

PetroCloud

OILFIELD AUTOMATION MADE SIMPLE SMART SECURITY AND AUTOMATION SOLUTIONS

Protect, control and monitor your oil & gas assets with PetroCloud, the leading cloud-based security and automation solutions provider for the petroleum industry.



INDUSTRIAL-GRADE SOLUTION

Waterproof, weatherproof and tamper-resistant, our industrial-grade remote surveillance solutions are designed to operate in extreme temperature ranges and weather conditions.



DESIGNED FOR OFF-GRID LOCATIONS

PetroCloud Solutions require limited bandwidth and low power consumption, making them ideal for remote areas with no existing internet access or grid power and poor cellular coverage. With our proprietary cellular technology and custom solar solutions, we bring the “grid” to you!



CONTROLLED, TRACKABLE ACCESS

Control access to specific components of your system, such as sensors or gates, and set up unique access profiles for different users and groups. Know who accessed your property, when, and where, with real-time reports, a full user database, and searchable access history.



24/7 MONITORING AVAILABLE

Get personal service with every installation. Our Network Operations Center (NOC) monitors access 24/7, providing a security solution you can trust.



MULTIPLE LOCATIONS, UNLIMITED USERS

Need solutions in more than one location? No problem – and with unlimited users, from a single site to thousands of locations across the country, you can provide on-site visibility to your entire team for no additional cost.



REMOTE SURVEILLANCE

Monitor and control your sites any time, from anywhere, using only a computer, tablet or mobile device. Video footage and access data is available in real-time.



WORKS WITH EXISTING EQUIPMENT

You don't have to purchase all-new equipment to leverage our platform. We fully integrate with existing SCADA systems and PLC systems, so you can control and communicate with all field devices using one cloud automation platform.

KEY BENEFITS

- ▶ Actively monitor processes and operations
- ▶ Automate preventive actions and alerts
- ▶ Reduce risk of theft, downtime and outages
- ▶ Improve safety and security
- ▶ No internet connection needed
- ▶ No on-site power source needed
- ▶ Live streaming HD video and motion detection
- ▶ Night vision
- ▶ Remote access
- ▶ User database & access history
- ▶ Multi-site integration
- ▶ Single dashboard
- ▶ 24/7 monitoring
- ▶ Rapid deployment
- ▶ No software to download or update

Protect your assets and automate operations with PetroCloud.

Visit petrocloud.com or call (800) 381-9004 to learn more.



PetroCloud

ONE PLATFORM. ALL DEVICES.

All of our products and services integrate seamlessly into our web-based platform, giving you real-time visibility and control over every aspect of your operations— including sensors, gates, camera systems, and remote monitoring equipment. Our powerful dashboard makes it easy to monitor, secure and protect your operations from any computer or mobile device, with no equipment to buy, no software to install and no IT infrastructure to maintain. All data is stored securely in the cloud and the system provides full monitoring, recording and reporting capabilities, with unlimited cloud storage.



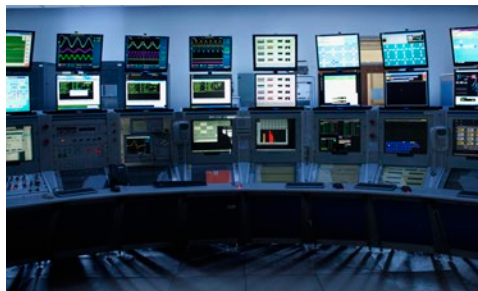
PETROCLOUD SOLUTIONS



SECURITY

Real-time monitoring, surveillance and asset control and optimization.

- Remote Gate Access
- Perimeter Security
- Tank Level Monitoring
- Infrastructure Control
- Fixed Asset Security Cameras
- Skid-Based and Trailer-Mounted Security Systems
- Mobile and Rapid-Deployment Solutions
- Thermal Imaging
- GPS Location Tracking
- SOS Devices
- Infrared Tripwires
- Lighting Sensors
- RFID Tagging



AUTOMATION

Integrate control and access of key sensors, gauges, pumps and other field devices into the PetroCloud automation platform.

- Compressors
- Flow Computers
- Digital Controllers
- Analog Systems
- Pumpjacks
- Pump-Off Controllers
- Plunger Lift Systems
- Jet Pump Systems
- Production & Storage Tanks
- Magnetostrictive Float Sensors
- Ultrasonic Level Sensors
- Guided-Wave Radar Sensors
- Chemical Tank Level Gauges
- Micro-Turbines
- Generators
- Flowmeters
- Valve Controllers
- LACT Meters
- Temperature & Pressure Sensors
- Power Monitoring
- PLC Sensors
- Hydrostatic Sensors
- Methane Gas Sensors
- Noise-Monitoring Sensors



DATA ACQUISITION & CONNECTIVITY

Plug-and-play service for collecting and integrating field data.

- RCU interfaces with all in-field devices and pushes data to PetroCloud cloud-based platform
- Optimizes bandwidth through prioritization of data transmission
- Proprietary communications protocol library to interface with new and existing devices
- Hard wired or solar panel options
- Alerts provide notifications based on pre-determined trigger points

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