## ☆☆☆ ★ ★ BEFORE

### 💡 Lighting ①

| | |
|---|---|
| Automatic light control | ❌ |
| Symbols on switch | ❌ |
| Master OFF button | ❌ |
| Dimming | ❌ |

### Comfort ②

| | |
|---|---|
| Central controller | ❌ |
| Smart phone control | ❌ |

### Safety ③

| | |
|---|---|
| Smoke detector | ✅ |
| Emergency button | ❌ |
| Baby monitor | ❌ |

### Audio Control ④

| | |
|---|---|
| Central Radio | ❌ |

(MP3, NAS, Smart phone support)

### Temperature ⑤

| | |
|---|---|
| Automatic detection (of open window) | ❌ |
| Overheating protection | ❌ |
| 3 Stop heating control (Fan-coil) | ✅ |

### Curtain ⑥
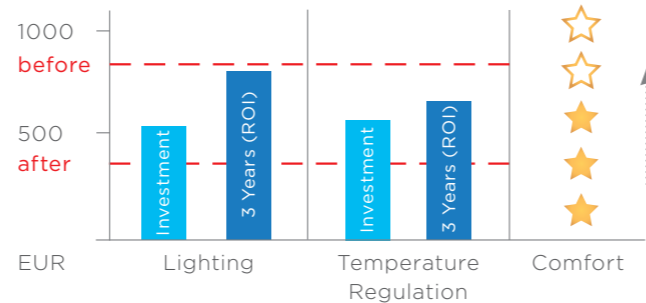
| | |
|---|---|
| Automatic | ❌ |

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## The solution

Communication between components on wireless frequencies 868–915 MHz (according to standards / regulations in the country), using a completely unique protocol RFIO (proprietary wireless protocol ELKO EP), which is unique in its structure.

### Advantages:

• Reliably transmits small data packets at transmission speeds of up to 100 kbit/s
• requires no fees or licenses
• operating frequency does not interfere with Wi-Fi /Bluetooth devices
• No unnecessary communication space taken up with unassigned commands
• Low energy communication

## Return of Investment (ROI)

Our solution is the GRMS (Guest Room Management System) for new hotels.

**ELKO ep** ®

Contact us and without charge we will prepare the solution.

**E-mail:** elko@elkoep.com
**Web:** www.inels.com/hotel

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## Hotel Room Energy Saving Kit

Costs saving, Increased comfort

**Guest Benefits:**

Comfort
Satisfaction
Easy control

**Owner benefits:**

Fast instalation
Prestige
Savings
Star ⭐

Look at demo:

**iNELS** ®

www.inels.com/hotel

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## AFTER ★ ★ ★ ★ ★

### Expected savings

**Saving 20 %**

| | |
|---|---|
| ✅ | Automatic light control |
| ✅ | Symbols on switch |
| ✅ | Master OFF button |
| ✅ | Dimming |

### Increase comfort

| | |
|---|---|
| ✅ | Central controller |
| ✅ | Smart phone control |

### Increase comfort

| | |
|---|---|
| ✅ | Smoke detector |
| ✅ | Emergency button |
| ✅ | Baby monitor |

### Increase comfort

| | |
|---|---|
| ✅ | Central Radio |

(MP3, NAS, Smart phone support)

### Saving 30 %

| | |
|---|---|
| ✅ | Automatic detection (of open window) |
| ✅ | Overheating protection |
| ✅ | 3 Stop heating control (Fan-coil) |

### Saving 5 %

| | |
|---|---|
| ✅ | Automatic |

# BEFORE

# AFTER

## Lighting

- Guest upon arrival in the room doesn't knows which switch turns on the light. You cannot turn off all the lights with one touch.
- Leaving the lights on in a room of the hotel wastes a lot of money.

## Comfort

- In a hotel room for with several controllers with different designs and several mutually non-communicating systems.

## Safety

- A lack of fire alarms and panic buttons in the rooms.
- Babysitting in the room - possibility of remote control.

## Audio Control

- Music is not available or is implemented using outdated potentiometers in the room or in the bathroom. You can only control the volume without the ability to select songs.

## Temperature

- Controls in the form of wheels are an outdated design and do not provide effective temperature control.
- One forgets to automatically turn off the heating / experience cooling with the balcony open.
- In the tropical regions there is no overheating protection installed.

## Curtain

- Curtains without automation are often heavy and during manual manipulation can drop of the rails.

NO COMFORT

MANUAL

## Lighting

- **Wireless Wall Switch Control** displays symbols for lights, blinds / curtains, wall outlet. MASTER OFF button turns off all the lights in the room.
- When leaving the room, **Motion Detector** sends the command „Off delay" and the lights turn off.

## Comfort

- **RF Smart Wi-Fi Box** using a smartphone takes care of the temperature, lights, power outlets t and music and always just using one controller.

## Safety

- **Wireless Smoke Detector** immediately upon detecting smoke triggers the siren, and in conjunction with a smart phone issues an alert when the alarm is triggered.
- To monitor even the smallest thing in the hotel the **iNELS Camera** is at the ready.

## Audio Control

- **Audio Control switches** which fit perfectly into any interior with a choice of 36 design options of frames. It has a colour OLED display. Forty pre-set radio channels, plays music from your smartphone and music from the hotel's NAS storage.

## Temperature

- Combination **Temperature Controller** and switching component, Fan-Coils are used to control the temperature in the room.
- Automatic open windows, turn off heating / cooling.
- Element **RFSTI-111B** monitors the maximum temperature in the room and protects it against overheating (appliances, furniture and other equipment).

## Curtain

- Rails can be automated through the twilight Switch **RFSOU-1**, which responds to sunrise and sunset. The rails can also be operated using the **Central Touch Control**, **Smart Phone Control** or **Wireless Remote Controller**.