



## EXECUTIVE SUMMARY

### Partner Affiliation

- Cisco Industry Solution Developer

### Associated Cisco Solution

- Ethernet to the Factory
- Unified Communications—mobility, collaboration, and security

### Customer Benefits

- Seamless and extended data flow (process field to enterprise applications) for increased operational visibility, faster decision processes, and improved coordination
- New and increased data monitoring for process control and asset optimization, improving reliability and efficiency of operations
- Mobile (wireless) and remote access to plant, process, and control information for more efficient use of limited resources and improved response time/decision making
- Economies of scale from a flexible, standards-based wireless architecture, with reduced training, time savings, and low total cost of ownership
- Increased multiplant operational collaboration, consistency, and resource leveraging through common use of technology

### Targeted Industries

- Chemical
- Life Sciences
- Mining and Metals
- Oil and Gas
- Power
- Pulp and Paper
- Refining
- Water and Wastewater

### Geographical Regions Served

- Global

## Emerson Process Management Smart Wireless Solutions

### Partner Overview

**Emerson Process Management, an Emerson (NYSE: EMR) business, helps enterprises to automate production, processing, and distribution in the chemical, oil and gas, refining, pulp and paper, power, water and wastewater, food and beverage, pharmaceutical, and other industries. The company combines industry leadership, superior products, and technology with industry-specific engineering, consulting, project management, and maintenance services. Its brands include PlantWeb®, DeltaV™, Rosemount®, AMS™ Suite, Micro Motion®, Fisher®, Mobrey®, Bristol®, Daniel®, and Ovation®.**

### Partner Solution Description

Global process manufacturers who are looking for highly secure, reliable, easy-to-use, open, standards-based wireless solutions for process automation, workforce productivity, and plant management applications will find that the integrated Smart Wireless solutions from Emerson and Cisco® provide:

- A complete, integrated, open-standard network architecture that unites wireless process plant operations with plant enterprise networks
- Industry-compliant, compatibility-tested wireless technologies for use in process plant environments and applications
- A flexible, scalable wireless network architecture that allows process manufacturers to start with any application scope throughout the plant enterprise with the assurance of seamless integration and expansion

- A future-proof communications network based on open standards that will enable process manufacturers to deploy new technologies and capabilities quickly and efficiently
- Cohesive, centralized, network-management systems to deploy and easily maintain security, reliability, and quality of service for all plant networks, including wireless
- Joint expertise and collaborative global services to plan, design, install, and support wireless solutions for process manufacturers

These features demonstrate the world-class expertise and technologies combined from two global market leaders for seamless, highly secure, reliable, wireless connectivity across process manufacturers' enterprises. The Emerson and Cisco solution helps unlock the true potential of plant operations.

### Core Components of the Partner Solution

Emerson Process Management provides a comprehensive suite of leading process automation products and services based on

its PlantWeb digital plant architecture. Smart Wireless solutions extend the reach and benefits of PlantWeb. Offerings include:

- PlantWeb's network of predictive intelligence, which facilitates the detection of process and equipment problems before they occur and allows customers to move from reactive to proactive mode and profitable management.
- Smart Wireless digital field instruments, for process measurement, equipment condition monitoring, and plant safety, health, and environment.
- Mobile workforce productivity wireless products, such as DeltaV Remote Operate, PlantWeb Alerts, Plant Messenger for PDAs, AMS Suite: Intelligent Device Manager remote client, CSI 2130 Machinery Health Analyzer, and 375 Field Communicator.

### Related Cisco Products

- Routing and Switching: As part of Cisco Ethernet to the Factory
- Unified Communications

### For More Information

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