

# Telemetry Solutions for Oil & Gas

A complete integrated sensor to enterprise solution that will go beyond addressing the most challenging remote monitoring and control application and help you quickly and safely deploy, operate and optimise your energy production.

## > ProductionPlus

Well Production  
Optimisation

## > Realflo

Electronic Flow  
Measurement

## > ClearSCADA

Software

## > Trio

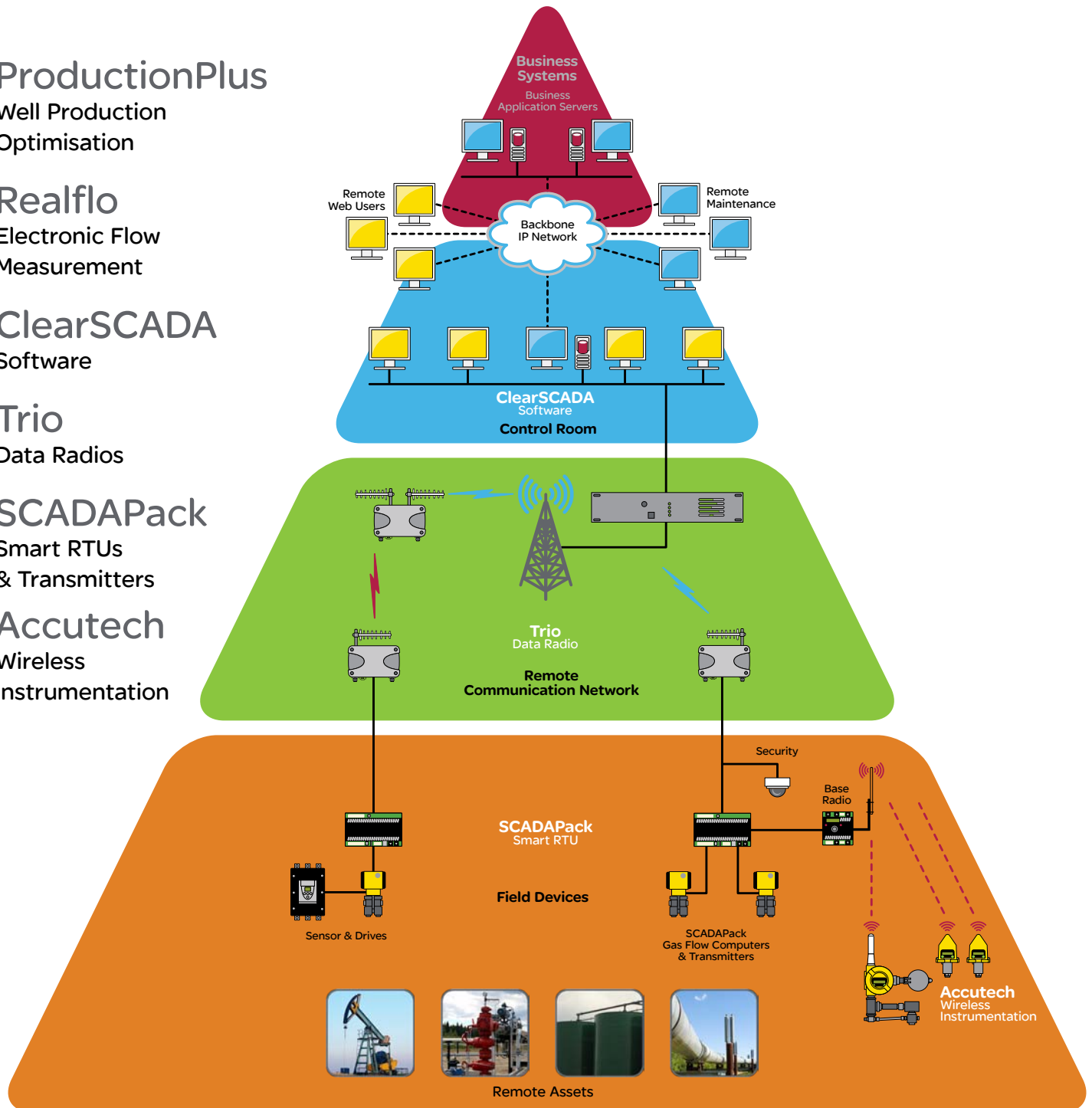
Data Radios

## > SCADAPack

Smart RTUs  
& Transmitters

## > Accutech

Wireless  
Instrumentation



[www.controlmicrosystems.com](http://www.controlmicrosystems.com)

Telemetry & Remote SCADA Solutions

**Schneider**  
Electric



## ClearSCADA

### Software

Providing functions to reliably and securely manage remote SCADA assets across a wide range of communication options, with easy integration into business systems.

### Features:

- Rapid SCADA system development with open and scalable architecture
- Guaranteed continuous operation with integrated alarm and diagnostics functions
- System-wide protection of operations with built-in multi-level security features



## Trio

### Data Radios

Ensuring data integrity over short and long-haul distances with versatile and reliable data transmission options.

### Features:

- Ethernet and serial interfaces
- Licensed and license-free frequency band models
- KwikStream high-speed repeater mode
- LinkXtend network-bridging technology
- ChannelShare integrated collision avoidance



## SCADAPack

### Smart RTUs

The monitoring and communication capabilities of a Remote Terminal Unit (RTU) combined with the processing and data-logging power of a Programmable Logic Controller (PLC).

### Features:

- Wide range of connectivity options: Ethernet, serial, dial-up, radio
- Flexible connectivity and programming options
- Enhanced control and data logging capabilities
- Secure and reliable connections from field to control room
- Class I, Division 2 hazardous area rating



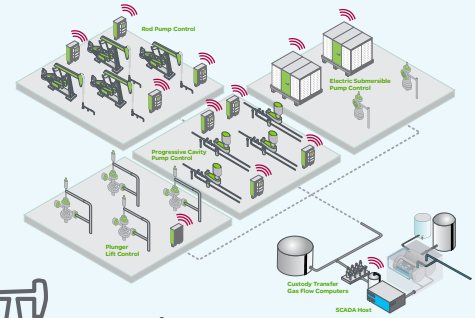
## Accutech

### Wireless Instrumentation

A wide range of fully integrated, battery-powered instruments, certified for hazardous locations and capable of operating in the harshest environments.

### Features:

- Sensor types: temperature, pressure, flow, level and more
- Secure and reliable frequency-hopping, spread-spectrum radio
- Highly scalable: 100 sensors per base radio and 256 base radios per network
- Up to 10 years between battery changes



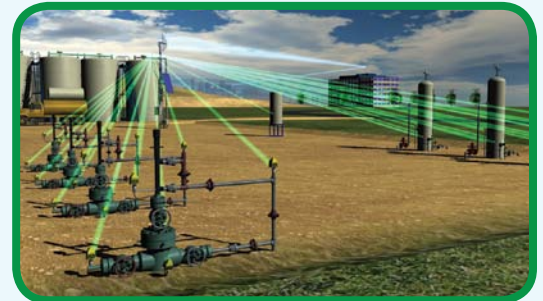
### Extraction

- Well head automation
- Production optimisation
- Liquid/gas flow measurement
- Tank Battery management
- Compressor stations
- Environmental compliance & reporting



### Transport & Storage

- Custody transfer stations
- Corrosion & leakage monitoring
- Tank farms and distribution systems
- Pipeline monitoring compressor station control
- Safety pressure monitoring
- Environmental compliance & reporting



### ProductionPlus

Complete end-to-end solution for gas well production automation, including:

- Industry-first Accutech VC10 Wireless Valve Controller field unit
- Accutech wireless level sensors and turbine meters for liquids production monitoring
- SCADAPack electronic flow meters and RTUs for custody transfer gas flow measurement
- ProductionPlus to manage the entire operation