



# St. Faith's school demonstrates Optimal excellence in energy monitoring information



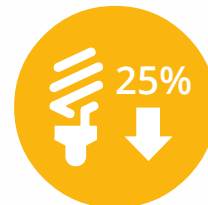
St Faith's, an independent preparatory school in Cambridge, is demonstrating excellence in achievement when it comes to increasing energy efficiency and reducing cost and waste. Committed to finding sustainable solutions and reducing carbon, the school was awarded the prestigious Ashden School Award in 2014, the first independent school to do so.

For over five years, St Faith's has employed Optimal Monitoring, experts in delivering Energy Monitoring, Analytics and Reporting Software, to enable smarter decisions about utilities, energy consumption and the impact on social responsibilities. Installed following a recommendation, Optimal's energy monitoring and reporting software is utilised by the school as an information tool, providing real time data and historic comparisons in electricity, gas and water usage.

Richard Brent, Bursar at St Faith's, believes energy awareness generated through monitoring can effectively reduce costs and consumption by highlighting bad habits and encouraging behavioural change. "Following installation we quickly realised that the Optimal software is particularly good at presenting information in a simple, graphic and pictorial way". Thus children and staff have become actively involved in the process of energy reduction. Pupils easily access information in

## RESULTS

2011-2014

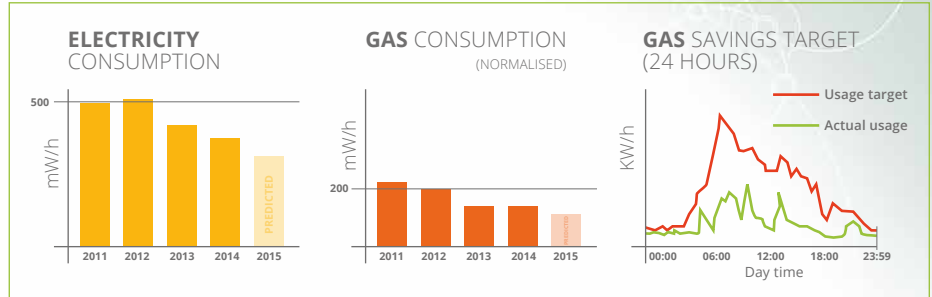


Electricity spend down 6% year-on-year



class, compare week on week activity and view daily real time graphs and data. This increased energy knowledge is backed up by nine dashboards located around the site - allowing staff and pupils to view regularly updated information on school energy usage.

These real metrics are used by St Faith's to drive reduction home. Monitoring different buildings and understanding the difference in gas and electricity use has made it possible to work out and achieve real financial gains. In the last academic year alone, electricity usage has reduced by 13% and gas by 23%. One great success has been the school kitchen – which has the highest electricity use. Daily and

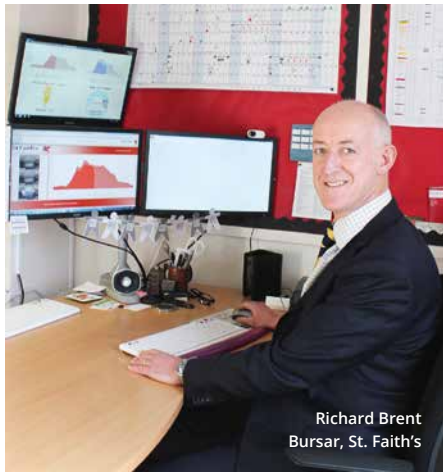


weekly data comparisons have led to simple alterations, such as food counter and air conditioning timings, allowing staff to effectively reduce electricity usage. In fact, the school's electricity spend is down year on year by 6%.

As Richard Brent points out "To measure is to manage and you can't do either if you're not monitoring". From lights left on overnight to software not powered down over the weekend, the school benefits from "the communicative consumption information" that the Optimal System provides. Alerts generated by unexpected activity such as gas heating at the weekend, have seen problems rectified immediately rather than spotted on an inflated quarterly bill.

Employing Optimal's energy monitoring and reporting software as an information tool, The Optimal Monitoring System has allowed

St Faith's to manage the way they use energy and therefore to manage consumption levels. Richard Brent is continuing to expand the system and says Optimal are "very receptive to ideas". He is currently talking to them about future plans to use all data to build a yearly carbon profile.



Richard Brent  
Bursar, St. Faith's



WATCH THE INTERVIEW WITH  
RICHARD BRENT, BURSAR, AT:  
[WWW.OPTIMALMONITORING.COM](http://WWW.OPTIMALMONITORING.COM)

EXAMPLE DASHBOARDS



Optimal Monitoring are specialists in the design, creation and delivery of Energy Monitoring, Analytics and Reporting Software.

With over twenty years of industry experience, UK based Optimal Monitoring enables organisations to make smarter decisions about utilities, energy consumption and the impact on corporate social responsibilities.

Optimal's Energy Monitoring and Reporting Software processes real-time data from the manufacturing, logistics and business industries through to councils, hospitals and schools.

Optimal Monitoring creates value by gathering, analysing and organising disparate, fragmented energy data tailored to specific business sectors. A non-invasive retro fit, Optimal's adaptable energy monitoring and reporting software is both intuitive and proven to deliver a return on investment.

Fully accredited and with an impressive list of clientele, Optimal Monitoring have teamed together with their business partners to ensure a professional and dedicated service offering high-level specialist advice and support at every stage.

ABOUT OPTIMAL

EDUCATION • FACILITIES MANAGEMENT • MANUFACTURING

To discover how Optimal can deliver energy savings for your business, telephone: **+44 (0) 1494 435106**

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