



**RED**  
optimise



**CAREL**

## Site Performance Optimisation

We help retailers ensure they take advantage of every energy saving opportunity, while maintaining the highest system performance.

# Energy savings, preventive maintenance, and lower system operating costs

The “Site Performance Optimisation” service brings systems to the highest level of efficiency, ensuring they operate in best possible conditions.

The Site Performance Optimisation service turns data into high-value insights for continuous improvement in the following areas:

- reducing food waste and extending food shelf life by improving the control performance of refrigerated cabinets;
- energy saving by optimising unit operating parameters, eliminating unnecessary energy consumption;
- reducing the number of alarms and consequently field service requests through targeted actions on system operation.

Even the best systems require monitoring and corrective actions over time, due to changes in the field, changes in context, and normal wear and tear.

## Site Performance Optimisation (S.P.O.)

The S.P.O. service is designed for retailers who rely on CAREL to achieve, in just a few weeks - through concrete and measurable actions, applied in multiple sites at the same time - a **reduction in operating costs due to energy consumption and maintenance**. In general, any organisation that operates multiple sites can benefit from the service, including banks, gyms, and cinemas. In particular, food and restaurant chains, where the management of refrigeration systems

is critical, are able to benefit from lower energy consumption and more stable refrigeration system temperatures.

The results obtained are then monitored to ensure they **remain in place over time**, so as to guarantee **store efficiency**, regardless of their geographical location and size.

The service is provided by CAREL's team of experts, applying the thermodynamic expertise acquired over the company's extensive experience in the HVAC/R sector and in energy management.

Advanced logics and AI support mean **the service can be deployed on dozens of sites simultaneously** for long-term monitoring.



### Instant savings

By adopting an integrated approach - managed entirely by CAREL - retailers can reduce energy consumption and operating costs without needing to employ their own specialist personnel.



### Continuous optimisation

The service includes continuous monitoring and optimisation, ensuring long-term energy and economic benefits.

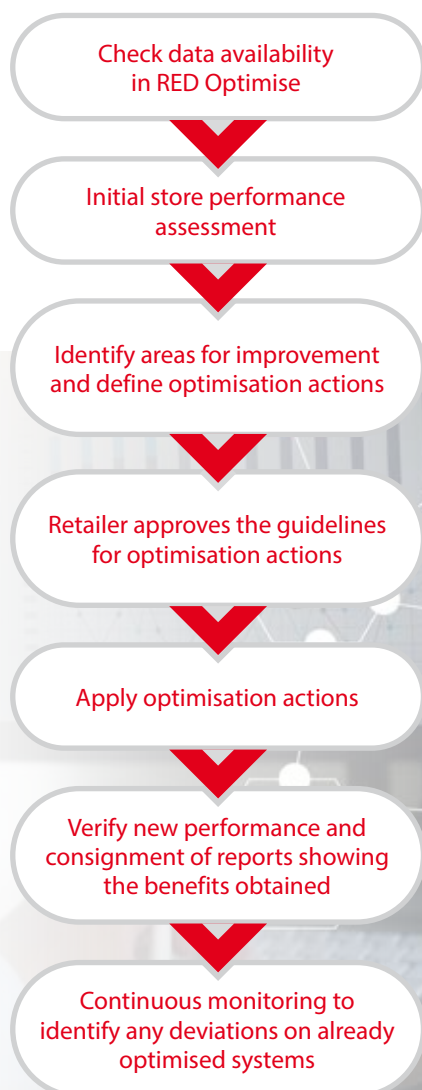


### Regulatory compliance and sustainability made easy

Improved system management for EPBD and ESG purposes, increasing overall sustainability without additional burdens for the organisation.

# How the Site Performance Optimisation service works

From initial data analysis to reporting the results, ensuring long-lasting benefits.



Store optimisation is carried out by selecting a group of sites at a time, with continuous rollout, so as to optimise the entire chain over a time frame agreed on with the customer.

After an initial assessment of each store's performance, the team identifies areas

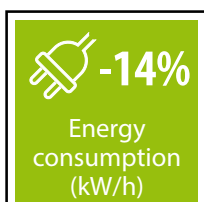
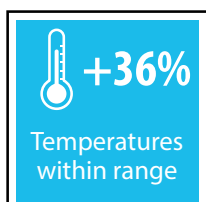
for improvement and defines the actions needed for optimisation.

The optimisation actions are managed remotely via the RED optimise digital portal, while any field checks required are performed in collaboration with the relevant service companies.



## Success story

Several of our customers have already discovered the benefits of the Site Performance Optimisation service

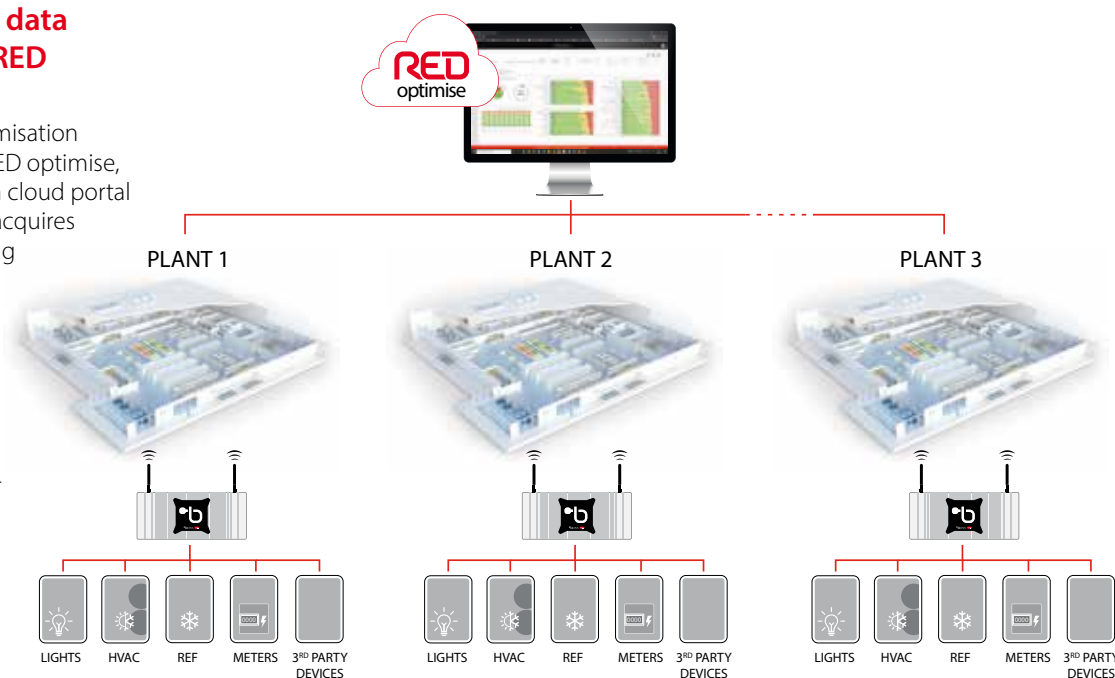


Scan the QR code to download the Success Story

# The digital platform

## Remote control and data centralisation with RED optimise

The Site Performance Optimisation service is provided using RED optimise, the multi-site centralisation cloud portal for retail applications. This acquires data from each site, allowing CAREL, the retailer and, if authorised, its service companies, to have a global view of the store chain's performance. In just a few clicks, the system provides aggregated and comparable data, useful for managing the entire chain, including access to the details of each individual store and controller.



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