FREQUENTLY ASKED QUESTIONS

WHAT IS IT?

The Enistic System is an advanced, wireless smart metering system that allows you to measure and manage the energy use within your buildings, allowing you to get a precise breakdown of where your energy is being used on a circuit by circuit or device by device level. This is often referred to as a Building Enegy Managements System or "BEMS". With extensive, real-time, online software reporting aimed at helping factories, offices, hotels, schools and colleges it can report energy use:

- by function - for example, air conditioning, lighting, IT servers etc
- by physical location - for example, floor 3 building 5 used X kWh of energy yesterday
- by department - for example, the marketing department used 27% of the energy yesterday, or
- by person - Steve in accounts left his PC on last night and wasted £0.48

The primary function of the system is to monitor report and analyse but the system also has built-in management systems which allow it to automatically turn off systems at fixed times of the day ("Building Management System" or "BMS")

By breaking down your electricity spend into the various components it allows anyone with a desire to reduce the amount of energy they use to get a better understanding of their energy use and so provide the building blocks to allow that energy use to begin to be managed more efficiently.

HOW DOES THE SYSTEM WORK?

The system uses a wireless communication system to pass messages from the sensors back to a central piece of software that then performs the reporting, analysis and management functions. This central management system, called the Enistic Energy Manager, can be hosted online or locally. The online system is accessed via an Internet browser meaning you have no software to install.

Some of our sensors fit into the distribution board and some of them are built into handy 5 way extension strips. Because the system is wireless, it is very portable and installation is simple, with the average time between opening the box and getting management information less than 5 minutes.

The system uses a wireless signal that hops from one device to another, meaning that in large offices range is not a problem. So long as each sensor is within 30 metres of any other one of our products, the messages are passed one to another until they reach a central hub called a Zone Controller. The Zone Controller has the role of managing the network and passing information back to the Enistic Energy Manager.

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WHAT IS THE PAYBACK PERIOD?

Our case studies show a saving of between 21% and 27% per company meaning the payback period is generally 9-12 months.

WHO IS CURRENTLY USING IT?

We are leaders in this sector and have a number of blue chip clients including IBM, Fujitsu, the UK National Grid and several government departments including many of the local councils.

HOW LONG IS THE GUARANTEE / WARRANTY?

If you buy our systems outright we warrant our equipment for 12 months. If you rent it we warrant it for the lifetime of the rental period. Extended warranty packages are also available.

WHAT DO I NEED TO DO TO GET THE SMART ENERGY CONTROLLER WORKING?

The smart energy controller will need to be connected to the internet via the RJ45 port, i.e. a normal wired Ethernet patch cable.

In order for the controller to communicate with the centrally hosted management console TCP port 80 will need to be opened outbound from the clients firewall, allowing access to our portal at www.enistic.com. Enabling access to port 80 outbound is not normally a problem for corporate IT departments as this port is used for everyday internet browsing.

There is no requirement to open any ports for inbound traffic.
Proxy Servers are supported and to get an IP address for the controller, you can either use DHCP or you can set a static IP address manually. DHCP is enabled as default.

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