WirelessHART Health Checks



Ensure your WirelessHART network is ready to accept the latest wireless solutions

WirelessHART Health Checks will ensure safe reliable operations while maximizing data integrity and security. Futureproofing your investment, ensuring you can benefit from the latest wireless solutions.

EMERSON

WirelessHART has become an important part of your automation strategy

Since its introduction in 2008, WirelessHART has become an important part of many customers automation strategy. Fulfilling the promise of reduced CAPEX spending while delivering additional insights into our customers value streams. The success of WirelessHART, has in turn, stimulated a huge growth in Wireless capable devices and solutions. The latest being Machinery Health Monitoring with compact wireless vibration sensors. Simple to deploy, packed with value, delivering key vibration metrics and alarms.

Another key feature of WirelessHART Networks is their ability to grow organically and scale with demand to support these new valuable insights. It is for these reasons that we are now offering WirelessHART Health Checks. Ensuring that your existing network infrastructure is up to date and able to support your requirements now and in the future.

- **Ensure Data Integrity & Security**
- **Improve Network Loading & Robustness**
- **Deliver New Functionality & Performance**

The increasing portfolio of wireless solutions, along with their ever-increasing importance in achieving safe reliable operation, has created the need for this service. Solutions, such as ensuring plant integrity with our Corrosion / Erosion sensors and reliable operation of rotating machinery with our wireless vibration sensors, all require end to end wireless network security using the absolute best secure wireless gateways and access points. Our new WirelessHART Health Check Service delivers on this commitment, making sure you are ready to take the next step on your Digital Transformation Journey.



Location Awareness



Corrosion & Erosion



Vibration Monitoring

The Emerson Offering

Ensure your WirelessHART network is ready to accept the latest wireless solutions. Our WirelessHART Health Check will make certain that your Wireless Network is in optimum condition to grow as required to support your business needs.

Comprehensive Suite of Tests

Our Service Engineers will perform a complete assessment of your WirelessHART network using commercially available tools that are delivered as part of our PlantWeb Insight software suite, alongside dedicated Emerson service tools. The current and complete historical performance of the wireless network will be analyzed to determine any potential improvements.

Analysis of the Wireless Network

Key metrics such as gateway loading, signal strength, path quality, number of redundant paths along with packet statistics will all be combined to deliver a sophisticated and comprehensive analysis of the full Wireless Network.

Review Supporting Hardware and Firmware

A review of all the supporting infrastructure, gateways and access point hardware and firmware will also be conducted to ensure data integrity and security. Making recommendations when necessary to replace unsupported hardware or adding devices and repeats to ensure conformance to Best Industry Practice.



Wireless 1420 Gateway

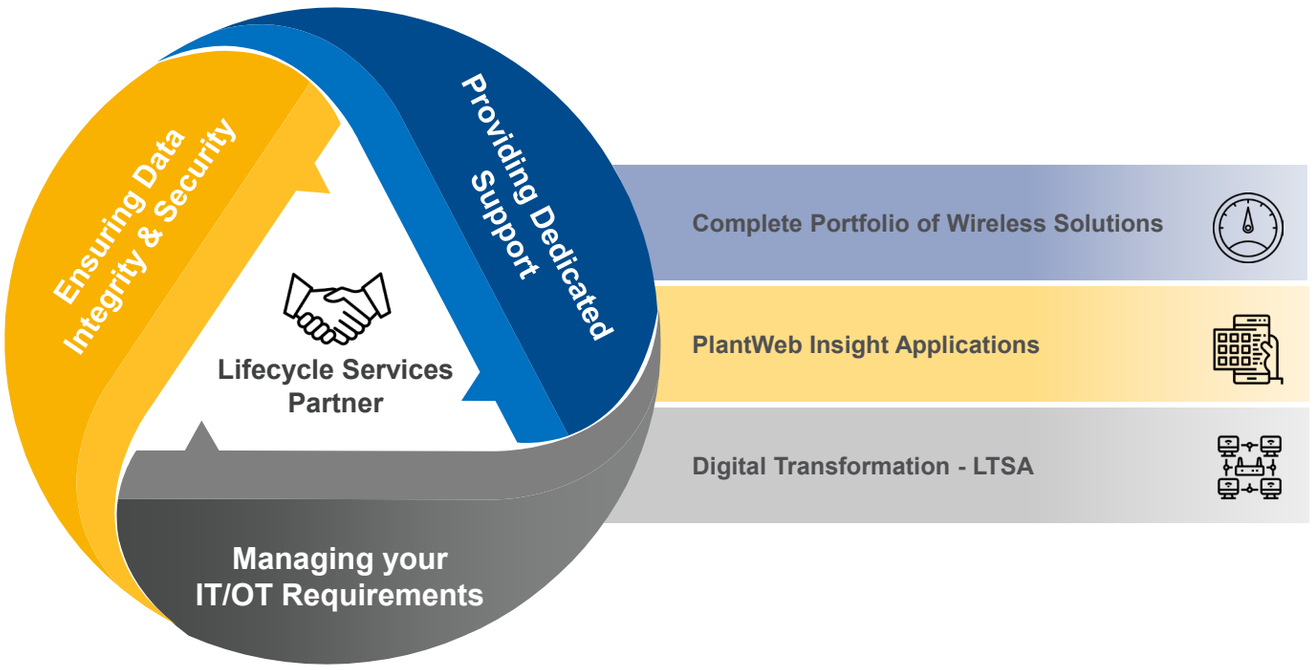


Wireless 1410S2 Gateway &
781S Smart Antenna



Emerson 1410S2 Gateway &
Cisco IW6300 Wireless Access Point

Safeguard your WirelessHART investment today



Book a Network Health Check

Our WirelessHART Health Check will ensure safe reliable operations while maximizing data integrity and data security. Futureproofing your investment, ensuring you can benefit from the latest wireless solutions today.

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