Oil Wellhead Production Monitoring

The unpredictability of operating an oil well can evaporate profits and limit the return on investment from the well. Whether there are issues with the well itself, the artificial lift system, the automated prime mover, the oil storage or the dispatch of service, there are ways to optimize performance and increase productivity. With the right production monitoring solution tailored to fit right into your well field services operation, you can maximize uptime at each individual well, as well as increase the efficiency of your service team.

What Can InReach® Do For Me?

Make the operation of your pumpjack, progressive cavity pump or any other wellhead system more visible. Act on the information to make your entire operations more predictable and profitable.

ZTR's InReach solution for monitoring wellhead systems gives you the visibility you need to perform maintenance on time, anticipate problems and take action before costs go out of control. InReach is a rugged, proven solution, ideally suited for oilfield services companies managing large numbers of wells. Whether you need satellite or cellular communications, sensor or controller interfacing, standard or customized reporting or even enterprise software integration, InReach meets the challenge.

InReach® Services

Among the growing list of services and capabilities offered with the InReach solution, the following are especially important to oil well service providers:

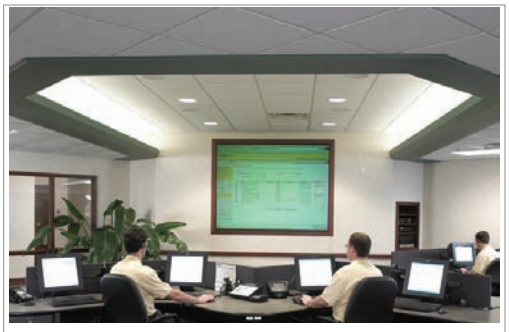
- *Alarms and alerts management* : help you avoid equipment damage and productivity loss
- *Web view* : get current status and detailed information on your artificial lift system
- *Maintenance planning* : schedule required maintenance based on run hours or calendar
- *Uptime/runtime reporting* : manage productivity and efficiency
- *Smartphone mobile applications* : mobile link for field operations
- *Historical analysis* : find out production totals and where your service dollars are going
- *Geographical information system* : view your wells on a map with color coded status and more
- *Web dashboards* : create your own browser screen layout using iGoogle® gadgets

System Information

Examples of Information Types	Examples of Points Monitored
Abnormal Shutdowns	Engine Faults All J1939 engine faults on electronic engines E-Stop High engine coolant temperature Low engine oil pressure Low system voltage Well/Pump Monitoring Stuffing box leak Pressure control shutdown High/low hydraulic pump pressure (PCP) Vibration shutdown Belt issues Low oil tank temp Oil tank level
Status	Engine run Engine fuel source
Analogs	All J1939 engine data Engine RPM Storage tanks level & temperature Flow line pressure Casing gas pressure
Counters	Productive hours Engine run hours Pumpjack strokes per minute
Schedules	Pump-off scheduling options (controller integration) Maintenance planning system Standard and custom reports suite

*If available from sensors/controller on site and limited by the monitoring controller. Other points available can also be monitored.

On-Site System



24/7 Support

Machine2Business™

M2B™ adds real value to telematics systems by allowing you to take control of your business process and easily manage important information from your equipment. M2B delivers an integrated solution, connecting remote machines with people to enable adaptive, real-time changes in both the machine and the organization's processes. Take control of your equipment management system and improve your organization's return on investment with an M2B solution today!

Summary

ZTR's InReach® solution and Machine2Business™ implementation approach is what sets us apart from the typical telematics system supplier. We use integrated intelligence from the field to deliver the right information, to the right person, at the right time in your business process. For oil well operations this means increased uptime and for service providers it means more efficient field service.

Contact us today to learn how to pilot a system and prove the return on investment for your operation.

www.ztr.com/wellhead-monitoring
1-952-233-4707
connectedsales@ztr.com