

## Eco Boiler Control System

Business Sector: Retail Sector



**24% Gas Savings**

### Leading European Supermarket Chain

“ After installation of the ECO Boiler Optimisation System, we were delighted to validate a 24% reduction in energy consumption ”

The Supermarket chain is an organisation with over 7000 stores globally and is committed to reducing the environmental impact of their business. Saving energy and reducing use of carbon fuel being the key focus of this pilot.

### Project Objectives

#### Customer needs:

- ✓ Address CRC commitment
- ✓ Reduce operating costs
- ✓ Identify waste energy
- ✓ Quick payback

### Project Outcomes

**24%**  
savings in Gas

**19**  
tonnes of carbon saved

**9**  
months ROI

# Leading European Supermarket Chain

Following a complete energy audit, it was identified that the UK distribution centres had minimal control over the boilers supplying heat to the offices and warehousing.

The Invisible Systems ECO boiler optimisation system was presented for a pilot consideration due to its ease of installation and proven results in energy reduction and carbon emissions.

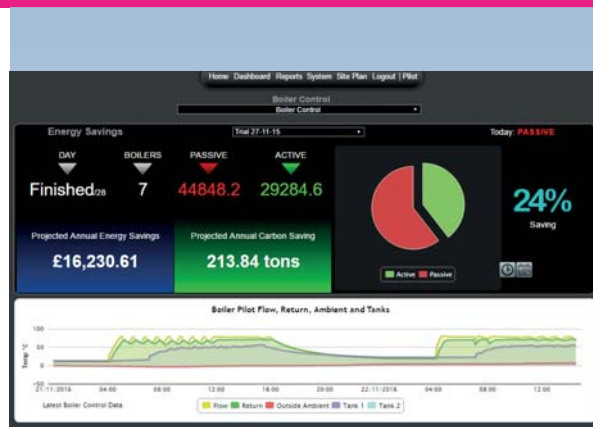
*"The system delivered a return of investment within 9 months"*  
**e-on project manager**

## Simple and Expandable solution

The Invisible Systems ECO Boiler controller uses wireless RF temperature sensors to monitor flow and return water temperatures of the boiler system. Coupled with external temperature and multiple setback control settings, savings in gas consumption are achieved very quickly.

The ECO Boiler Controller is a bi-directional, multi-function web-based wireless unit that enables a user to remotely control up to ten boilers; operate heating and hot water systems separately; monitor energy usage and provide energy and temperature profiling.

The ECO Boiler Control unit may be used in conjunction with Realtime-Online for full energy management.



## Compatibility

- Wireless RF sensors
- Condition Monitoring
- Other energy monitoring
- Realtime-Online™ web browser

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.