

eSight Energy & Enercom supply automatic Monitoring and Targeting solution to Uniq Foods



Uniq Plc is a European chilled food producer. It makes predominantly fresh chilled desserts, salads, spreads, fish, dips, dressings and ready meals for sale in the UK and continental Europe. Uniq Plc is a major supplier to leading supermarket groups in Europe on a branded and customer own label basis.



■ The Requirement

Uniq Prepared Foods in Spalding, supplies many of the UK's leading supermarkets with a wide range of dressed snack, delicatessen and salad bar ranges.

£3 million invested in two automated production lines in 2004 has put Spalding at the forefront of automated technology.

Uniq were using a large amount of energy; in particular water which is used for the washing of food items along the production lines.

Uniq's requirements were two-fold. They required:

- The ability to measure the energy and water consumption along various stages of the production line.
- A Monitoring and Targeting application to analyse and report on the utility usage.

"eSight Energy delivered a first class solution that is so easy to use."

Keith Roberts

Site Services & Contracts Manager

■ The Solution

eSight Energy and Enercom, working in partnership delivered an end to end solution for Uniq Foods.

Uniq chose Enercom for the supply and installation of over 60 sub meters along various stages of their production line. Enercom also supplied their Multilog product, for the automatic logging of half hourly meter data. Uniq selected eSight Energy's automatic Monitoring and Targeting suite, eSight, for the automatic import, analysis and reporting of their energy data.

The combined solution supplied by Enercom and eSight Energy enabled Uniq Foods to:

- Automatically collect energy data at strategic points on their production line
- Log the ½ hourly meter data and transfer this to eSight on a daily basis
- Analyse the energy data to determine the cause of anomalies with the specific aim of saving expenditure on utility costs

■ Technology

Enercom supplied Uniq Foods with their Multilog AMR units. The Multilog units receive meter pulses from any type of meter including gas, water, electric, oil, heat etc. They convert the pulse count into a kWh energy usage figure and store the time-stamped values.

Multilog units store and continuously update the most recent sixty days worth of ½ hourly meter data. The units are programmed to download this data when requested by the host PC.

The meter read data is downloaded directly from Enercom's Multilog units and imported automatically into eSight for analysis.

The Multilog is a suitable and economic solution whenever frequent, regular and reliable meter data is required for monitoring energy or water use.



Hawkesbury partner with Enercom for the supply of both logging equipment such as the Multilog, and also the

specification and installation of electricity, gas and water meters. Purchasing a solution in this way ensures that the end to end solution works together.

"It was a pleasure dealing with eSight Energy and Enercom; a seamless partnership delivering on time and to budget."

Keith Roberts

Site Services & Contracts Manager



■ M&T Functionality

Data is imported automatically from the Multilog units into eSight on a daily basis. Uniq Foods are then able to analyse the ½ hourly data in both graphical and tabular formats.

Uniq Foods are able to store complex supplier STOD (Seasonal Time of Day) tariff information and create budgets. This enables the energy data to be represented in monetary terms.

Reports detailing various performance and cost aspects of Uniq's energy usage can then be scheduled for automatic distribution throughout the company, via email.

■ About eSight Energy

eSight Energy specialises in the supply of **aM&T** solutions. Built upon the very latest Microsoft technology, eSight is our fully browser based energy monitoring and targeting suite.

eSight may be used in conjunction with other products from eSight Energy for the collection and transfer of data between sites.

Please contact eSight Energy if you would like to receive further information about eSight, data collection, data logging, meters, manual meter reading solutions, or pricing and licensing options for your organisation.

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