

New wireless pressure gauge app increases convenience and safety

Emerson's Plantweb™ Insight application provides streamlined view of networked Rosemount™ wireless pressure gauges, helping maintenance personnel stay informed and safe

Emerson announces a new Plantweb Insight application for wireless pressure gauges that displays data in an easy-to-understand dashboard for maintenance leads and instrumentation and electrical (I&E) personnel. An entire suite of Plantweb Insight applications collectively helps users quickly make sense of plant data and drive overall enterprise profitability.

This Industrial Internet of Things (IIoT) application delivers field data from a fleet of wireless pressure gauges as frequently as once per minute. By keeping operators updated on changing conditions remotely, the app allows personnel to make fewer manual rounds and minimize their exposure to hazardous areas.

The gauge itself, the industry's first WirelessHART® pressure gauge, utilizes industry-proven Rosemount pressure sensor technology to deliver reliable pressure readings. It provides up to 150x overpressure protection compared to traditional gauges using bourdon tube technology, and two layers of process isolation for a safer field environment. The gauge, which has a 10-year life, also reduces maintenance costs by eliminating common weak points found in mechanical gauges.

The new application is the latest addition to Emerson's Plantweb™ digital ecosystem, a scalable portfolio of technologies, software, and services that take advantage

of IIoT innovations to extend the benefits of automation beyond process control to the entire enterprise, improving operations, strengthening decision-making, and institutionalizing best-practices.

Easily integrated with a variety of WirelessHART gauges and remote field sensors, Plantweb Insight applications combine continuous, real-time data provided by Emerson's Pervasive Sensing™ strategies with predictive analytics to give maintenance and operations personnel actionable, up-to-date process information in any location, improving reliability, safety, production, and energy management.



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