

The conservation and freshness of the products are guaranteed through the precision of the temperature control and the continuous optimisation of the system thanks to the digital services and consultancy that CAREL offers its customers.

- Knowledge of the system through dedicated training;
- Improved performance through system design support;
- Guaranteed performance with proper system configuration assured during assisted configuration;
- Total control over the system through the digital platform;
- Continuous optimisation through thermodynamic and energy consultancy;

From training to configuration support and consultancy services for system performance optimisation, CAREL is the perfect partner for supporting customers throughout the entire system life cycle.

All services revolve around RED optimise, the digital platform designed to support all the key stakeholders working in the retail market. Through remote systems monitoring and data analysis, retailer departments can undertake immediate or scheduled targeted actions and benefit not only from continuous machine and system improvements, but from management and process optimisation as well.



Reduced operating costs

System management and maintenance times are minimised through automated and centralised information management and alarm categorisation.



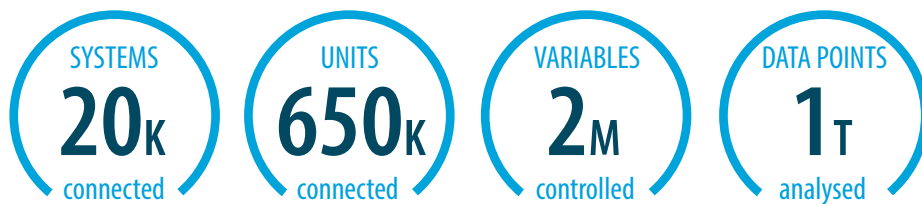
Optimisation of energy consumption

Energy use optimisation is guaranteed through efficient on-site technologies alongside active centralised monitoring, thereby eliminating waste.



Improvement of food quality

Product freshness and preservation are guaranteed through the system's precise temperature controls as well as its continuous optimisation through the digital and consultancy services CAREL offers its customers.



Since 2008, CAREL has been providing digital solutions for the HVAC/R market adaptable to customers' business models.

The number of customers choosing CAREL as their systems management partner is increasing year on year thanks to its flexible digital services based on Cloud technology which guarantees centralised management and monitoring from anywhere in the world no matter where the stores are located.



Our Retail Service Results

Using CAREL services provides customers with constant and continuous benefits: efficient operational management and effective savings translate into greater flexibility, generating a considerable competitive advantage.



RED optimise

CAREL's next generation digital services for supervising and managing store chains. RED optimise offers a sophisticated platform for centralising local information with all the functions required for total control over stores for sustainable, optimised management.

All the systems managed by RED optimise

Lighting, air conditioning and heating systems, refrigeration circuits, racks, switchboards, energy meters etc.

All these technologies, produced by various manufacturers situated all over the globe and installed by different technicians with different procedures and experiences, create an heterogeneous installed base from a configurations and performances viewpoint that they are not readily comparable.

RED optimise allows information to be centralised, regardless of the technology or protocols, and processes the required data to ensure this information is always available and easily accessible so potential anomalies or performance declines can be promptly identified and optimal conditions restored.

Guaranteed security

The architecture of RED optimise's infrastructure guarantees information protection through encrypted data, using protocols that comply with the most stringent security standards and deploying advanced network filtering.

Penetration and vulnerability tests are regularly conducted in accordance with international cyber security standards and guidelines.

Data storage in separate physical data centres with automatic backup and failover for each server as well as continuous monitoring (24/7) across the entire infrastructure ensure the Recovery Plan can be implemented if needed.

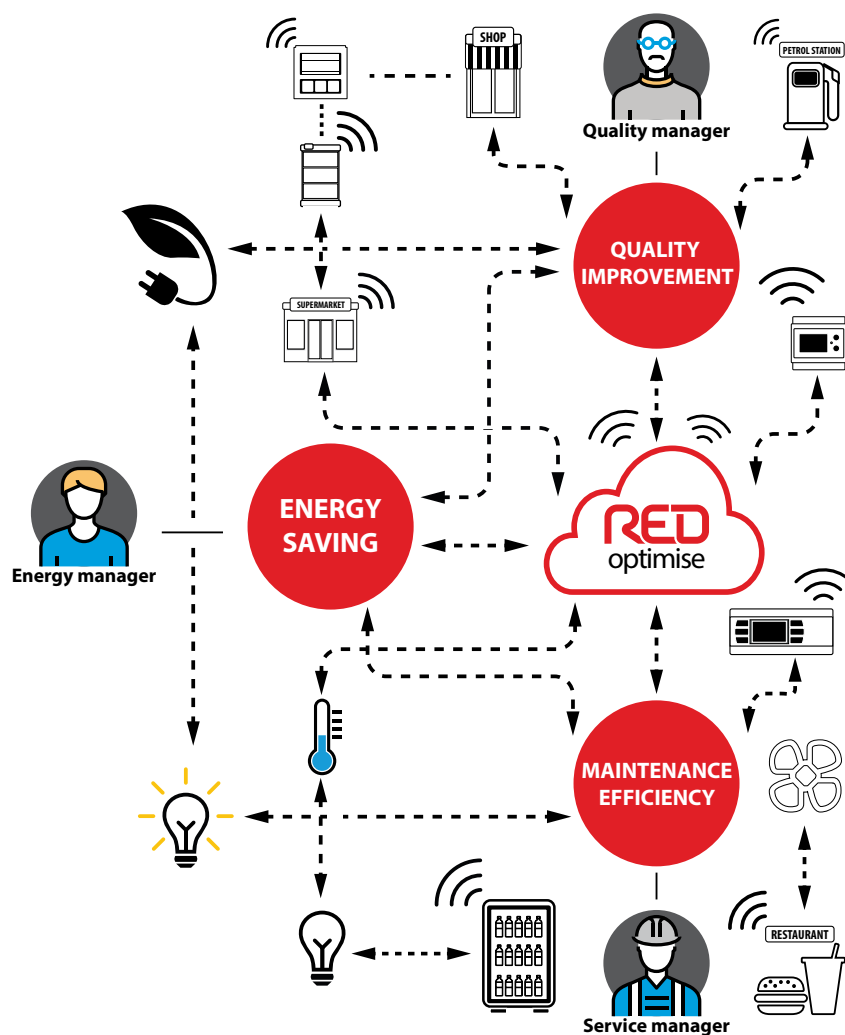




Value to information collected from all connected sites

Geolocation allows RED optimise to offer a simple and intuitive global view of the entire store chain.

From a global view to details on individual devices in just a few clicks, data from different stores can be compared to identify and analyse anomalies to be resolved or efficiencies to be replicated.



Specific information for each user

By applying artificial intelligence that can transform raw data into valuable information, each corporate department in a retail organization can find answers in RED optimise on how to improve their processes and prove the quality of their work through specific reports and analyses.

RED optimise manages portal access through user profile associations, including actions defined according to responsibilities and role functions.