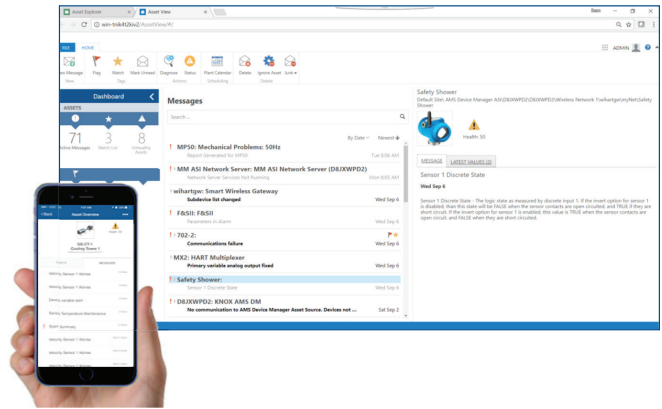


# AMS ARES™ Platform

- Modern communication tools for quicker, accurate decision making
- Integration of multiple technologies for a holistic view of asset health
- Secure yet flexible architecture
- Interface with other applications through OPC UA



View asset health and messages from your desktop or mobile phone.

## Integrated Solution

The AMS ARES Platform offers a human-centered design format that is intuitive and easily incorporates multiple data sources into a single software platform for analysis of asset health across the entire plant, even on your smart phone or tablet.

Single asset-centric alerts can be created from multiple technologies monitoring the same asset. Features such as spam control, message suppression and/or ignore, conversation view, and customizable user configurations ensure the user only sees the messages that are important to them. The holistic health of your assets is at your fingertips anytime, anywhere.

Integrated technologies Include:

- Available Now
  - Wireless Hart Gateways
  - AMS 9420 Wireless Vibration Transmitters
  - AMS Device Manager
  - OPC UA Server
- Future Availability
  - AMS Machinery Manager (Coming Soon)
  - Plantweb Advisor
  - Plantweb Insights

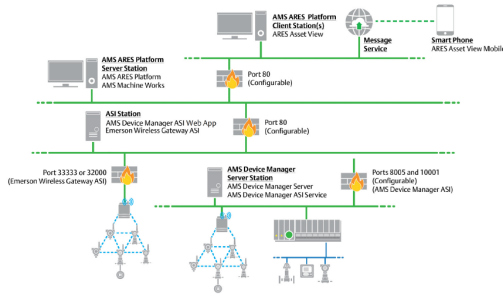
- Modbus Client
- OPC UA Client
- Ovation Machinery Health Monitor
- Portable Vibration Analysis
- Online Machinery Monitoring
- Lubrication Analysis
- Infrared Thermography
- And more...

## Flexible, Easy, and Secure

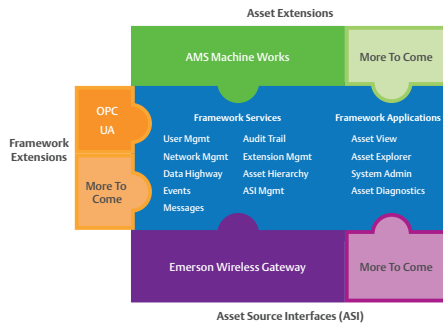
The AMS ARES Platform supports the latest OPC-UA technology making it easy to integrate third-party applications that expand the capabilities of your program. Built on SQL and utilizing thin clients, AMS ARES installation and maintenance processes are simple and non-intrusive.

The ARES Platform also allows for flexible installations within complex network architectures. Asset Source Interfaces can be installed independently of the ARES Platform server, allowing for a secure connection to lower level data sources while still allowing for higher level connectivity to ARES.





The AMS ARES platform runs in a secure network environment to deliver the information you need from your plant assets.



The AMS ARES platform utilizes new OPC UA technology to integrate additional technology into the software framework.

AMS ARES Platform server – minimum requirements	
Operating System	Windows Server 2012 R2 Standard
CPU Architecture	x64
Processor	2.4 GHz quad processor or faster
RAM	8 GB minimum 16 GB recommended
Available Disk Space	50 GB
Browsers	Internet Explorer 11 (required, even if not used as the primary browser) Chrome v60

AMS ARES Platform single non-server installation – minimum requirements	
Operating System	Windows 10 Enterprise, 64-bit Windows 10 Professional Windows 7 Professional
CPU Architecture	x64
Processor	2.4 GHz quad processor or faster
RAM	16.0 GB
Available Disk Space	50 GB
Browsers	Internet Explorer 11 (required, even if not used as the primary browser) Chrome v60

Additional specifications	
Ethernet	One or more Ethernet ports
Internet Connectivity	An Internet connection is required to download installations and patches, register software, and receive alerts and messages on the mobile application
Supported Virtualization	<ul style="list-style-type: none"> <li>■ VMware 6</li> <li>■ Hyper-V 2012</li> </ul>
Software	Microsoft .NET 3.5, SP1
Supported Antivirus Software	<ul style="list-style-type: none"> <li>■ Symantec™ Endpoint Protection</li> <li>■ McAfee™ Endpoint</li> <li>■ Norton Security with Backup</li> </ul>

©2017, Emerson. All rights reserved.

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

The contents of this publication are presented for informational purposes only, and while every effort has been 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.

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

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

