



CONTACT: James Fairburn, Director of Sales & Marketing
610.558.2700

First-Ever Application of Remote Monitoring System Provides Hard-to-Reach Communities with Safe, Controlled Access to Critical Utilities

Sensaphone® SCADA 3000 monitors a unique, new portable utilities infrastructure that integrates a water treatment system, power generator, and septic system.

ASTON, PA—Architectural planning challenges, such as providing utilities to secluded communities, have been solved through the use of Sensaphone, Inc.'s SCADA 3000. The Sensaphone SCADA 3000 has been selected as the remote monitoring system for the Eco-Nomad, a self-contained "infrastructure in a box" that integrates a water-treatment system, a power generator, and a septic system, all within a portable container.

Responding to remote and rural residential communities that lack both the access to potable water and the architectural capacity for adequate infrastructure, *Architectural and Community Planning, Inc.* chose the Sensaphone SCADA 3000 to control and monitor the Eco-Nomad's potable water storage and purification, biological wastewater treatment, water and space heating, and electrical supply. In the event of water overflow, power failure or fire, the Sensaphone SCADA 3000 features a security alarm that has dial-out capabilities, immediately alerting emergency personnel via phone, fax, pager and e-mail from anywhere, at any time. Its program can handle multiple alarms at once and the user can customize all voice alarm messages, enabling the swiftest reactions to potential disasters.

"We needed a Programmable Logic Control (PLC) system that combined control functions with data-logging, troubleshooting and remote (modem) access capabilities," says Udo Staschik, President of *Architectural and Community Planning, Inc.* "User friendliness was a major concern and we needed the PLC to be scaleable. The Sensaphone SCADA 3000 met all these criteria."

The SCADA 3000 system's flexibility in terms of input/output configurations made it the only choice for Staschik. It includes 16 universal inputs and 8 relay outputs, but is able to grow as the needs of the application grow, expanding up to 144 input/output (I/O) points by simply adding expansion modules. "Many other PLCs are out there, but were too small or large for us in terms of control capabilities," says Staschik. "Plus, servicing in isolated areas is not always possible. Therefore, the [SCADA 3000's] easy installation and Sensaphone's diligent customer service and technical support were also important considerations."

Within an 8-foot by 8-foot by 20-foot container that combines already proven technologies, the Eco-Nomad is designed with flexibility so it can attach to any residential or industrial edifice. It is well suited for extreme weather operation, such as circumpolar countries and other demanding environments. Through the use of the SCADA 3000, the Eco-Nomad is able to monitor and troubleshoot, ensuring safety precautions are operating.

About Sensaphone SCADA 3000

With the Sensaphone SCADA 3000, everything—including the software—comes in one comprehensive and inexpensive package for all the control and alarm capabilities users will ever need. Standard with each Sensaphone SCADA 3000 is a powerful 32-bit software system complete with critical built-in features, including a real-time screen builder, program editors, alarm functions, and a communications manager. Through this versatile Windows™-based software, users can program units, develop Ladder and C-programs, retrieve data, analyze event logs, and print a variety of reports. And, like the Sensaphone 2000, alarm and critical data point information is automatically formatted into a Web page and uploaded to a specific Web site for online access.

About Architectural & Community Planning, Inc.

Architectural & Community Planning, Inc. was established in 1987 to conduct research, development, and implementation activities for remote residential housing and small commercial projects. President Udo Staschick has provided project management related to the development and implementation of over 300 new home construction and self-help renovation projects.

About Sensaphone, Inc.

Sensaphone, Inc. stands at the forefront of remote monitor and control solution design, setting industry standards for advancements in technology. Its family of Sensaphone products provides a comprehensive line of feature-rich, flexible technology for monitoring equipment, safeguarding property, and reporting critical data. Sensaphone, Inc. serves a broad range of applications/industries, including telecommunication, network servers, computer rooms, oil & gas, water/wastewater, HVAC & refrigeration, science/health labs, agriculture, greenhouses, and vacation homes. For more information, call (610) 558-2700 or visit www.sensaphone.com.

SENSAPHONE®
HOW DID YOU MANAGE WITHOUT IT?™

For more information, contact James Fairburn, Director, Sales and Marketing, Sensaphone, Inc.

901 Tryens Road, Aston, PA 19014 Phone: 610.558.2700 Fax: 610.558.0222 E-mail: sales@sensaphone.com

Sensaphone® is a registered trademark of Sensaphone, Inc.