

# Wellhead monitoring via SCADA / RTU

Wellhead monitoring can be efficiently implemented via a SCADA system and RTU solution with TeleControl Professional and DNP3/IEC 60870-5 based remote communication. Thus, production capacities over the entire upstream field can be considerably improved.

## Advantages

- TeleControl Professional using SINAUT ST7, DNP3 and IEC 60870-5 protocols to communicate with field stations
- Maximum flexibility via scalable RTU system and easy addition of field instrumentation, for example, pressure and flow sensors
- Secure and reliable process data transmission
- Remote access to distant facilities and locations for control and monitoring from a central location and reduced need to dispatch technical experts on site, thereby permitting OPEX savings
- Reduction of potential hazards to field personnel through remote access

## Products used for this application

- **Industrial remote communication – Telecontrol**  
Our Telecontrol systems are based on SIMATIC and provide the corresponding hardware and software to supplement this system.
- **Process Control System – PCS7**  
Flexible, scalable, powerful: The innovative distributed control system SIMATIC PCS 7 enables you to quickly respond to constantly changing market requirements.
- **Process instrumentation**  
Our comprehensive process instrumentation portfolio offers best-in-class transmitters for the widest range of applications.
- **Automation – PLCs**  
The SIMATIC range of controllers comprises basic, advanced, distributed and software controllers offering impressive scalability and integration of their functions.

