

Energy Monitoring
Business Sector: Logistics



Return on Investment
4 months

Disney European Distribution Centre

“ We have achieved savings of 35% on gas and 32% on electricity. ”

Paul Bradbury, Energy Manager

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.

Project Objectives

Customer needs:

- ✓ Water and energy efficiency
- ✓ Positive impact on the environment
- ✓ Greater understanding of energy consumption

Project Outcomes

35%
savings in Gas

32%
reduction on electric

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.

"We were delighted to work with Invisible Systems who delivered a unique bespoke Energy Monitoring and Targeting system"
Paul Bradbury, Energy Manager

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 is displayed around the site to engage employees in the topic of energy conservation which culminated in the savings achieved. Invisible Systems are proud to be supplying Disney for over 7 years.



Using Realtime-Online™ achieved

- Building baseline profile
- Understanding of wasted energy
- Influence employee behaviour
- Greater energy awareness

Invisible Systems is a software & electronics design manufacturing company that focuses on Energy Saving, Compliance and Asset management via robust RF wireless Monitoring and Energy solutions with our Realtime-Online software management portal.

Our solutions include Energy metering, Critical Asset management, Boiler Control, Water Hygiene & Food temperature compliance, plus general condition monitoring and control.