



www.droverenergy.com

Remote Tank Monitoring & Pump Control System

“Herd Watch”

~Reduce Manpower Required To Monitor ~ Optimize Chemical Usage ~ Regulate & Maintain Inventories and Deliveries ~ Prioritize & Proactively Plan Field Chemical Inspections ~

- The Drover Tank Monitoring and Control System while offering uses in many applications and fields of deployment, was developed specifically to target the needs of the Remote Oil & Gas Chemical Injection Applications.
- The Drover monitoring systems has received a full year of Beta Testing in a Remote Region of the world where Temperature Extremes have ranged from 5° C to +50° C



Key Product Offerings

- Are easily fitted and will Connect, Function and Work with most Solar or A/C Powered Oil & Gas Chemical Pump Systems on today's market.
- Customizable Web Based Reports Via our full feature Drover Web Portal, offering user-friendly software and 24/7 access to active systems & recorded data.
- Web Based Reporting and Alarm Features provide Ability to Prioritize Field Inspections, Repairs and Deliveries.
- All Data is in CSV Format and easily uploaded to interface with other systems, to aid in optimization on both chemical and production.
- Continues Inventory and Injection Rate Monitoring
- Onboard GPS can aid in delivery mapping and provide for the recovery.
- Pump Control Module providing remote control features, including On/Off, Stroke or Timed Event control.
- Battery and Charge System Monitoring
- Reduced Manpower Required to Monitor
- Enhanced Production due to less Downtime.
- Programmable & Customizable Alert/Alarms Via Internet, E-mail, Text Messages or PDA
- Interfaces with a wide array of sensors
- Configurable to communicate via Cellular Network/ Interface using SMS, GPRS and 3G protocols and fully approved for use with ATT, Verizon & Sprint Networks.
- In areas where Cellular connection is not available we offer an approved Iridium Satellite Interface
- Systems can be pre-packaged for easy installation.
- Offers High/Low Rate of change and leak detection.
- Standard systems utilize existing pump battery system but can be provided with its own power and charging capabilities.
- For Cellular based systems Built In Camera Options are available.
- No Field Programming Required.

Standard Features for the Drover RTMPC-01-CEL/SAT

- Remote Monitoring and Recording of Tank Levels
- Remote Monitoring and Recording of Battery Charge Levels
- Remote Monitoring and Recording of Fluid Temperature
- Remote Monitoring and Recording of Injection Pressure
- Customizable Fault, Alert and Alarm Reporting
- Customizable Full Feature Reporting
- Systems can be customized to End User Requirements utilizing many types of Sensors and multiple interfaces.

Remote Monitoring and Recording of all pump activities

- ✓ Total Stroke Count
- ✓ Total Run Time
- ✓ Injection Rates

Remote Control of Pump Including

- ✓ On/Off Control
- ✓ Ability to change rate via Stroke Count or Timed Event
- ✓ Change from a Stroke Event to a Timed Event

Component List:

- ✓ Receiver/Transmitter in NEMA 4 Enclosure
- ✓ Pressure/Temperature Transducer
- ✓ Injection Pressure Transmitter
- ✓ All Cables and Connectors
- ✓ Android Device Required for field control via Bluetooth Connection

