

Save up to  
**40%**  
on your HVAC  
energy spend

<12  
months  
typical ROI

In a typical Retail store, almost 73% of the energy spend is HVAC, Hot Water, exterior and interior Lighting, so optimising the BeMS system can have a significant effect on energy usage and waste. The opportunity to optimise HVAC, Lighting and Building energy Management Systems exists in almost every retail chain, providing a quick payback period for the organisation paying the bills.

We work with retailers providing technology and expertise to minimise the wasted energy and ensure that their facilities are running as efficiently as possible with minimal or no capital expenditure.

Optimised Retail scales with the size of your facility or estate and the energy consumed, which is then directly linked to an enablement and annual fee to ensure your retail store is not only optimised, but remains this way for the long term.

## A 20% cut in Energy costs represents the same bottom line benefit as a 5% increase in sales

Although Heating, Ventilation and Air Conditioning are all separate systems, these should be brought together as one to interact with each other, providing a conditioned environment for the building. By looking at how each element of an HVAC systems complements the other, our team of experienced engineers can fine-tune the system to optimise the performance, energy consumption and environmental conditions of the space.

The cost of electricity, gas and water is a major overhead for most retailers in these challenging times and any savings are typically welcomed by most retailers, but there are benefits beyond financial savings.

Being energy efficient helps to fight global climate change and that's a positive message for customers who are increasingly choosy about buying from green and ethical suppliers. It can also improve the store environment, making customers and staff alike more comfortable as they shop and work.

## Key Benefits

- Typical savings of around 15-20% of your total energy spend
- Typical ROI of 12 Months if optimising existing assets (includes some repairs and controls works)
- Typical ROI of 24-36 months if BeMS controls require installing
- Single supplier for all energy needs
- Experienced team of engineers who have worked with national retail clients
- Any BeMS system, regardless of manufacturer or age
- Alarm Management - real time diagnostics to manage alarms and action accordingly (reducing callouts and costs)
- Extended life of assets - less run hours
- Analytics that drive first time fix and identify energy waste quickly

## Optimised control of Door Heaters and AC systems during summer & winter periods can reduce energy consumption by up to 50%

Occupancy sensors can reduce lighting in stock rooms or offices and achieve savings of up to 50%, while energy saving modern lighting can cut energy by up to 80% compared to standard ones.

Controlling energy use often makes conditions more comfortable for customers and staff - and happy customers will be more encouraged to return.

Energy efficiency, building energy management systems, integration and energy capital projects can be challenging, time consuming and somewhat daunting for retail management teams - our team of energy experts become your outsourced energy manager(s) to take care of these on your behalf.

Optimisation is our business and 'Optimised Retail' wraps all things energy into a single proposition, based upon your needs. Providing you with a single supplier that can optimise the efficiency of your retail stores and ensure they remain optimised for the long term through technology and expertise. We do this with a joined-up approach that ensures you maximise the efficiency of each element, and that they don't compromise each other through conflicting services and strategies.

## Optimised Retail

- HVAC/BeMS Optimisation
- Energy Metering & Monitoring
- Energy Audits
- BeMS Maintenance
- Bureau Service
- Integration/Capital Projects

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## Optimisation

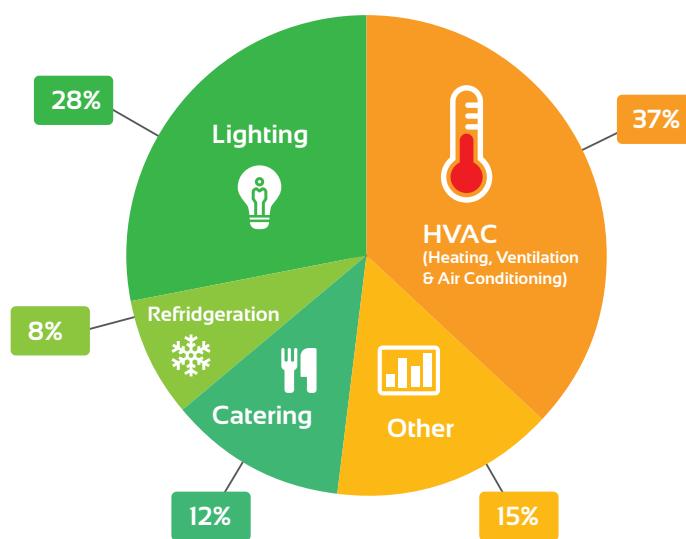
Regardless of whether your facility has undertaken extensive energy saving initiatives or this would be the first, we are confident that the savings will exist.

We will review the BeMS operation including; time schedules setpoints and control strategies along with any energy consumption data that will help us identify where energy is being wasted. We will also review the physical HVAC plant and identify areas of savings from assets configured incorrectly, equipment in manual and areas that require maintenance or repair. All of which will then be turned into a strategy agreed with the client and documented to get your retail stores back on track.

Integrating door heaters and ventilation systems along with the AC Systems can significantly increase energy savings, avoiding unnecessary energy usage and different systems fighting with each other.

Reducing heating temperatures by 1°C can reduce energy consumption by as much as 8%

## Typical energy use retail stores



73%  
of energy is Lighting,  
HVAC & Hot Water

20%  
of retailers monitor  
their energy usage



 Optimised Buildings