

Pfizer Ireland selects eSight for automatic Monitoring and Targeting and integration of energy data



Pfizer is the world's leading research-based biomedical and pharmaceutical company. Operating in over 150 countries and over 25 languages, Pfizer is a globally recognised brand. With a stated mission of applying innovative science to improve health, Pfizer is responsible for some of the world's well-known and life saving medicines and spends \$8.1 billion a year on research – more than any other company in the world. The research, development, manufacture and marketing of its medicines is carried out across numerous global locations by over 85,000 employees.

■ The Requirement

As part of its commitment to a healthier world, Pfizer has a strategic target to reduce energy consumption. Pfizer Ireland identified a requirement for an automatic Monitoring and Targeting solution to help achieve this locally. They require a solution that integrated data from separate monitoring and metering systems into a single accessible automatic Monitoring and Targeting software suite.

Due to Pfizer's strict requirement for zero impact on their IT infrastructure, common among pharmaceutical production plants, they required a



solution that had no impact on their network and no software installed on site.

An important aspect of the installation was that the solution could be accessed by staff from both Pfizer and also their external energy consultants.

Pfizer Ireland required a solution that could also be expanded to other sites within the group. Ideally it had to be Internet based facilitating the use and sharing of energy data between sites. It was also important that the monitoring and targeting software was both sophisticated but also was intuitive and simple to use.

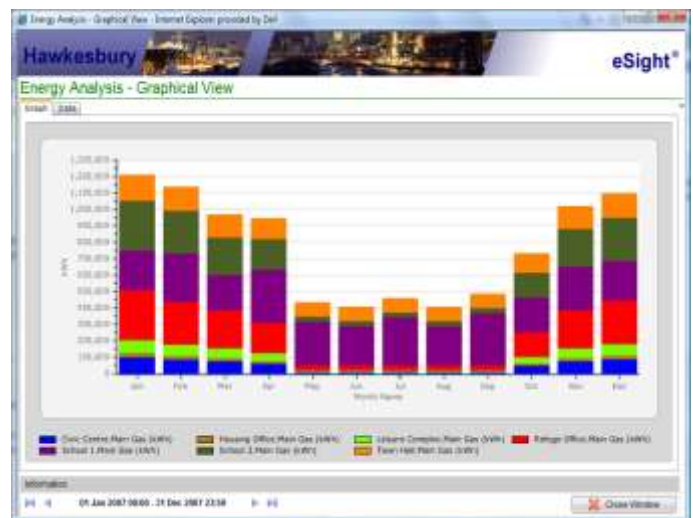
■ Metering and Data Collection

Pfizer Ireland had a wealth of energy data available within their Schneider Power Logic electricity metering system and also a PI Historian system.



15 minute interval data is transferred from Pfizer's sites in Ireland, via eTransfer, to Hawkesbury's secure data centre in Cambridge on a daily basis. Metering data is then immediately available within eSight for reporting and analysis.

In addition, Hawkesbury provided Enercom's Multilog data collection loggers for logging interval data from gas and steam meters within the boiler house. This data is transferred from the loggers to the eSight installation hosted by Hawkesbury.



"Intuitive interface and web based access means that energy management is achievable from any location"

Martin Corkery, Energy Manager
Pfizer, Ireland

"eSight provided us with a complete solution to our energy management requirements, supporting our efforts to drive down costs within our manufacturing process "

Martin Corkery, Energy Manager
Pfizer, Ireland

■ M&T Solution

The Monitoring and Targeting requirements were met using Hawkesbury's comprehensive eSight product suite hosted from our secure data centre in Cambridge. This provides full access to all eSight functionality across the Internet.

In using Hawkesbury's eSight hosting services in this way, eSight can be accessed from anywhere on the Internet giving total flexibility and ease of access. eSight can be accessed by both staff from Pfizer and their energy consultants off site.

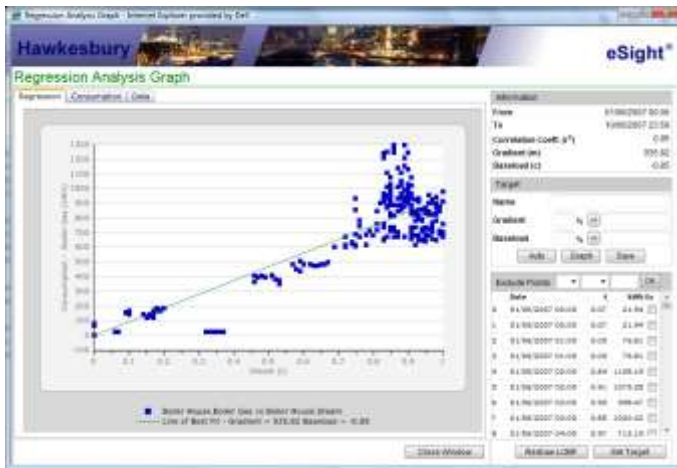
Little software has been installed on site at Pfizer Ireland and system administration including database backups and upgrades are provided by Hawkesbury.

The use of eSight has enabled Pfizer's Irish manufacturing sites to reduce energy consumption in many areas of their business. Individual projects have targeted consumption in specific areas of their business.



Using Hawkesbury's eSight product suite, Pfizer Ireland is able to analyse their energy data in many ways. These include:

- Energy and Financial Analysis
- Performance Analysis using regression, deviation and CUSUM charts
- Baseload Analysis
- Electricity Analysis including tariff rate analysis, load factor and maximum demand analysis



In addition, analysis charts and bespoke reports can be scheduled for distribution by email. Pfizer Ireland is part of the 14000 energy reduction programme and specific reports have been developed to assist this initiative.

Alarms and exception reports can also be created to alert key personnel when energy consumption steps outside specific targets. Reports can be automatically attached to emailed alarms to highlight possible causes of energy overspend.

■ About Hawkesbury

Hawkesbury 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 Hawkesbury for metering, collection and transfer of data between sites.

Please contact Hawkesbury 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.

eSight is a registered trade mark of Hawkesbury Consulting Limited.