



sales@nealsystems.com
(215) 968-7577
www.nealsystems.com



Vibration and Rotating Machinery Monitoring and Protection. Advanced Real-Time Data Capture and Analysis of Vibratory Events. Combustion Dynamics Monitoring Systems.



Control Valves and Actuators. Valve types and applications include Butterfly, Three-Way, Double-Seated, Hygienic and Angle-valves.



Foxboro Pneumatic (New and Remanufactured). Remanufactured Fisher Valves. Remanufactured Foxboro and Rosemount Transmitters.



Level Switches. Magnetic Level Indicators. Dust Emission Monitors, Ultrasonic Level Transmitters and Broken Bag Indicators.



Visual Solutions for Process Tanks, Including Unbreakable Sight Glasses, LED Lighting, Camera Analyzers, Particle-Size Analyzers, and AI-Enhanced Visual Analysis of Liquid Process Streams for Pharmaceutical, Bioreactors, Fermentation, and Liquid Fuel Analysis.



Cloud-Based Alarm Annunciation/Remote Asset Management Solutions



Fixed and Portable Gas Leak Detectors for Ox (Oxygen Depletion), Tox (Toxic Gas Exposure) and Ex (Explosive Gases). Flame Detectors (Visual and UV, IR and Triple IR). Gas / Flame / Fire Detection Systems. Design of Gas and Flame Detection Systems.



Wireless Solutions (Spread Spectrum and 2.4 GHz) with Built-In Analog/Digital Inputs / Outputs (AI, AO, DI, DO).



Precision Temperature PID Controllers. FM Limit Alarm Controllers. Electric Heat Power Controllers and SCRs. Chessell Digital Recorders. Regulatory Compliance Solutions for NADCAP (AMS2750F), FDA, and DEP.



Purging and Pressurization Solutions for Hazardous Areas. Motor and Enclosure Purge Systems. Room Pressurization Systems. Hazardous Area Label Printers. Dust and Environmental Gas Protection Systems. Nitrogen Buffer Systems for Reciprocating Compressors.



Analyzers - Formerly the AIT Brand. Mass-Spectrometer with 2-Second Response Time for Fermentation / Bioreactor Control and Analysis. FTIR and Near-Infrared Analyzers. Gas Chromatography Analyzers.

Instrumentation - Wireless and Wired Industrial Transmitters for Pressure, Flow (Coriolis, Vortex, Magmeter, Differential Pressure), Level, Temperature, Buoyancy, Analytical (pH, Conductivity). Wireless Instrument Networks (Bluetooth, WirelessHART, 900 MHz, and 2.4 GHz)

SCADA and Telemetry - EcoStuxure GeoSCADA SCADA and Visualization Solutions (formerly ClearSCADA). SCADAPack RTUs and Remote Data Gathering. Accutech Wireless Instrumentation. Cloud-Based Data-Loggers.

Valves, Positioners, and Actuators - Control Valves including Ball, Globe, and Butterfly. Universal Positioners and Actuators.



Analyzers for Oxygen, Chlorine, Hydrocarbons, and Bio-Gas Analyzers.



Bulk Storage & In-Process Weighing Solutions - Load Cells, Bolt-on Strain Gauges, & Ultrasonic Weighing



Industrial Measurement and Control Solutions for Applications involving Pressure, Level, Flow, Temperature, Density, Analytical (pH, ORP, Conductivity), Turbidity, Density



Liquid Fuel Storage Tank Monitoring and Protection Solutions - Radar Level Transmitters and Inventory Management Software, Magnetostrictive Level Gauges, Temperature Sensors and Switches, Flame / Deflagration Arrestors, Pressure and Vacuum Vents, Expanda-Seal No-Leak Protection, Manhole Covers, Breather Valves, Pilot Operated Relief Valves, Tank Blanketing and Vapor Recovery



Industrial Cellular, Licensed, and Unlicensed Wireless Radio Solutions



Vibration Sensing and Monitoring Solutions (Accelerometers, Switches, Velometers, Data Recorders, Proximity Sensors, Programmable Proximity Transmitters)



Design and Manufacturer of Custom Heating, Flex Circuit, and Temperature Sensor Solutions



Signal Isolator and Conditioning Solutions. Displays. Bargraphs.



Intrinsic Safety Solutions (Barriers, Isolators, Visualization, Lights, Horns, Wireless, Networking). Surge Protection Solutions (Plant, Panel, Instrument). Foundation Fieldbus Power Supplies and Distribution Hardware. HART Multiplexer Solutions. Tofino Security Solutions. Signal Isolator Solutions.



Non-Contact Temperature Sensing via Portable or Fixed Detection. Thermal Imagers. Pyrometers.



Fleet, Visual and Remote Monitoring of Assets via Cloud



Gas and Moisture Analyzers for all industries. Plasma, Infrared, Near-Infrared, Tunable Diode Laser (TDL), Zirconia, Thermal Conductivity, Spectroscopic, Paramagnetic, Gas Filter Correlation, Laser Moisture, Chemiluminescence, Coulometric, Calorimetry, Flame Ionization, Aluminum Oxide.



Continuous Weighing, Feeding and Blending of Dry Materials. Belt Scales, Weigh belts, Loss-in-weight Feeders, Volumetric feeders, Batching Solutions and Bridge Breaker Material Flow Aids.