

## Case Study

# Office - Small



## Annual Savings Achieved

- 12.4% Electricity Cost
- £276.00
- 1.12 Tons Co2

## Payback

- 1.8 years



## Benefits

- Reductions in energy costs
- Improved efficiency
- Protect Appliances

Arena Access are a retail business employing around 10 staff and operate a small busy office dealing in security products.

The small office is serviced by an 80 amp single phase supply and operates a mixed load of lighting, refrigeration and heating.

The business originally approached PES to reduce energy costs although during consultation, they also revealed that typically, electronic appliances were failing prematurely, this was a particular problem with their LED low energy lighting, typically failing when just out of warranty.

After an initial enquiry, it was determined that the EnergyAce [Compact Voltage Optimisation](#) Home version of energy saving system would be ideal to reduce electricity consumption by 12.4%, protect all appliances and protect the low energy lighting to return the investment within 2 years and improve the business profitability.

Installation was carried out within 1 hour during normal working hours and without the need for any major changes in infrastructure.

Although payback was almost 2 years, a reduction in maintenance costs and the protection of all electrical appliances and lighting will improve the real payback considerably.

For more information on how EnergyAce can benefit your organisation, contact us now on 01695 559785, [post@pesgrouppltd.co.uk](mailto:post@pesgrouppltd.co.uk) or visit [www.energyace.co.uk](http://www.energyace.co.uk)