ENERGY CONTROLS
Metering, Measuring and Managing Resources

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G3-PLC
Smart Metering system

G3 PLC SMART System Overview

Cloud Software

DC450
Data Concentrator

Manages communications to and from 100's of meters

E450
communicates
with
DC450 via
mains network

E450
Smart PLC Meter

Available in 1-phase & 3-phase formats

RF

Water Meter

Wired or Wireless Communication from other meters

Gas Meter

RF

Heat Meter

E450 Key Features

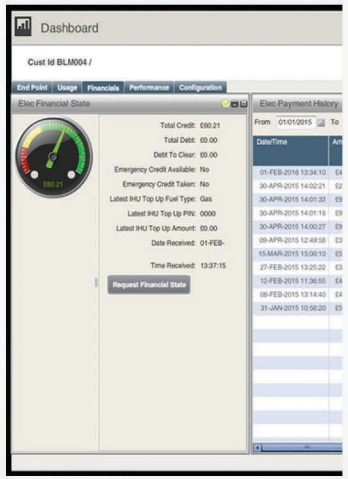
- **FREE meter communications using PLC technology**
- Available in 1-phase and 3-phase formats
- **Remote disconnect/reconnect of power supply**
- Real-time energy monitoring via the App
- Multi-Utility solution
- **Energy threshold alerts**
- Anti-tamper alerts
- **Load profiles**

Our Data services

Our Software

We provide and maintain Utility Standard software that our customers can access online 24/7.

Our Cloud based web portal enables both Landlords and consumers to monitor energy usage from our Smart Meters at any time.



Pre-payment

Energy Controls' Smart Meters bring 'Pay-As-You-Go' metering solutions into the 21st Century!

Prepaid credits can be uploaded to our SMART meters over the air using a variety of methods including:

1. **Directly from our online portal**
2. Using PayPoint retail outlets
3. **PayPoint Online**
4. Via our App

PayPoint

Our Smart software integrates with the National network of PayPoint retail outlets.

This end-to-end solution provides our customers with a truly seamless prepayment service that eliminates the need for cash handling and dramatically reduces administrative overheads.

PayPoint

Our App

We have our very own app that allows users of our Smart Meters to make energy payments anytime, anywhere, directly from their PC.

Users can download the app for FREE from the App Store or Google Play

To Find out more about our products Visit **www.econtrols.co.uk**

Testimonials

"Working with Energy Controls we have introduced a new cashless PayPoint system for the Smart Meters at our Travellers Sites. This system has been a huge improvement for the Council because not only does this mean that our staff no longer have to handle cash, the PayPoint service gives our residents greater flexibility and independence. I would not hesitate in recommending Energy Controls and their products & services".

Gypsy and Traveller Team Manager for West Sussex County Council

"Within the Leisure Industry we strive to ensure that we provide the best customer experience in the business. Making sure that our customers are charged accurately and fairly for their electricity is part of that aim and this is why we chose Energy Controls. Their Smart Meters have not only helped us to eliminate billing queries we are confident that we are saving thousands of pounds in costs previously spent reading meters!"

Development Manager, Darwin Escapes

"The way that we manage electricity is vitally important to our business and to the customer service we provide; but it can involve significant investment. With Energy Controls the entire process has been completely cost-neutral, from the supply and installation of the meters to the infrastructure and training. It's all covered by a small daily rental fee, which we can pass on to our customers through the meter."

Finance Director, Billing Aquadrome

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Who we are

Energy Controls is an award winning supplier of electricity SMART meters and prepayment metering systems. With over 25 years' experience behind us we know everything there is to know about providing the best metering solutions for sub-metering installations.

Our customers know that they can trust in us to provide them with the most accurate and advanced meters with the highest standard of service.

SMART meters – Domestic & Commercial

Our SMART meters are ideal for all types of sub-metering applications ranging from Landlord properties to Holiday Parks and Housing Associations.
We also supply Three Phase SMART Meters for larger commercial installations. Each SMART meter includes an integral GSM/GPRS modem and a SIM card to enable direct, independent communication to our Cloud based software from anywhere in the World using a standard internet connection.

AMR Meter – low Cost, accurate and versatile

The 'MainsTalk' AMR metering system is ideal for sites with multiple, concentrated, meter installations.

The MID Approved E450 AMR meter is available in either Single Phase or Three Phase versions and each meter uses PLC (Power Line Carrier) technology to enable FREE data communications along your existing electricity cables.

The Sky's the Limit!

"Energy Controls has the most versatile and cost effective range of meters available in today's rapidly changing marketplace"