Detection & Measurement Systems has the knowledge and experience to provide the right instrumentation, analyzer and notification products for your application. With a specialization in hazardous area products, we’ll help you get it right the first time with exceptional products from manufacturers whose names you’ll recognize. We take great pride in the product solutions we offer and in our reputation for being a strong technical resource for our customers, both during and long after the sale.
Wireless Gas Detection & Mobile Productivity

BLACKLINE SAFETY
Cellular and Satellite Connected Wireless Portable Gas Detection
• Cellular and Satellite lone-worker wireless single or quad-gas personal gas detection, with two-way voice communication, text messaging, evacuation management.
• Cloud-Hosted monitoring portal with alert management, real-time map, historical view, configuration management
• Seamless configuration and firmware updates occur automatically over the air

RAE SYSTEMS
Wireless, Real-Time Personal Portable Gas Detection Monitoring
• ConneXt plant-wide wireless personal toxic & combustible gas detection systems
• Portable PID photoionization detector, measuring a broad range of volatile organic compounds (VOCs)
• Wireless Single and Multi-Gas portable combustible and toxic gas detectors

ECOM INSTRUMENTS
Mobility & Productivity with Hazardous Area Tablets, Smart Phones and Cameras
• Rugged C1D1 & C1D2 Handheld Mobile Devices - Productivity Apps, Camera, Data/Wi-Fi/Bluetooth, Push-to-Talk, Man-Down, Industrial Bluetooth Communication, and more...
• Bluetooth communication to Rae Systems and Honeywell Analytics Gas Detection
• Custom & Factory supported mobile device applications

DETECTION & MEASUREMENT SYSTEMS
Custom Wireless Fixed Gas Detection
• Honeywell Analytics Combustible & Toxic Gas Detectors, Custom Packaged for your Requirement
• Designed for local field power or with solar power, fixed or transportable
• Available for Hazardous Area or Safe Area Installations
Measurement & Analysis

THE WORLD LEADER IN GAS ANALYSIS
- Process and Lab Analyzers for Combustion Control, Emissions Monitoring, Process Control, Process Safety and Quality Control
- Paramagnetic, TDL, Infrared, PID, Spectroscopic, UV Fluorescence, Gas Chromatography and Chemiluminescence technologies, among others.
- Single-point solutions to complex multi-analyzer system integration

M4 KNICK
Smart pH/ORP, Conductivity, Dissolved Oxygen Process Analytics
- Rugged, low-maintenance in-process pH/ORP Conductivity, Dissolved Oxygen sensors
- Analog or Memosens smart digital transmitters, allowing for calibration/diagnostics in the shop/lab
- Chemtrac Retractable Holders Eliminate projectiles and process exposure

SWAN ANALYTICAL INSTRUMENTS
Water Quality Analyzers
- Analytical instruments for measuring/monitoring Ammonium, Chlorine/Ozone/ClO2, Hydrazine/Carbohydrazide, Nitrate, Phosphate, Silica, Sodium, and dissolved Oxygen
- Applications include Feedwater, Steam Condensate, Potable Water, Cooling Water, Waste Water Effluents, High Purity Water

WARTSILA TANK CONTROL SYSTEMS
LNG/LPG Tank Gauging Systems
- LNG Level, Density, Temperature Tank Gauging Systems
- LNG Tank Management/Stratification/Rollover Prediction Software
- In-Tank Safety Shutoff Valves (Pneumatic and Hydraulic)

Alarm Notification & CCTV Cameras

EATON CROUSE-HINDS HAZARDOUS AREA COMMUNICATIONS
Hazardous Area Alarms, Signals and PA/GA Systems
- MEDC Xenon beacons, horns, speaker, manual callpoints and status lights
- Eaton Oxalis fixed CCTV cameras for hazardous locations
- Fully integrated plant communications and alarm notification systems
- Eaton Cooper Notification WAVES Wide-Area Mass Notification

KAHLENBERG INDUSTRIES
Industrial Air Horn Warning Systems
- 120dB to 149DB mass area notification horns
- Operate with air, nitrogen or CO2
- Multiple sound frequencies and pressures for any application

Services, Installation, Commissioning and Service Contracts

SAFE AND SECURE OPERATION OF CRITICAL PROCESSES
- Performance Based Fire and Gas Detection Mapping and Detector Placement Services
- SIS SIL Verification, Safety Requirements Specifications, and Function Safety Assessments
- HAZOP, LOPA, QRA and FMEA Analysis, Preliminary Hazards Assessment
- Industrial Control System Cyber Security Conformance and Gap Analysis

INSTALLATION, COMMISSIONING & SERVICE SUPPORT
- Let DMS handle the turnkey demolition, site preparation and new product installation
- Product commissioning by our product experts insures the best performance from your new equipment
- With a service contract through DMS, you’ll have one less thing to worry about and reliable product performance you can count on

Over 25 years of providing outstanding support for our customers.