

# IT warehouse

## Data Processing Center monitoring system and alarm management

Finding out in the morning that the servers in the CED room aren't working is an experience that operators (and not only) hope they will never have to face! The damage caused can be enormous; in addition, the impossibility to be productive may occur.

The main causes are the following:

- > UPS damaged
- > Temperature increase beyond acceptable limit of equipment in room
- > Power shortage and no UPS autonomy
- > Fault at the air-conditioning plant in room CED
- > Differential switch of main panel tripped due to lighting or line disturbances
- > Thermal magnetic circuit breakers tripped due to over load or short-circuit
- > Server temperature alarm.

Preventing these problems is impossible but, being able to intervene quickly, might restore the correct operating conditions and eliminate or limit sure damages.

The X-Meter device with 8 inputs controls PT100 probes, temperature and humidity environment sensors. In addition, with GSM modem enabled, the device can be used to forward SMS text messages and Emails on the various emergency situations.

The X-Meter device meets all these features and also offers:

- > A measuring instrument with 50 true measurements
- > Monitoring function for the general power meter
- > Electrical network analyzer
- > Quality of supply: micro-interruptions and harmonics (optional)
- > Management of diagnostics and alarms, also on electric measurements
- > Memorization of temperature and humidity values in EDC environment
- > Timed management of office lights (optional)
- > Data storage about energy consumption (for more information see product sheet)
- > Representation in € for the costs of consumed energy
- > Remote reading of the consumption data on the WEB (optional)
- > Possibility to connect to the corporate Ethernet (optional)

