

Building Management Systems



The company not only designs, manufactures and installs, but also commissions and maintains integrated energy management systems for the control of electrical equipment in buildings, including lighting and power, heating, ventilation and air conditioning.

As one of the largest systems integrators in the South West for Trend, Cylon, TAC and Mitsubishi, we are able to provide a tailor-made solution for Clients. We are also a Mitsubishi Electric Automation Systems Solutions Provider.

Streamlined Maintenance

Our protocols have also been designed to talk to the leading air conditioning equipment manufacturers including Mitsubishi, Daikin and Toshiba, which now enables precise information to be read from equipment located across the whole of the UK and Ireland. The ability to easily change temperature setpoints and identify faults immediately they occur, not only allows maintenance engineers to be armed with the exact parts to make repairs, but also empowers clients to make fundamental and important decisions regarding their energy consumption.

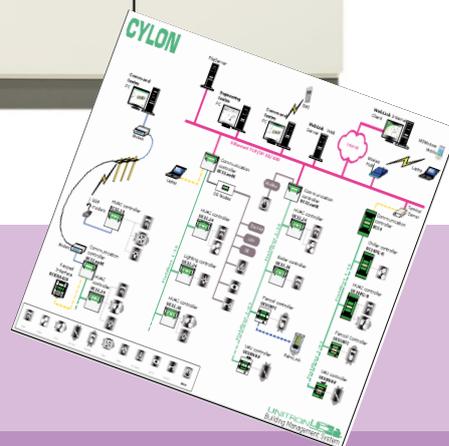


Energy Efficiency

The Carbon Reduction Commitment (CRC) has forced businesses to think very seriously about energy efficiency. Our building management systems can help companies to minimise the impact of this levy by using our unique energy management tools to highlight energy consumption of Electricity. Consumption of gas, water, steam, chilled water and compressed air can also be reported.

Bureau Service

For the larger installations, a remote monitoring and control bureau service is available. This uses ISDN or TCP/IP connectivity to keep watch on the systems at each site. In this way we can ensure services are performing safely and with maximum energy efficiency. (See The Unique BMS Suite data sheet for more information).





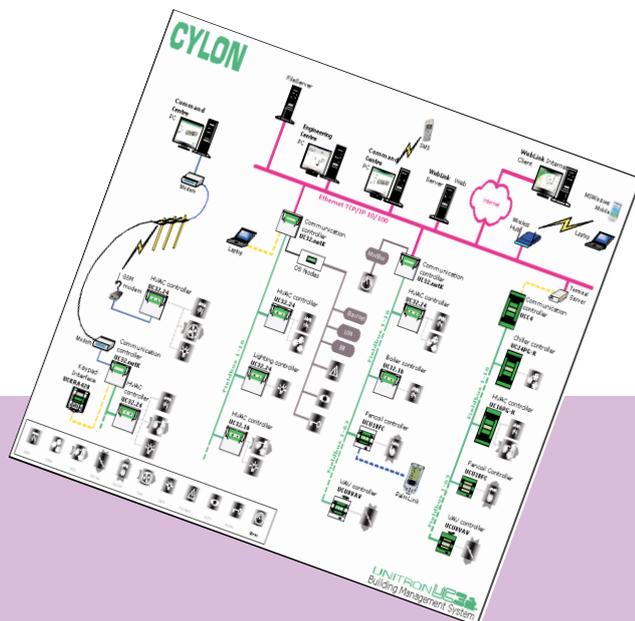
Case Studies

Some of our clients who have so far discovered the benefits of this approach to energy management and are capitalising on it include Next, Boots, Russell & Bromley, Argos, Alliance & Leicester, Pizza Hut, Choice and many other retail chains. The system is also popular with facility maintenance companies such as Planned Maintenance and Faceo.

For Next Retail (below), Severn Controls has installed energy management control systems in some 400 stores to date. Each store's system is controlled remotely from our own monitoring centre. Heating, air conditioning and lighting are adjusted to maintain ideal working conditions and a pleasant ambience for customers, whilst keeping energy usage to a minimum. As much as 24% energy savings have been achieved. The system also incorporates timeclock adjustments for exceptional trading times etc., e.g. bank holiday sales.



Building Management Systems installed by Severn Controls at Delphi's Stonehouse factory and offices have greatly reduced maintenance, cutting energy usage by around 10 per cent and correspondingly reducing the Carbon Fuel Levy Charge payable by the company.



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