

LiftScout

Remote Monitoring and Control

Monitor and control your lift stations with ease and peace of mind. Whether updating from a dialer or consolidating to a single smart system, the LiftScout suite of products can be customized to meet your operational needs.

Effective Communications

- Track current and past values on web-based server
- Set customizable alarms to relay power outages, level issues and other status faults sent via text message or e-mail.
- Standard acknowledgment feature displays that alarms have been addressed.

Smart Sensing

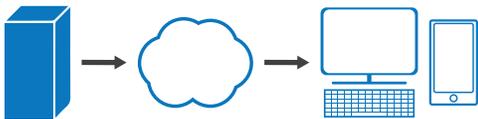
Smart system will combine multiple sensors to self-diagnose issues before arriving on location. This feature ensures that you are prepared for maintenance by providing the most complete reporting possible.

Easy Installation

The LiftScout is designed to be installed by in-house maintenance personnel or your lift station electrician. Kit includes all hardware needed for standard installation.

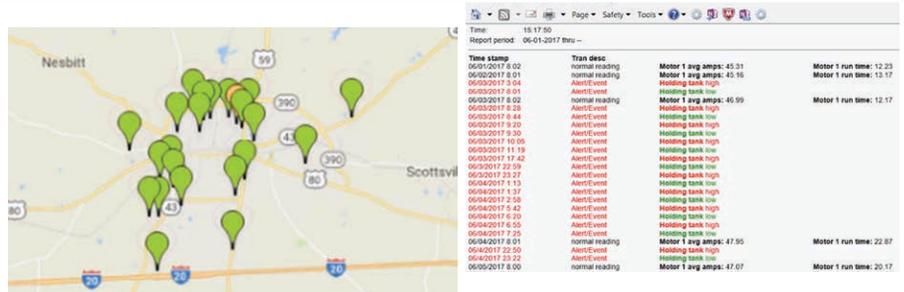


How It Works



LiftScout measures electrical current and level of liquids at your pump stations. Information from your LiftScout gets sent to the cloud, allowing you to access on your desktop or mobile web applications. This increases your peace of mind while eliminating the need for daily site visits.

Web Browser Mapping & Reporting



Web browser mapping and reporting allows you to check the condition of all your lift stations on one screen.

WHICH LIFTSCOUT IS RIGHT FOR YOUR OPERATIONS?



Monitor up to two pumps, power and current as well as one additional toggle alarm. Includes communication of station's daily summary as well as alarms in real-time and on the included web browser client. Simple setup and operation.

**Note: Current sensors included in the Cub+ kit*



Includes all features of the LiftScout Cub+ and real-time reporting on the status of the remote location using the client with the addition of a variable alarm.



Includes all features of the LifeScout Explorer plus an expanded I/O which will track flow, monitor digital/ 4-20 mA inputs and control valves. Includes port to monitor a third pump, generator or other equipment and two customizable variable inputs with 5 different alarm levels.

FEATURES	CUB	CUB+	EXPLORER	EAGLE
High/Low level Alarm	X	X	X	X
Pump Runtime	X	X	X	X
Monitor Two Pumps	X	X	X	X
Power Loss	X	X	X	X
Emergency Power	X	X	X	X
Pump Starts/Stops	X	X	X	X
Communications Status	X	X	X	X
Alarm Acknowledgment	X	X	X	X
Reports	X	X	X	X
Field Upgrade	X	X	X	X
Alarms via Text	X	X	X	X
Alarms via Email	X	X	X	X
Breaker Trip		X	X	X
Motor Starter / Pump Failure		X	X	X
Average Run Amps		X	X	X
Real Time Reports			X	X
Optional Rain Gauge			X	X
Level Sensor			X	X
Monitor Three Pumps				X
Additional Digital I/O				X
Remote Control I/O				X

LiftScout Specifications

<p>COMMUNICATIONS Satellite Cellular</p> <p>SOFTWARE Web Application included with monthly monitoring</p> <p>I/O - by Product</p> <p>Cub 2 - Pumps In 1 - On/Off</p> <p>Explorer 2 - Pumps In 1 - On/Off 1 - Pulse In 1 - Analog In</p> <p>Eagle 3 - Pumps In 3 - On/Off 2 - Pulse In 2 - Analog In 3 - Dig Out 2 - Analog Out</p>	<p>PHYSICAL NEMA Type 4X UV Polycarbonate L:11.25 x W:7.5 x D: 5.5</p> <p>Power Supply 120 vac to 15vdc, 3.4 Amp</p> <p>Battery (backup) 1.4 Amp-hr</p> <p>Operating Temp. -13 - 158F</p> <p>Humidity 5% to 95% no condensing</p> <p>I/O - Suggested Uses</p> <p>Dig In 2 - Pulse Counter - e.g. rain gage or flow meter 3 - On/Off dry contact - e.g. cabinet door, emergency generator on/off, etc.</p> <p>Analog 2 - Level Sensor (4-20mA or 0-20 volts) - e.g. wet well level 1 - Sink - e.g. turn on pump 2 - Source - e.g. turn on pump 2 - PWM - e.g. vary pump speed</p>
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NOTE: Other I/O available at customer request.

Need further proof that the LiftScout is the right for your operations? Ask us about our 60 day trial!