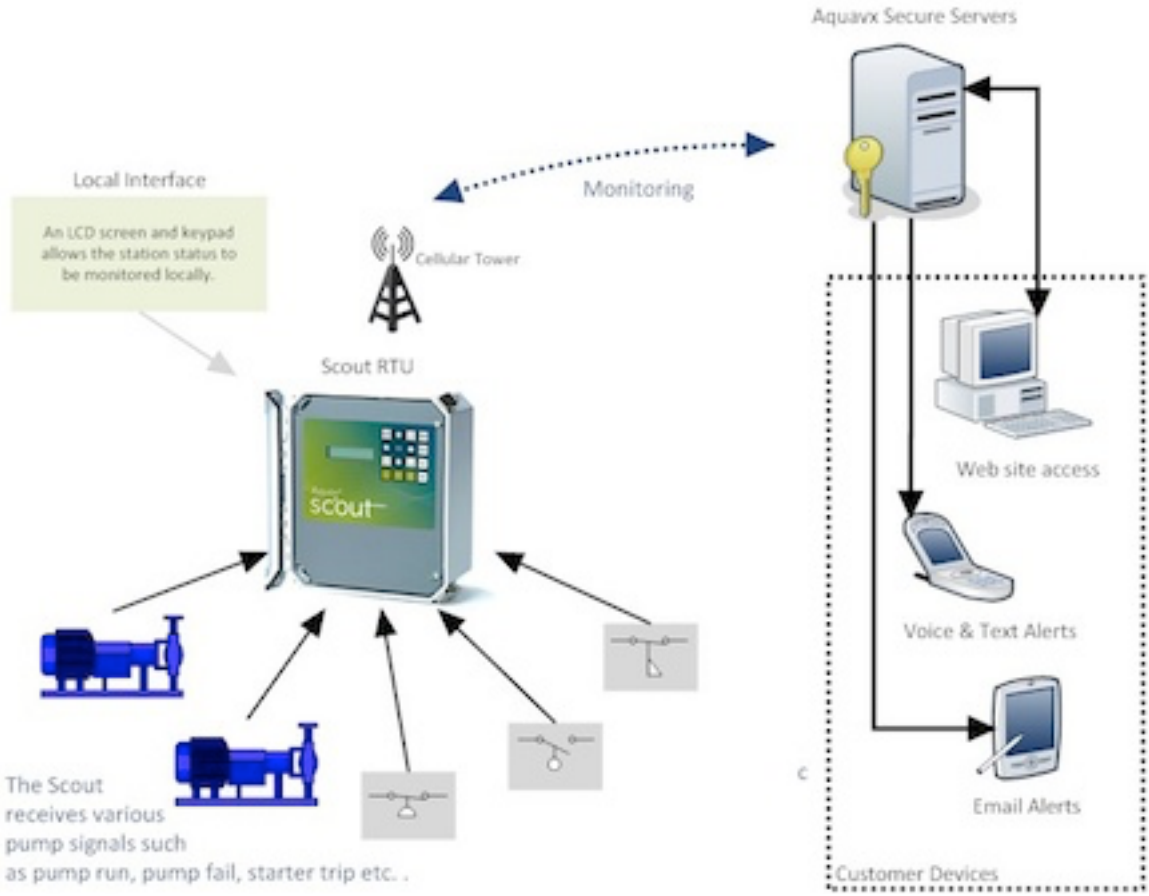
Remote Monitoring via Software as a Service

Aquavx is the SCADA alternative at the cost of an auto-dialer, tailored to sanitation districts, the small village or township water and wastewater departments.

Whether you need to monitor a single or multiple lift stations or elevated tanks and well pumps, the Aquavx package gives you a complete turn-key monitoring solution. The status of any station may be viewed locally on the Aquavx Scout RTU or remotely via the Aquavx web site. Users are notified of critical events via text, email, or voice messaging. Aquavx gives you as little or as much information as you select – and at an affordable price. Aquavx offers a variety of service offerings from which to choose. Service agreements include cellular service, web communications, 24/7 tech support and, typically cost less than a land line!

Aquavx Lift / Pump Station Monitoring



The Aquavx Lift/Pump Station Monitoring Service utilizes the tried, tested and proven Aquavx Scout RTU at the monitored site.

Intelligent hardware

Alarm thresholds & conditions are stored locally on the Aquavx Scout RTU ensuring that such conditions are detected instantly.

View system status on local display

The local control panel allows the user to view channel status, events and event history, and make configuration changes locally. The display can be programmed to automatically scroll through channels of interest when the unit is idle.

Web interface

Be proactive – know the status of your remote site(s) before a crisis occurs! View critical events, site status, run-time data and more - all at your fingertips. Critical events are highlighted in red on all web pages and additional information is available by drilling down into sub-menus on a per-site basis.

Overview map

In additional to the tabular data views the Aquavx system provides an overview map showing the status of each station – ideal for multiple alarm situations such as power alarms during storm activity.

Flexible Alerts

Choose voice, text or email alerts if conditions occur such as:

- High / low water
- Pump failure
- Power failure
- Excessive pump run time
- High / low pressure

The extensive input ports on the Aquavx Scout RTU allow a wide range of sensors to be connected covering various alarm conditions. For additional information on the Aquavx Scout RTU see its separate data sheet.

Useful Reporting

The system also provides a host of additional reporting features including:

- Pump run times
- Pump starts
- Totalized flow

Reports can be automatically emailed on a scheduled basis and historical data is viewable via the Aquavx web site.

Secure Access

The user administration module provides various levels of security that are configurable by the user. This allows users to easily configure user access, and groups to receive alerts and determine how alerts are received.

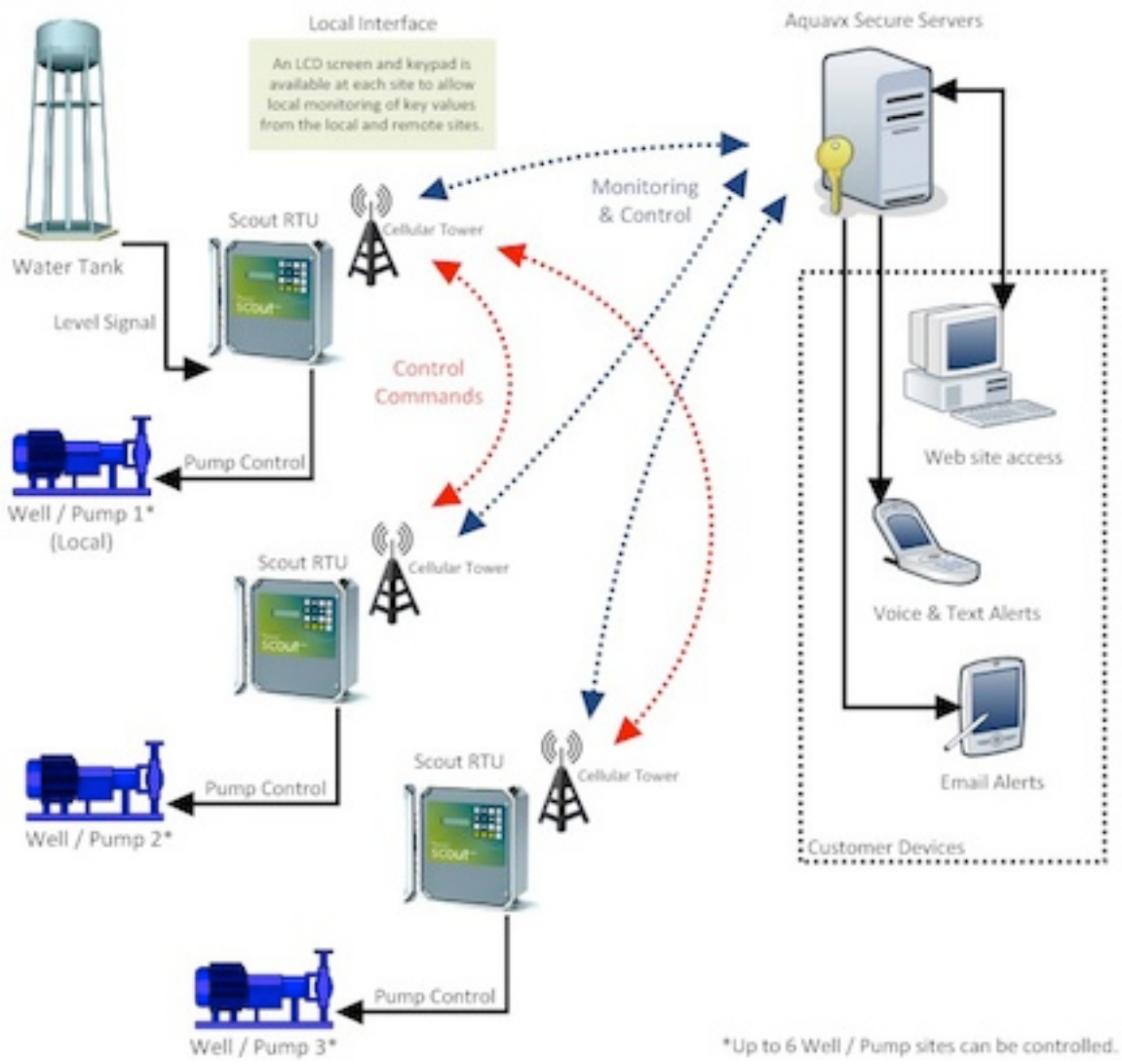
The Aquavx Tank and Well Control System provides a fully functional tank control system at a far lower cost than traditional SCADA systems.

The Aquavx system monitors the level of water in the storage tank and automatically controls up to six remote pumps. Inter-site communications use a virtual private network via a national cellular network.

- Affordable
- User Friendly
- Easy to install

- Uses a secure private network
- No radio systems or phone lines to maintain

Aquavx Tank / Well Control Systems



The Aquavx Tank and Well Control System uses the tried, tested and proven Aquavx Scout RTU at the tank site and at each well/pump site. At the tank site the RTU monitors the tank level and transmits the information to the well sites. At each well /pump site the local RTU controls the pump(s) based on the tank level and the on/off set points for that site.

Controls up to 6 wells

There can be up to six pump well sites in a system and each can have distinct on/off set points allowing wells to be prioritized.

View system status on local display

The status of any well can be monitored from the tank location. On/off set points can be adjusted locally. The tank level can be viewed from any well location.

Web monitoring & control

Utility staff can monitor the control system via the Aquavx web site and, if desired, pumps can be controlled manually via the web interface.

Flexible Alerts

The system can also alert staff via voice, text or email if problems occur such as:

- High / low water alarms
- Pump failure alarms
- Power failure alarms
- Pump run time alarms

The extensive input ports on the Aquavx Scout RTU allow a wide range of sensors to be connected covering various alarm conditions. For additional information on the Aquavx Scout RTU see its separate data sheet.

Control and reporting!

In addition to providing control of the pumps, the system also provides a host of additional reporting features including:

- Pump run times
- Pump starts
- Tank level

Reports can be automatically emailed on a scheduled basis and historical data is viewable via the Aquavx web site.

Internet & cellular communications

- Direct tank to well communication ensures that important control functions are not dependent on internet connectivity.
- Built-in fail-safe features in the event of cellular communications loss.

Water quality too!

In addition to providing its primary control function the system can also be connected to additional sensors to monitor water quality parameters.

TLC Customers are very pleased with this system - no issues, works simply as advertised.

All Set up and programed by Aquvix via a short interview document.