Solution Brief

ProSoft TECHNOLOGY

Connect Your Oilfield's Equipment

Protocol Connectivity

With on-site equipment as varied from your PAC and generator to smart transmitters and chromatographs, chances are high that your application has a variety of industrial protocols that need to be connected.

The size and complexity of Oil and Gas systems - whether saltwater disposal, LACT skids, collection, drilling, refining, or transportation – make it impossible for users to use one technology or platform. Each system has information that needs to be sent to your PAC or SCADA system, making real-time protocol conversion and data transfer a must.

ProSoft's in-chassis and gateway protocol converters provide a variety of options for your wellpad application's equipment. Supported protocols include EtherNet/IP™, Modbus®, DNP3, HART, ASCII, Siemens® Industrial Ethernet, IEC 61850, and IEC 60870. In-chassis modules for **ControlLogix®** and **CompactLogix™** bring your LACT application's data directly into your PAC, eliminating the need for standalone flow computers or measurement RTUs.

Connectivity Toolkit

Industrial Radios

ProSoft Wireless Designer

Modbus Gateways

HART Gateways

DNP3 Gateways

Wireless Connectivity

Running cables across an Oil and Gas operation is fun for no one. Then there's adding more whenever new equipment is added and the extra maintenance.

Wireless radios provide real-time data from across your wellpad application, linking distributed I/O to ensure a reliably connected operation. This network of 802.11 radios can provide the robust communications that wellpad applications require. Add a master radio in the control house or another central location, and connected access points throughout your site to link each component. Concerned about dust or high temperatures? Weatherproof radios are available.

Using wireless radios will also be beneficial as your application expands. They're a scalable option with quick setup – and no need to dig trenches or run cables.

Pro tip: Designing an industrial wireless network can be quite the endeavor. Contact a trusted expert for help!

Support and expertise for your projects

ProSoft provides a variety of resources and services for wireless applications from initial system design to site surveys to launch support and configuration support.

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