How Much Can a Secure, Wireless Flow Computer Benefit Your Operation?

Enhance Safety

- Enable your personnel to configure and download without entering the hazardous area
- Safely connect to the flow computer from up to 100 feet away or choose the extended option for a range up to 300 feet

Improve Productivity

- Expedite system access to view process values, edit configuration parameters and collect logs
- Stop wasting time looking for cables or dongles to connect a laptop to the flow computer

Maintain Data Integrity

- Thwart hacking attempts with built-in WPA2 security that protects transmissions
- Restrict system access by unauthorized employees to maintain a secure infrastructure

Control Cost

- Minimize spending on power and batteries
- Eliminate an additional enclosure purchase for the Wi-Fi module that is integrated into the flow computer

www.Emerson.com/FlowComputers

EMERSON™

Introducing FBxWifi™ for Secure, Wireless Connectivity

Protect Your People and Your Data

Achieving safety and security objectives can be challenging for a measurement operation that spans across a wide geographic area. That's why we designed our FB1000 and FB2000 Series Flow Computers with FBxWifi™, our wireless connectivity option. Now your field personnel can remain in the safe area to configure, monitor and collect data at a distance of up to 100 feet from the flow computer – with an optional extended range of up to 300 feet for the FB1000 Series models.

With FBxWifi, users can securely log into our FBxConnect configuration software to view process values, edit configuration parameters and collect logs, enabling staff to work smarter and more efficiently. The industry-leading combination of FBxWifi and FBxConnect™ also enables users to conduct calibrations, verifications and firmware updates from their vehicle to minimize safety concerns and streamline task management. Achieve new levels of productivity while protecting your data with our secure, wireless solution for FB1000 and FB2000 Series Flow Computers.

Secure, Open Protocol for Oil & Gas

With cybersecurity threats on the rise, oil and gas companies are implementing stronger data protection measures. Emerson based our FBxWifi feature on the DNP3 Protocol to provide a more secure environment for devices to communicate with one another. This off-the-shelf, open protocol offers WPA2 security that uses the latest encryption standards to ensure data integrity during wireless transmission.

Advantages of FBxWifi

- **Keep staff away from the hazardous area.** Configure, operate and collect data up to 100 feet from the flow computer or use the external antenna on the FB1000 Series models to extend the range up to 300 feet with 360° coverage (optional).

- **Eliminate wasted time.** Connect to the flow computer wirelessly without having to locate a dongle or cable.

- **Ensure data is safe and secure.** Keep hackers from accessing your system with WPA2 security that offers robust encryption standards.

- **Gain a communication port.** Connect a GC, radio or other device by eliminating the need for a dedicated serial port to physically connect a laptop to the flow computer.

- **Simplify installation.** With the Wi-Fi module integrated into the flow computer, there are no serial ports to wire and no additional cabinet to purchase and install.

- **Minimize operating costs.** Use the configurable sleep mode in FBxWifi for power optimization.

Get Safe, Rapid Access

Use FBxWifi communications to view process values, collect logs and more while avoiding the hazardous area.

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