Smart Wireless

Emerson's Smart Wireless solutions are an extension of the PlantWeb® digital plant architecture, combining highly reliable, smart monitoring devices with wireless transmitters in an innovative self-organizing mesh network that automatically adapts as devices are added or removed, or obstructions encountered. The network, which uses Time Synchronized Mesh Protocol (TSMP) technology, has been extensively tested in harsh and dynamic industrial environments. These products are suitable for a variety of applications, including: Process Monitoring, Health, Safety & Environmental or Asset Monitoring, and many more.

Why Wireless?

The right wireless solution can eliminate "blind spots" in your plant, areas of your operation which have been either physically or economically unreachable with wires. With Smart Wireless, these blind spots disappear, and you gain convenient access to information that you simply can't get today.

Reliable

Emerson's Smart Wireless products consistently deliver greater than 99% data reliability in real world customer installations. Rosemount wireless products, part of Emerson's Smart Wireless solutions, are built on the same proven measurement platforms as our wired devices. By selecting a highly reliable wireless architecture, coupled with our best-in-class measurement technologies, you can ensure that the best information about your process is delivered to the right people, every time.

Economics

One of the greatest barriers to adopting new technologies or adding new points of measurement is sheer cost. Because there are no costly wires, cable trays, I/O or other infrastructure to design, procure, and install, customers who have selected Smart Wireless products have seen up to 90% installation cost savings over wired instrumentation alternatives.

Easy to Use

Rosemount wireless products are based on open protocols and can be installed exactly the same way as our wired devices so that special tools and additional training are not required. This enables you to quickly get access to important data and solve problems in your plant without the need for additional resources.

Expanding Opportunities

Our wireless architecture allows you to start anywhere and add more applications when you're ready. To learn about the newest additions to the Smart Wireless family and how you can start getting the benefits right away, visit www.emersonprocess.com/smartwireless.

Smart Wireless Products

Comprehensive Product Catalog

Smart Wireless Products

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