

Dexdyne's remote energy monitoring solution - Application note

Dexdyne RCT™ (remote communication terminal) **Sophisticated energy management systems**

For good financial and environmental reasons, management of utilities and energy in particular, is a matter of serious concern to many industrial, public and retail organisations. To achieve optimum savings while meeting environmental forecasts it is necessary to first visualise the actual consumption patterns and trends before attempting to manage energy objectives.

This is where we come in.

The **Dexdyne RCT** provides a cost effective yet flexible feature rich solution for the monitoring and control of all your energy electricity, gas, water, heat and steam. Dexdyne systems are configured to monitor multiple parameters as set by you as the user. It provides critical business data for audit and performance analysis, event monitoring, and real-time control of equipment, through a powerful graphical interface, supported by alarm and event notification by SMS messages or email.

A single Dexdyne RCT unit can be used to manage multiple energy meters and pulse capturing devices. An overview of all site locations can then be viewed via our user friendly Enterprise Dashboard from any device in real-time.

Dexdyne's RCT has GPRS/3G/4G/ADSL based communications options. Combining this with state of the art power meters, wireless pulse counters, CTs and VTs provides a complete end to end solution for energy monitoring and control.

Whether you're updating legacy equipment or installing new sites, our systems and web services will provide the sophisticated technology benefit of future-proofing your operations.

Applications

- Air Conditioning/HVAC.
- Retail Outlets.
- Boiler houses.
- Warehousing.
- Local authority facilities.
- Hospital Plant /CHP.
- Industrial processes.

Features

- Monitor up to 32 Modbus enabled energy meters or pulse capturing devices.
- Send alarm messages by SMS when target consumption exceeded.
- Metering information logged and stored in SQL database on Enterprise server for analysis.
- Automatic reports - Daily/Weekly/Monthly reports generated and sent as e-mail attachments.

Benefits

- Save money, time and resources. Improve operational efficiency.
- Be in control of your expenditure and budgets.
- Determine energy usage for sites against DEC guidelines.
- On line monitoring and tracking.

