

How to reduce the energy costs of a shopping mall while optimizing investment in the measuring and control system.

“ As a shopping mall operator, I must reduce my energy costs insofar as possible. I must also ensure a power supply for certain critical equipment such as refrigeration chambers, for example. But I'm obsessed by return on investment.” ”

Thanks to the **Acti 9** communication system, I can obtain improved visibility over the operation of my electrical installation to know how and where to act

By equipping the electrical switchboards with kilowatt hour meters, for each sector of the store, I can know where and when I'm consuming energy. This information can be used directly:

- to raise the personnel's awareness;
- to identify anomalies due to equipment malfunctions;
- to automate lighting control.

By equipping several stores, I can also compare their respective consumption.

With the iOF+SD24 auxiliaries, any tripping of a circuit breaker protecting critical equipment is immediately indicated to the supervision system.

This enables fast, targeted response by the maintenance team.

For some devices sensitive to unexpected or transient faults, such as the battery chargers of lift trucks, the RCA remote control allows remote reclosing in the absence of personnel and increases equipment availability.

The Acti 9 Smartlink interfaces economically perform:

- handling and processing of all information: position of circuit breakers and contactors, storage in memory and transmission of the energy consumed;
- acknowledgment of orders from the PLC or supervisor to control contactors, impulse relays and circuit-breaker remote controls.

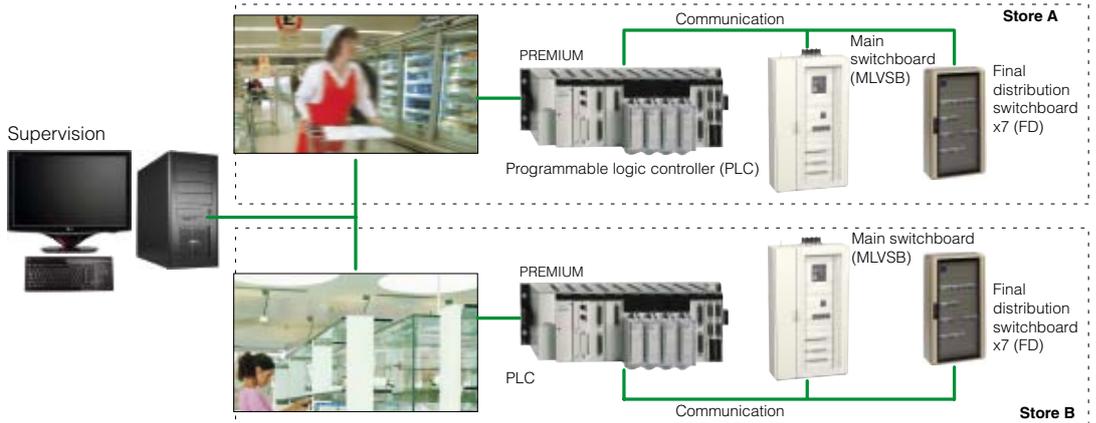


For users

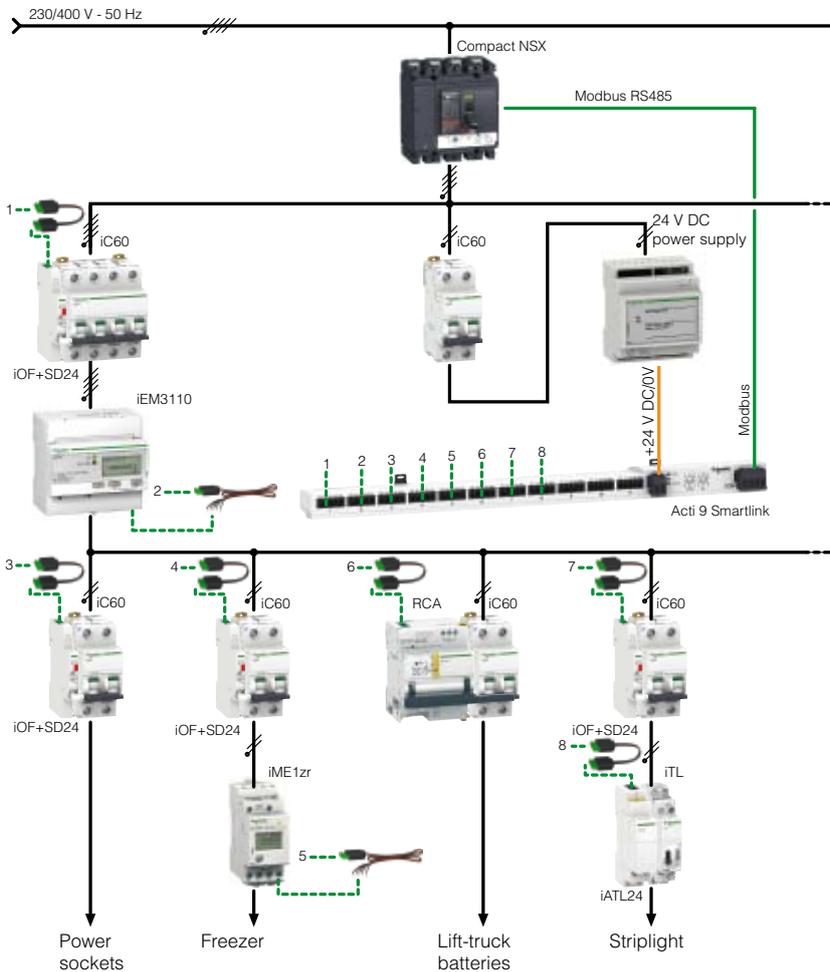
> **Reduction in electricity expenses by up to 30%** through supervision allowing targeted actions

> **Optimization of investment** with a system designed and optimized for electricity distribution, handling all the functions useful for operation.

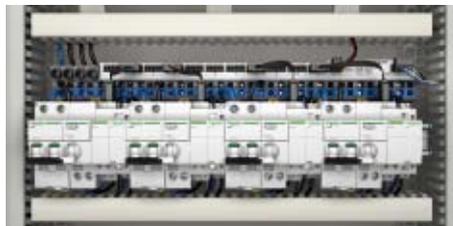
Schematic diagram of multi-site supervision



Close-up diagram of final distribution switchboard



Easy to install



 For professionals

+ Construction of a communicating switchboard meeting all the customer's needs with a universal, innovative and easy-to-install interface.

+ Easy integration of the communicating electrical switchboard into the existing supervision system. Acti 9 Smartlink uses the Modbus protocol and requires no configuration setting.

+ The built-in wiring principle allows alterations to the switchboards to be made swiftly and easily. "No more bundles of control wires which make alterations tedious".