Get total control over the consumption of your supermarket departments

"I am the owner of several independent supermarkets. In each supermarket I rent the various departments to specialized vendors (meat, fruits, cheese, wine, etc). I need a simple system to allocate consumption costs and at the same time achieve maximum savings."

Solution

- The solution is based on a system that allows each vendor to identify himself when arriving in the supermarket, by dialling a personal ID code on a keyboard.
- This deactivates the alarm and energizes the lights and power sockets of the department in question.
- Power and water consumption can be monitored via the Web.

For this purpose, the equipment used is:

- An IRIO energy server to monitor and control the facility.
- Acti 9 Smartlink, communicating power and water meters connected to a Modbus networ.
- Contactors connected to Acti 9 Smartlink for automatic powering of departments and common areas.

Benefits

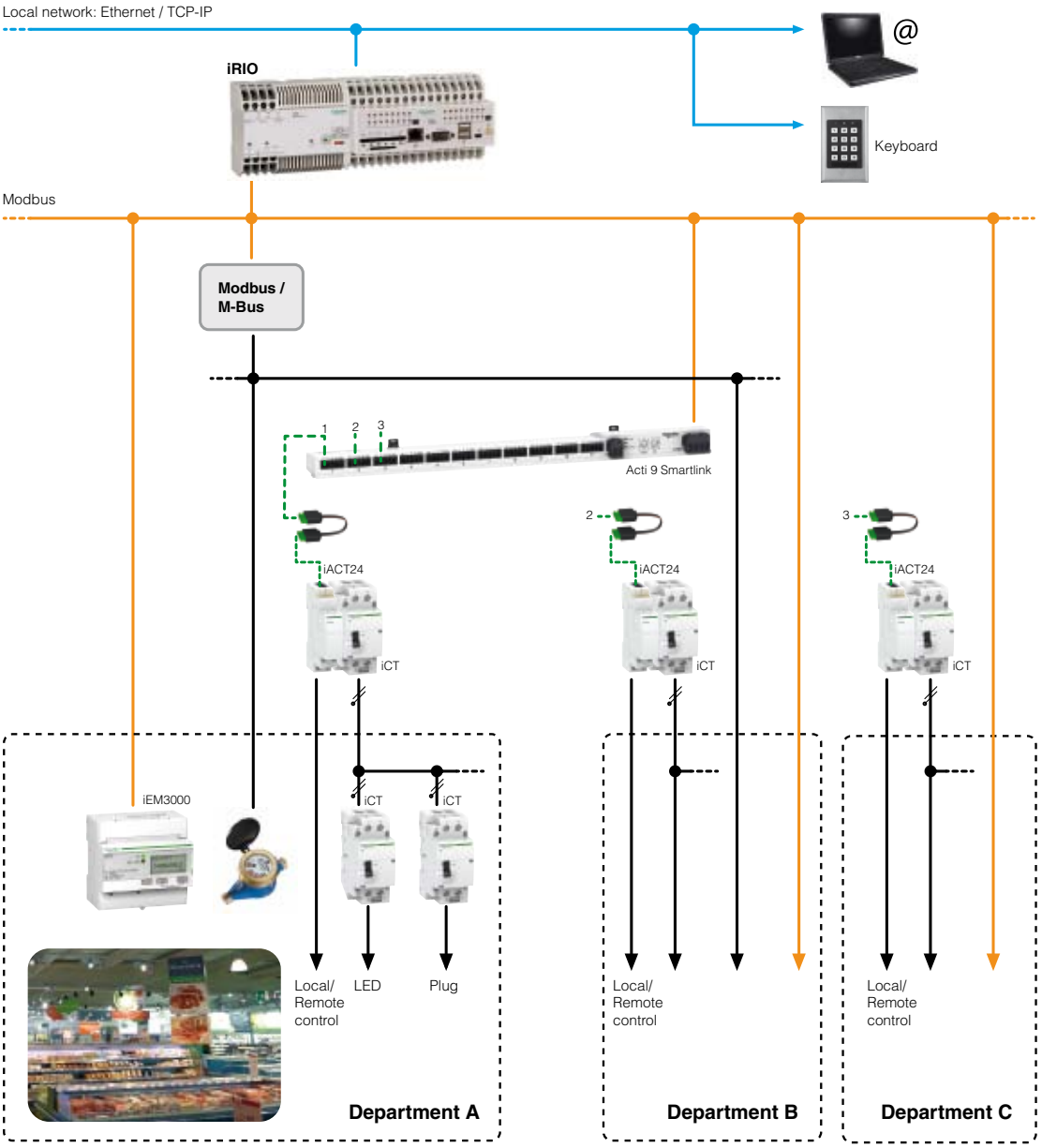
For the end user

> Cost reduction thanks to display of consumption and associated curves, accessible at any time via the Web.

> Simple automatic system to achieve cost allocation.

> Attractive place for vendors with energy efficiency values.

☑ Measure ☐ Reduce energy consumption ☐ Reduce energy costs



For professionals

+ System integrator

• Solution adapted to this simple installation which doesn't require implementing a complex system.

+ Electrical contractor

• A system that is simple to implement and easy to upgrade: "it was easy to add one more contactor even during project installation phase".

Acti 9 Smartlink can very simply connect all the switchboard equipment with a supervision and automatic control system

• Rail mounting, with a row of devices.
• Easy, fast wiring, thanks to 4 types of prefabricated connections and their one-click plug-in connectors.

• 11 channels, each performing all communications with one of the devices.
• Connected to iACT24, Acti 9 Smartlink controls the iCT contactor and obtains feedback from its open/closed position.

The iACT24 auxiliary allows control and signalling of the associated iCT contactor.