

# Operating Requirements

Emerson Process Management recommends the following resources for AMS Suite: Machinery Health™ Manager 5.51:

## Workstations

### Minimum Requirements

<b>Operating Systems</b>	<ul style="list-style-type: none"><li>Windows XP Professional SP2 &amp; SP3, Windows 7 Professional, Windows 7 Ultimate, and Windows 7 Enterprise.</li></ul>
<b>Processor/Memory</b>	<ul style="list-style-type: none"><li>1.5 GHz, 2 GB of RAM (XP), Windows 7, and 2 GB of RAM</li></ul>
<b>Network</b>	<ul style="list-style-type: none"><li>Ethernet (TCP/IP protocol)</li></ul>
<b>Browser</b>	<ul style="list-style-type: none"><li>Internet Explorer 6 or later</li></ul>
<b>Screen Resolution</b>	<ul style="list-style-type: none"><li>XGA (1024 x 768)</li></ul>
<b>Other</b>	<ul style="list-style-type: none"><li>RS232 serial communications port (9-pin)*, USB 1.1 port‡</li></ul>

### Recommended Requirements

<b>Operating System</b>	<ul style="list-style-type: none"><li>Windows XP Professional SP2 &amp; SP3, Windows 7 Professional, Windows 7 Ultimate, and Windows 7 Enterprise.</li></ul>
<b>Processor/Memory</b>	<ul style="list-style-type: none"><li>2.0 GHz Dual Core, 2 GB of RAM</li></ul>
<b>Network</b>	<ul style="list-style-type: none"><li>Ethernet (TCP/IP protocol)</li></ul>
<b>Browser</b>	<ul style="list-style-type: none"><li>Internet Explorer 7 or later</li></ul>
<b>Screen Resolution</b>	<ul style="list-style-type: none"><li>SXGA (1280 x 1024) or better</li></ul>
<b>Other</b>	<ul style="list-style-type: none"><li>RS232 serial communications port (9-pin)*, USB 2.0 port</li></ul>

### Recommended Requirements for Online Live Transient Client

<b>Operating System</b>	<ul style="list-style-type: none"><li>Windows XP Professional SP2 &amp; SP3, Windows 7 Professional, Windows 7 Ultimate, and Windows 7 Enterprise.</li></ul>
<b>Processor/Memory</b>	<ul style="list-style-type: none"><li>2.33 GHz Dual Core, 2 GB of RAM</li></ul>
<b>Video Card</b>	<ul style="list-style-type: none"><li>DirectX 9.0b compatible</li></ul>
<b>Network</b>	<ul style="list-style-type: none"><li>Ethernet (TCP/IP protocol)</li></ul>
<b>Browser</b>	<ul style="list-style-type: none"><li>Internet Explorer 7 or later</li></ul>
<b>Screen Resolution</b>	<ul style="list-style-type: none"><li>SXGA (1280 x 1024) or better</li></ul>
<b>Other</b>	<ul style="list-style-type: none"><li>RS232 serial communications port (9-pin)*, USB 2.0 port</li></ul>

### Additional Recommendations

<b>Virtualization System</b>	<ul style="list-style-type: none"><li>Microsoft System Center Virtual Machine Manager 2008 R2</li></ul>
<b>Antivirus</b>	<ul style="list-style-type: none"><li>Symantec™ Endpoint Protection v11.0.6200.754</li></ul>

\* For communications with analyzers prior to the CSI 2130, a PC must have an RS232 serial port. A USB port is highly recommended for communications with the CSI 2130 Machinery Health Analyzer.

For communication with CSI 5200 Machinery Health Oil Analyzer, a PC must have an RS232 serial port

‡ For communication with the WDA Image Capture Kit, a USB 2.0 port is required.

NOTE: AMS Machinery Manager operates on 32-bit and 64-bit operating systems.

## Servers

### Minimum Requirements

#### Operating Systems

- LAN:**
  - Windows Server 2003 R2 with SP2, Windows Server 2008 SP2 Standard Edition, and Windows Server 2008 R2
- WAN:**
  - Windows Server 2003 R2 SP2 and Windows Server 2008 SP2 Standard Edition with Terminal Server, or Windows Server 2003 R2 SP2, Windows Server 2008 SP2 Standard Edition with Citrix XenApp 6†, and Windows Server 2008 R2 with Remote Desktop Services.

#### Processor/Memory

- Portable Systems:**
  - 1.83 GHz Dual Core, 2 GB of RAM
- Online Systems:**
  - Server-class 2.33 GHz Dual Core, 2 GB of RAM
  - Internet Explorer 7

#### Network

- Ethernet (TCP/IP protocol)

#### Screen Resolution

- XGA (1024 x 768)

### Recommended Requirements

#### Operating Systems

- LAN:**
  - Windows Server 2003 R2 with SP2, Windows Server 2008 SP2 Standard Edition and Windows Server 2008 R2.
- WAN:**
  - Windows Server 2003 R2 SP2, Windows Server 2008 SP2 Standard Edition with Terminal Server and Windows Server 2008 R2 with Remote Desktop Services.

#### Processor/Memory

- Portable Systems:**
  - 2.33 GHz Dual Core, 2 GB of RAM
- Online Systems:**
  - Server-class 3.0 GHz Dual Core, 2 GB of RAM
  - Internet Explorer 7

#### Network

- Ethernet (TCP/IP protocol)

#### Screen Resolution

- SXGA (1280 x 1024) or better

### Recommended requirements for CSI 6500 and CSI 2600 systems

#### Operating Systems

- Windows XP or Windows 7

#### Processor/Memory

- Pentium II or better, minimum clock frequency 500 MHz, memory must meet requirements of OS

#### Hard drive capacity

- 250 GB or greater

#### RS232 Interface

- One available interface

#### Network

- Ethernet (TCP/IP protocol)

#### Browser

- Internet Explorer 7 or later

#### Screen Resolution

- SXGA (1280 x 1024) or better

### Additional Recommendations

#### Virtualization System

- Microsoft System Center Virtual Machine Manager 2008 R2

#### Antivirus

- Symantec™ Endpoint Protection v11.0.6200.754

† When running Citrix, Terminal Server is also required.

NOTE: AMS Machinery Manager operates on 32-bit and 64-bit operating systems, and requires a DVD for installation.

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