

CASE STUDY - Buro Happold

THE CLIENTS REQUIREMENT..

Elcomponent have been a major force in the supply and installation of Automatic Sub-MeterRing Systems for many years, and have just installed their 500th system.

The milestone was reached with a multi-utility package provided for the West End offices of leading consulting engineers Buro Happold.

THE SOLUTION..

Elcomponent has designed and installed both hardware and software to allow a floor by floor breakdown of all major loads including heating, lighting, and A/C plant. Buro Happold are at the leading edge of sustainable design for the built environment, and naturally their own energy and carbon efficiency is a top priority.



Rai Gaidys
Senior Installation
Engineer

Elcomponent have a great deal of experience in providing retrofit solutions for sub-metering, but according to their lead installer Rai Gaidys, the job was a challenging one...

“The client’s specification was clear, but implementing it meant we had to bring a large number of small loads together to provide the required data. Fortunately our latest meter designs provide so much additional flexibility we could deliver the system ‘as required’ within budget and with no supply interruptions”.



This new meter technology employs much smaller and lighter current transformers which are not only easier to fit into tight spaces, they also use much lighter gauge cables, and can be connected in multiple without any additional bulky ‘summation’ hardware - just one of the reasons why Elcomponent continue to offer the best performance and best value in automatic sub-metering systems.

Although the 500th installation was in a commercial building, the company has recently signed off systems in the Higher Education sector at Kingston University London, the manufacturing sector at Ball Aerocan in Devizes, and for the NHS at the Hywel Dda Hospital in South Wales.

