

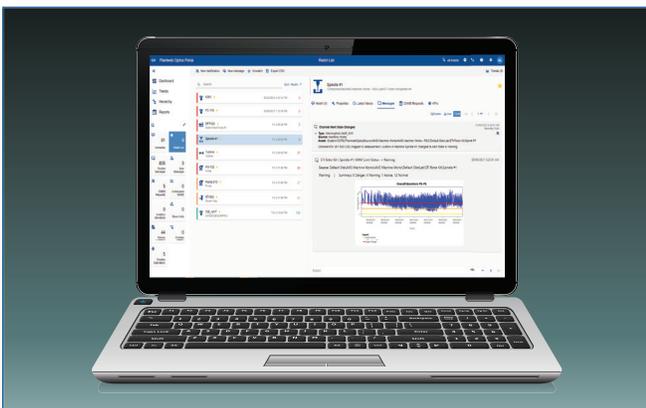
AMS Machine Works Data Collector for AMS Optics

- Efficiently monitor rotating assets by connecting multiple AMS Machine Works to AMS Optics, providing enterprise-wide visibility of machinery health
- Increase productivity and drive action by enabling access to a single asset health 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 Machine Works 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.



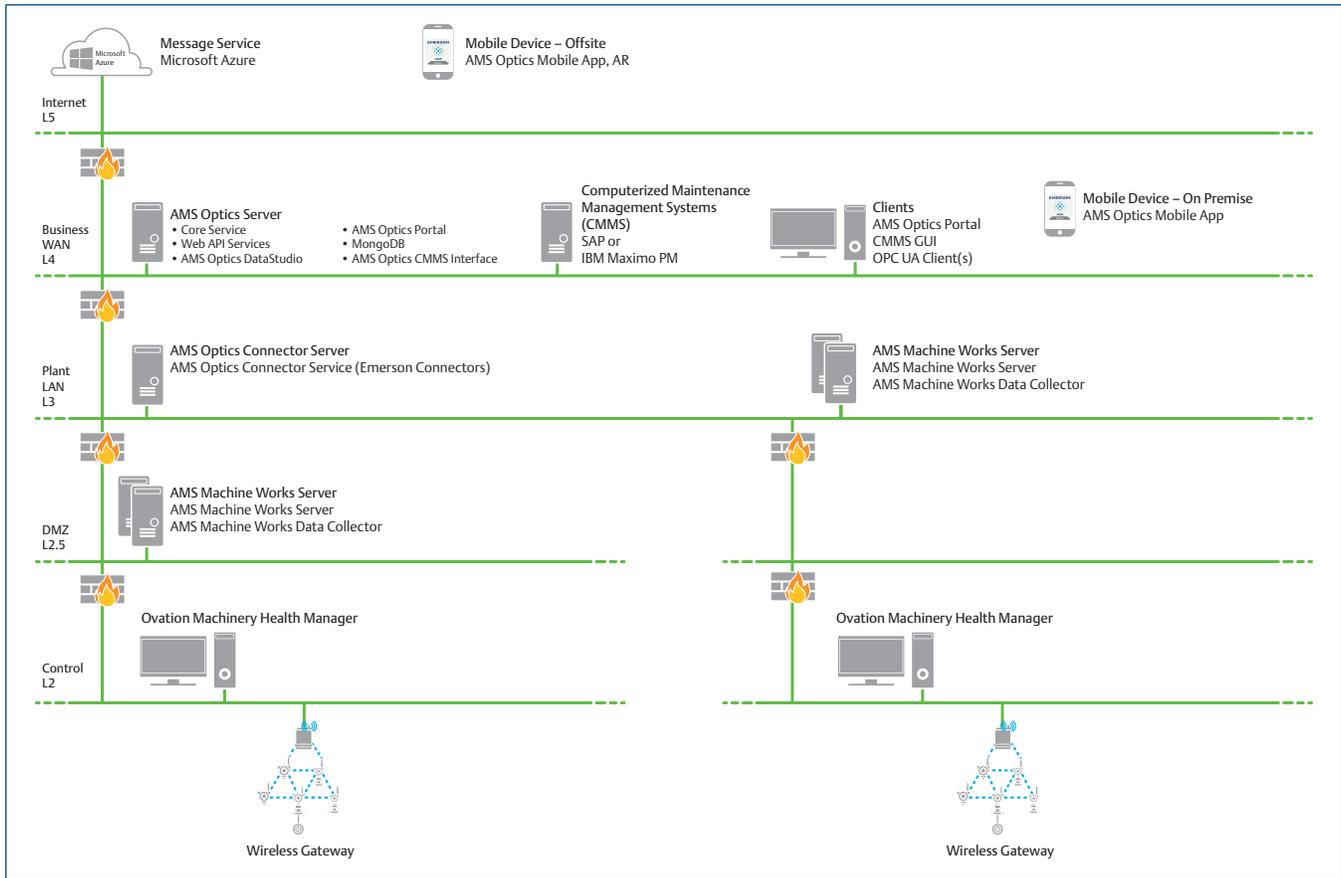
View summarized reports of high vibration alerts in Optics Portal or the AMS Optics mobile application.

Greater Awareness

Using the AMS Machine Works Data Collector with AMS Optics you can:

- Import your AMS Machine Works Location Hierarchy
- Receive mobile push and/or email notifications on:
 - Journal Case Archived, Closed, or Created
 - Journal Post Created
 - Warning, Advise, or Danger Alerts
 - Asset Source Updates
- Monitor and trend parameters
- Launch in context to AMS Machine Works for detailed troubleshooting and vibration analysis

Network Architecture



The AMS Machine Works 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 1GB 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 Machine Works Versions Supported

v1.6

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