LiftAlert Lift Station Monitoring System

Using secure wireless protocols and cellular connectivity, LiftAlert keeps you in the know as to what is happening with your wastewater pumping infrastructure. Immediate notification of high wells, excessive pump runtimes, inoperative pumps, power failures, and overheated/leaking pumps is now available at a fraction of the cost of typical SCADA systems. Notifications can be sent by email, SMS text, and by spoken message to any phone.
The web-based user portal allows full visualization of your pump infrastructure, along with management of notifications, report generation, and task assignment.

LiftAlert Benefits

A cost-effective monitoring alternative to expensive SCADA systems

Provides realtime notification of high wells, abnormal pump runtimes, power failures, pump overheating, seal leaks

Secure cellular-based telemetry

Web-based dashboard provides monitoring of entire pump infrastructure

Report generation with color charting to visualize pump runtime and overall system performance.

Job management that allows task assignment and progress monitoring

Specifications

Pump sensor inputs:	4 each 0-10VDC current transformer inputs, >150KΩ input impedance, ±100VDC overload tolerant.
Digital inputs:	High-well (1), Seal leak (2), Pump overheat (2), General-purpose input (1). ON threshold: >19VDC, OFF threshold: < 4VDC. 4.7KΩ input impedance. High-well and general-purpose input are referenced to system ground. Seal leak and pump overheat inputs can be referenced to external source or to system ground.
Digital outputs:	6 each SPST relay contacts, 1A maximum current. Outputs 1-5 are dedicated as repeaters that pass-through the status of the 2 leak sensor inputs, the 2 pump overheat inputs, and the high-well input.
Modem:	HSPA+ Hepta-band, Triple-band, integrated GPS
Power requirements:	90 – 264 VAC, single phase
Enclosure:	Hoffman A12106PH / A12106PHCW (optional, shown) or equivalent.

LiftAlert LLC

721 China St. Vicksburg MS 39183 (601) 636-1637
www.liftalert.net