The Virtual Wireless Plant Tour
See what Smart Wireless can do for you.
Experience the Virtual Wireless Plant

With Emerson’s Smart Wireless solutions, the benefits of PlantWeb’s predictive intelligence can be extended to areas that were previously out of physical or economic reach. With application categories ranging from Process and Asset Monitoring to People & Productivity, Safety/Health & Environmental, and Plant Management, there are no limits to the benefits Smart Wireless can deliver.

Remote locations, physical obstructions, and the high cost of engineering, installing, and integrating the necessary technologies are no longer the barriers they were. Emerson’s Smart Wireless makes extending your “information reach” easy and affordable, enabling you to unleash your imagination and operation. To help you visualize what’s possible, we’ve highlighted over 20 wireless applications in our online Virtual Wireless Plant.

The Virtual Wireless Plant is a web-based application that shows how wireless technologies can solve operational challenges today. This interactive model of a plant features over 20 customer-inspired applications, organized into five application categories: Asset Protection, Process Monitoring, People & Productivity, Safety/Health & Environmental (SH&E), and Plant Management.

Simply click on an application category tab, then select a specific wireless hot-spot to “fly” to an illustration of that application.

See what wireless can do for you. Tour the Virtual Wireless Plant today.
Learn About Wireless Solutions for Real World Challenges

Manufacturers are constantly challenged to improve plant efficiency in the most cost-effective way possible, while continuing to maintain equipment reliability and safe operations for their people and the environment. The Virtual Wireless Plant makes it easy to see how wireless can improve operations.

In each application example, text and voice-over describe the specific challenges users face and how Smart Wireless solutions can meet them with easy to understand benefits. In addition, links to other helpful resources include case studies, videos, product information, and how to get started. Achieving operational excellence is easy and cost-effective with Emerson’s Smart Wireless solutions.

One of the many Smart Wireless applications available.

Asset Protection
Adding Smart Wireless monitoring points to key assets such as pumps help to prevent unplanned shutdowns and extend the life of essential – and expensive – equipment.

Featured Applications
- Plugged filters
- Pump vibration
- Temperature excursions
- Fan vibration
- Temperature inconsistency

Process Monitoring
Improving the overall efficiency of your plant can reduce costs and improve throughput. See how Smart Wireless makes it easy and cost-effective to deploy predictive intelligence throughout your plant.

Featured Applications
- Column profile
- Piping & condensers
- Column top
- Steam header
- Heat exchanger
- Tank gauging
- Custody transfer

People & Productivity
Smart Wireless solutions not only empower your people to work more efficiently, it also helps you run a safer plant. See wireless applications such as safety mustering and location/commodity tracking.

Featured Applications
- Safety mustering
- Mobile worker
- Location & commodity tracking
Safety/Health & Environmental (SH&E)

Early detection of hazardous conditions reduces risks to your personnel and your plant. With Emerson’s Smart Wireless solutions, you can easily and cost-effectively extend the reach of predictive intelligence for SH&E compliance.

**Featured Applications**
- Water intake/outlet
- Emissions
- Eyewash/safety shower
- Moving railcars
- Tank venting

Plant Management

From control network bridging and field data backhaul, to video process monitoring and plant surveillance, Smart Wireless puts valuable information within reach to give you better insights into what’s happening in your operation.

**Featured Applications**
- Field data backhaul
- Control network bridging
- Video monitoring

Resources

Each application contains links to more information online...

For more information on Smart Wireless solutions, go to