

AMS Machinery Manager Data Collector for AMS Optics

- Efficiently monitor rotating assets by connecting multiple AMS Machinery Managers to AMS Optics providing enterprise wide visibility of machinery health
- Increase productivity and drive action by enabling access to a single KPI dashboard
- Create work requests for rotating equipment and implement closed loop work processes with CMMS (SAP or IBM Maximo)
- Improve collaboration by delivering machinery health alerts and vibration data to relevant personas, no matter where they are



Introduction

With the AMS Machinery Manager Data Collector for AMS Optics, users can now monitor the health of their rotating machines, and stay better informed of activities even on their mobile phone. This increased level of awareness enables users to perform exception-based analysis versus inspecting every piece of data collected which drives increased productivity and efficiency.



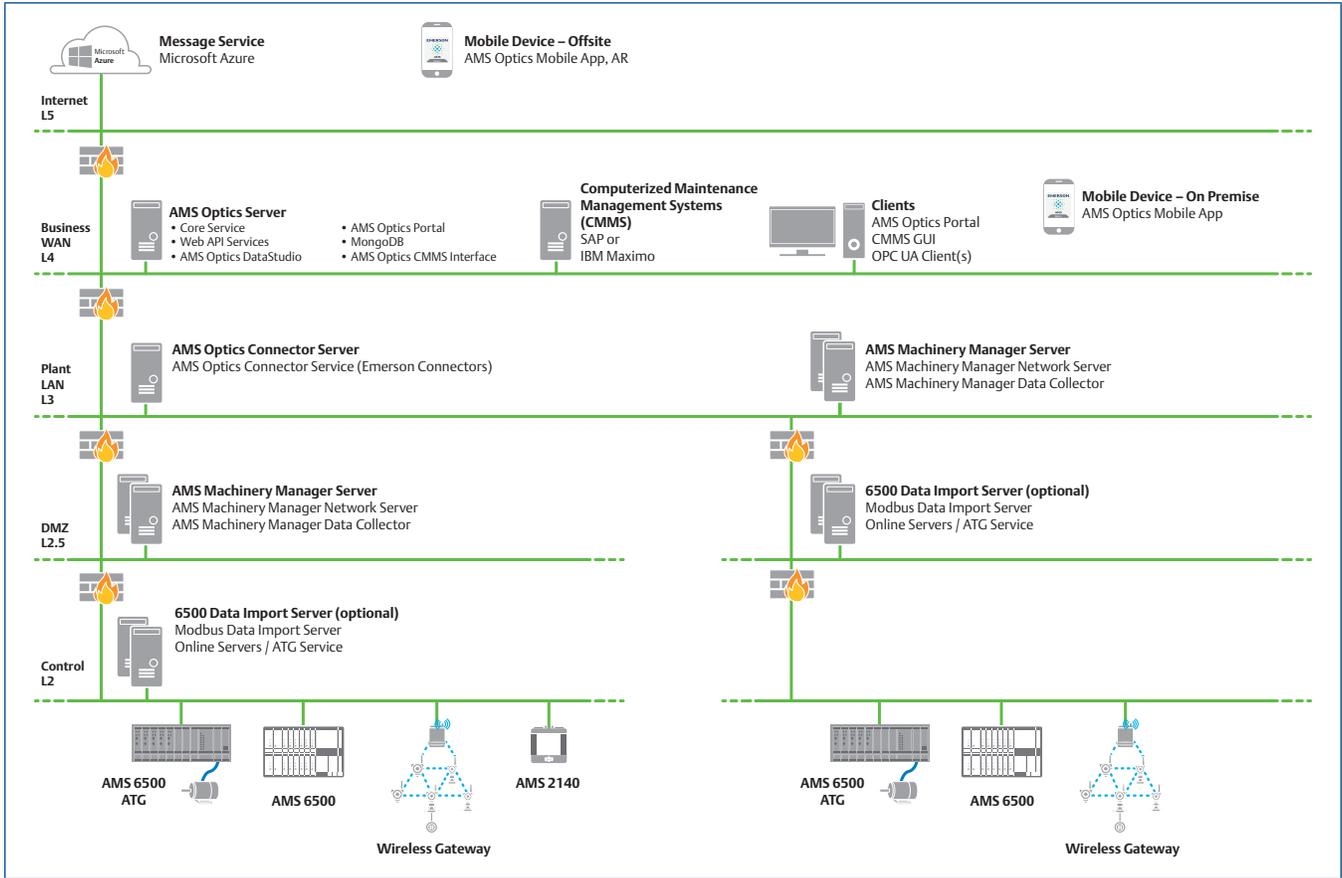
View summarized reports of high vibration alerts in Optics Portal or the AMS Optics Mobile Application.

Greater Awareness

Using the AMS Machinery Manager ASI with AMS Optics you can:

- View KPIs for Overdue Routes, Serious Problems, and Down Units
- Import your AMS Machinery Manager Database Hierarchies
- Receive mobile push and/or email notifications on:
 - Route Downloaded
 - Case History
 - High Vibration—Online
 - High Vibration—Wireless
 - High Vibration—Portable
 - Exception Report Creation
 - Flagged Measurement on Route
 - Software Services
- Monitor and trend parameters
- Launch in context to AMS Machinery Manager

Network Architecture



The AMS Machinery Manager Data Collector allows for flexible, yet secure, installation. Once installed you can monitor your system within minutes.

AMS Optics Connector Service (Emerson Connectors) Requirements

Operating System	Windows 10 Pro Windows 10 Enterprise Windows 10 IoT Enterprise 2016 LTSB (64-bit) Windows Server 2019 Datacenter Windows Server 2019 Standard Windows Server 2016 Datacenter Windows Server 2016 Standard
CPU Architecture	64-bit
Processor	2.4 GHz, 4-Core processor, Intel Core i5, or better
Memory	4 GB RAM (supported) 8 GB RAM (recommended)
Hard Drive	SATA (supported) SATA or better (recommended)
Available Disk Space	20 GB (supported) 100 GB (recommended)
Internet Information Services (IIS)	v8.5, v10 (supplied with OS)
Network	1x 1GB NIC

Proxy Requirements

Operating System	Windows 10 Pro Windows 10 Enterprise Windows 10 IoT Enterprise 2016 LTSB (64-bit) Windows Server 2019 Datacenter Windows Server 2019 Standard Windows Server 2016 Datacenter Windows Server 2016 Standard
CPU Architecture	64-bit
Processor	2.4 GHz, 2-Core processor, Intel Core i3, or better
Memory	2 GB RAM
Hard Drive	SATA (supported) SATA or better (recommended)
Available Disk Space	20 GB
Internet Information Services (IIS)	v8.5, v10 (supplied with OS)
Network	1x 1 GB NIC

Additional Specifications

Browser	Current versions Google Chrome Microsoft Edge
Ethernet	One or more Ethernet ports (1GB NIC)
Internet Connectivity	A high-speed Internet connection is recommended to download installations and patches, register software, and receive alerts and messages on the mobile application.
Screen Resolution	Minimum: SXGA (1280x1024 pixels)
Supported Anti-virus Software	Symantec™ Endpoint Protection McAfee™ Endpoint Norton™ Security with Backup
Supported Virtualization	VMware v6.0 up to v7.0 HyperV 2012, 2016, 2019, 2022

AMS Machinery Manager Versions Supported

v6.32 and later

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