



## Overview

United Utilities' new shared services building, Grasmere House at Lingley Mere Business Park in Warrington is enjoying the energy-saving benefits of a Spectrum lighting control system from Greengate.

Providing over 4,300 m<sup>2</sup> of floor space, the new building features large areas of glazing and will make very effective use of daylight, a factor that contributed to it gaining a 'Very Good' BREEAM rating. Effective lighting management also makes a major contribution to the building's environmental performance.

During the base build phase a Spectrum Lite system was fitted and this was subsequently upgraded to a full Spectrum system during the fit out, enabling United Utilities to take full advantage of the advanced functions. These include daylight dimming in office areas to exploit the natural daylight to the full, as well as occupancy control in meeting rooms.

This approach proved particularly flexible because it enabled a low cost base build with the inherent flexibility to upgrade the system with minimum changes during the fit out.

Another major benefit of the system is that it is easy to maintain without relying on pre-defined product addresses, thus facilitating the management of spare stock.

The lighting is controlled via Spectrum graphical software so that any future re-configuration can be implemented without changing the hard wiring, so that cost of ownership is lower. The ability of the Spectrum system to extend lamp life through its control of the lighting also reduces re-lamping requirements and the cost of disposal of waste lamps.

## Greengate

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