

Press Release

Seville, May 9-13, 2005

Schneider Electric: Expertise in Electrical Power Monitoring

Schneider Electric is the world leader in electrical power management with thousands of systems already installed over all the continents, including Antarctica.

This field of technology, known as "Power Monitoring & Control" was launched in 1989 and is based in the United States. Over 200 people specialized in the sale and technical support of power monitoring and control systems currently work in this field.

Schneider Electric offers two ways of identifying problems related to the quality of electrical power:

- temporary power quality metering by identifying quality events in steady state (power factor or harmonics),
- continuous metering such as power quality monitoring using the PowerLogic® system which identifies short-term disturbances (voltage or over-voltage sags, transients, power cuts) and validates the quality control solutions implemented.

The PowerLogic® Power Monitoring and Control Systems allow savings:

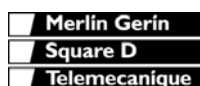
- of 2 to 4% on utility bills through knowledge of where and how electrical power is consumed to avoid consumption peaks and futile penalties, and spread costs by team, division, product or cost center,
- of 2 to 5% on operating costs by optimizing consumption (identifying excess capacity, monitoring equipment to optimize asset use, comparing performance on the different installations to identify the most efficient and cost-effective sites or divisions) and by phasing out the purchase of unnecessary equipment,
- on at least 10% of resources thus offering similar productivity increases through less downtime.

The **PowerLogic®** systems integrate all intelligent power network devices through standard communication resources and powerful software.

A system can include:

- meters with power quality improvement functions
- SEPAM relays
- Micrologic control units
- power line communication (PLC).

Press Contact Schneider Electric
Véronique Moine
Veronique.moine@schneider-electric.com
Tel. +33 (0)1 41 29 70 76



www.schneider-electric.com
ISIN: FR0000121972

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The PowerLogic® system is based on Transparent Ready™ solutions: intelligent devices, single communication network, permanent availability of data. It can monitor several sites and group data into a single report. It can also control other utilities like water, gas and steam via meters and PLC entries.

Power monitoring is a continuous process

Data is gathered using meters and other devices monitoring the system and communicating with the software. They are transferred by the Internet, stored on the "Serenity" platform, or the "Enterprise" platform for North America, and then processed.

By analyzing these data, improvement opportunities can be identified. These opportunities can then be turned into real savings through operations based on actual data.

Measuring and controlling electricity consumption is therefore the key to managing investment in electrical power. With the PowerLogic® power monitoring and control system, it is now possible to optimize return on investment on all electricity costs in the short- and long-term.

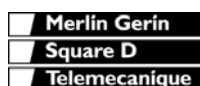
PowerLogic® is used by: Texas Instruments, Dell, ST Microelectronics, Boeing, Toyota and Nestlé...

About Schneider Electric

Schneider Electric is the world leader in Electrical Distribution and Automation & Control. Through its brands, Merlin Gerin, Square D and Telemecanique, Schneider Electric manufactures and markets a comprehensive range of products and services for the residential, buildings, industry, power and infrastructure markets. Schneider Electric has 85,000 employees worldwide, operations in 130 countries and recorded sales of €10.4 billion in 2004 through the 13,000 sales outlets of its distributors.

Schneider Electric: Bringing the New Electric World to everyone, everywhere, at anytime.

Press Contact Schneider Electric
Véronique Moine
Veronique.moine@schneider-electric.com
Tel. +33 (0)1 41 29 70 76



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