

Energy Logging Software

Description

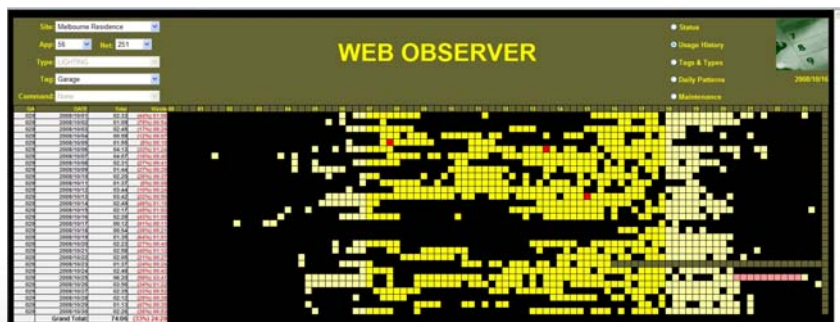
MySmart has developed a data logging and analysis system that monitors and analyses automation systems and devices. The product is connected to the automation bus network and captures usage of attached devices such as building lighting or air conditioning for example. The information collected by the system is sent via TCP/IP (real time) to an SQL server which stores the information. This information can be accessed by the client via web based interface.

These patterns allow the client to identify and reprogram, or reschedule to suit actual building use. The software provides exception reporting i.e. alerting when air-conditioning is running which should not be active or a device is used outside of predefined times. The client can remotely control devices on-line to correct anomalies. mySmarts optional scheduling software provides clients with independent control their information.

Features

- ❖ Alert notification – usage inconsistencies
- ❖ Supports numerous protocols
- ❖ Access via web or phone to control system remotely
- ❖ Total site control of all connected devices and sub-systems
- ❖ Live data display
- ❖ Automatically collects data on a 24-hour basis

This image shows the usage of each individual device on the system in time increments as determined by the client, yellow indicates items are switched on in that time period.



Applications

Use of lighting groups, HVAC groups, floor heating, pumps, refrigerators and coolers can be displayed allowing analysis and trending of emerging usage patterns. The product is suitable for any establishment with extended operating hours, ideal for social clubs, bars, hotels and sport centres.

Benefits

- ❖ Customer control of peak power usage – shutdown or limit control of sub-systems
- ❖ Substantially reduce energy costs
- ❖ Automatic controlled shut down of unnecessary electrical items when nearing peak demand
- ❖ Track and monitor which areas use power at what time – schedule system to reflect findings
- ❖ Marketing opportunity for customer – reduction of carbon footprint
- ❖ Exception reporting (alerts via SMS or email of system anomalies)
- ❖ Provides historical information for star rating schemes such as NABERS & GBCA
- ❖ Provides ongoing tangible savings as well as unexpected savings for example load reduction, reduced maintenance costs, extended life of devices.
- ❖ Can benchmark sites against industry known averages
- ❖ Multi-site licensing and ongoing customer service agreements available for peace of mind



mySmart group of companies offer energy reduction and energy management solutions for the building industry. The need to become energy efficient is paramount given the environmental and economic impacts of climate change.

mySmart supply and develop specialised products for various sectors within the building industry, including hotels, aged care facilities, and commercial developments, as well as the domestic market. Each sector has different requirements in regards to energy efficient products and services.



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