microsoft Hyper-V (Server)
- VMware ESX Server 6.0 (Server)
- Microsoft Terminal Services (Desktop)
- Unix VxVM 7.8 (Desktop)

**Web Browsers**
- Internet Explorer 11
- Google Chrome Evergreen Version 55+

**Security Frameworks**
- Aspen Framework (AFW) 5
- Active Directory Security Group
- Microsoft Active Directory / Active Directory Domain Services

**Web App Servers**
- Apache Tomcat 8.5.35
- Weblogic 12c

**Web Servers**
- IIS 9
- IIS 8.5
- IIS 7.5
- Apache HTTP Server 2.2.xx

**Reporting Services**
- Microsoft Report Viewer 2010 SP1
- Microsoft SQL Server 2012/2014/2016 Reporting Services
- Crystal Reports 8.5
- Crystal Reports 11

**Security Blocking Features**
- DEP

**Integration/Messaging Components**
- Aspen Supply Chain Connect

**Cloud Support**
- Azure VM - Microsoft
- Amazon VM
- Nutanix Frame

**Deployment Tools**
- SCCM 2016 (version 1606)
- SCCM 2012 R2 SP1

**Desktop Types - Minimum Recommended**

<table>
<thead>
<tr>
<th>Type</th>
<th>Processor</th>
<th>Memory (RAM)</th>
<th>Hard Drive</th>
<th>Monitor</th>
<th>Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type A</td>
<td>Core i5 or better</td>
<td>8 gigabytes (GB) RAM</td>
<td>500 gigabytes (GB)</td>
<td>DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor</td>
<td>100MB/Sec</td>
</tr>
<tr>
<td>Type B</td>
<td>Core i5 or better</td>
<td>16 gigabytes (GB) RAM</td>
<td>1000 gigabytes (GB)</td>
<td>DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor</td>
<td>100MB/Sec</td>
</tr>
</tbody>
</table>
## V10.1 Platform Specifications that are supported

<table>
<thead>
<tr>
<th>Suite</th>
<th>Asset Performance Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspen Asset Analytics Server 64-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen Asset Analytics Client 64-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen Mtell 64-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen ProMV Desktop 64-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen ProMV Online Client 64-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen Fidelis Reliability 32-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen ProMV Online Server 64-bit</td>
<td></td>
</tr>
<tr>
<td>Aspen Connect Windows</td>
<td></td>
</tr>
<tr>
<td>Aspen Connect Linux</td>
<td></td>
</tr>
<tr>
<td>Aspen OASIS Windows</td>
<td></td>
</tr>
</tbody>
</table>

### 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 gigabytes (GB) RAM for standalone deployment, 16 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 resolution monitor
- Network: 100MB/Sec

#### Type II:
- Computer & processor: Intel Xeon E5 series type system (4 cores) or faster
- Memory (RAM): 16 gigabytes (GB) RAM or above
- Hard Disk: 300 gigabytes (GB) or more available
- Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 resolution monitor
- Network: 100MB/Sec (Gigabyte network recommended)

#### Type III:
- Computer & processor: 4 x Intel 8 cores or faster
- Memory (RAM): 32 gigabytes (GB) RAM or above
- Hard Disk: 500 gigabytes (GB) or more available
- Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 resolution monitor
- Network: 100MB/Sec (Gigabyte network recommended)

#### Type IV: (IIoT Gateways)
- Computer & processor: ARM or Intel based CPU or more
- Memory (RAM): 256 Mb or more
- Hard Disk: 128 Mb or more

#### Notes:
- Aspen ONE Asset Performance Management suite consists of the following products: Aspen Asset Analytics Server, Aspen Asset Analytics Client, and Aspen Fidelis Reliability.
- When running software as a virtual machine, the machine should meet the same requirements.
- For 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.