

The Smart Wireless Field Starter Kit

The Easiest, Most Reliable Way To Go Wireless





The Right Place to Start?

Anywhere.

With Emerson's Smart Wireless automation solutions backed by the easy, reliable **Smart Wireless Field Starter Kit**, you can be up and running in no time, no risk, with ease.

Emerson's Smart Wireless solutions help you touch more of your plant with predictive intelligence than ever before. You can eliminate "blind spots" in your plant where it was previously too difficult or expensive to install wired instruments.

Self-organizing to provide near perfect reliability, Emerson Smart Wireless offers unparalleled ease of use. Installing and commissioning its open *WirelessHART* standard-based wireless technologies can be a snap... going from box to fully commissioned in minutes.

The Smart Wireless approach gives you the freedom to choose your path. You can have as much or as little wireless as you want, where you want. With little to no up-front engineering and design required, scalable architecture and easy deployment.

Infinitely configurable, and successfully implemented with hundreds of manufacturers, Emerson's Smart Wireless approach and Smart Wireless Field Starter Kit have proven in a variety of applications to be the most robust, reliable, and easy-to-use wireless technology platform available.

And you can order yours today...

The Smart Wireless Field Starter Kit is the risk free and easy way to experience the benefits of wireless that so many users are enjoying today.

Where would you start?

Users from various industries have shared some of their favorite applications and reasons to install Emerson's Smart Wireless technologies:

Asset Protection

- Monitor bearing and lube temperature, filter differential pressure
- Trend asset performance
- Reduce "surprise shutdowns"
- Perform proactive maintenance as needed
- Monitor the vibration for critical rotating equipment
- Ensure critical pH measurements are not lost, by tracking the device health wirelessly

Process Monitoring

- Find cold spots in steam lines
- Eliminate clipboard rounds
- Prevent spills by using alerts
- Gain valuable insight into process

Health, Safety, and Environment

- Monitor safety showers
- Accurately measure emissions
- Pressure relief and safety valves
- Environmental compliance

Smart Wireless Field Starter Kit

Easy. Robust. Flexible.

Getting started with wireless technology has never been easier. Emerson has developed a complete wireless automation kit you can order today. The Smart Wireless Field Starter Kit starts with:

Field Instruments

You can choose any combination of wireless pressure, temperature, DP level, DP flow, vibration, discrete switches, or pH.



Gateway

A secure, robust Smart Wireless Gateway.

Configuration and Asset Health

AMS Device Manager predictive maintenance software delivers powerful diagnostics from your wireless devices. Easily manage your wired and wireless networks from a single application.

Services

Smart Start™ Services help you with your first startup, including full network health assessment to ensure robust communications plus verification of device functionality through your chosen output (Modbus, OPC, Ethernet, etc.).

Emerson's technician will not leave the site until the wireless network is successfully communicating with your control system – connectivity of your network guaranteed!



WirelessHART™ encompasses evolutionary enhancements that build on the solid foundation of HART technology used in more than 24 million installed devices worldwide.

WirelessHART™

Get Started Today

Getting started with Smart Wireless is easy!

Ordering

Simply go online to:

EmersonSmartWireless.com/FieldKit

You can specify how many and what combination of devices comprise your Smart Wireless Field Starter Kit. Choose from: pressure, temperature, DP level, DP flow, vibration, discrete switches, or pH devices.

Installation

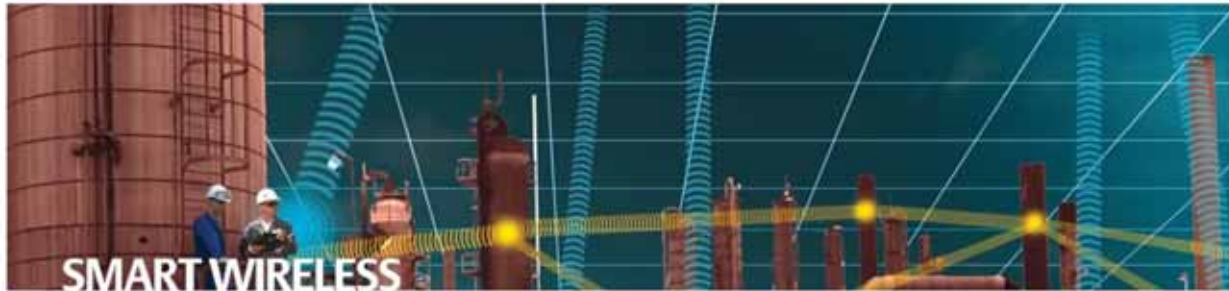
The Emerson Wireless Smart Wireless Field Starter Kit will automatically create a secure, robust Smart Wireless network right out of the box.

Emerson makes it easy with:

- No site surveys
- No special tools
- Familiar instrument practices
- Seamless integration with wired network
- Automatic scalability
- Installation services

Emerson's Smart Wireless Field Starter Kit is a risk-free, easy way to experience the benefits of wireless so many customers are realizing. Order yours today!

EmersonSmartWireless.com/FieldKit



Emerson Smart Wireless

Emerson's Smart Wireless extend PlantWeb predictive intelligence into areas that were previously out of physical or economic reach, opening the door for new possibilities in process improvement. Remote locations, physical obstructions, and the high cost of engineering and integrating new technologies are no longer the barriers they were.

Customer Successes

- BP Wytch Farm
- Boise
- Coogee Chemicals
- Wheeling-Pittsburgh Steel
- Technochem
- Usiminas
- Milford Power
- StatOilHydro
- Hunt Refining
- [see more...](#)
- Monitoring Applications**
- Spray Water
- Remote Pumps
- Moving Rail Cars
- Wellhead/Heat Exchangers
- Temperature Profiling/Tank Level
- Gross Production Headers
- Combustion Engine Emissions
- Pump Vibration
- Rotating Lime Kiln
- [see more...](#)

Start Anywhere

- Asset Protection
- Process Monitoring
- Safety, Health & Environmental
- People & Productivity
- Plant Management

Wireless Considerations

- Network Overview
- Standards
- Security
- Power Management
- Reliability
- Scalability

Services

While our wireless architecture and applications are designed for ease of engineering, installation and use, we also offer a broad range of services to help you quickly get the most of wireless technology.

[Learn More >](#)

Products

- Measurement & Analytical Systems & Software
- Vibration Monitoring
- Discrete & Position Monitoring
- Gateways & Adapters
- SmartPack Starter Kit

Getting Started

- PlantWeb University Courses
- SmartPack Wireless Starter Kit
- Benefits Calculator
- Best Practices Guide

Articles & Resources

- White Papers
- Press Releases
- Articles
- Videos

"The Smart Wireless solution provides a means of obtaining accurate pressure and temperature measurements from the moving vessel without having to connect wires to the measurement devices. Wireless delivers reliability where it wasn't available before."

*Neel Shrubasli
Electrical Project Officer
Coogee Chemicals*

Emerson Wireless SmartPack™ Starter Kit

The easy way to learn how wireless can work for you. [order yours today >>](#)

Emerson Online Video Center - Wireless Videos

Concise 3-5 min. videos provide a quick and easy way to get informed. [learn more >>](#)

Stay in touch with the latest Emerson Smart Wireless developments

www.EmersonProcess.com/SmartWireless

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