VeriComm® Monitoring System

Do you
oversee
what's
underground?

Remote monitoring and control for decentralized wastewater collection and treatment systems

Orenco®
Orenco Systems®, Incorporated

814 Airway Avenue
Sutherlin, OR 97479 USA

VeriComm® "Smart" Telemetry Control Panels

Are you responsible for designing, developing, managing, operating, or regulating a decentralized wastewater system?

If so . . .

✓ you need to know the system is operating

✓ you need to know that maintenance is being performed — and performed efficiently

✓ you need to know you can audit system performance and system reports

✓ you need to know the system is invisible (thus acceptable) to property owners

In addition to operating like other panels, the VeriComm Control Panel has four very "smart" functions: alarm management, data collection, troubleshooting, and advanced control logic. Operators can change settings at the panel from a PDA with Bluetooth®, or remotely via the web.

VeriComm®
Verifies and Communicates System Operation

Like you, our company stakes its reputation on the performance of onsite wastewater collection and treatment systems. That's why we developed our VeriComm® Telemetry Control Panels and VeriComm Monitoring System. VeriComm verifies and communicates system operation, remotely — 24 hours a day, 7 days a week.

System Data is Secure but Accessible

The decentralized wastewater treatment industry has many stakeholders. We developed VeriComm as a password-protected, Web-based monitoring system. Operating data, alarm histories, site notes, and system reports are permanently available in a robust SQL database, viewable and printable from a user-friendly Web page.

VeriComm saves us many site visits and much time troubleshooting. The ability to get an advance diagnosis of the problem allows us to go right to the source, without wasting time checking other components. We also drastically reduce after-hours and weekend site visits by changing parameters from home or the office.

— Mike Stephens, Operator, SCS Systems LLC, Haslett, Michigan

"VeriComm saves us many site visits"

VeriComm
Saves Time and Money in O & M

VeriComm Control Panels, coupled with the VeriComm Monitoring System, save money on system operation and maintenance by . . .

- notifying operators of alarms or alerts automatically
- diagnosing problems and making recommendations for action
- allowing operators to change many system settings remotely
- making self-adjustments via "artificial intelligence," based on trend data
- resolving problems before they become serious

With VeriComm, operators can make many system adjustments via the Web, so they'll make fewer service calls. And, when they have to go out on a site visit, they'll know just what equipment to bring.

VeriComm
Diagnoses the Following:

- High and low liquid levels
- Stuck float switches
- Pump failure
- Pump lockout from brownout
- Clogged filter
- Leaking tank
- Failed contactor
- Chattering contactor
- Excessive pump cycles/run time (a symptom of excess water use)

In addition to detecting and diagnosing, VeriComm also makes recommendations for action.

VeriComm
Telemetry with Monitoring Works Quietly, Invisibly

With VeriComm, "virtual O & M" is practically invisible to the property owner or resident. Here's how it works:
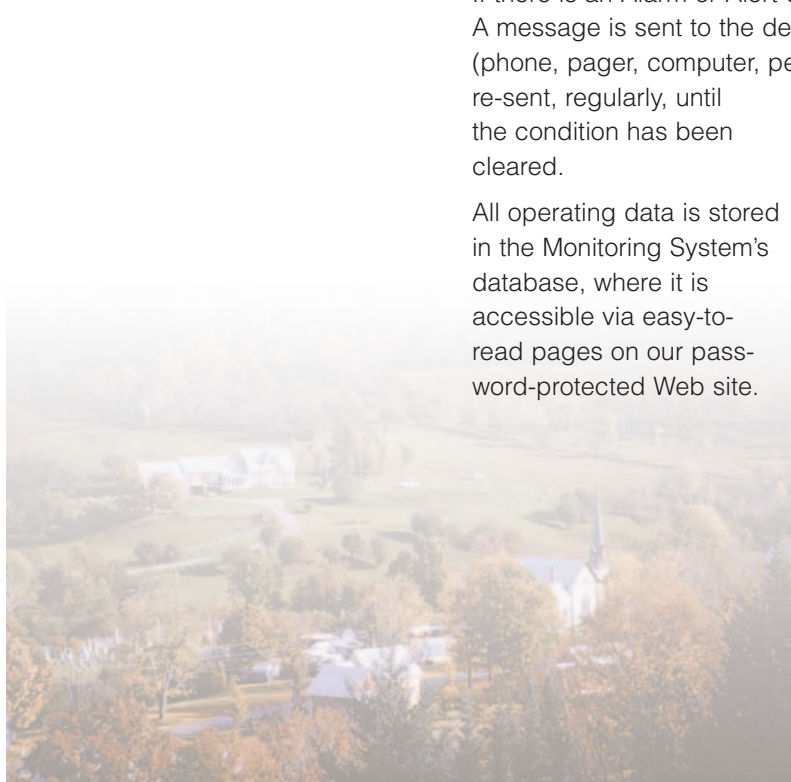
A telemetry-enabled VeriComm Control Panel is installed on a site. The panel calls the VeriComm Monitoring System, toll-free, to communicate operating data in the middle of the night . . . typically once a month. No dedicated phone line required. VeriComm shares the household land line or high-speed Internet connection for its call-ins.

If there is an Alarm or Alert condition, the panel calls in immediately, 24/7. A message is sent to the designated operator's e-mail-capable device (phone, pager, computer, personal digital assistant). Messages are re-sent, regularly, until the condition has been cleared.

All operating data is stored in the Monitoring System's database, where it is accessible via easy-to-read pages on our pass-word-protected Web site.

VeriComm is Priced for the Residential Market

Depending on panel complexity, for most applications, VeriComm Panels are priced similarly to standard panels, without telemetry. And the monthly per site cost of the Monitoring System is very low. This means VeriComm technology can be added to a system for only a fractional increase in total project costs.

Another Carefully Engineered Product from Orenco Systems

The VeriComm System was specifically developed for the onsite industry by Orenco Systems, a company known for its leading-edge solutions. Founded in 1981, Orenco distributes its wastewater products and technologies all over the world.

For More Information

Go to **www.orenco.com** or to **www.vericomm.net** and click on the icon for our online demo (requires free Adobe® Flash® Player). You can e-mail us right from the online demo, or call Orenco at **800-348-9843**.

Peace of mind...
That's what you get with **VeriComm's** 24/7 System Monitoring.

Please note: The VeriComm Monitoring System requires a Windows® or Mac OS® PC with a connection to the Internet. Best viewed in Microsoft® Internet Explorer®.

Distributed by:

"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-mail, 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

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