

Obvius

Do-it-yourself Energy Data Acquisition

Data acquisition of energy and operational information for commercial and industrial facilities can be expensive and cumbersome especially when you are dealing with several different manufacturers' equipment. Obvius, a building information service supplier, has found a solution that appeals to the mass-market and is easily deployable. The company's AcquiSuite™ and AcquiLite™ data acquisition servers make do-it-yourself data acquisition possible for any building owner or contractor. It is 50% less expensive than customized solutions. And, with the Multi-Tech SocketModem® module embedded in the system hardware, product installation is a snap.

AcquiSuite and AcquiLite are the only standard systems that can cost-effectively integrate signals from equipment in buildings, such as the building automation system or other sensors, from several manufacturers and produce one uniform report. It is the perfect data acquisition solution for the aggregation of energy data from multiple sites, benchmarking building operations performance, verification of energy savings and utility costs, or for cost allocation to departments or tenants.

Obvius uses the SocketModem module for all modem based communication connectivity. The modem is used for both dial-in and dial-out applications and provides the hardware link to allow PPP connections for web browser access to the AcquiSuite and AcquiLite hardware systems.

"By utilizing a pin-compatible socket modem, we were able to keep our engineering costs down and deliver our product to market quickly," explains Stephen Herzog, CTO of Obvius. "Multi-Tech's reputation for quality products, fair price, and full-feature set of the SocketModem product line made our decision easy."

Recently, Obvius added wireless functionality to the AcquiSuite system by integrating the SocketModem GPRS module into their system hardware. The universal socket architecture of the SocketModem product line allows for one system design to be populated with any Multi-Tech connectivity module.

"With minimal changes to our hardware design, we are able to give our customers a choice in connectivity," explains Herzog. "The interchangeable modules allow us to offer wireless connectivity where land lines aren't easily accessible. With the SocketModem module's flexible design, we can be assured a seamless migration to any future technologies our customers might need."



SocketModem

- Complete modem solution including the controller, data pump, and DAA
- Global compliance
- Universal socket connectivity
- Quick-to-market solution

SocketModem GPRS

- Easy integration
- Quick time-to-market
- Carrier approved
- Universal socket connectivity

Obvius, is an Oregon corporation, headquartered in Portland, Oregon. The mission of Obvius is to be the premier building information service supplier through the web, with an initial emphasis on energy related information. The company's AcquiSuite™ and AcquiLite™ data acquisition servers make do-it-yourself data acquisition possible for any building owner or contractor. The BMO website provides access to building information from one or more buildings around the world using only a standard Web browser such as Internet Explorer.



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