

# LiftPoint System



LiftPoint is a fully integrated solution for monitoring wastewater lift stations that includes hardware, firmware and web-based software in a single cohesive system. It monitors the floats, motor currents, phase and switch position, detecting issues before becoming critical. This allows the station to be serviced before it breaks, extending the pump life, preventing spills, avoiding expensive fines and improving energy usage.

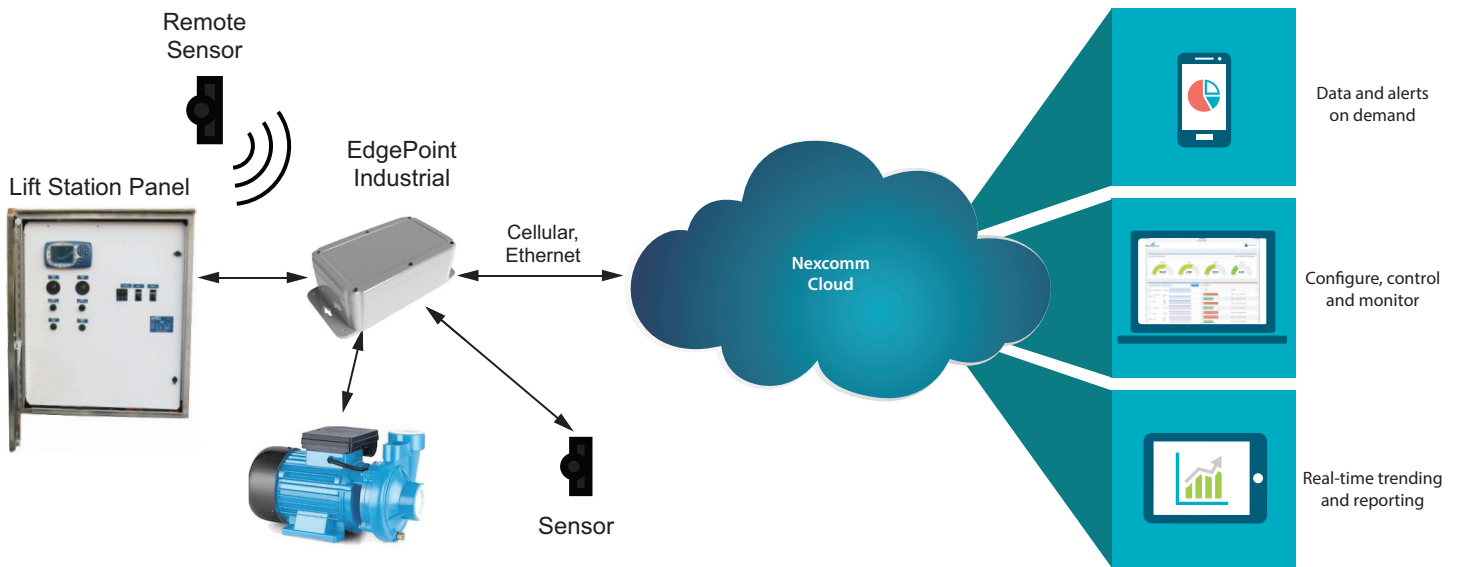
The system is connected to the cloud using the latest cellular technology. This provides real-time monitoring of the station from a PC or smart device anytime, anywhere, unlike traditional SCADA systems or physical inspection.

The EdgePoint Industrial can easily retrofit into existing stations. It monitors all typical duplex and triplex station configurations. LiftPoint ends the days of piecing together parts from multiple companies and trying to get it all to work. It offers proven system elements, simple installation, and real-time, actionable insight into the health and operation of the system, lowering costs and increasing efficiencies.

## Benefits

- Single integrated system with all software, cellular connectivity, air time and web monitoring included
- Replaces traditional dialers and can provide PLC functionality while installing in half the time
- Monitors floats, motor current and other sensors
- Optionally it can activate and control pumps
- Wired and wireless connectivity (Ethernet, cellular, Wi-Fi, proprietary 900MHz)
- Includes GPS for locating the station
- Customizable alarming can trigger voice calls, email and text notifications, eliminating the need for a "good Samaritan" and removing a burden from property managers
- Internet connectivity allows monitoring from anywhere at any time
- Customizable web interface and dashboards to quickly show critical information





## Specifications

### Electrical

Operating Voltage: 85 to 264VAC, 12 to 17VDC, reverse polarity protected

### Communications:

RS-485 Modbus RTU, RS-232

Ethernet

Wi-Fi: 802.11 b/g/n

Cellular: LTE, CAT-M1

GNSS location services

ZigBee, Thread, Bluetooth, proprietary 900MHz (options)

### Inputs:

Sixteen 110VAC, one 4 to 20mA analog, three CT analog or 4 to 20mA

### Outputs:

Three relays, four current sink

### Environmental:

Operating temperature: -20°C to +70°C (-4°F to +158°F)

IP67

