



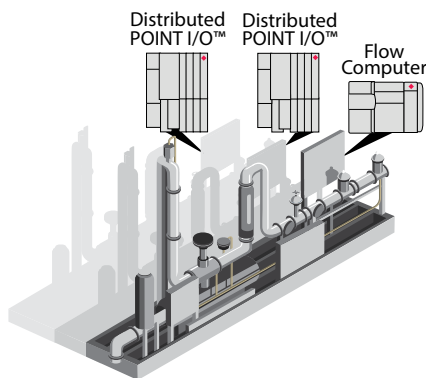
Solution Brief

ProSoft Technology

Reliable Solutions for Oil and Gas Applications

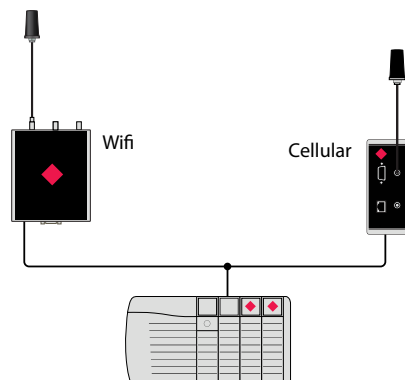
In traditional designs of oil and gas applications, you'll see plenty of equipment, capturing data and sending it to control systems, typically via underground wires. This does the basic job: You've connected your equipment, product is measured, and information is making its way to your controller.

But sometimes the data takes time to reach its endpoint so you can analyze it. The multiple standalone flow computers and RTUs are piling up, and your site has only a limited amount of space. You find you need to measure both gases and liquids, and have to take on the cost of an extra license. Then comes the day when you're trenching to place more wire and cut the existing cable. One benefit of the rising Industrial Internet of Things awareness is an increased number of solutions designed to help you connect your equipment, and analyze and benefit from your data. ProSoft has been an IIOT company for more than 25 years, helping you find ways to connect incompatible equipment and bring data directly into your control system. Read on to find out how you can boost your midstream or upstream oil and gas application's efficiency, reduce your capital spend, and avoid the extra costs from cutting all that hidden cable.



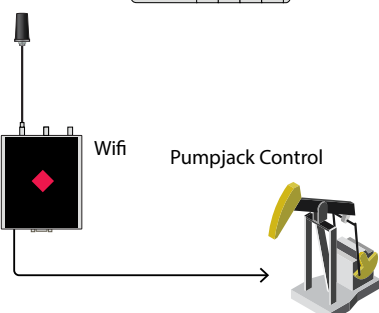
LACT Systems

In Lease Automatic Custody Transfer (LACT) systems, **accurate delivery of your product to customers** is crucial. The **enhanced CompactLogix™ flow computer** is a scalable, cost-effective solution to track product being delivered to your customer's pipeline, tanker trucks, and tank cars. For larger applications, you'll reduce wiring costs and avoid the hassle of cables by using distributed POINT I/O™.



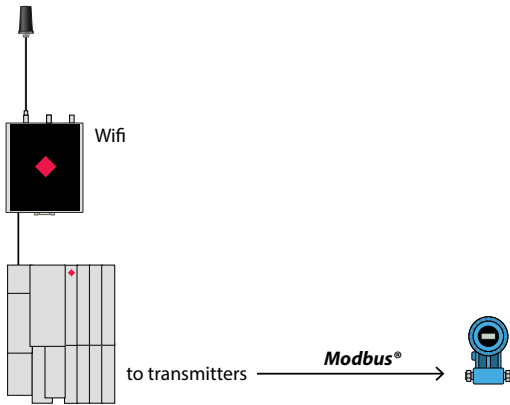
Control House

With an integrated design, you'll **decrease the size of your control house and the costs associated with integrating RTUs and standalone flow computers** with your PLC. The scalable design of Rockwell Automation® controllers and ProSoft's **in-chassis flow computers** allows you to optimize your setup, ensuring a cost-effective design for your application. (The flow computers also allow for **both gas and liquid measurements**, and do not require the purchase of a separate license for each type.) Using Rockwell Automation distributed I/O saves space in the control house and reduces wiring. With reliable wireless solutions, you'll remotely monitor operations (**cellular**), as well as support distributed I/O applications (**WiFi**).



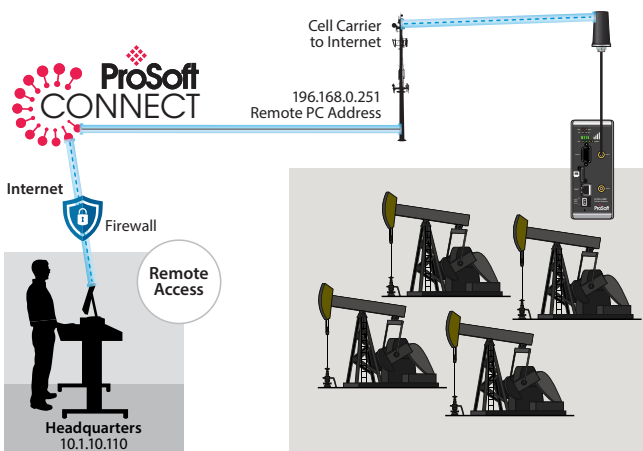
Pump Jacks

Ever accidentally cut buried wires? Not so fun. Avoid the risk and gain reliable, clear communications with your pump jacks via **wireless radios**. You'll **access real-time information and cut down on the wiring and trenching** that this connection would traditionally require – and avoid costly incidents with hidden wires in the future.



Wellheads and Separator Monitoring

Need to monitor your wellheads and separators – but they're all over your site? By deploying distributed POINT I/O and **Modbus® modules**, you'll **reduce long wire runs from far-flung equipment to the control house**. If your system doesn't need Analog I/O, ProSoft's EtherNet/IP™ to Modbus gateway is also a cost-effective avenue for getting Modbus data to your controller. With **reliable wireless solutions**, you'll eliminate extra network wiring.



Remote Access

Need to monitor an oilfield but not looking forward to traveling there on a regular basis? With ProSoft Connect, you can **securely monitor and troubleshoot your remote equipment from anywhere in the world, reducing your support travel budget** and optimizing your resources. Virtual Lockout-Tagout™ keeps your people and equipment safe.

Summary

With a streamlined site thanks to integrated flow computers and reliable wireless solutions, you can increase available space and decrease your capital spend, while ensuring your operation remains scalable.

Enabling secure remote access to your equipment can save you and your team time and reduce your support travel expenses. Connecting your oil and gas application's equipment can also bring actionable data to the forefront, helping you gain value from the IIOT.

Contact us to learn more!

Case studies

Coordinating oil transfers – via Ethernet radios

In Brazil, three vessels are handling offshore transfers of crude oil from one to another, requiring precise coordination. With ProSoft's Frequency Hopping Ethernet radios, the company has deployed a telemetry system that ensures reliable communications in a scalable setup. **Read more**

Keeping O&G electrical systems cool with cellular gateways

An oil and gas company was trying to ensure the cooling of packaged electrical equipment at a Kazakhstan location. Via the SMS feature in ProSoft's Industrial Cellular Gateway, the company was able to be notified about the equipment's status, and then remotely connect to the PLC and troubleshoot any issues. **Read more**

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▶ Tech Support

ProSoft Technology's technical support is unparalleled in the industrial automation industry. To continue our world-class technical support, we have opened offices in most time zones in an effort to support our customers at a local level. See Regional Tech Support contact information above.



www.prosoft-technology.com

