TRAINE IPH

Internet Host Smart Mesh Radio

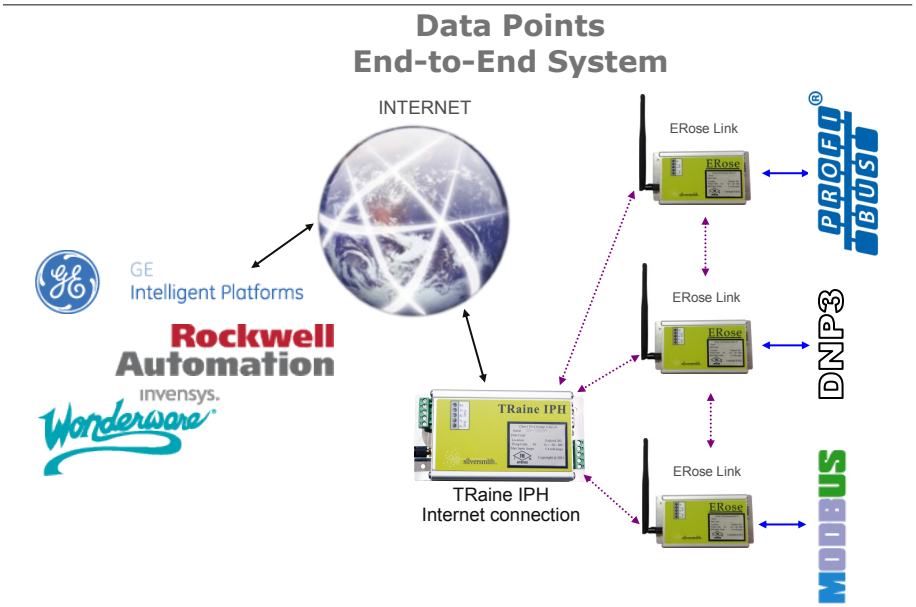
Smart Mesh Communication

The TRaineIPH is an internet back haul device used to connect the SilverSmith ERose Link radio to the internet. Designed to operate in the toughest environmental conditions, this device relays data packets received to and from a data collection server to a field device using our smart radio mesh network. Many protocols are supported including Modbus, DNP3, and Profibus, to name a few.

The TRaineIPH device uses the SilverSmith direct path routing protocol to move packet data by hopping from one device to another around hills and other obstacles to the back haul (i.e. Internet). Data is delivered reliably with the least power consumed and the fewest retries in the industry.

The unit has built in LED indicators and advanced configuring software allowing a user to install and connect to ERose Link communicators in minutes.

* Patented with additional patents pending



Electrical
◊ Input power 6-30 VDC.
◊ 13 mA continuous current draw @12 VDC.
◊ Class 1, Div 2 rated.

Communication
◊ 2 RS232 Ports.
◊ 2 RS485 Ports.
◊ Built in 900MHz Spread Spectrum Radio.

Physical
◊ Operation Temp: –20°C (-4°F) to 60°C (140°F).
◊ Size: 6” x 3” x 1”.
◊ Weight: approximately 2 lbs.
◊ Enclosure: Aluminum.
(optional) NEMA 4x enclosure.

Other Features
◊ Programmable real time clock (auto on/off).
◊ Connect to multiple devices at once.
◊ IP Compatible (with serial to IP convertor).
◊ External antenna mounting (RSMA connector).
◊ Programmable radio hopping channels.
◊ Scalable 10mw to 1W radio.

BENEFITS

◊ Easy installation and setup.
◊ Reliable for mission critical data.
◊ Fewest data collisions and retries in the industry.
◊ Supports many communication protocols.
◊ Low power consumption.
◊ FM listed Class 1, Div 2.

With a background specializing in critical oil field communications, Silversmith is a proven expert with our patented communication structure.

We are committed to staying on the cutting edge of reliable remote communication and data gathering needs.

For more information, scan the QR Code:

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