

# **Oil & Gas Solutions**

An integrated approach to your oil and gas operation brings many benefits: Streamlined setup. Greater access to data. Less cable. More space. Chief among them is the ability to fully connect your oil and gas application.

Connecting each component of your multi-well pad site helps you optimize production, and integrated, scalable solutions can reduce your capital spend. From flow computers that fit right into your Rockwell Automation<sup>®</sup> controller, Modbus<sup>®</sup> modules for disparate transmitters, and SCADA systems to secure remote access, you'll optimize your resources with ProSoft Technology's suite of Oil and Gas solutions.





### Advantages of a PLC/PAC-based Flow Computer in a Multi-Well Pad Site

Traditional designs use multiple RTUs, standalone flow computers, and a controller. It's not the most cost-effective option, given the programming and maintaining of multiple components that also have to be integrated with the controller. Decrease your capital spend by opting for ProSoft Technology's in-chassis flow computer, which fits right into your Rockwell Automation PAC and lets you sidestep the need for multiple standalone flow computers and RTUs.

- $\cdot\,$  Up to 16 meter runs with four streams per run simultaneously.
- Tested by CEESI to meet AGA standards.

#### Advantages of an In-Chassis Flow Computer in Other Applications

In Lease Automatic Custody Transfer (LACT) systems, accurate delivery of your product to customers is crucial. The inchassis flow computer for CompactLogix systems is a scalable, cost-effective option you can use to track product being delivered to your customer's pipeline, tanker trucks, and tank cars. The In-chassis flow computers can also be used in CO2 injection sites, compressor stations, gas processing facilities, and brine water separators, and for leak detection in pipelines. Separate licenses aren't required for gas and liquid applications, eliminating a standard cost associated with alternative solutions.

- · Data Archiving / Meter Run
- Gas and Liquid ApplicationConnecting Your Site's Disparate Equipment

#### **Connecting Your Site's Disparate Equipment**

Your site likely includes more than one protocol. Connect your transmitters, chromatographs, and external flow computers via Modbus solutions for ControlLogix®/XT, CompactLogix, SLC™, and Rockwell Automation's POINT I/O™ platform. A variety of protocols are covered in ProSoft's extensive solutions suite, including HART® gateways that let you configure, diagnose, and calibrate field instruments remotely, and give you access to advanced diagnostic and other information from field instruments.

Other protocols include:

- Modbus® 
  PROFIBUS 
  IEC 61850 
  DNP3 
  DF1
- PROFINET · EtherNet/IP · IEC 60870-5-104 · Many More

#### Logging Your Control Devices' Data

The Data Logger Plus is ideal for remote sites with limited communications that need to log data.

- A solid-state non-volatile memory has the capacity to store over 16 million records.
- Features support for JSON interface, enabling easy exporting of logged data to business CRM systems
- · Features an integrated webserver to trend variables and upload logged data
- · XLReporter connection available

#### Wireless and Remote Connectivity Solutions

With reliable wireless and remote connectivity solutions, you can monitor your equipment wherever you are, whether at a local office or halfway across the world.

- Eliminate network wiring for Distributed I/O across the pad to your control house by deploying 802.11abgn wireless radios. Eliminating wiring and trenching for these connections results in significant savings and eliminates the costly risk of cutting cables when expanding your operation.
- Manage your site from afar with industrial cellular gateways that you can access via Belden Horizon™, a cloud-native platform that lets you securely monitor and troubleshoot your equipment from anywhere in the world.

## Asia Pacific

**Regional Office** 

Phone: +603.2242.2020 asiapc@prosoft-technology.com *Languages: Bahasa, Chinese, English, Japanese, Korean* 

**Regional Tech Support** support.ap@prosoft-technology.com

North Asia (China, Hong Kong) Phone: +86.21.5187.7337 china@prosoft-technology.com Languages: Chinese, English

Southwest Asia (India, Pakistan, Sri Lanka, Bangladesh, Mongolia) Phone: +91.99.1008.6221 india@prosoft-technology.com Languages: English, Hindi

Australasia (Australia, N. Zealand) Phone: +61.491.095.248 pacific@prosoft-technology.com Language: English

Southeast Asia (Singapore, Indonesia, Philippines, Thailand, Vietnam, Malaysia, Myanmar, Cambodia, Laos, Vietnam) Phone: +60.12.275.3307 seasia@prosoft-technology.com Languages: English, Bahasa, Malay

#### Northeast & Southeast Asia (Japan, Taiwan)

Phone: +60.12.275.3307 neasia@prosoft-technology.com *Languages: English, Chinese, Japanese* 

#### Korea

Phone: +82.10.7187.2064 korea@prosoft-technology.com *Languages: English, Korean* 



#### 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. **Tech Support:** support@prosoft-technology.com



## Europe/M. East/Africa Latin America

Regional Office Phone: +33.(0)5.34.36.87.20 europe@prosoft-technology.com Languages: French, English

Regional Tech Support support.emea@prosoft-technology.com

Middle East, Turkey, Sub-Saharan Africa Phone: +971.4.214.6911 mea@prosoft-technology.com Languages: Hindi, English

North Western Europe (UK, IE, IS, DK, NO, SE) Phone: +44.(0)7415.864.902 nweurope@prosoft-technology.com Language: English

Austria, Germany, Switzerland Phone: +32.474.36.84.51 germany@prosoft-technology.com Languages: French, English, Dutch

France, Benelux, Portugal, Algeria, Morroco, Tunisia

Phone: +32.474.36.84.51 france@prosoft-technology.com Languages: French, English, Dutch

## Italy, Greece, Israel, Eastern Europe

Phone: +39.342.8651.595 italy@prosoft-technology.com *Languages: Italian, English*  Regional Office Phone: +52.222.264.1814 latinam@prosoft-technology.com Languages: Spanish, English

Regional Tech Support support.la@prosoft-technology.com

Argentina, Bolivia, Brazil,

Paraguay, Uruguay Phone: +55.11.5084.5178 brasil@prosoft-technology.com Languages: Portuguese, English

Mexico, Andean, Caribbean, & Central America (VE, CO, PE, EC)

Phone: +507-6427-48-38 mexico@prosoft-technology.com Languages: Spanish, English

## North America

#### **Regional Office**

Phone: +1.661.716.5100 info@prosoft-technology.com *Languages: English, Spanish* 

Regional Tech Support

support@prosoft-technology.com



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