



Standard VeriComm[®] Panels

The Basics

What is VeriComm[®]?

- VeriComm[®] gives water/wastewater system operators and maintenance organizations the ability to remotely monitor, maintain, manage, and control each individual site
- VeriComm consists of two key components
 - Telemetry-enabled control panel
 - Web-based monitoring system

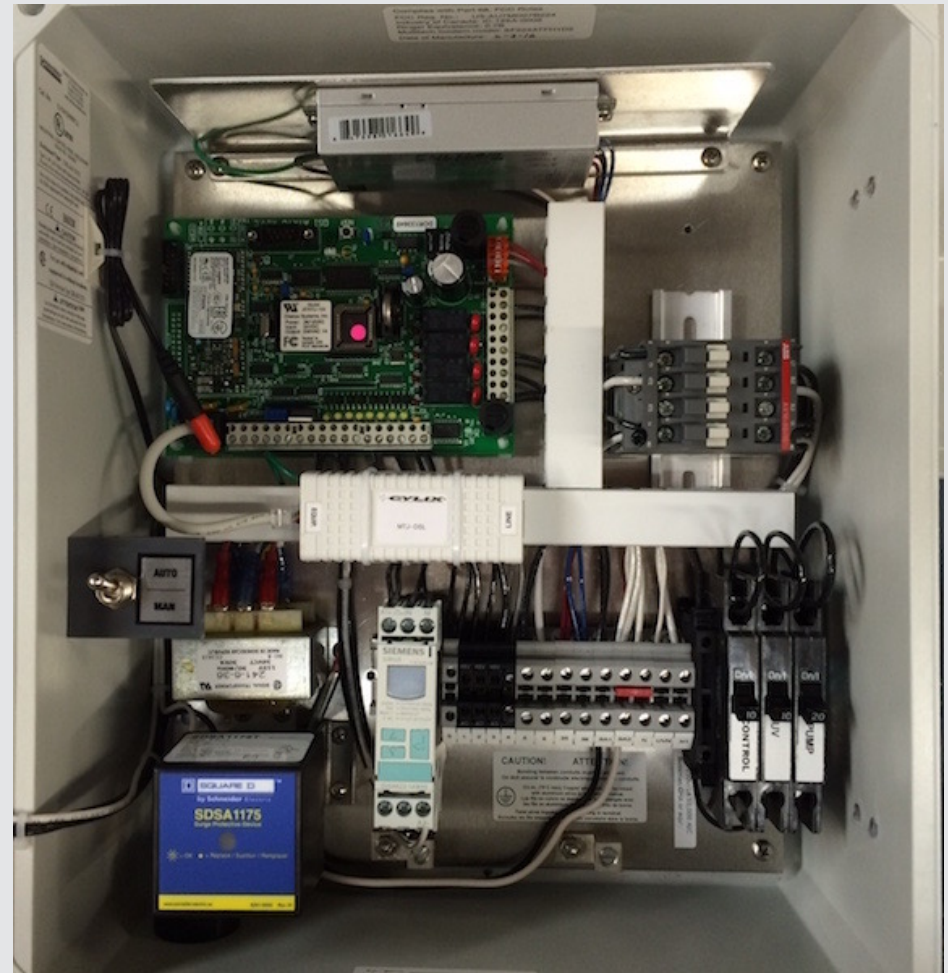
VeriComm[®] Control Panel Features

- Standard components
 - VeriComm[®] remote telemetry board (ATRTU-100)
 - Transformer
 - Pump and control circuit breakers
 - Motor-start contactors
 - Toggle switches
 - Fuse
 - Audio and visual alarms
 - Panel enclosure



VeriComm[®] Control Panel Features

- Optional components
 - Surge arresters
 - Anti-condensation heater
 - UV disinfection compatibility
 - Battery backup for controls
 - Drip irrigation headworks



VeriComm[®] Control Panel Features

- Basic control logic
- Advanced control logic
- Data collection and utilization
- Troubleshooting and diagnostic logic
- Communications

Web-Based Telemetry



Communication Options

- **Remote communication options**
 - Built in modem
 - IP adapter
 - Future adapter (ex. cellular modem)
- **There are two ways to access panel data in the field**
 - Direct plug-in using your laptop
 - Wireless connection using Bluetooth®

Bluetooth® Overview

- **Kit and Accessories**

- Bluetooth® Device
- AC Adapter

- **Recommended Hardware**

- Laptop
- Android-based phones and tablets
- PocketPC® with Windows Mobile® operating system and Bluetooth capabilities



VeriComm[®] Monitoring System

Benefits

- Provides affordable, invisible, round-the-clock supervision of onsite systems, saving time and money in O&M
- VeriComm[®] gives you ...
 - Verification of system performance
 - Automatic notification of fault conditions
 - Diagnosis of the problem
 - Recommendations for action
 - Ability to change timer settings and other key operating parameters remotely
 - Secure Web access to system and site information
 - Standard reporting
 - Invisible utility

VeriComm[®] Monitoring System

Benefits

*“I use VeriComm to monitor about 50 installations in a 300-mile radius around Edmonton. Last winter, while I was vacationing in Mexico, I checked my e-mails, found a ‘high-cycles’ alert for a church, and looked at the actual flows, online. Then I sent the property owner an e-mail saying, ‘I’m on holiday, but I think you have some running toilets you need to fix.’ I was right-on, from 3,000 miles away, and he was able to take care of it immediately. **VeriComm protects the system, protects me, and protects my installer, and gives our customers peace of mind.**”*

-- Bruce Silvester
Onsite Specialties
Alberta, Canada

Solutions for Decentralized Wastewater Treatment

Orenco Systems[®], Inc.

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