



Paul Bradbury, Energy Manager says ...

“ We were delighted to work with Invisible Systems who delivered a unique bespoke Energy Monitoring and Targeting system. For us we have achieved savings of 35% on gas and 32% on electricity. The capital investment was recovered in just 4 months ... ”

Case Study Disney European Distribution Centre

The Walt Disney Company looks to improve water and energy efficiencies in existing operations by investing in new technologies and systems that enhance water and energy conservation.

Lutterworth is the European distribution centre for the Disney retail operation, both retail stores and online operation. Paul needed a greater understanding of how the 24/7 facility was consuming it's energy in order to meet the companies environmental objective.

A key part of his strategy was to engage and inspire employees, guests and business associates to take positive action in their daily impact on the environment.



Invisible Systems designed and developed a bespoke wireless Energy Monitoring and Targeting System across the whole site using over 35 wireless sensors. The system collected real-time data from electrical meters, HVAC system, internal and external lightning circuits and the mains water supply. This data was then displayed around the site to engage employees in the topic of energy conservation. Invisible Systems are proud to be supplying Disney for over 7 years.

Using Realtime Online the following was achieved

- Baseline profile of the building operation
- Understanding of wasted energy consumption
- Influence employee behavior by communicating the objectives and successes of energy awareness
- Baseline profile of the building operation

Results

- Savings of 35% on gas
- Reduction of 32% on electric
- Capital investment recovered in 4 months