



Cassia™
Energy Management System

Make the most of your energySM

Schneider
Electric

Overview

- Comprehensive energy monitoring software and support
- Smart wireless thermostat
- Wireless motion sensor
- Wireless door contact
- 800 W or 1000 W wireless dimmer and switch options
- Wireless lamp module
- Wireless group Coordinator



Achieve More with the Cassia™ Energy Management System

In the current climate, businesses everywhere are searching for innovative ways to save energy and reduce operating costs. Nowhere is this more evident than in today's hotels and other multi-unit dwellings, which continually face major energy costs in heating, cooling and lighting.

The Cassia™ energy management system (EMS) from Schneider Electric is a revolutionary wireless in-room solution that can have a dramatic impact on all key aspects contributing to your bottom line, from delighting your guests and reducing your carbon footprint, to enjoying a rapid return on investment and helping to maximize energy savings.

- 12- to 24-month payback period*
- Average energy savings of 25 to 44% through vacancy detection and temperature setbacks*
- Fast, simple and nonintrusive installation – all components of the Cassia system employ Zigbee® wireless technology
- Scalable solutions and phased installation options to suit every budget
- Rich, intuitive energy monitoring software interface
- Real-time status for front desk and maintenance office
- Improved guest comfort with lighting control and temperature settings
- Backed by a global specialist in energy management– Schneider Electric

For more information visit:
www.schneider-electric.us/go/hotels

*The savings described represent an estimated savings-over-time and are generated from data collected by the manufacturer. Considerations include energy loads, local weather averages, seasonal adjustments, location, actual occupancy, and use of occupancy controls. Actual customer savings and duration of payback period may vary according to customer's application, installation, operation, and maintenance of the system.



Improve Efficiencies in Heating, Cooling and Lighting

The Cassia EMS works behind the scenes to ensure that your guest experience is smooth and elegant. Merging easily with your building's property management system, the Cassia system automatically triggers adjustments in guest room temperature and lighting to reduce energy waste.

Heating & Cooling

The system uses the concept of "Target" temperature settings to manage activation of heating and cooling systems in guest rooms. These settings allow the room temperature to fluctuate up or down a pre-determined temperature range. The purpose of these variable fluctuations is to ensure that the target temperature is maintained for guest comfort, while eliminating unnecessary "vacant energy expense" while the guest is out of the room.

Lighting

Inspiring moods and lighting scenes can also be created for a striking impact. Through the Cassia wireless lighting control feature, guests will be able to adjust light levels or enjoy pre-set lighting scenes. To manage energy usage, lighting can be set to turn off when a room is determined to be unoccupied.



Monitor Room Energy Use & Enhance Guest Experience

With the Cassia EMS, enjoy the convenience of customized software and real-time monitoring to enhance your energy saving capabilities. This user-friendly system also provides the added benefit of automating tasks that once drained significant amounts of time and resource, allowing you and your staff to focus on the more important values of your hotel - the guest experience.

Personalized Energy Monitoring Software

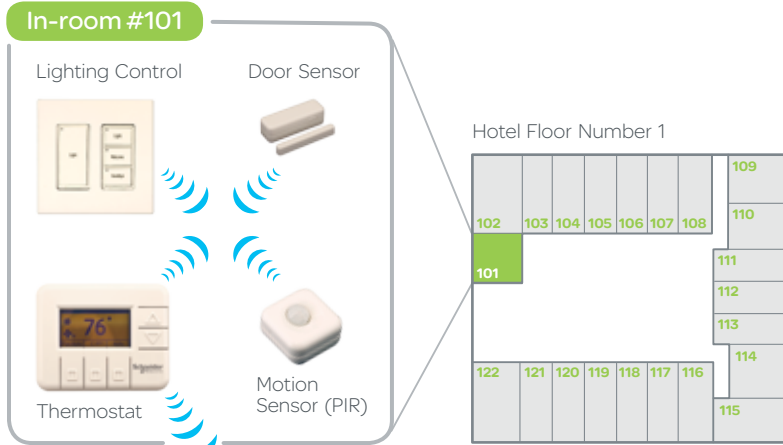
Through a secure IP address, users can easily scroll through energy usage data by room, floor or even the entire facility, with the ability to make manual adjustments to settings when required. Millions of data points are captured to create customized reports tailored to the needs of your facility. Reports or alerts can also be sent to a mobile device or inbox to enhance response time if problems arise.

A Room Your Guests Never Want to Leave

Cassia EMS welcomes guests to their room with comfortable temperatures and luxurious light levels. Guests have the flexibility to adjust light levels according to their mood, or enjoy pre-set lighting scenes for the ultimate luxury and convenience. Pre-defined temperature ranges and setback settings ensure that energy usage is managed, while still providing guests the ability to adjust controls with straight-forward and easy-to-use devices.

Cassia System Components

A rapid wireless installation, for faster return on investment.



Enjoy saving energy easily and without compromise. Your guests will be more comfortable, your staff more efficient and your hotel more profitable.

Lighting Control

Cassia lighting control includes lamp module, 800 W dimmer or 1000 W switch options. Available in black, white, cream or light almond, with one and three button options.

Door Sensor

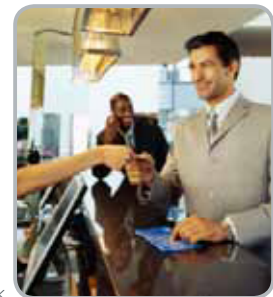
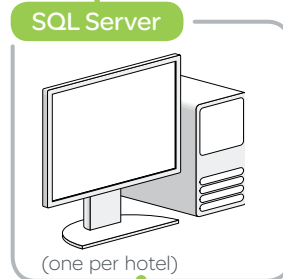
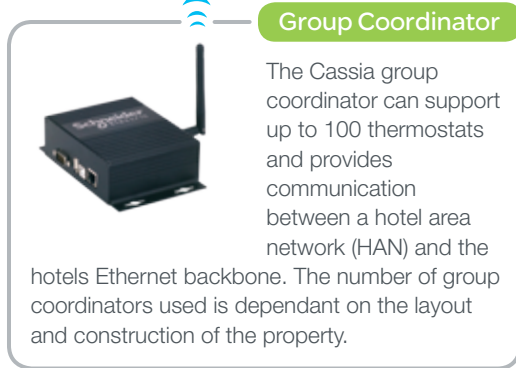
The Cassia wireless door sensor consists of a sensor unit and magnet to monitor when the door is opened.

Motion Sensor (PIR)

The Cassia wireless motion sensor uses a passive infrared (PIR) sensor to detect motion in the room.

Thermostat

The Cassia thermostat controls heating and cooling equipment in guest rooms. Each thermostat uses two independent Zigbee radios for the local room area network (RAN) within the room and the hotel area network (HAN).



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