



Pump Station Monitoring

RTU, SCADA, Controller, Modem/Antenna, AC/DC/Solar Power,
UPS/Battery, Com Protocols and I/O in a Single Low-Price Enclosure

Competitive Pricing

Starts at \$1,999.00 with Cloud Monitoring \$25.00/month or \$280/year for each Station-Data Plans Included

Pre-Packaged and Pre-Built

Shipped with Power Management, Antenna and Prewired I/O-Ready to Install

Data Plans

Secure Managed Communication Platform Included



- Indoor/Outdoor AC/DC UPS/Battery Backup or Solar Power Included for SCADA and IoT Applications; Compact, Lightweight NEMA 4X Enclosure with pre-built antenna
- Reliable Prepackaged SCADA and IoT Applications: Cellular, Satellite and Radio Communication
- Built-in 8 DI's; Additional DI, DO and AI Expansion Modules; Industrial Communication Drivers to Talk to the Station PLC's
- Prebuilt Data Points:
 - Pump Status
 - Pump Alarms
 - Runtime and Gallons

The out of the box configuration provides monitoring for:

- Pump Status: On/Off
- Pump Starts: Count
- Pump Runtime: Day
- Pump Runtime: Month
- Pump Runtime: Year
- Gallons Pumped Day
- Gallons Pumped Month
- Gallons Pumped YTD
- Pump Start Fail Alarm
- Two Additional Digital Input pump ALARMS / Status

Alarms are sent to your smart phone via Email or are SMS Text and shown on SkyView Platform.

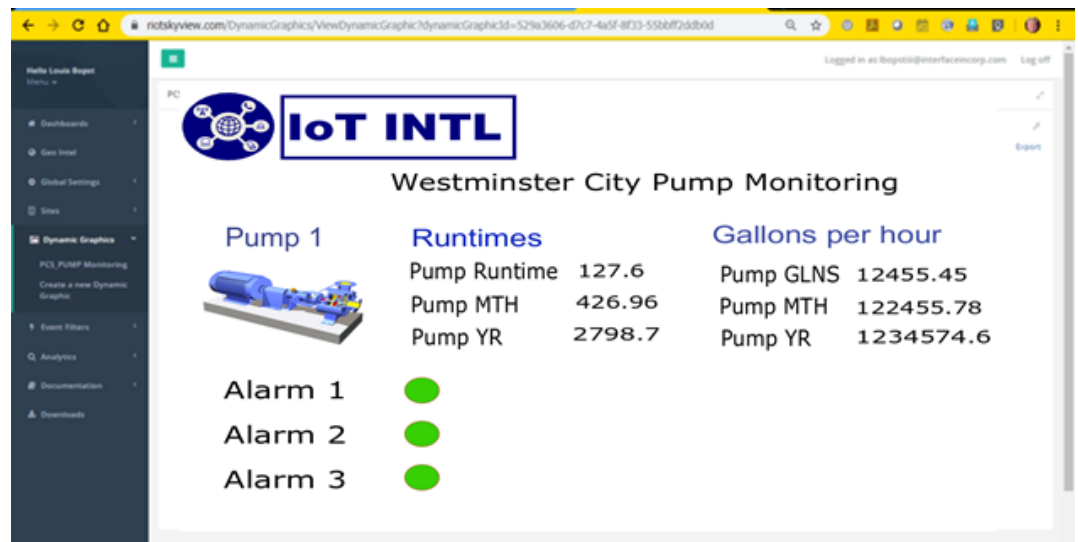
The point assignments can be changed using our free configuration software: RiOT Explorer.

The local Processing Engine is a Light-weight Linux Industrial Computer hardened for process control applications:

- Local scripting to implement additional field calculations
- Local control scenarios such as Lead/Lag algorithms
- PLC Protocols:
 - o Modbus RTU
 - o Modbus TCP
 - o ETHERNET/IP-Coming soon!
 - o SNMP
 - o DNP3.0
 - o BACNET-Coming soon!



SkyView Cloud Services



Required IT Support

No Installation, OS Updates or Patch Management; No IT Support Needed

Security

Encryption and Authentication for Data Transport; Role Based Security; Two Factor Authentication

Simple yet Flexible

Utilize the Pre-Built Point Assignments and HMI Pictures or Use the Platform Tools to Customize Point Assignments, HMI Pictures, Charts, Dashboards, Events and Alarms

- Connect to an existing SCADA via OPC UA. SCADA Systems supported:
 - GE iFIX
 - GE Cimplicity
 - Wonderware InTouch
 - ICONICS
 - Ignition
 - Any SCADA System supporting OPC UA
- Create and publish your own charts instantly and publish to your account.
- Use prebuilt or create your own process animation and HMI with free graphic tools and publish to your account
- Create your own alarm or event page instantly and publish to your account.
- Create your own dashboards instantly to show different data views of one or multiple locations such as event, alarms, charts and HMI in a single page; View data views on your computer, tablet or smart phone.
- Add users on the fly from your computer or smart phone; Assign SMS or email notifications to roles such as Managers, Technicians, etc.

SERVICES AVAILABLE

- Technical Support
- SCADA Connection
- Connection to Local PLC and Control Systems
- Third Party Interface to Maintenance, Reporting and Workflow Management Systems
- Extension Services to Auto-fill EPA or other Regulatory Reports or Forms

