

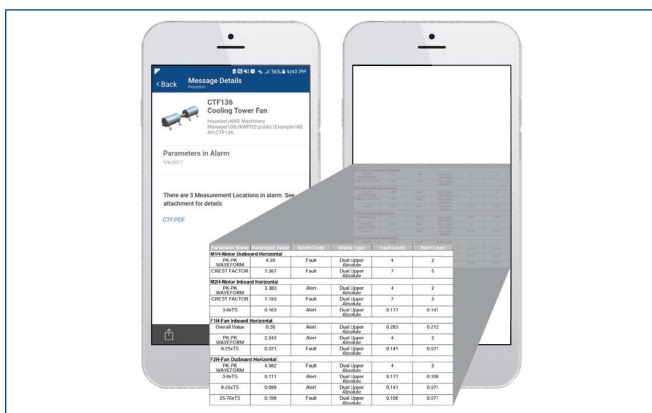
# AMS Machinery Manager Asset Source Interface

- Efficiently monitor rotating assets by connecting multiple AMS Machinery Managers to Plantweb™ Optics providing enterprise wide visibility of rotating equipment health
- Increase productivity and drive action by enabling access to a single KPI dashboard
- Create work notifications 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 Asset Source Interface (ASI) to Plantweb™ 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.



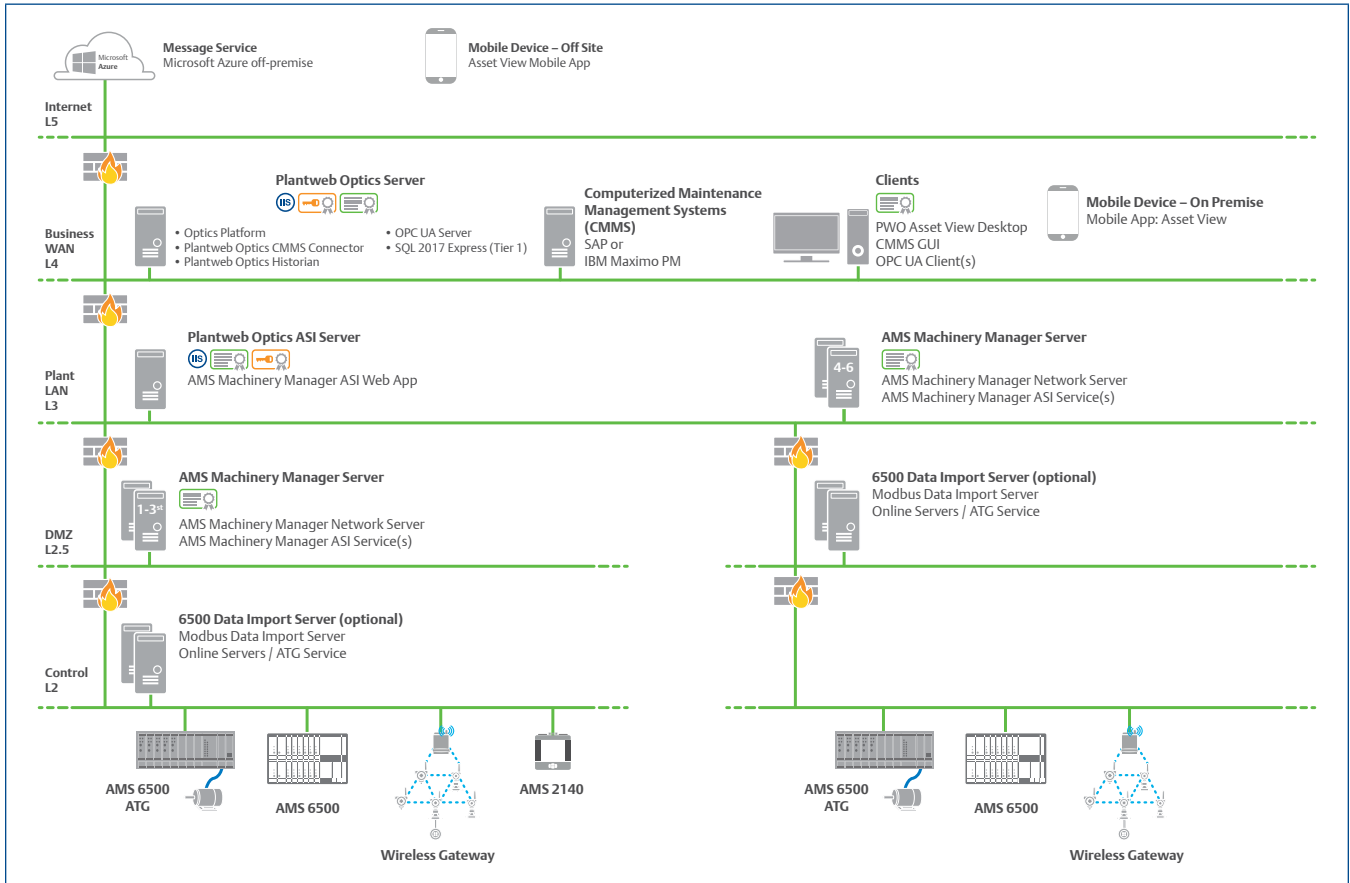
View summarized reports of high vibration alerts on desktop, or the Plantweb Optics Mobile Application.

## Greater Awareness

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

- Import your AMS Machinery Manager Database Hierarchies
- Receive 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 Parameters

■ Launch in Context



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

System/Device	Supported Maximum	Remarks
RBMNet Servers	6	

Active Machinery Manager Databases	50	Maximum of 1,000 machines per database
Assets connected to AMS Machinery Manager	10,000 Total	10,000 total devices can be distributed in any way across 6 servers.

**Plantweb Optics ASI (Web) Server Hardware Requirements**

Processor	2.4 GHz, 4-core processor Intel Xeon Scalable (Gold 5115) or better
Architecture	64-bit
Memory	8 GB RAM 16 GB RAM (Recommended)
Hard Drive	SAS Hard Drive (10K RPM)
Disk Space (minimum)	100 GB
Network	1 x 1GB NIC 2 x 1GB NIC (Recommended to use 2 NICs to isolate Tier 3 traffic from Tier 2 traffic)

**Plantweb Optics ASI (Web) Server Software Requirements**

Operating System	Windows Server 2016 Datacenter Windows Server 2016 Standard Windows Server 2012 R2 Datacenter Windows Server 2012 R2 Standard
Architecture	64-bit
Internet Information Services (IIS)	v8.0 , v10 (supplied with OS)
Microsoft SQL Server	MS SQL Server 2017 Express Edition or Full Edition
Browsers	Internet Explorer v11 or later MS EDGE v41.16299.15.0 or later Google Chrome v65 or latest (Recommended)

**Additional Specifications**

Software	Microsoft .NET 3.5, SP1 Microsoft .NET Framework 3.5 is required to install See KBA NK-1600-0300 for instructions
Ethernet	One or more ethernet ports (1GB NIC)
Internet Connectivity	Wi-Fi, Cellular Network, DSL or better. An Internet connection is required to download installations and patches, register software, and receive alerts and messages on the mobile application.

AntiVirus Software	Symantec End Point Protection McAfee Endpoint Norton Security with Back-up
Virtualization	VMWare v6.0 up to v6.7 HyperV 2012, 2016

## Order Information

- Part Number: A489000-DS AMS Machinery Manager Data Source

## AMS Machinery Manager Versions Supported

- v6.3 and later

## Plantweb Optics Version Supported

- v1.5

**Emerson**  
**Reliability Solutions**  
 835 Innovation Drive  
 Knoxville, TN 37932 USA  
 ☎ +1 865 675 2400

🌐 [www.emerson.com/plantweboptics](http://www.emerson.com/plantweboptics)

©2019, Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. The Plantweb Optics logo is a mark of one of the Emerson family of companies. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while diligent efforts were made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice.