

Product News

Schneider Electric announces SCADAPack 50, the new wireless, remote data logger using GSM network to send data via SMS

JOHANNESBURG – April 25, 2015 – Schneider Electric, the global specialist in energy management, has announced the launch of SCADAPack 50 data logger, the latest innovation for monitoring applications when power and network access are either unavailable or prohibitively challenging.

Compact and self-powered (offering up to five years autonomy), the SCADAPack 50 device monitors and logs analogue, discrete, and Modbus process inputs. It reports logged data and alarms via SMS over existing GSM infrastructure to any SCADA host application. The enclosure is IP68-rated for applications where environmental protection is required.

In a typical installation, process data is monitored and stored locally in the device and transmitted to a host according to configurable sampling and transmission rates. Logged data is sent over the GSM network as binary data files using the SMS PDU format. Additionally, discrete inputs can be used to trigger alarm transmission to both the host and/or SMS-enabled mobile devices.

The SCADAPack 50 unit can be used in a variety of markets and applications, such as water infrastructure, bulk storage level, and more.

On the reception end, any GSM modem compatible with Hayes commands can be used. Both 2G and 3G options exist for network connectivity as well as internal and external antenna options. From a host perspective, SCADAPack 50 networks are natively compatible with Schneider Electric StruxureWare SCADA Expert ClearSCADA software. The SCADAPack 50 unit also has an OPC enabled gateway that can interface with any third-party SCADA host.

Once the user has activated the internal SIM card and configured the SCADAPack 50 data logger, no intervention is typically required during its entire battery life.

About Schneider Electric

As a global specialist in energy management with operations in more than 100 countries, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in Utilities & Infrastructure, Industries & Machines Manufacturers, Non-residential Buildings, Data Centres & Networks and Residential. Focused on making energy safe, reliable, efficient, productive and green, the Group's 150,000 plus employees achieved sales of 24 billion euros in 2013, through an active commitment to help individuals and organisations make the most of their energy.

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