



AMS Suite: Intelligent Device Manager

Supporting Devices Effectively

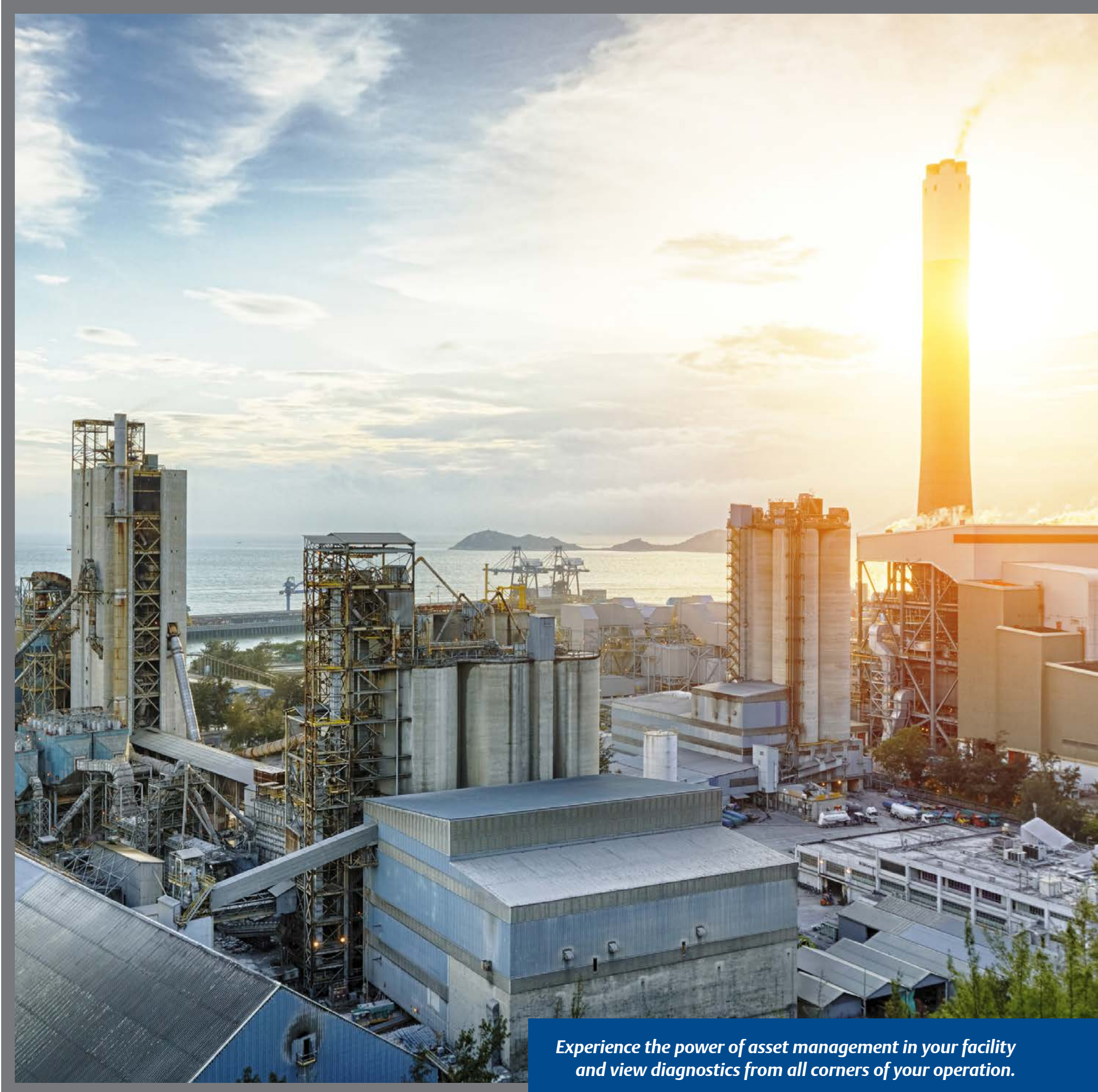
Extend the Power of Predictive Diagnostics

Imagine seeing asset health information from any device - regardless of communication protocol.

AMS Device Manager helps you streamline maintenance procedures by providing a single application for management of all HART®, FOUNDATION™ fieldbus, PROFIBUS, and WirelessHART field devices. By having a central point for all asset information, you can best leverage predictive diagnostics to ensure equipment reliability and availability.

Complying with the WirelessHART™ standard, AMS Device Manager supports any WirelessHART device from any vendor. Use AMS Device Manager with the Smart Wireless Gateway for connectivity to wireless networks in the plant or at remote sites.

You can also use WirelessHART technology in the Smart Wireless THUM™ Adapter to access stranded diagnostics from wired devices already installed in your plant, including valves, flowmeters, and level transmitters.



Experience the power of asset management in your facility and view diagnostics from all corners of your operation.

Realize the True Potential of Your Field Devices

- **IMAGINE** operating with your maintenance resources fully optimized.
- **IMPLEMENT** predictive maintenance for enhanced productivity.
- **IMPROVE** availability and performance.

Capture diagnostic data from intelligent field devices and make it available for maintenance action using AMS Device Manager. Online access to device diagnostics allows you to continually monitor devices and to know immediately if there is a problem.

AMS Device Manager's intuitive user interface provides a compelling visualization to aid in troubleshooting and support decision making. Using open standards, AMS Device Manager takes full advantage of rich graphical capabilities making it efficient and easy-to-use.

If the Electronic Device Description (EDD) you are looking for is not listed here, please check our website at www.emersonprocess.com/ams where we have all EDDs registered at the HART Communication Foundation and the Fieldbus Foundation available for download. In addition, DTMs can be used with AMS Device Manager if the necessary functionality for a device is not found in the DD. Please contact the device manufacturer to determine if a DTM is available for a given device.

Intuitive Graphical Interface

Vibration diagnostics in the CSI 9420 Wireless Vibration Transmitter are displayed in AMS Device Manager to provide clear indication of machine status.



Visualize your wireless networks and quickly see the health of your network.



Device screens include graphical indications of conditions like plugged impulse lines to help you quickly identify and resolve problems so your process keeps running.



Expand device support allows you to gain the full benefits of an asset management system.

Emerson WIRELESSHART™ DEVICES

CSI

CSI 9420	Wireless Vibration Transmitter
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Fisher

4320	Wireless Position Monitor
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Rosemount

1410	Smart Wireless Gateway
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1420	Smart Wireless Gateway
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2160	Wireless Vibrating Fork Liquid Level Switch
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248	Wireless Temperature Transmitter
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648	Wireless Temperature Transmitter
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702	Wireless Discrete Transmitter
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705	Wireless Totalizing Transmitter
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708	Wireless Acoustics Transmitter
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2051	Wireless Pressure Transmitter
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3051	Wireless Pressure Transmitter
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3308	Wireless Radar Level Transmitter
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848T	Wireless High Density Temperature Transmitter
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THUM	Smart Wireless THUM Adapter
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3051S	Wireless Pressure Transmitter
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3051SMV	PDP Wireless Pressure Transmitter
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Rosemount Analytical

6080-C	Wireless Conductivity Transmitter
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6081-P	Wireless pH Transmitter
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TopWorx

4310	Wireless Position Monitor
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Emerson HART® DEVICES

Daniel Industries

3400 Series	Gas Ultrasonic Meter
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3410 Series	Ultrasonic Flowmeter
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3800 Series	Liquid Ultrasonic Meter
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3810 Series	Ultrasonic Flowmeter
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Fisher Controls

DLC3000	Electropneumatic Level Transmitter
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DVC2000	Digital Valve Controller
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DVC2000AC	Digital Valve Controller
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DVC5000	Electropneumatic Valve Controller
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DVC6000	Digital Valve Controller
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DVC6000AC	Digital Valve Controller
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DVC6200	Digital Valve Controller
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DVC6200 SIS	Digital Valve Controller for Safety Applications
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Position Xmitter	Valve Positioner
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MagTech

LTM Series	Level Transmitter
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Metran

75	Pressure Transmitter
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100	Smart Pressure Transmitter
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150	Smart Pressure Transmitter
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280-2	Smart Temperature Transmitter
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303	Vortex Flowmeter
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Micro Motion

1000 IS	Coriolis Mass Flowmeter
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1500 MVD	Coriolis Mass Flowmeter
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1700	Coriolis Mass Flowmeter
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2000	Coriolis Flowmeter
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2000 CONFIG	Coriolis Flowmeter
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2000 IS	Coriolis Flowmeter
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2400S	Coriolis Flowmeter
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2700IS	Coriolis Mass Flowmeter
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3000	Coriolis Mass Flowmeter
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Emerson HART® DEVICES

7812	Density Gas Viscosity Meter
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9701	Coriolis Mass Flowmeter
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9712	Coriolis Mass Flowmeter
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9739	Coriolis Mass Flowmeter
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Mobrey

3300	Guided Wave Radar Transmitter
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4301	Pressure Transmitter
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MLT 100	Displacement Transmitter
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MSP100	Ultrasonic Level Transmitter
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MSP900/400	Ultrasonic Level Transmitter
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Net Safety

Millennium 2 Basic	Gas Detector
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FLM PRE	Fire Detector
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Rosemount

248	Temperature Transmitter
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333	Tri-Loop
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644	Temperature Transmitter
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951	Dry Gas Pressure Transmitter
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1151	Pressure Transmitter
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1810	Flush Mount Pressure Transmitter
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2051	Pressure Transmitter
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2051 LP	Pressure Transmitter
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2088	Absolute and Gauge Pressure Transmitter
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2088 LP	Absolute and Gauge Pressure Transmitter
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2090	Pressure Transmitter
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3001C	Hydrostatic Pressure Transmitter
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3044C	Temperature Transmitter
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3051C	Absolute and Gauge Pressure Transmitter
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3051CLP	Low Power Pressure Transmitter
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3051S	Pressure Transmitter
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3051S HDT	Pressure Diagnostic Transmitter
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3051S MV	MultiVariable Transmitter
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3051S MV (Mass)	MultiVariable Transmitter with Mass and Energy Flow
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3051S SIS	Pressure Transmitter
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3095	Multivariable Mass Flowmeter
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3095C	Multivariable Level Transmitter
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3100	Ultrasonic Level Transmitter
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3144	Temperature Transmitter
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3144P	Temperature Transmitter
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3144P SIS	Temperature Transmitter
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3201	Hydrostatic Interface Unit
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3202	Smart Application Module
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3244 MV	Multivariable Temperature Transmitter
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3300	Guided Wave Radar Level Transmitter
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4500	Pressure Transmitter
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4600	Pressure Transmitter
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5300	Radar Level Transmitter
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5400	Radar Level Transmitter
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5600	Radar Level Transmitter
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8712	Magnetic Flowmeter
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8712A	Magnetic Flowmeter
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8712C	Magnetic Flowmeter
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8712D	Magnetic Flowmeter
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8712E	Magnetic Flowmeter System
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8712H	Magnetic Flowmeter
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8712U	Magnetic Flowmeter
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8732	Magnetic Flowmeter
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8732E	Magnetic Flowmeter
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8600D	Vortex Flowmeter
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8800	Vortex Flowmeter
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8800D	Vortex Flowmeter
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APEX	APEX Radar Level Transmitter
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Probar UC	Flowmeter
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Proplate UC	Flowmeter
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TankRadar® PRO	Radar Level Gauge
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TankRadar Rex	Radar Level Transmitter
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Emerson HART® DEVICES

Rosemount Analytical

54eA	Amperometric Analyzer
54eC	Conductivity Transmitter
54epH	pH/ORP Analyzer
54 pH	pH/ORP Transmitter
56	Dual-Input Analyzer
56 H5	Dual-Input Analyzer
1056	Dual-Input Analyzer
1066	Liquid Analytical Transmitter
2081C	Conductivity Transmitter
2081 pH	pH Transmitter
3081 C	Conductivity Transmitter
3081 Con	Contacting Conductivity Transmitter
3081 FG	Oxygen Transmitter
3081 pH/ORP	pH/ORP Transmitter
3081 T	Toroidal Conductivity Transmitter
5081 A	Amperometric Analyzer
5081C/T	Conductivity Analyzer
5081FG	Oxygen Transmitter
5081 pH/ORP	pH/ORP Analyzer
6888-O2	Oxygen Gas Analyzer
OCX 8800	Oxygen/Combustibles Transmitter
Oxymitter 4000	Oxygen Analyzer
WC3000	Oxygen Analyzer
Xmt-A	Oxygen Analyzer
Xmt-C	Conductivity/Toroidal Analyzer
Xmt-P	pH/ORP/pION Analyzer
XS-O2	Oxygen Analyzer

Emerson FOUNDATION™ FIELDBUS DEVICES

ASCO

4449	Valve Controller
EL-O-Matic	
ELQ-0990	On/Off Electric Valve Actuator
ELQ-22C0	On/Off Electric Valve Actuator
ELQ-7360	Modulating Electric Valve Actuator
ELQ-8000	Modulating Electric Valve Actuator
ELQ-A2C0	Controller Valve Actuator
ELQ-DD30	Modulating Electric Valve Actuator
ELQ-F800	On/Off Electric Valve Actuator

Fisher Controls

DLC3020f	Digital Level Controller
DVC5000f	Digital Valve Controller (On/Off)
DVC5000f-FL DO/DI	Digital Valve Controller
DVC5000f-SCAO/PID	Digital Valve Controller
DVC5000f-SCAP/PID/IS	Digital Valve Controller
DVC6000f-FL DO/DI/AI	Digital Valve Controller
DVC6200f	Digital Valve Controller

MagTech

LTM-300	Magnetostrictive Level Transmitter
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Micro Motion

2000	Coriolis Mass Flowmeter
2700MVD	Coriolis Mass Flowmeter
5300	Coriolis Mass Flowmeter

Numatics

	Field Transmitter
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Process Systems and Solutions

VE4052	H1 Carrier
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Rosemount

644	Temperature Transmitter
752	Fieldbus Remote Display
848L	Logic Transmitter
848T	Temperature Transmitter
2051	Pressure Transmitter

Emerson FOUNDATION™ FIELDBUS DEVICES

2230	Graphical Display Unit
2240S	Multi-Input Temperature Transmitter
3051	Pressure Transmitter
3051S	Pressure Transmitter
3095	Multivariable Mass Flowmeter
3144P	Temperature Transmitter
3244MV	Multivariable Temperature Transmitter
5300	Radar Level Transmitter
5400	Radar Level Transmitter
5600	Radar Level Transmitter
8732E	Magnetic Flowmeter
8742	Magnetic Flowmeter
8800	Vortex Flowmeter
TankRadar® Rex	Radar Level Gauge

Rosemount Analytical

1000	Conductivity Analyzer
1066	Liquid Analytical Transmitter
1100	Gas Analyzer
4081 C/T	Conductivity/Toroidal Transmitter
4081 FG	Flue Gas Oxygen Analyzer
4081 pH/ORP	pH/ORP Transmitter
5081 A	Amperometric Transmitter
5081 C/T	Conductivity/Toroidal Transmitter
5081 pH/ORP	pH/ORP Transmitter
700XA	Gas Chromatograph
Oxymitter 5000	Flue Gas Oxygen Transmitter
OCX 8800	Oxygen/Combustibles Transmitter
Xmt-A	Amperometric Analyzer
Xmt-C	Conductivity Analyzer
Xmt-P	pH/ORP/pION Analyzer

TopWorx

Valvetop DVC	Discrete Valve Controller
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Valve Automation

Field Q	Pneumatic Valve Actuator
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Emerson PROFIBUS DEVICES

Control Techniques

Commander SK	General Purpose AC Drive
Unidrive SP	Universal AC Drive

Micro Motion

2400	Coriolis Mass Flowmeter
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Numatics

G3	Field Communication Electronics
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Rosemount

644	Temperature Transmitter
8732	Magnetic Flowmeter

AMSaware HART Devices

ABB

261	Pressure Transmitter
658T	Temperature Transmitter
2600T Series	Pressure Transmitter
50SM1000	Magnetic Flowmeter
50XE4000	Magnetic Flowmeter
50XM2000	Magnetic Flowmeter
600T	Differential Pressure Transmitter
652/653S	Temperature Transmitter
ACA592 Series	Conductivity Transmitter
AS800	Pressure Transmitter
Contrac	Electrical Actuator
FEX300	Electromagnetic Flowmeter
KST	Tripping Relay
KSX	Pressure Transmitter
FSM4000	Magnetic Flowmeter
TB82 Series	Conductivity Analyzer
TTX200 Series	Temperature Transmitter
TEU211	Temperature Transmitter
TH02	Temperature Transmitter
TRIO-WIRL	Flowmeter
TS11	Temperature Transmitter
TTX300 Series	Temperature Transmitter

AMSaware HART Devices

TZID	Electropneumatic Valve Positioner
TZIDC	Electropneumatic Valve Positioner
Ametek Drexelbrook	
DR2000	Guided Wave Radar Level Meter
DR5200	Radar Level Meter
Universal III	Level Transmitter
Usonic	Ultrasonic Flowmeter
Anderson Instrument	
ANDRSN1	Pressure Transmitter
Aplisens	
LI-24	Temperature Transmitter
Autrol	
APT3100	Pressure Transmitter
APT3200	Pressure Transmitter
AP3700N	Gauge Pressure Transmitter
ATT2100S	Temperature Transmitter
Azbil Corporation	
AT9000	Pressure Transmitter
ATT Series	Temperature Transmitter
AVP700	Valve Positioner
GASCVD	Natural Gas Calorimeter
MagneW Series	Magnetic Flowmeter
PTG Series	Pressure Transmitter
ST 3000	Pressure Transmitter
ST 9000	Pressure Transmitter
SVP3000	Pneumatic Valve Positioner
BadgerMeter	
Primo	Electromagnetic Flowmeter
BD Sensors	
D331A	Pressure Transmitter
Berthold Technologies	
Uniprobe LB490	Level Gauge
Uniprobe LB491	Radiometric Density Meter
Biffi	
HRTIMVS2000	Pneumatic Actuator

Bopp+Reuther Messtechnik

DIMF	Analyzer
ES	Float Flowmeter
RQ UST Series	Turbine Meter
UMC2	Mass Flowmeter
VTX	Vortex Flowmeter

Bourdon Haenni

FlexBar 3501	Pressure Transmitter
FlexBart HRT	Pressure Transmitter
FlexTop HRT	Temperature Transmitter

Brooks

38XXVA	Metal Tube Flowmeter
Tri20	Tri20 Smart Oval Flowmeter

BTG Instruments

HCM-8000	Measuring Instrument
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Daehan Control

SS	Valve Controller
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Dandong Top

DLT9000	Displacer Level Transducer
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Detcon

700 Bridge	HRT Bridge
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Detector Electronics

Eclipse_CO2	Gas Detector
GT3000	Gas Detector
Open Path Eclipse RX	Gas Detector
Pointwatch Eclipse PIRECL	Gas Detector
UD10	Gas Detector Display
X2200	Flame Detector
X3301	Flame Detector
X3302	Fire Detector
X5200	Flame Detector
X9800	Flame Detector

DKK-TOA

HBM-165H	pH/ORP Analyzer
WBM-165H	Conductivity Analyzer

AMSaware HART Devices

Dräger/Dräger Safety

Polytron 2	Gas Detector
Polytron 2 IR	Gas Detector
Polytron 7000	Gas Detector

Dynisco

IPX	Multivariable Pressure Transmitter
IPX II	Multivariable Pressure Transmitter
SPX4 Series	Melt Pressure Transmitter

Endress+Hauser

AT70	Thermal Mass Flowmeter
Cerabar M Series	Analog or Digital Pressure Transmitter
Cerabar S	Pressure Transmitter
CNGMASSDCI	Coriolis Flowmeter
CUBEMASSDCI	Coriolis Flowmeter
Deltabar M5X	Differential Pressure Transmitter
Deltabar S	Differential Pressure Transmitter
Deltapilot M5X	Hydrostatic Level Transmitter
Deltapilot S	Hydrostatic Level Transmitter
Electronic Insert FEC12	Capacitive Level Transmitter
FMG60	Nuclear Level Transmitter
FMI 5X	Level Transmitter
FMR Series	Level Transmitter
FMU Series	Ultrasonic Level Transmitter
FMP Series	Level Transmitter
iTEMP HART TMT Series	Temperature Transmitter
Levelflex MFMP	Level Transmitter 40/41C/45
Levelflex FMP5X	Level Transmitter
Liquiline CM44x	Digital Multiparameter Controller
Liquistation CSFxx	Stationary Sampler
Micropilot FMR 130	Radar Level Transmitter
Micropilot FMR M 230/231/240/244/245	Radar Level Transmitter
Micropilot FMR S 530/531/532/533	Continuous Level Transmitter

MyPro CPM 431	Liquid Analytical
MyPro LFC	Liquid Analytical
NMS 520	Level Sensor
NMT 530	Temperature Sensor
Promag Series	Magnetic Flowmeter
Promass Series	Coriolis Flowmeter
Prosonic Flow Series	Ultrasonic Flowmeter
Prowirl Series	Vortex Flowmeter
TMD 832/833/842	Temperature Transmitter
T-mass 65	Thermal Mass Flowmeter
T-mass 150	Thermal Mass Flowmeter
T-mass LT 150	Mass Flowmeter
TMT 82/142/162	Temperature Transmitter
Waterpilot 2X	Hydrostatic Level Transmitter

ENOTEC

COMTEC 6000	Oxygen Analyzer
OXITEC 5000	Oxygen Analyzer

Fieldbus International

OXI5000	Oxygen Analyzer
PIR2000	Gas Detector

FLEXIM

FLUXUS	Ultrasonic Flowmeter
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Flowserve

Logix 520	Digital Valve Positioner
Logix 520MD	Digital Valve Positioner
Logix 1200	Digital Valve Positioner
Logix 3200IQ	Digital Valve Positioner
Logix 3200MD	Digital Valve Positioner

Fluid Components

ST98	Gas Mass Flowmeter
ST100 Series	Flowmeter

Foxboro Eckardt

876PH	PH, ORP, ISE Transmitter
DMU 130	Pressure Transmitter
DMU 140	Pressure Transmitter
IASPT Premium2	Pressure Transmitter
IDP31	Pressure Transmitter

AMSaware HART Devices

MT96	Magnetic Flowmeter	LDO	Oxygen Sensor
IMV 31	Level Transmitter	sc200 4-20mA Input Module	4-20 mA Input Module
M84 Vortex	Vortex Flowmeter	sc200 Contacting Conductivity	Sensor Input Module
MAG2	Magnetic Flowmeter	sc200 DO Module	Dissolved Oxygen Sensor Input Module
RTT80	Temperature Transmitter	sc200 Inductive Conductivity	Sensor Input Module
SRD960	Universal Positioner	sc200 pH/ORP Module	Sensor Input Module
SRD991	Pneumatic Valve Positioner	sc200 Ultrasonic Flow Module	Sensor Input Module
TI20(RTT20)	Temperature Transmitter	Surface Scatter 7	High Range Turbidimeter
TSV 175	Temperature Transmitter	TSSsc	Total Suspended Solids Probe
Fuji Electric			
FCXA2	Pressure Transmitter	Hamilton Bonaduz	
FCX-A/C	Pressure Transmitter		
FCX-All/CII	Pressure Transmitter		
FRC	Temperature Transmitter	VisiPro DO	Optical Dissolved Oxygen Sensor
Gastron			
GIR-3000	Infrared Gas Detector	Harold Beck & Sons	
GTD2000	Combustible Gas Detector		
General Monitors			
FL3100H/FL3101H	Flame Detector		
FL4000	Flame Detector		
IR400	Point Infrared Gas Detector		
IR700	Infrared Gas Detector		
IR4000	Point Infrared Combustible Gas Detection System		
Observer-H	Ultrasonic Gas Leak Detector		
Observer-I	Gas Detector		
S4000CH	Combustible Gas Detector		
S4000TH	Toxic Gas Detector		
TS4000H	Toxic Gas Detector		
GE Sensing			
RTX1000H Series	Pressure Transmitter		
GP50			
MDL400	Pressure Transmitter		
Hach			
1720E Turbidimeter	Online Turbidimeter		
Differential pH/ORP	Differential pH/ORP Probe		
FP360sc	Oil-in-Water Sensor		

AMSaware HART Devices

SmartLine ST800	Pressure Transmitter	Knick Elektronische Messgeräte	
SmartLine TDR	Level Transmitter	Process Unit 77 X LF	Conductivity Analyzer
ST3000	Differential Pressure Transmitter	Process Unit 77 X LFI	Conductivity Analyzer
ST3000 Series	Temperature Transmitter	Process Unit 77 X Oxy	Oxygen Analyzer
STT Series	Temperature Transmitter	Process Unit 77 X pH	pH Analyzer
TWC9000	Coriolis Mass Flow Converter	Stratos® e 2211x Cond	Conductivity Analyzer
TWM1000	Electromagnetic Flowmeter	Stratos® e 2211x Oxy	Oxygen Analyzer
TWM9000	Electromagnetic Flow Transmitter	Stratos® e 2211x pH	pH Meter Analyzer
XNX	Universal Transmitter	Stratos® ProA6201 Cond	Conductivity Analyzer
Huakong			
HK TT01	Temperature Measurement	Stratos® ProA6201 Condi	Conductivity Meter
Inor			
IPAQ C520/R520	Temperature Transmitter	Stratos® ProA6201 Oxy	Dissolved Oxygen Meter
MesoTM	Temperature Transmitter	Stratos® ProA620PH	pH Transmitter
Intercorr			
SmartCET	Single Variable Transmitter	Kongsberg Maritime	
Invensys Foxboro			
875CR	Conductivity Analyzer	GT400	Pressure Transmitter
875EC	Electrodeless Conductivity Analyzer	KOSO Engineering	
875PH	pH Analyzer	EP1000/SPS2000	Electropneumatic Positioner
CFT50	Coriolis Flowmeter	EP1001	Electropneumatic Postioner
Coriolis CFT50 I/A Pressure	Coriolis Flowmeter Pressure Transmitter	Krohne	
I/T Vortex	Vortex Flowmeter	BM 100 A	Radar Level Gauge
IMT25	Magnetic Flowmeter	BM70A/BM70P/BM70M	Radar Level Gauge
IMV Series	Level Transmitter	BM102	Radar Level Gauge
IMV 25/30	Multivariable Pressure Transmitter	ESK II	Magnetic Converter
RTT15	Temperature Transmitter	ESK2A	Variable Area Flowmeter
Kajaani Process Measurements			
KC/3	Blade Consistency Transmitter	ESK4	Variable Area Flowmeter
KC/5	Rotary Transmitter	IFC 040	Electromagnetic Flowmeter
Klay Instruments			
Series 2000	Pressure Transmitter	IFC 080	Magnetic Flowmeter
		IFC 090 K	Magnetic Flowmeter
		IFC110 F	Magnetic Flowmeter
		M10	Variable Area Flowmeter
		M8E	Variable Area Flowmeter
		MFC050/MFC051	Mass Flow Flowmeter
		MFC08x	Coriolis Mass Flowmeter
		MFC300	Coriolis Mass Flowmeter
		OPTIFLEX 1300	Guided Radar Level Meter
		OPTIFLEX 2200	Guided Radar Level Meter

AMSaware HART Devices

OPTIFLUX IFC 300	Converter	EZ Modulelevel®	Level Transmitter
OPTIWAVE 7300	Radar Level Meter	Horizon™ 704	Level Transmitter
SMARTSENS ORP	pH Sensor	Jupiter™	Magnetostrictive Level Transmitter
TT50C/R	Temperature Transmitter	Kotron® 805	RF Level Transmitter
TT51C/R	Temperature Transmitter	Model 355	Ultrasonic Level Transmitter
UFC 030	Ultrasonic Flowmeter	Model R82	Radar Level Transmitter
UFC 400	Ultrasonic Flow Transmitter	Model TA2 2X	Thermal Mass Flow Transmitter
UFC 500 K/F	Ultrasonic Flowmeter	Pulsar™ R05	Level Transmitter
VFC 070	Vortex Flowmeter	Thermatel	Mass Flowmeter
VFM 3100 F-T/W-T	Vortex Flowmeter		
Kurz Instruments			
MFT B-Series	Gas Mass Flowmeter		
K-TEK Corporation			
AccuTrak AT100 Series	Level Transmitter		
MT	Level Transmitter		
MT5000	Guided Wave Radar Level Transmitter		
MT5100	Guided Wave Radar Level Transmitter		
MT5200	Guided Wave Radar Level Transmitter		
SS140XP	Laser Level Sensor		
LABOM			
IPX	Multivariable Pressure Transmitter		
PASCAL CV	Pressure Transmitter		
Lanlian Instruments			
LSIII	Pressure Transmitter		
M Systems			
B3HU2	Temperature Transmitter		
B6U/B6U-B	Temperature Transmitter		
Magnetrol			
705	Guided Wave Radar Transmitter		
E3 Modulelevel	Level Transmitter		
Eclipse® 705	Level Transmitter		
Eclipse® 705 2.X	Level Transmitter		
Eclipse® 707	Level Transmitter		
Eclipse® 708	Level Transmitter		

AMSaware HART Devices

Mettler-Toledo		ST9801	Coriolis Mass Flowmeter
Cond 7100e/2(X)H	Conductivity Analyzer	T55	Temperature Transmitter
Cond 7220(X)	Conductivity Analyzer	ULTRAOI VAL	Flow Transmitter
Cond Ind 7100e/2(X)H	Conductivity Analyzer	Phase Dynamics	
M420 Cond	Conductivity Meter	Analyzer	Microwave Analyzer
M420 Cond Ind	Conductivity Meter	Phoenix Contact	
M420 O2	Dissolved Oxygen Meter	MCR-FL-HT-TS-I-EX	Temperature Measuring Transducer
M420 pH	pH Meter	MCR-FL-TS-LP-I-EX	Temperature Measuring Transducer
O2 4100e/2(X)H	Oxygen Analyzer	PMV Flowserve	
O2 4220X	Oxygen Analyzer	D3	Digital Valve Positioner
pH 2100/2(X)H	pH Analyzer	PR Electronics	
pH 2220(X)	pH Analyzer	5335A/5335B	Temperature Transmitter
Moore Industries		6335A/6335B	Temperature Transmitter
888 THZ2/TDZ2	Temperature Transmitter	T55	Temperature Transmitter
HTZ TRZ	Temperature Transmitter	PRIME Measurement Products	
TCM	Temperature Transmitter	340 A2	Pressure Transmitter
THZ	Temperature Transmitter	340 S	Pressure Transmitter
MSA		343	Temperature Transmitter
888 THZ2/TDZ2	Temperature Transmitter	345	Pressure Transmitter
HTZ TRZ	Temperature Transmitter	Process Measurement & Controls	
UltimaXEh	Gas Detector	Series 442	Temperature Transmitter
UltimaXL/XT	Gas Monitor	Series 642	Temperature Transmitter
MTS Systems		Pyromation	
M-Series	Magnetostrictive Level Transmitter	Series 662	Temperature Transmitter
Ohmart		SMT-EL	Pressure Transmitter
DSTH/LSTH Comp	Level Transmitter	Ronan Engineering	
Oldham		X96D	Gamma Ray Density Meter
OLCT 200	Gas Detection Transmitter	X96L	Gamma Ray Level Meter
Orange Instruments		X96LD	Multivariable Gamma Ray Meter
EX200H Positioner	Electro-Hydraulic Positioner	X96W	Gamma Ray Weight Meter
Oval Corporation		X96SI/R	Nucleonic Level Gauge
9201	Coriolis Mass Flowmeter	X99MD	Motorized Density Meter
CT9401	Coriolis Mass Flowmeter	Roost	
EV9201	Coriolis Mass Flowmeter	EPP300	Electropneumatic Positioner
ExDelta	Vortex Flowmeter		

AMSaware HART Devices

Samson			
373X-3	Valve Positioner	SITRANS TH300	Temperature Transmitter
3730-6	Electropneumatic Positioner	SITRANS TR300	Temperature Transmitter
3780	Digital Valve Positioner	SITRANS TK-H	Temperature Transmitter
Satron Instruments		SITRANS TW	Rail Mounted Transmitter
P Smart	Pressure Transmitter	SITRANS VP	Electropneumatic Positioner
V-Series	Pressure Transmitter	SICK Engineering	
Schlumberger		FLAWSIC 600	Ultrasonic Flowmeter
NEXGEN	Mass Flowmeter	Simtronics ASA	
Shanghai Welltech Automation		GD10P	Infrared Gas Detector
WT-2000	Pressure Transmitter	Smar International	
SIC		DT301	Density Transmitter
HVP	Actuator	FY301	Electropneumatic Valve Positioner
HVP1114	Pneumatic Valve Positioner	LD291	Pressure Transmitter
PES	Pressure Transmitter	TP301	Pressure Transmitter
Siemens		TT301	Temperature Transmitter
86x Probe	Ultrasonic Level Probe	TT400	Temperature Transmitter
InterMag-TransMag	Magnetic Flowmeter	SMC	
IQ Radar 300	Microwave Radar Level System	F793-E701	Electropneumatic Positioner
LR200	Pulse Radar Level Transmitter	IP 8X01	Electropneumatic Positioner
Mag6000	Electromagnetic Flowmeter	SOR	
MST2002	Carbon Monoxide Monitor	815 Series	Pressure Transmitter
MST9500	Level Transmitter	Sparling Instruments	
Probe LR	Radar Level Transmitter	FM6xx	Magnetic Flowmeter
SIPART PS2	Valve Positioner	Spectrex	
SITRANS FC MASS FLOW	Coriolis Mass Flowmeter	Sharp Eye	Optical Flame Detector
SITRANS FM	Electromagnetic Flowmeter	Status Instruments	
SITRANS LR	Radar Level Transmitter	SEM 300	Temperature Transmitter
SITRANS P300	Pressure Transmitter	StoneL Corporation	
SITRANS Probe LU	Ultrasonic Level Transmitter	Axiom	Valve Monitor
SITRANS P DS III	Absolute Pressure Transmitter	Thermo Electron Corporation	
SITRANS P ES	Absolute Pressure Transmitter	900 Densitometer	Density Meter
SITRANS P HS	Absolute Pressure Transmitter	3680	Nuclear Density Transmitter
SITRANS P MS	Absolute Pressure Transmitter	4789	Continuous Gamma Level Transmitter
		ACCU_PULSE_PRO	Laser Ranging Meter

AMSaware HART Devices

TN Technologies		Vortek Instruments	
NCMi	Nuclear Continuous Level Measurement	INNOVAMASS	Mass Vortex Flowmeter
Tokyo Keiso		Westlock Controls	
AM/H	Flow Transmitter	D-EPIC	Digital Positioner
FST-3000	Level Transmitter	ICoT® Series	Pneumatic Valve Positioner
FW-9000	Level Transmitter	WIKA	
NLZ/H	Flow Transmitter	DPT	Differential Pressure Transmitter
UME1000	Ultrasonic Flowmeter	T32.10/T32.30	Temperature Transmitter
VFC 070	Vortex Flowmeter	Unitrans	Pressure Transmitter
Toshiba		Yokogawa	
AP3100	Pressure Transmitter	ADMAG AE Series	Magnetic Flowmeter
LF220	Electromagnetic Flowmeter	ADMAG SE Series	Electromagnetic Flowmeter
TRACERCO Instruments		AMII	Flowmeter
PRI-150	Nucleonic Level Transmitter	AV5SOG	Averaging Converter
Tyco		AXFA11G	Magnetic Flowmeter
Avid™ SmartCal-nB	Valve Positioner	AXFA14G/C	Magnetic Flowmeter
VEGA Grieshaber		AXR	Electromagnetic Flowmeter
FIBERTRAC Series	Radiation Level Sensor	Digital YEWFO Series	Vortex Flowmeter
MINITRAC Series	Radiation Density and Level Sensor	DO202G	Oxygen Analyzer
POINTRAC 31	Radiation Level Sensor	DYF	Vortex Flowmeter
SOLITRAC 31	Radiation Level Sensor	EJA Series	Differential Pressure Transmitter
VEGA D-Series	Differential Pressure Transmitter	EJX Series	Pressure Transmitter
VEGABAR Series	Process Pressure Transmitter	FLXA21 Series	Analyzer
VEGACAL 60	Level Transmitter	ISC202	Conductivity Analyzer
VEGACAP	Capacitive Level Transmitter	ISC450G	Conductivity Analyzer
VEGADIF Series	Differential Pressure Transmitter	PH150	pH Transmitter
VEGAFLEX Series	Microwave Level Transmitter	PH202	pH Transmitter
VEGAPULS Series	Radar Level Transmitter	PH450G	pH Transmitter
VVEGASOn Series	Ultrasonic Level Transmitter	RAMC RotameterTM	Variable Area Flowmeter
Venture Measurement		RCCT	Mass Flowmeter (RotaMass Integral)
FORCEmeter	Flowmeter	ROTAMASS 3-Series	Coriolis Flowmeter
Viatran		SC150	Conductivity/Resistivity Transmitter
910	Pressure Transmitter	SC202	Conductivity/Resistivity Transmitter
IA_Pressure	Pressure Transmitter	SC450G	Conductivity/Resistivity Transmitter

AMSaware HART Devices

UNICOM	Pressure Transmitter
YEWFO Series	Vortex Flowmeter
YT200	Temperature Transmitter
YTA Series	Temperature Transmitter
YTA70 Series	Temperature Transmitter
ZR202	Oxygen Analyzer
ZR402	Oxygen Analyzer
YTC	
YT-2300	Valve Positioner
YT-2400	Valve Positioner

AMSaware FOUNDATION™ FIELDBUS DEVICES

ABB	
266 P-dP	Pressure and Level Transmitter
2000T	Mass Flow Pressure Transmitter
2600T	Differential Pressure Transmitter
2600T (267/269)	Pressure Transmitter
600TEN	Pressure Transmitter
FieldKey NHU200-WL	WirelessHART Adapter
FCM2000	Coriolis Mass Flowmeter
FSM4000	Electromagnetic Flowmeter
FXE4000	Electromagnetic Flowmeter
TB82EC Four-Electrode	Conductivity Analyzer
TB82pH	pH/ORP/piOn Analyzer
TB82TE Two-Electrode	Conductivity Analyzer
TF02	Temperature Transmitter
TRIO-WIRL	Vortex Flowmeter
TTX300	Temperature Transmitter
TZIDC	Positioning Electric Valve
Anderson Instruments	
FPP Series	Electronic Turbine Flowmeter
FPT Series	Electronic Turbine Flowmeter

AMSaware FOUNDATION™ FIELDBUS DEVICES

AUMA	
AUMATIC AC	Actuator
Azbil Corporation	
ATT Series	Temperature Transmitter
AVP Series	Valve Positioner
MagneW 3000 flex/plus	Magnetic Flowmeter
ST3000 Series 900	Pressure Transmitter
BEKA Associates Ltd.	
BA488CF Series	Fieldbus Display
BA4/4DF Series	Fieldbus Indicator
Biffi	
FF2000v4	Electric Actuator Valve Positioner
Brooks	
SLA Series	Field Transmitter
Bürkert Werke	
8643	Power I/O Box
Cidra Corporation	
SONARtrac	Process Monitoring System
Dräger Safety	
Polytron 7XXX	Gas Detector
Dresser/Ledeon	
LFFC-LO-1.0	Electric Actuator
Dynamic Flow Computers	
DynamicFB	Flow Computer
Dynisco Instruments	
FFX	Pressure Transmitter
EIM Controls	
DCM Fieldbus Actuator	Electric Valve Actuator
EA00	Pneumatic Valve Positioner
ED00	On/Off Valve Positioner
Endress+Hauser	
Cerabar S	Digital Pressure Transmitter
Deltabar S	Differential Pressure Transmitter
Deltapilot S	Hydrostatic Level Transmitter
Gammapilot M	Radiometric Density/Level Transmitter

AMSaware FOUNDATION™ FIELDBUS DEVICES

Levelflex M	Guided MicroWave Level Transmitter
Liquiline M CM42 pH/ORP	pH/ORP Transmitter
Liquiline M CM42 Cond	Conductivity Analyzer
Liquiline M CM42 Doxygen	Dissolved Oxygen Transmitter
Micropilot II	Microwave Level Transmitter
Micropilot FMR5x	Radar Level Transmitter
Micropilot M	Microwave Level Transmitter
Proline t-mass 65	Thermal Mass Flowmeter
Promag 53	Electromagnetic Flowmeter
Promass 83	Coriolis Flowmeter
Prosonic Flow 92	Ultrasonic Flowmeter
Prosonic Flow 93	Ultrasonic Flowmeter
Prosonic M	Ultrasonic Level Transmitter
Prowirl 72	Vortex Flowmeter
Prowirl 73	Vortex Flowmeter
TMT 125	Temperature Transmitter
TMT 162	Temperature Transmitter
TMT 165	Temperature Transmitter
Flowserve	
Accutronix MX	Actuator
BUSwitch™	On/Off Valve
Logix 1400 Series	Valve Controller
Logix 3400MD	Positioner
Flowserve Limatorque	
Accutronix MX	Rotary Valve Controller
Fuji Electric	
FCX-A/C	Electric Differential Pressure Transmitter
GE Sensing	
SVI FF	Pneumatic Valve Positioner
XGS868I	Ultrasonic Steam Gas Flowmeter
XMT868	Ultrasonic Flowmeter
Heinrichs Messtechnik	
ES-FF	Variable Area Flowmeter

Honeywell	
ST 3000 Pressure	Pressure Transmitter
ST 3000 Temperature	Temperature Transmitter
STG 800	Gauge Pressure Transmitter
STR 700	Remote Diaphragm Seal Pressure Transmitter
Invensys/Foxboro Eckardt	
240FF	Intelligent Transmitter
IASPT10	Pressure Transmitter
RTT15-F	Temperature Transmitter
SRD960	Pneumatic Valve Positioner
SRD991	Digital Valve Positioner
Knick Elektronische Messgeräte	
Stratos® FF2231XCondi	Conductivity Analyzer
Stratos® FF2231XOxy	Oxygen Analyzer
Stratos® FF2231X pH	pH Analyzer
Stratos Pro FF	Measuring System for Liquid Analysis
KOSO America Inc.	
XPAC Actuator	Valve Actuator
Krohne	
BM100A	Radar Level Transmitter
BM70A/BM70P/BM70M	Radar Level Transmitter
ESK4	Variable Area Flowmeter
IFC 090 K	Magnetic Flowmeter
IFC 300	Electromagnetic Flowmeter
MFC 300	Coriolis Mass Flowmeter
Optisonic UFC400	Ultrasonic Flowmeter
OPTIWAVE-5200 C/F	Radar Level Meter
K-TEK Corporation	
AccuTrak AT100	Magnetostrictive Level Transmitter
AccuTrak MT5000	Level Transmitter
Magnetrol	
705	Guided Wave Radar Level Transmitter
Eclipse 705	Level Transmitter
Eclipse 706	Guided Wave Radar Level Transmitter

**AMSaware
FOUNDATION™ FIELDBUS DEVICES**

E3 Modulelevel	Displacer Level Transmitter
Orion Jupiter Model 2xx	Magnetostrictive Level Transmitter
Masoneilan	
FVP	Fieldbus Valve Positioner
Metso Automation	
ND800FF	Rotary Valve
ND9000FF	Digital Valve Controller
Mettler-Toledo	
Cond 7100e FF	Conductivity-Toroidal Analyzer
M400(G)FF	Multi-Parameter Transmitter
M700FF	Fieldbus Communication Module
O2 4100 FF	Oxygen Analyzer
pH 2100 FF	pH Analyzer
Microcyber	
PT 105	Pressure Transmitter
Morgan	
Morgan Actuator	Actuator
MTL	
F809F	Fieldbus Diagnostic Monitor
MTS System	
MTS_Level Plus_MG	Liquid Level Transmitter
Ohmart	
GEN2000	Nuclear Density Level Transmitter
Optek-Danulat	
C_HC4xxx / C8xxx Series	Inline Photometric Analyzer
Oval Corporation	
EX DELTA	Vortex Flowmeter
Pepperl+Fuchs	
FD0-VG-Ex4.FF	Valve Coupler
PR Electronics	
5350A/5350B	Temperature Transmitter
6350A/6350B	Temperature Transmitter
R.Stahl	
9413	Digital I/O Coupler

Rotork	
ROTORK	Valve Positioner
Samson	
373X-5	Valve Positioner
3787	Valve Positioner
Siemens	
SIPART PS2	Valve Positioner
SITRANS LR250	Radar Level Transmitter
SITRANS P DS III	Pressure Transmitter
Smar International	
FI302	Fieldbus to Current Converter
FP302	Valve Positioner
FY302	Valve Positioner
IF302	Current to Fieldbus Converter
LD302D/LD302H	Pressure Transmitter
TT302	Temperature Transmitter
Stonel Corporation	
461, 052, 465, 014	I/O FOUNDATION fieldbus Interface
461052, 465014 (DIn)	Valve Communication Terminal Actuator
461054, 461087, 461088, 465015, 465022, 465023	I/O FOUNDATION fieldbus Interface
VEGA Grieshaber	
FIBERTRAC 32	Radiation-Based Sensor
VEGABAR Series	Process Pressure
VEGACAL	Capacitive Level Transmitter
VEGADIF	Differential Pressure Transmitter
VEGAFLEX Series	Microwave Level Transmitter
VEGAPULS Series	Radar Level Transmitter
VEBASON Series	Ultrasonic Level Transmitter
Westlock Controls	
BIFFICON2000	Valve Positioner
EL40106	Discrete Valve Controller
WIKA	
T53.10	Temperature Transmitter

**AMSaware
FOUNDATION™ FIELDBUS DEVICES**

Yokogawa	
ADMAG AE Series	Magnetic Flowmeter
ADMAG AXF	Magnetic Flowmeter
AV550G	Oxygen Analyzer
DAQStation Series	Digital Data Collection Recorder
Digital YEWFLO Series	Vortex Flowmeter
DYF Software Download	Vortex Flowmeter
DO202-F	Dissolved Oxygen Transmitter
EJA Series	Pressure Transmitter
EJX Series	Pressure Transmitter
EJX910	MultiVariable Flow Transmitter
FVX	Segment Indicator
ISC202F	Conductivity/Resistivity Analyzer
PH202F	pH Analyzer
ROTAMASS	Coriolis Flowmeter
SC202F	Conductivity/Resistivity Analyzer
YEWFLO Series	Vortex Flowmeter
YPK	Pneumatic Converter
YTA80	Temperature Transmitter
YTA320	Temperature Transmitter
YVP Series	Valve Positioner
YVP Software Download	Valve Positioner

**AMSaware
PROFIBUS DEVICES**

Rotork	
Rotork Profibus DPV1	Acyclic Data Exchange
Siemens	
Simocode ProC	Motor Management System
Simocode ProV	Motor Management System

**AMSaware
CALIBRATORS**

Beamex	MC3, MC5, MC5-IS, MC5P, MC5FF
Druck	DPI605, DIP615, DPI620 CE/IS, DPI620 Genii, MCX 2, Unomat TRX-II,
Fluke	702, 743, 744, 754
Rosemount Validator	P330, P370, T460, T490
Transmaton	195, 196, 197
BETA Calibrations	BetaFlex, BetaGauge II, MasterCal 922

**AMS DEVICE MANAGER SUPPORTED
CONVENTIONAL DEVICES**

Consistency Meter
Control Valve
Flow
Generic
Generic Switch
Relativity Humidity Meter
I/P
pH
Pressure
Temperature
Temperature Switch
Test Equipment
Weigh Scale

Our Users Say It Best

*AMS Device Manager
delivers customer proven results*

From startup and commissioning to improved efficiency through predictive maintenance, AMS Device Manager delivers proven, quantified results. No other asset management application provides an equal scope of capabilities and breadth of supported devices. With AMS Device Manager, you can consider it solved.

“10% reduction in routine maintenance.”

– Alabama Power

“Saved \$136,800 by avoiding unnecessary valve maintenance.”

– Chevron/Texaco

“Reduced nitrogen consumption by \$85,000/year.”

– Tyco

“75% reduction in installation and commissioning time.”

– ExxonMobil Chemical

“Greater than 10% increase in production.”

– Cabot

“Reduced man-hours required for device configuration by 50%.”

– Agrium





*For additional details on the updated list of devices available in
AMS Device Manager, see our website at www.emersonprocess.com/ams*

*Do you have a device that is not AMSaware?
Ask the device vendor to contact Emerson.*

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