Creating intelligent, sustainable environments
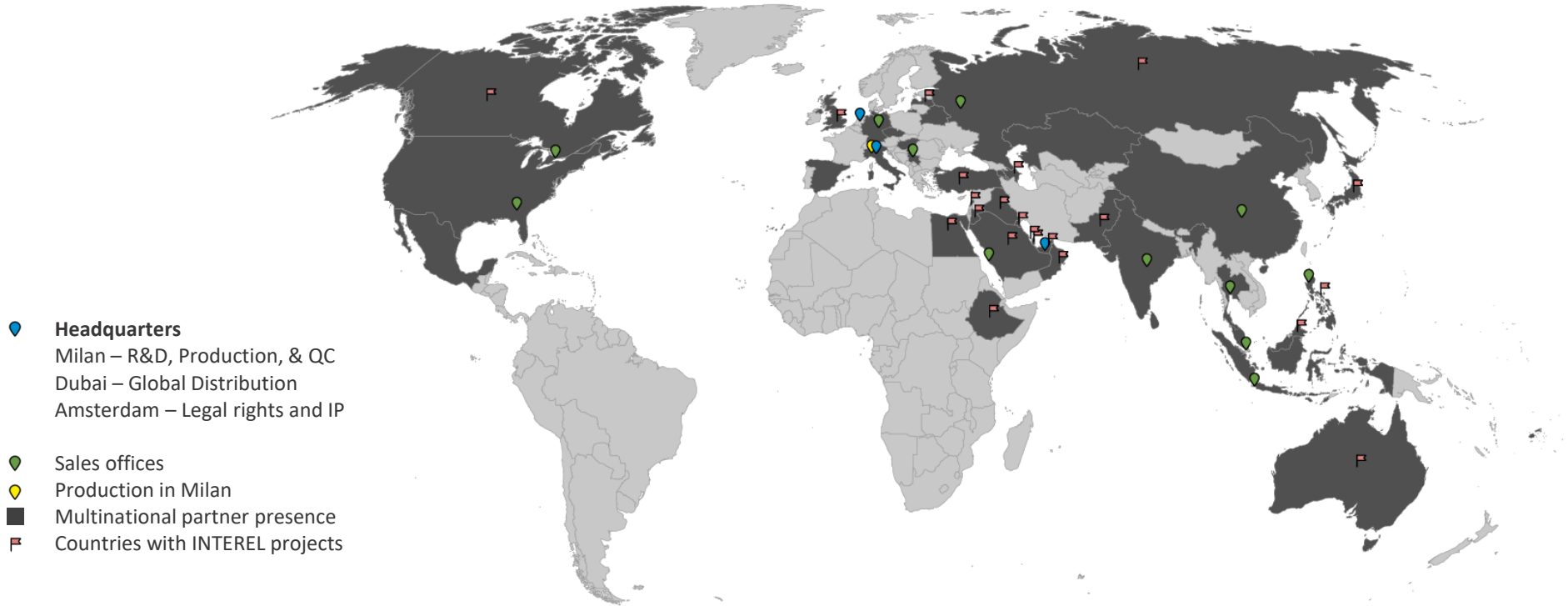
INTEREL
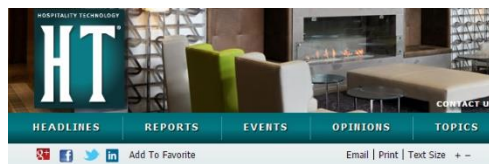
Section 1

Our Company

A global technology partner

Headquarters
Milan – R&D, Production, & QC
Dubai – Global Distribution
Amsterdam – Legal rights and IP

Sales offices
Production in Milan
Multinational partner presence
Countries with INTEREL projects

Industry recognition for design & innovation

**Winner @ HTNG
TechOvation Award 2016**

Read full article

**Winner @ HTNG
TechOvation Award 2015**

Read full article

**HTNG TechOvation
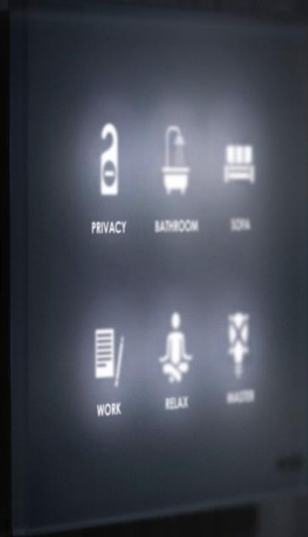Award 2014/2013**

Read full article

A selection of our hotel clients

INTEREL

Section 2
_____

**Product overview
GRMS, EMS, & WMS**

Guest Room Management System

Online guest room controls for lights, temperature, & services to enhance the guest experience while optimizing energy management.

Control Panel Advantages

1 Tempered glass

2 Mix of icons & text

3 Backlit icons for easy use at night

4 Multi-color status LED

5 Dimmable luminosity

6 Built-in Motion sensors (PIR)

7 Multi use panels: Lighting, Air Con, Guest Services

8 Multi-standard wall mounting – 98x98 or 128x98

9 Global compatibility to electrical & mechanical standards (fits all international backbox varieties)
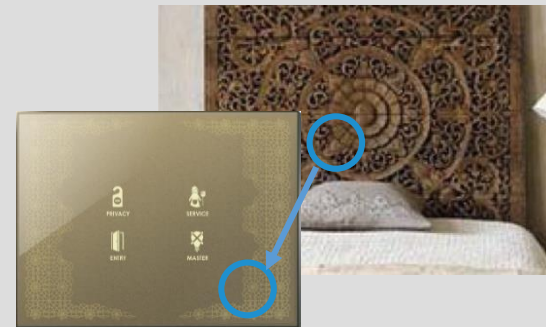
Complete Design Customization

Colors

- Choose from 700+ RAL colors

Patterns

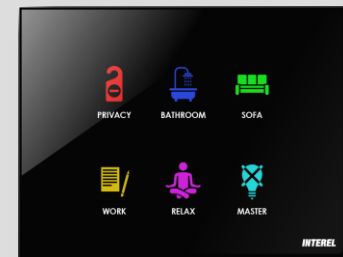- Ability to incorporate logo or pattern prints from FF&E

Text/Language

- Text can be multi-lingual
- Customized font size & style to meet brand standards

Backlight

- Every button can change 6 different colors +
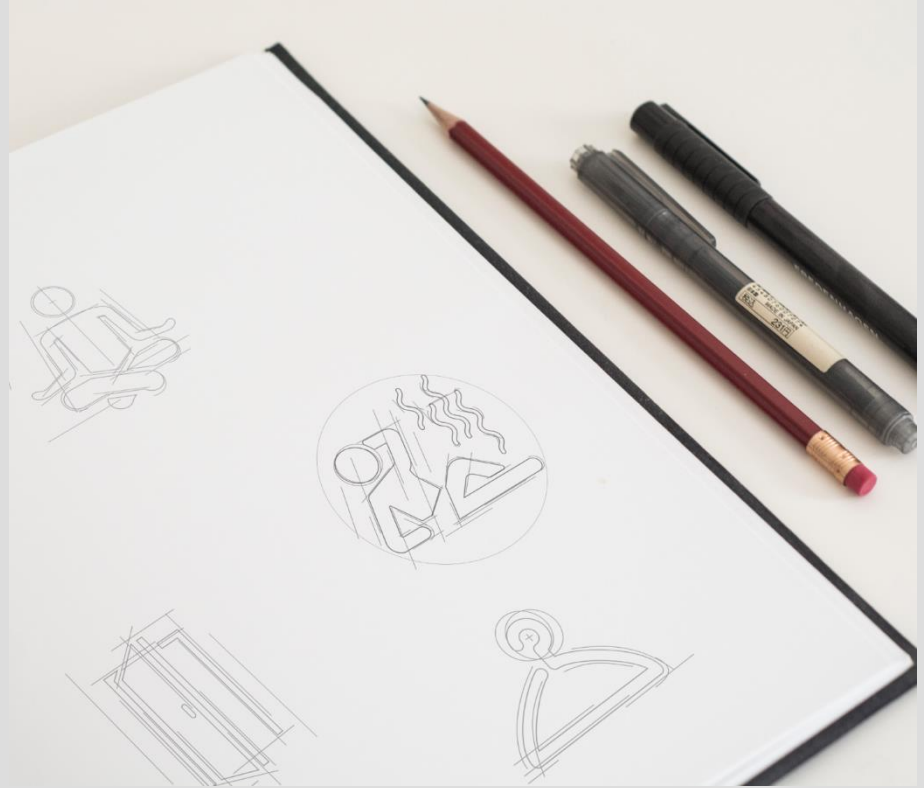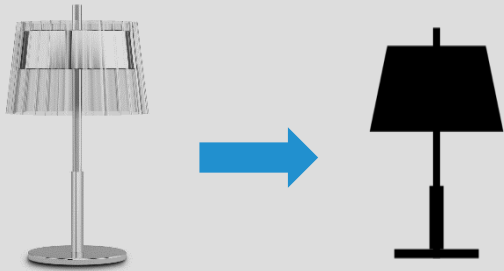- Different colors allow an enhanced interaction with the guest & hotel staff

Self-evident icons to enhance Guest Usability

Handcrafted, brand-built icons

- Handcrafted and unique
- Option to create brand specific icon sets
- Icons can match actual FF&E

Panels with built-in USB and power sockets

- Up to 2 sockets can be built-in

- Sockets can be left or right mounted

- Different socket types and colors can be installed (USB, universal power socket, etc.)

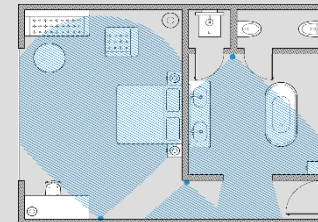- Eliminates separate socket outlets that have to be installed next to control panels

Built-in motion sensor

- More discreet in terms of room design
- Lower total cost of ownership
  - Savings on containment & cabling (installation labor costs)
  - Savings on cost of external motion sensor
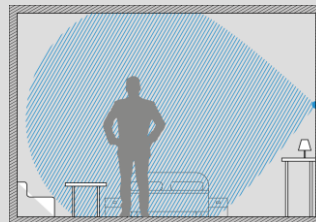
Motion sensor coverage (side view)

Motion sensor coverage (top view)

Augmented Reality SDK

Augmented Reality Application for mobile devices

Voted by the most influential people in hospitality

Compatible with all devices and OS

Highest usability through a WYSIWYG concept

Complete digitization of the INTEREL GRMS

HTML 5 Server based and therefore easily integrated to all leading guest mobility solutions platforms

Intelligent Energy Management for your guest rooms

Proven ROI

The only true retrofit hospitality thermostat

Uses hotel's existing WiFi infrastructure

SUMMARY OF MAJOR USPs

connectBsmart ® Infrastructure

- *Greater operational efficiency and better guest experience*
- *"Future-proofing" for hotels (creates a platform for future technologies)*
- *IOT ready platform*

End2end Security

- *AES128bit Encryption (Banking and Healthcare Security Standards)*

Touch Panel Technology

- *Glass touch interfaces can exceed the backbox size (=bigger icons, easy to recognize)*

ZigBee Door-lock interface

- *Saving by eliminating network infrastructure and cabling*
- *Real-time Welcome Scene, Occupancy & other door lock events*
- *Enables mobile key technology*

Total cost of ownership approach

- *Saving through built-in motion sensors / sockets, Wireless connectivity, Energy Saving Technology, Operational Savings*
- *Integration via Powerful API's to 3rd party systems*

Energy & Ops Savings   Security   Generate Rev   Guest Experience

INTEREL

Integration to Property Management Systems allows energy saving in rooms that are not checked in to

Built-in motions sensors and integrations to door locks the guest room can save additional energy when it is accurately determined that the room is unoccupied
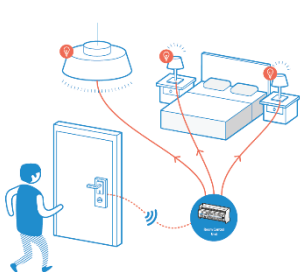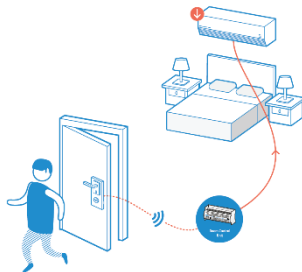
Up to 35% Savings
on guest room utility usage

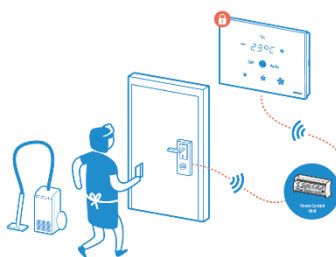# Online Door Lock Integration
On room level

- No single point of failure
- Advanced real time event exchange
- No additional wiring for door lock system
- Eliminate ZigBee mesh networks
- Most cost effective way to network door locks

Features:
- Room make
- Key delete
- Key extend
- Firmware upgrades (mobile key)
- Audit download
- Battery status
- Real time events

① Welcome scene without dedicated door contact

② Energy saving based on guest presence

③ Workflows based on card-level detection
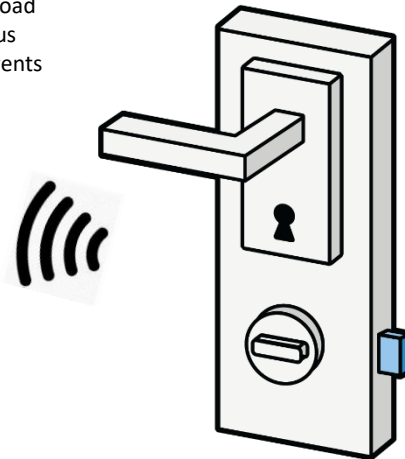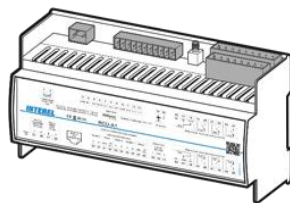
Real Time Welcome Scene

No Mesh Networks

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WHAT IS POSSIBLE WITH ONLINE WATER MANAGEMENT

Cleaning pre-sets
60°C
10 l/min

Safety pre-sets
40°C
6 l/min

Legionella prevention with automatic flushing upon room vacant

Remote shut off function

Guest leaving room shuts off water

System can turn off after determined amount of time

Section 3

Built-in IoT infrastructure

Directly impacting your hotels' bottom line

All INTEREL solutions have the built-in connect smart™ IoT infrastructure enabling countless use cases that directly **reduce your hotels' top two expenses**:
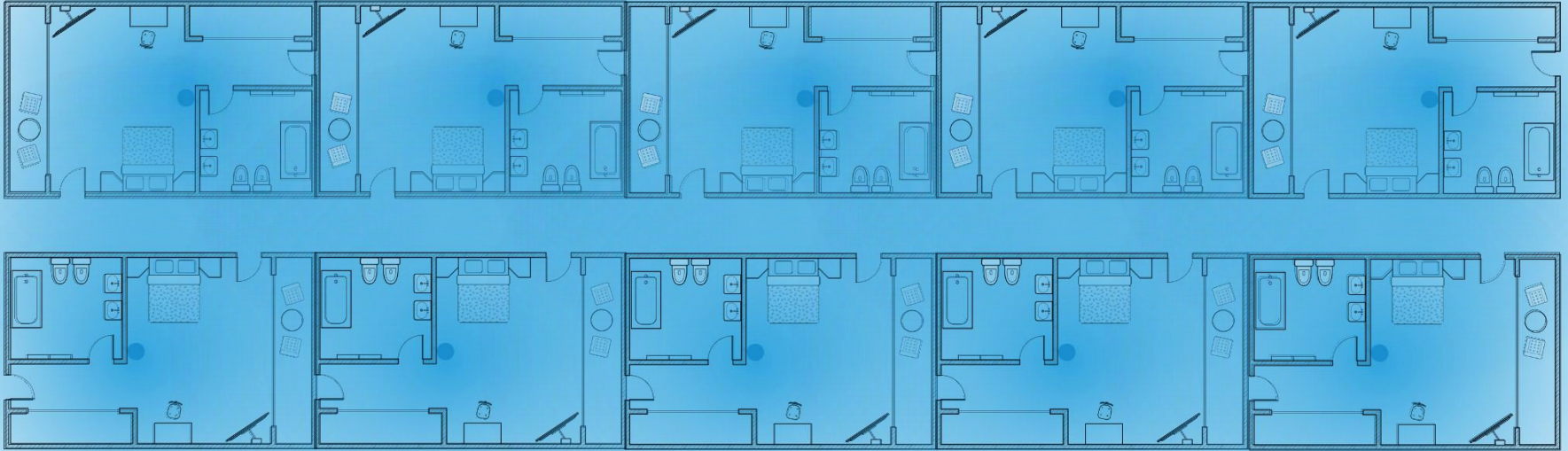
Utilities:

- Energy & water savings
- Less material replacement
- Waste reduction

Labor:

- Operational efficiency
- Greater automation
- Preventative maintence
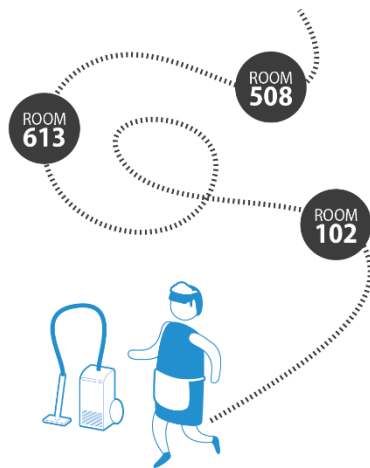- Guest experience
- Staff safety & happiness

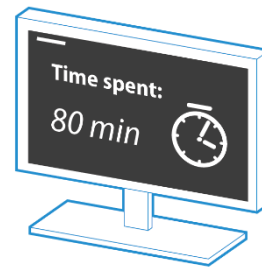# Provides a property-wide deployment of an IoT infrastructure
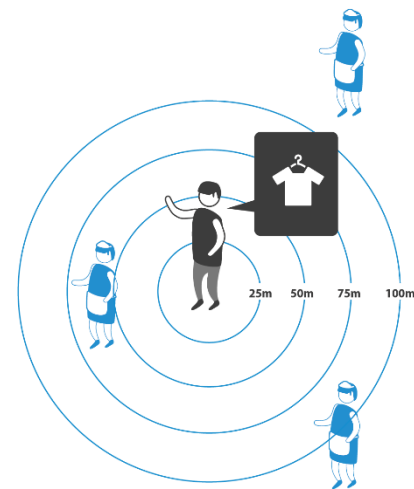
Sample use cases enabled by connect smart™

1. Know which rooms housekeeping has visited

Rooms cleaned:
508, 509, 605

2. Track routes of housekeepers / staff tracking

ROOM 613
ROOM 508
ROOM 102

3. Track time of housekeeping visits

Time spent:
80 min

4. Dispatch service requests to the closest staff
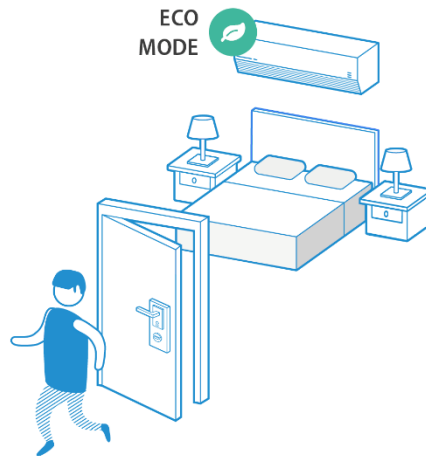
25m 50m 75m 100m

Sample use cases enabled by connect smart™
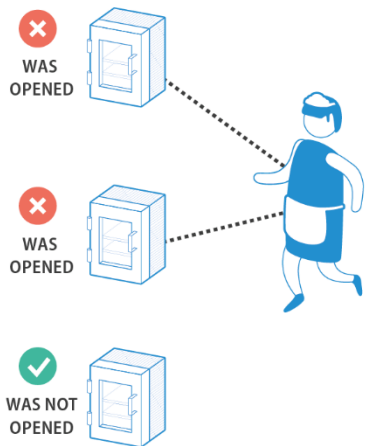
5. Selective minibar refill
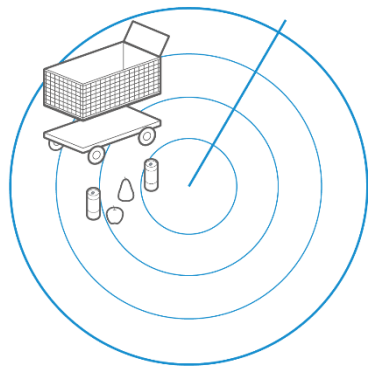
6. Asset tracking (e.g. food trays / trolleys)

7. Automated Energy Saving

8. Air quality

THANK YOU
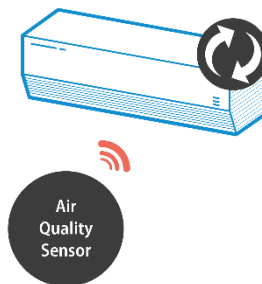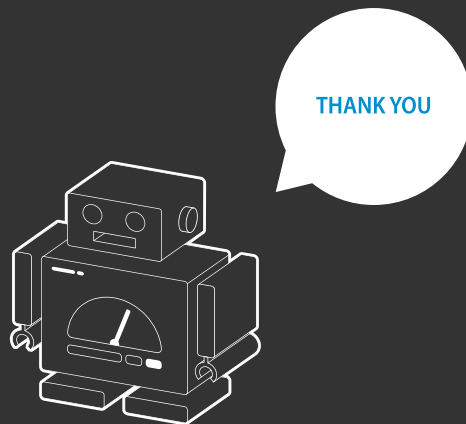
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