Wireless technology

WellSentinel™ was created as an extension of Informa LLC's turnkey telemetry product line to meet the needs of the upstream Oil and Gas market. We set out to address one of the biggest barriers to monitoring and control deployment… installation cost. With our extensive use of wireless technology we have overcome that barrier and as of 2014 over 35,000 tanks are now being monitored, and over 1,000,000 tanks tested for leakage worldwide based on the founder's past background and experience.

Our Chemical Control Solution is an industry first. We offer remote control of the injection rate and feedback control provided by an independent flow meter. This data along with the injection rate is available to each client's unique user website.

Where We Are Going

Our mission is to make well sites more efficient by employing our "Active Surveillance" technology. We have "future proofed" our solution to address environmental regulations in terms of overflow alarming and VOC emissions reporting.

Regardless of the changes that may arise in our industry, you can always trust WellSentinel™ to emphasize safety, excellence, integrity, teamwork and accountability in all we do. Our vision is to become the premier provider of cost effective actionable well site information, control and surveillance to the oil and gas industry.

WellSentinel®
Powered by Informa LLC

888-410-1444   wellsentinel.com

Informa LLC/ **WellSentinel**® 215 N. College Avenue, Indianapolis, IN

WellSentinel®
Powered by Informa LLC

Wireless
Surveillance • Monitoring • Control
Cloud Based Web Services

Remote Wireless Technology at work for you

Connecting your business to the technology resources you need

WellSentinel was developed to to meet the needs of the upstream Oil and Gas market, providing state of the art remote wireless technology or monitoring, control and surveillance.

WellSentinel provides targeted turnkey information solutions to empower Mid-Sized to Small Owner Operators and their outside service providers to be more profitable. These cost effective solutions are value engineered to provide actionable data that maximizes the return from the lease .

flexible solutions for your business needs

Production Tank 1

Crude Oil Product Pull
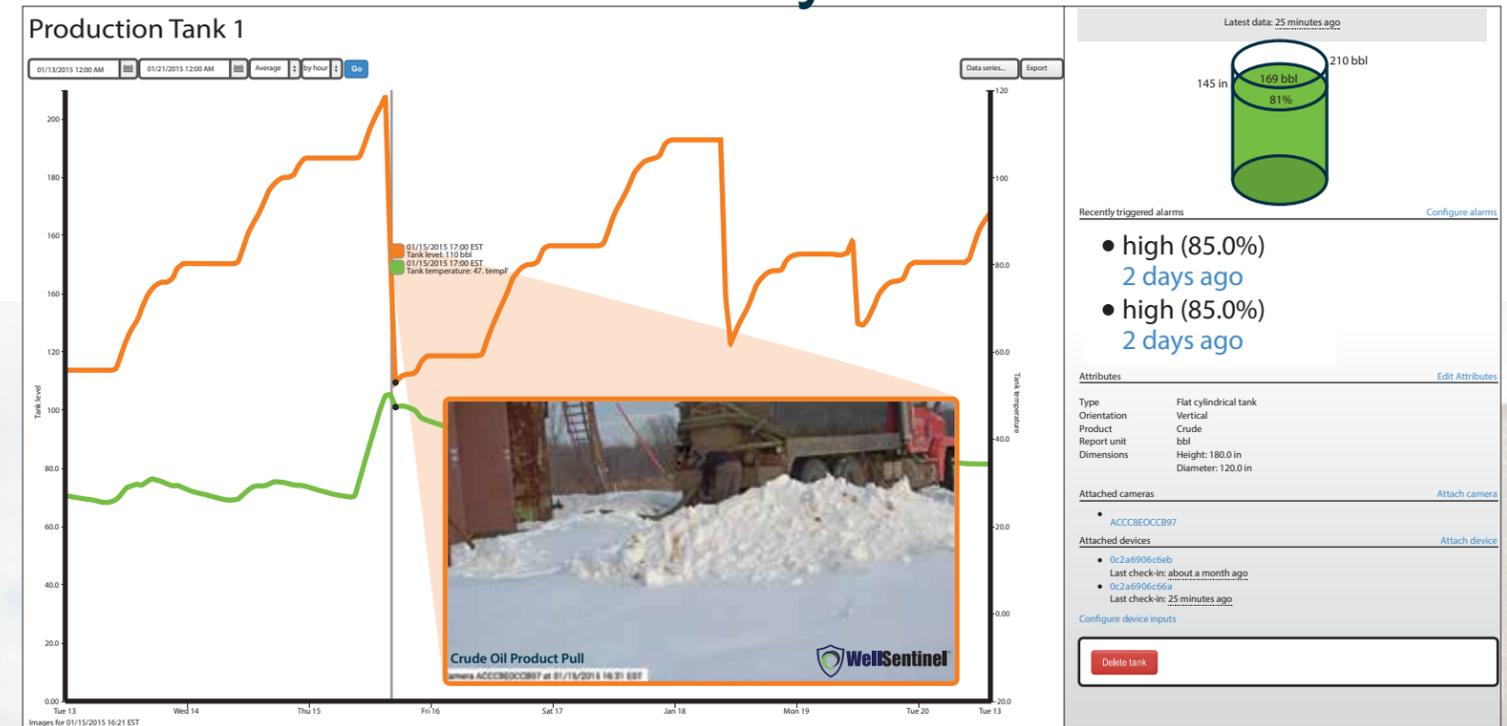
Control

- WellSentinel™ Modbus Controller remotely controls chemical dosing rates
- Feed Rate adjusted with flowmeter input to provide feedback pump speed control
- Well Site Pump Jack automatic shutdown available
- Operating Costs reduced through less costly visits to site
- Information available for internal or external stakeholders

SURVEILLIANCE

Guard Against Theft
Identify Unauthorized Activities
Monitor Scheduled Events
Store Video for later use
Maintain Control of Well Site

MONITORING/ALARMS

BBD Production Rates of Wells
High Level (Overflow) Alarms
Tank Inventories
Projected "days to full" or "empty"
VOC Emissions

CLOUD BASED WEB SERVICES

24/7 Monitoring and Alarms
Production Data Repository
Analysis Reports
Predictive Analytics
Production Data Repository
Video Event Archive

CONTROL SOLUTIONS

Control Chemical Dosing
Pumpjack Automatic Shutdown

Cloud Based Web services

Oilfield automation using the cloud allows companies to better manage their oilfields and do so in a way that lowers overall capital costs, maintenance costs, and labor costs. The benefits seen include:

Deployment Costs:

Dramatically reduce deployment costs with no communications infrastructure costs and no software licenses.

Optimization:

Continual readings with advanced charts, graphs, and analytics allows for production optimization.

Compliance:

Environmental compliance is met with ease thanks to monitoring of gas leaks and emissions and tank overspills.

Safety:

The overall safety of workers and the location is increased using cameras as a deterrent and automatic critical shut down and spill prevention.

Accuracy:

The overall accuracy of readings is much higher and more frequent.

Costs:

Labor costs are reduced significantly as everyone spend less time and money on tasks which can be handled remotely.

Monitoring

Crude BPD product rate

Inventory of crude, brine, chemicals

Overflow alarming

Inventory alarms to deploy field technicians

Identify theft/unauthorized activities

Monitors health of sensors

Provides video monitoring & alerting

Monitor health of total systems

Surveillance

Sensor-based remote video monitoring and alerting.

Smart Video Camera with

- **Robust, weather-proof casings (IP 66)**
- **Wide range of temperature operation**
- **Day and night functionality**
- **Tampering alarm**
- **HDTV/Megapixel resolution**
- **Facial & License Plate recognition**

Customers are only alerted to what each customer defines as important activity to them and entirely customizable on a per client and per site basis. Alerts are also customizable by each customer user.

™