Multi-Point Wireless I/O FAQ

Is the new system compatible with ProSoft's Wireless I/O point-to-point system?

They do not connect to each other. The point-to-point system is factory-paired.

Do they use the same I/O modules as the point-to-point system?

Yes, ProSoft offers Digital/Discrete, Analog 0-10 V, and Analog 4-20 mA modules for both Wireless I/O systems.

Will the Multi-Point system be in ProSoft Wireless Designer?

Not at this time.

What is the power level for the 900 MHz version?

1 watt.

Are there differences on how the I/O can be used in this system?

In the Multi-Point system, the digital input can be used as a counter.

How is the system configured?

Through the ProSoft Multi-Point Wireless I/O Builder software, which users can download for free.

What PC operating systems are required to run the Multi-Point Wireless I/O Builder software?

Windows Vista or later. Windows XP is not supported.

How many Radios can be used in the Multi-Point system?

The system supports up to 1,000 radios. It's important to keep in mind your application's speed requirements when determining how many radios you can use.

What is the update rate for the system?

The fastest update rate the system supports is 1 second.

Which antenna(s) should I use with the system?

That depends on your application. For more information about choosing the best antennas and considerations to keep in mind for installation, watch our video "A Guide to Wi-Fi and Frequency Hopping Antenna Selection" at http://psft.com/BIV. We also have Wireless Application Engineers who can help you determine which antenna is best for your project and your optimal installation.

What's the maximum range for the system?

The range for the 900 MHz system is up to 30 miles (48.3 km) radio to radio. The range for the 2.4 GHz system is up to 5 miles (8 km) radio to radio. Radios can forward the data to other radios, extending this range.

Can the I/O be mapped to a Modbus® device?

Yes, the system can connect and communicate directly with a wired Modbus serial device.

Can the Multi-Point system be expanded once installed?

Yes, you can add I/O to existing radios, as well as add radios to the system.

How secure is the system?

The 900 MHz radio uses 256-bit AES encryption (USA) and 128-bit AES for the other frequencies (countries).

What type of antenna connector does it have?

It has an SMA connector. Adapters for N-type Antenna connections are available.

Is this a master/slave system?

No, it is peer to peer.