



Today's shale fracturing treatments have stretched the abilities of legacy pumping systems to the extreme edges of the performance envelope. The required high pressures and rates create more frequent equipment maintenance and repair procedures. Our pump monitoring delivers real-time water flow monitoring to effectively and efficiently track water delivery. When used in combination with our impoundment and tank level monitors, it provides a real-time integrated snapshot of field water volumes.

### Features

- Monitors pump RPM, discharge water pressure, water temperature, flow rate and flow totalizer
- Programmable alerts for discharge flow rate, pressure, and temperature
- Integrated with and powered by the pump
- No installation required
- Supports satellite and cellular to optimize performance and costs
- Web-based customer reporting for real-time access and monitoring
- Expandable to cover entire water system with tank and pit level sensors

### Benefits

- Real-time data access to water and pump data from anywhere
- Visibility and assurance of water supply
- Reduce downtime waiting on water and improved operational efficiencies
- Predict equipment issues before they occur
- Operate more efficiently with fewer people

### Technical Specifications

<b>Unit</b>	Pump Monitoring System
<b>Monitoring capability</b>	Discharge water pressure, temperature, flow rate and flow totalizer; engine RPM; source level
<b>Maximum working pressure</b>	200 psi
<b>Footprint</b>	Hard-mounted to pump
<b>Power requirement</b>	Pump-powered (12V/24V)
<b>Weight</b>	14,100 pounds

