SystemsLink provide a fully featured and cost effective energy management solution

The Energy Manger software has helped underpin a wide range of projects and tasks for the University of Reading. To find out how Energy Manager could help your organisation contact us on 01234 834650 or sales@systems-link.com

Keeping Energy Usage in Check

With the help of SystemsLink's market leading software the University of Reading is able to easily monitor and therefore control energy consumption across their growing campus

Frequently when corresponding with SystemsLink customers we find that the Energy Manager software is used in a multitude of ways with a wide array of results. Often the core elements remain the same; processing of invoice data from suppliers and handling Half Hourly data. It is what these data streams can achieve that can add benefit to organisations.

For Jo Burton, Energy Analyst at the University of Reading, it is our Smart Spaces module which has benefited her job role significantly. "We have ISO 50001 and the data monitoring and targeting requirements of that are mostly done through Energy Manager" explains Jo. "The two sides of that are measuring savings from investment projects, which I verify using data downloaded from Energy Manager, and the day-to-day monitoring of energy which we do through batch validation and Smart Spaces."

Smart Spaces works by taking your AMR data, processing through the SystemsLink data collection service and feeding it into the Energy Manager software. The customer can configure bespoke thresholds per meter, creating an email alarm to end users and alert them to potentially wasteful use of energy. With a focus on increasing energy efficiency, the accreditation for ISO 50001 can be key to environmentally conscious organisations. However the handling of the data was an issue that Jo was keen to ensure was as streamlined as possible.

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"Before having Smart Spaces we had a clunky process that wasn't easy to manage" Jo tells us. "One of the fundamentals to ISO 50001 is continuous improvement. We used to use a Custom Excel report on an isolated building for particular dates and it would do seasonal profiling to compare against previous weeks or previous years. Smart Spaces has made it much easier. We don't have to limit our priorities now. Everything that we want to look at we can, you just turn on the alarm. The prioritisation part is now just what alarms come into my inbox."

The system run by the University of Reading is unusual, with a main meter feeding the campus with hundreds of sub-meters structured underneath. Although Smart Spaces is having a significant impact for Jo through the automated processing of AMR data and emailed alarms, there are others that also benefit from the Energy Manager software within the University.

"Several people across the University have access, mostly to provide meter readings or run reports. Our Utilities Finance Administrator processes invoices within the system via EDI files, and uses the batch validation function to monitor anomalies. Recently we have started feeding the data from Energy Manager into a third party package too, pushing the data straight onto our website which is all automatically linked and is publicly available"

The University or Reading website has an impressive map display that allows drilling down into individual site usage, including cost comparisons for energy consumptions. As Jo says, the software provided by SystemsLink underpins the University's understanding and handling of energy.

As well as smoothing out processes the Smart Spaces module has given Jo peace of mind that even if she isn't interrogating the data constantly, the system is.

"I'm confident that I don't have to be looking at something and still know that it is ticking along well, the alarms are there and the system is checking it even if I'm not. It is both time-saving and has increased our scope."

"All of our energy management data goes through the system. Although we have other platforms, supplier systems and AMR databases, Energy Manager is where it ends up. If the energy data exists, we feed it through Energy Manager."

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Contact us

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