energy management SOFTWARE

CONNECTED
IP COORDINATOR

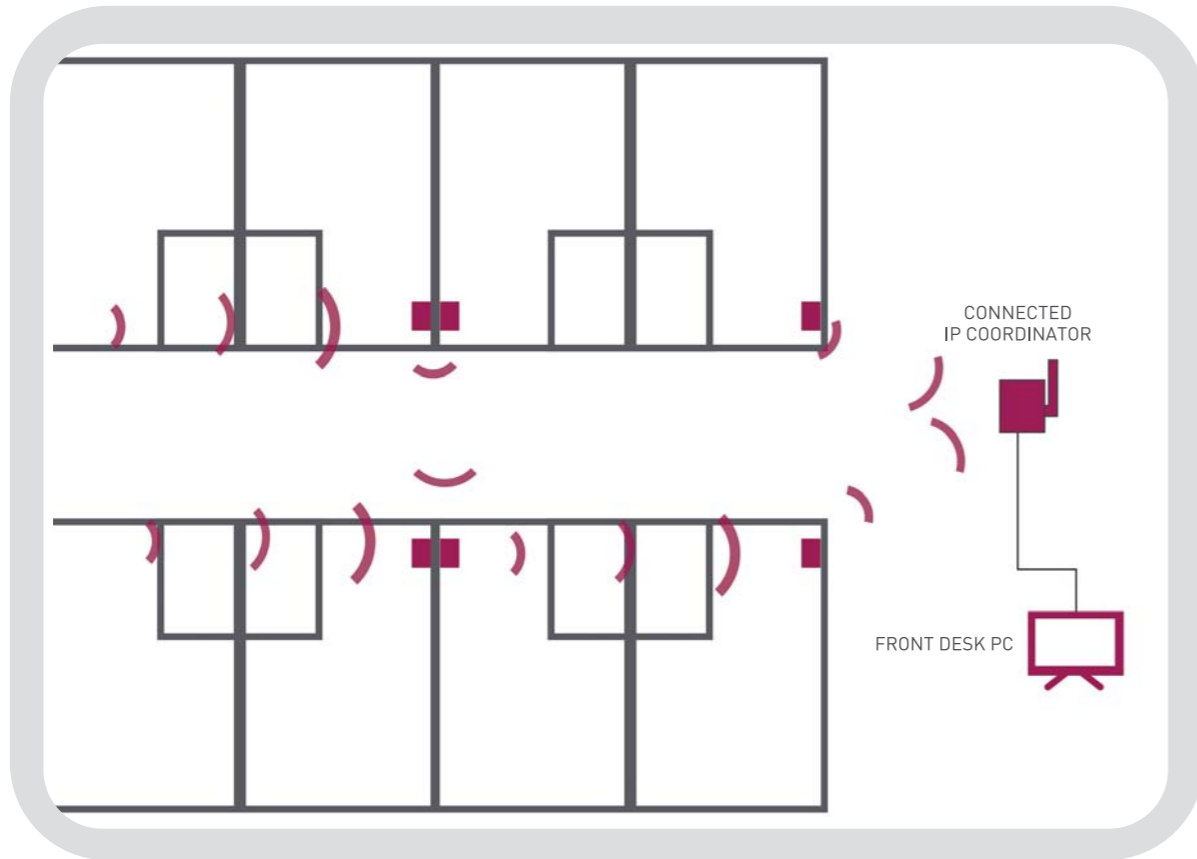FRONT DESK PC

One of the fundamental components in the installation of an **ECO·NET wireless network** is the energy management software, whose main features are:

- Modular system with possibility of installing in the cloud and local server
- Double database system, REDIS and MySQL, to ensure quick communication and persistence in the data
- RabbitMQ message queuing system software, used by popular messaging systems such as Twitter or Facebook
- Secure communication, occurring both locally and externally. Security certificates and secure ports are used for access from the outside
- System optimised to be used with browsers such as Chrome and Firefox
- Development under free software, Linux

ECO·NET

The combination of wireless devices and all their advantages, with a network of coordinators and energy management software provides the hotel with comprehensive and powerful centralised control on the reception PC.

Main advantages and their most notable features:

Remote monitoring of room conditions:
- Motion control: Room free or occupied by guests or employees
- Management of emergency alerts: Alerts received from each room on the screen through messages emerging and in parallel by email
- Rooms ready to be used: Shows the rooms ready to be occupied by guests
- Errors: Rooms with a pending repair error are shown in red
- Door open alarm: A warning is received if the door is open

Remote control of the room:
- Turn off lights or air conditioning individually, by zones or by floors
- Set maximum and minimum comfort temperature for summer and winter
- Set maximum and minimum temperature regardless of that indicated on the room thermostat
- Extend the expiry date of the card

Remote maintenance:
- Sensor battery status report
- Error communication report
- Room breakdown warnings via fault cards

Customised reports:
- Consumption per room
- List of rooms ready to be used
- Time spent by the employee in the room
- Relay activation time
- List of rooms with low batteries or with communication error