



The revolution of hotel **Room Control.**

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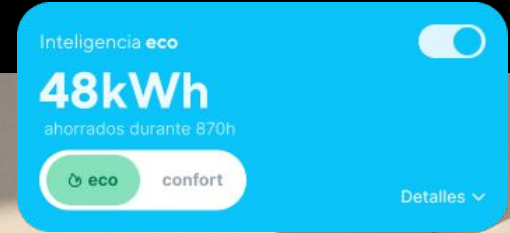
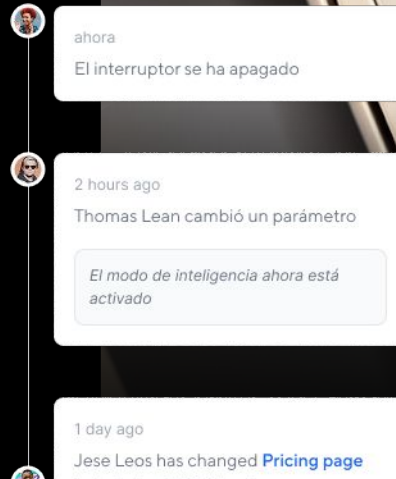
Less friction. More control. 30% savings.

Hotels lose money every day. Rooms left with the lights on when no one is there, air conditioning running while the guest is at the beach, breakdowns that take days to fix because no one knows what's happening. And meanwhile, the bill keeps rising.

At Voltic, we want you to stop giving money away to the power company and stop burning out your maintenance team with constant repairs. All kinds of hotels already work with Voltic because they know that sustainability and digitalization are the only way forward.

Do you want to stop managing a hotel blindly and start making decisions that save up to 30% every month?

Start your journey



Who we are.

- Conceived in 2018 and founded in 2022 by experts in the IoT and hotel sectors
- More than 3,200 rooms operate with Voltic
- More than 2.250.000 kWh of thermal energy saved
- 125% year-over-year growth 2022-2025
- Team with more than 10 innovation awards
- 7 employees
- 17 Voltic partner installers

voltic.es



Empresa Top 101
Ministerio de Industria
y Turismo · Enisa
Foro ADR



who we are



We are manufacturers of **smart devices** and developers of **IoT** solutions for buildings — we are committed to reduce your carbon footprint by **30%**.

Clients

Who is Voltic for

Hotels with more than 25 rooms and 3-5 stars

suffer from excessive energy costs, constant incidents, and lack of control. Voltic allows them to reduce their costs by 30%, improve the guest experience, and comply with regulations—all without construction work and with total control from day one.

HVAC or low-voltage electricians and climatization

experts who care about keeping their clients satisfied without causing problems value Voltic because it installs quickly, requires no on-site programming, and allows them to continue their work without complications.

La forma más fácil de
eliminar los tarjeteros



75% de incidencias tienen
trazabilidad



60% más económico que la
segunda mejor opción



Ahorro medible desde el
primer mes



Why they choose Voltic

The hotelier wanted a quick solution, and with Voltic we were able to provide it. We installed 132 rooms in 5 days, and the next day they were up and running.

Eduardo Rodríguez, CEO of Watertec



voltic.es

30%
save

- ✓ Real savings from day one
- ✓ No key card holder needed
- ✓ Monitor consumption in each room
- ✓ Compare your consumption

OPEX
friendly

- ✓ No need to rely on CAPEX
- ✓ Install floor by floor
- ✓ 70%* more cost-effective solution

4Mill.
of data

- ✓ Make data-driven decisions
- ✓ Know where the consumption comes from
- ✓ Link Voltic to your PMS
- ✓ Analyze at the entire chain level

*Compared to the average of the second-best options to which Voltic Technologies S.L. has had access

why now

Mandatory in Europe

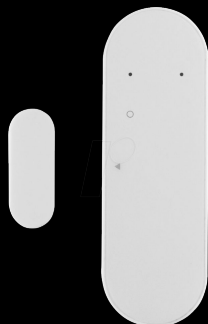
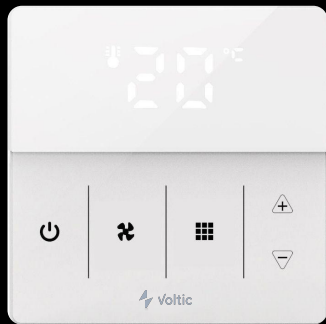
20
26

- ✓ Monitor and optimize **consumption**
- ✓ **Air quality** monitoring
- ✓ Predictive **maintenance** alerts and replacements

For buildings with more than 70 kWt

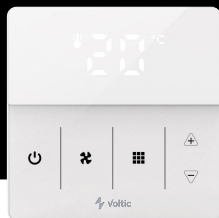
DIRECTIVE (EU) 2024/1275 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

The Voltic ecosystem



Save on the

Set temperature
limits.



Avoid nonsense
set-points and do it
smart.

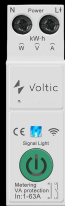
energy waste

Remove the old
card-holder with
**presence
sensors**.



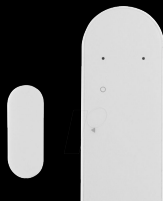
Know all times if
there is someone in
the room with 0%
error index.

Measure
consumption in
every room.



Get ahead of the
regulations with history
and real time for each
room.

Shut the AC if the
window opens.

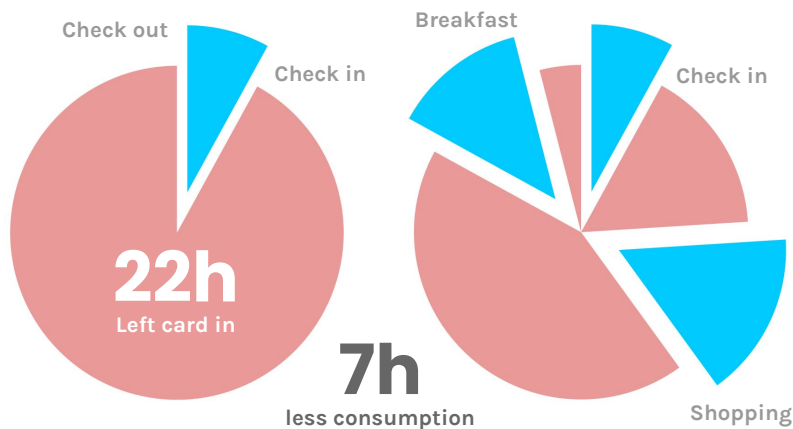
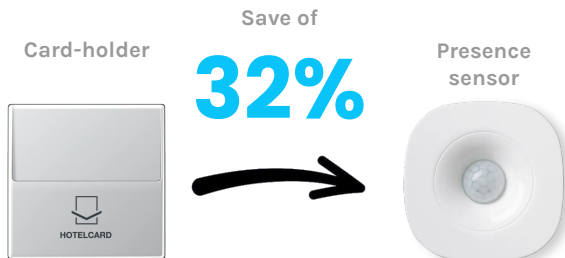


Without the need to
pass cables through
the carpentry. 6 yrs of
battery.

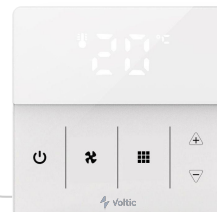
How much can my hotel save

16%

Presence control



Temperature limits



44% of the rooms have a temperature set below the legal setpoint in summer.

12%

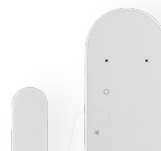
Sensor de luminancia



Closing the blinds in summer could reduce consumption by almost 40%.

15%

Sensor de ventana



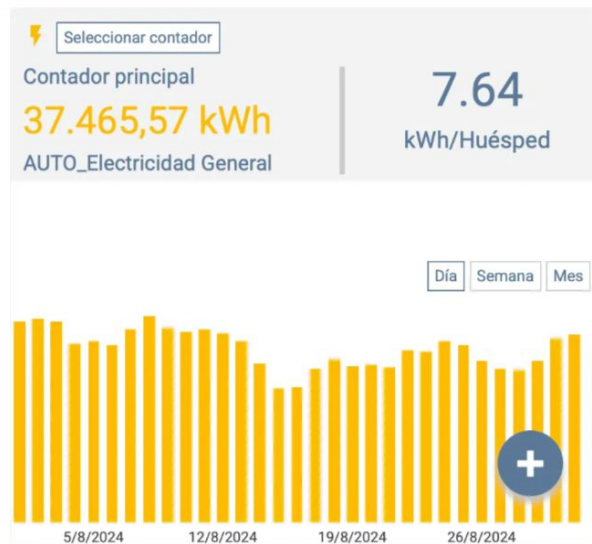
23% of the rooms that have some magnet system have the window magnet bypassed.

Energy consumptions

In a hotel, air conditioning consumption is approximately 32% of the total, taking into account that there is a swimming pool, kitchen and elevators. In addition, occupancy and outside temperature must be taken into account for an accurate calculation.

Total savings $\approx 0,40 \times 0,32 = 13 \%$

Real comparison in the month of August in a beach hotel that already had a card holder.



Real room waste savings

32%



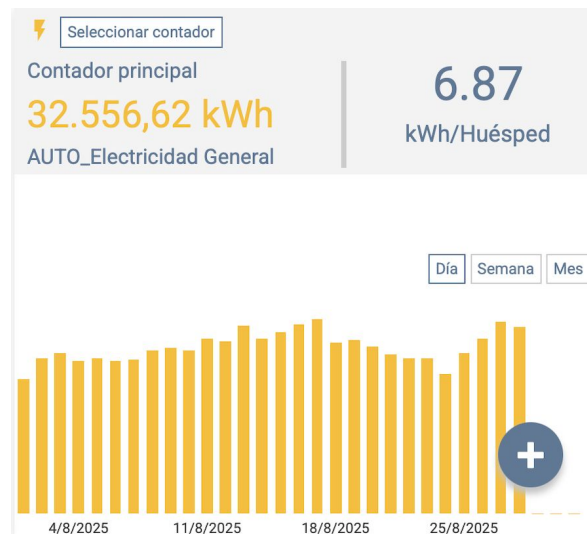
Savings in general consumption in the hottest month and more reservations

13%

With the same reserves and same temperature as last year, the savings would have been approx. 8% higher instead of 13% lower.

Relation of day degree with occupancy and kWh

Year	Consumption (kWh)	Occupancy (instances)	Temp. ext. avg (°C)
2023	34.323,69	4.640	26,0
2024	37.465,57	4.750	26,4
2025	32.556,62	4.827	26,5



Save on the

No wires & no **works**.

We can work with the hotel totally opened since our system is wireless and does not need works.



implementation

Deploy **floor by floor**.

You no longer need to depend on CAPEX. With Voltic's modular system you can install one plant per year. Or all of them!



Don't **program** anything.

The installer scans the QR on each box and it appears directly in your app. Without programming!



In average, 100 rooms are installed in 5 days.

freeline

A preconfigured box per room

Voltic Freeline
has been
designed to
simplify how
hotel rooms are
automated.
Install in minutes,
control instantly.



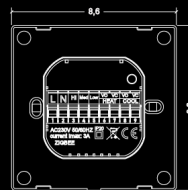
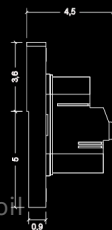
- ✓ 1x Thermostat
- ✓ 1x Light actuator
- ✓ 1x Door sensor
- ✓ 1 or 2 x Window sensor
- ✓ 2 or 3 x Presence sensor

Everything a smart
room needs,
in one box.

inside Freeline

frostline Thermostat

Compatible with 2-pipe or 4-pipe water fan coil



Intuitive control

Everything that could make your guest not understand how the air conditioning works, we have removed, and we have also blocked access to advanced menus.

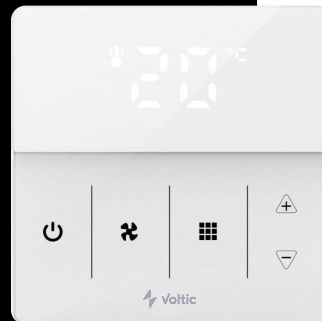
Plug and play

Remove the previous thermostat and install Frostline; it has exactly the same connections and the same socket.

A step further

Set temperature limits. Notify from the thermostat when the window is open. Read humidity levels and measure usage time to calculate thermal consumption.

[More information](#)



Technical details

Voltage	230VAC 50Hz
Max. current	3A
Accuracy	0.5°C
Setpoint range	5°C - 35°C
Humidity range	5%HR - 85%HR
Sensor	NTC 10K 1%
Output type	Digital
Output temperature range	0-55°C
Size	86 x 86 mm
Socket	European standard

split / VRV option

Bridge Aidoo AC actuator

Works in almost every gas system in the market.

Keep original control

Don't change anything. From your guest's point of view, all is the same, just you've got control now, in real time.

Plug and play

Connect to your current split machine in the port dedicated to external connections. Normally installation lasts 15 min.

A step further

Set temperature limits. Read humidity levels and measure usage time to calculate thermal consumption.



Technical details

Voltage	18VDC 50Hz
Max. current	2A
Operation	0°C - 45°C
Protection	IP41
Poles	1P + N
Size	92x80x29 mm
Comm.	2.4GHz Zigbee

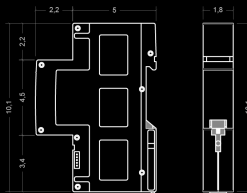
Más información



inside Freeline

switch Light actuator

DIN rail. Replaces the key card holder contactor.



Measure electrical consumption

Connected to the control line, it measures the electrical consumption of the lighting and the television. Several can be installed to measure and control different lines.

DIN rail

Remove the previous contactor from the key card holder line and replace it with Voltic Switch.

Say goodbye to the key card holder

The physical and operational cost of key cards is high, but the real problem is that they are left in place all day.

More information



Detalles técnicos

Voltage 230VAC 50Hz

Max. current 40A

Setpoint range 5°C - 35°C

Protection IP20

Poles 1P + N

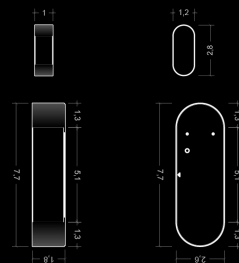
Size 18 mm

Socket DIN GB10931

inside Freeline

Sensor Door/Window

Surface-mounted wireless Zigbee sensor.



Easy to install

The device comes pre-configured — the installer only needs to insert the batteries and stick or screw it onto the door or window.

Long-life batteries

Standard AAA batteries, but thanks to the device's energy management, they last between 3 and 5 years.

A step further

It reads the temperature in addition to detecting opening and closing. It alerts when the battery is low and when the device is tampered with.

[More information](#)



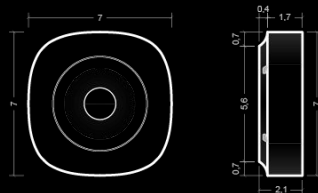
Detalles técnicos

Voltage	5Vc
Battery	2 x AAA
Temperature accuracy	0.1°C
Operating temperature	0°C - 50°C
Sensor	NTC 10K 1%
Color	White
Ip rating	IP40

inside Freeline

Sensor Presence

Surface-mounted wireless Zigbee sensor.



Easy to install

The device comes pre-configured — the installer only needs to insert the batteries and stick or screw it onto the wall or ceiling.

Long-life batteries

Standard AA batteries, but thanks to the device's energy management, they last between 2 and 3 years.

A step further

It reads the temperature and brightness to know if the guest has closed the blinds and thus calculates the thermal inertia. Warns when the battery is low and when the device is manipulated.

[More information](#)



Detalles técnicos

Voltage	5VC
Battery	2 x AA
Temperature accuracy	0.1°C
Lux accuracy	1 Lux
Operating temperature	0°C - 50°C
Brightness range	0 - 10.000
Sensor	NTC 10K 1%
Color	White
IP rating	IP30

Expand your horizons

You rather the embedded sensor?

embed



- Embedded magnet in the frame
- LR14 battery
- 5-year lifespan
- No risk of damage due to negligence

Do you like best without battery?

wave



- 230V wired
- mmWave technology (72× more sensitive)
- Easy installation in false ceiling

Want control of every light-point?

lightline



- Up to 16 CH (1, 2, 4, 8 or 16)
- DIN rail mounting
- Energy consumption measurement
- Push-button connection without the need for 1.5 mm² wiring

Expand your horizons

More scenes and functionalities

tagline



- Blinds
- Scenes
- Room service
- Do not disturb

Access and auto check-in

lockline *beta*



- RFID entry
- Mobile entry
- Card entry
- Entry/exit detection

CO2 sensor noise and smoke

sense *beta*



- CO₂ monitoring
- Noise sensor with alerts
- Smoke and VOC sensor
- Standard AA batteries – 3-year lifespan

One Hub per floor that coordinates everything

Voltic **Hub+** is the brain of the installation. It does not rely on the WiFi network and provides the security your hotel deserves.

[More information](#)

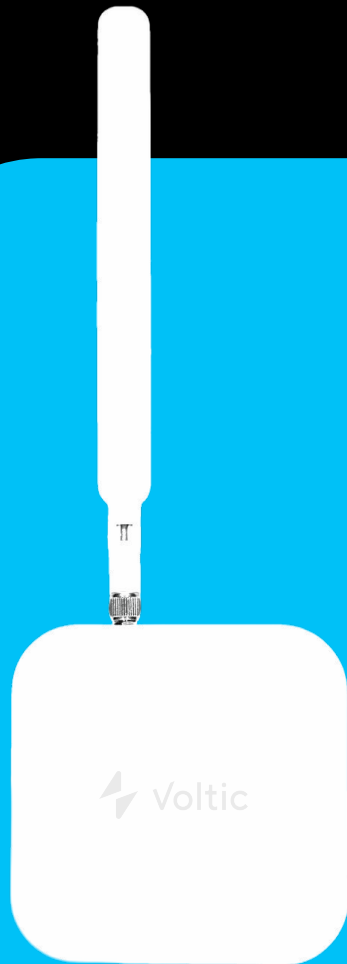
hub+

- ✓ 1x VolticHub
- ✓ 1 ó 2x Zigbee repeater

One for every 8–14 rooms, depending on the hotel's layout.

Ultra-stable signal.

Military-grade AES 256 security.



One Hub per floor that coordinates everything

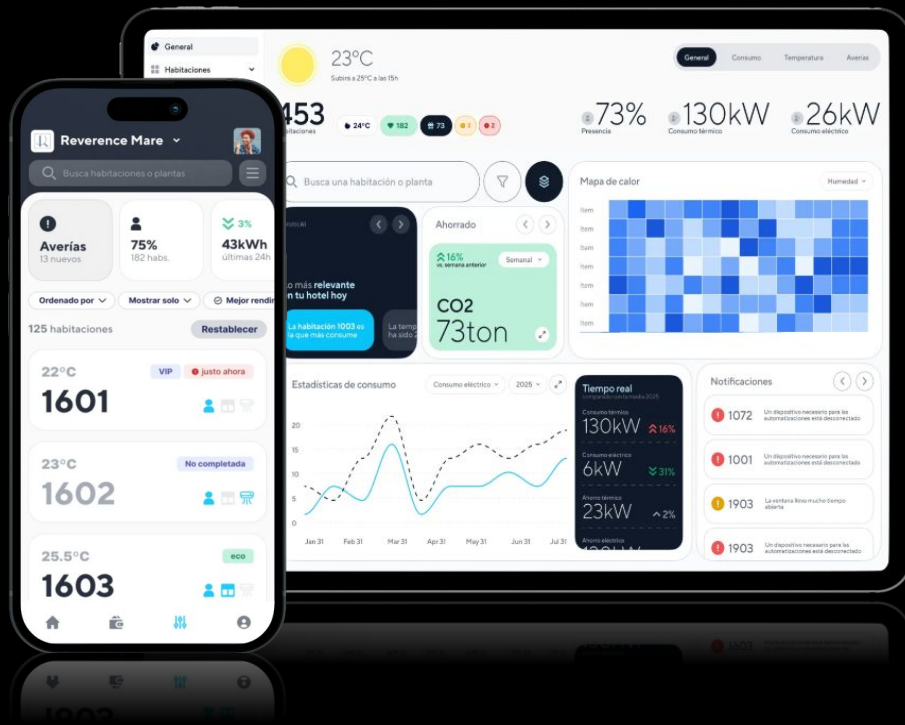
Connect all devices, with no limit, and do it modularly.

We will coordinate with your hotel's telecommunications team to ensure the implementation of the new ports goes smoothly.



A platform for each hotel role

View room data
in an intuitive,
modern app that
your entire team
can use.



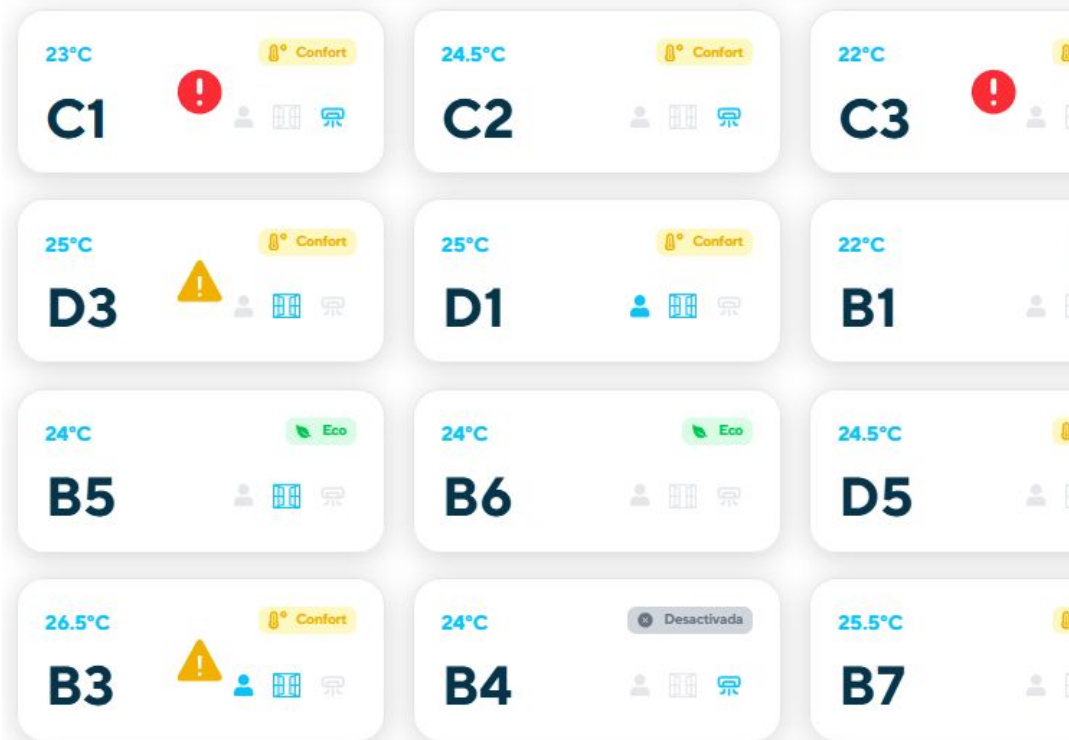
[More information](#)

Intuitively intuitive

We have created an app that all staff know how to use.

We wanted a room control application so simple that anyone on the team could use it without always relying on the technical manager.

Silvia Ibergallartu, General Manager, Tent Capi Playa

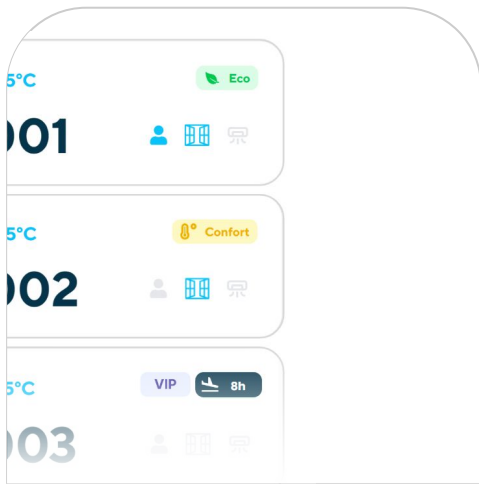


The platform

It seemed that hotels always had to use outdated applications controlled by a SCADA system that no one knew how to use. That's why we have created an **absurdly intuitive** platform.

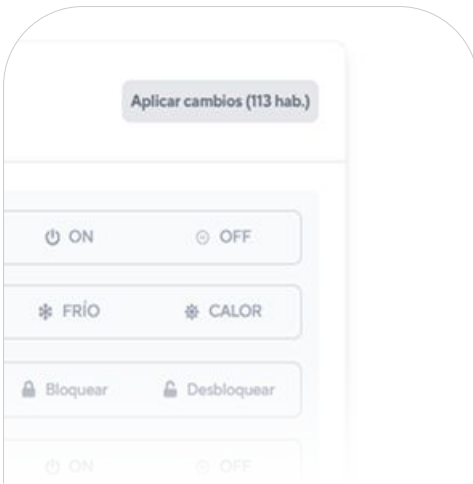
Eco, Comfort, and VIP modes

Change the mode depending on whether you need to prioritize savings or guest comfort. Link your PMS through the Voltic API and prepare the room before check-in.



Eco, Comfort, and VIP modes

Your maintenance team no longer needs to go room by room. The mass control tab allows you to take action in all or selected rooms.



Eco, Comfort, and VIP modes

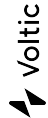
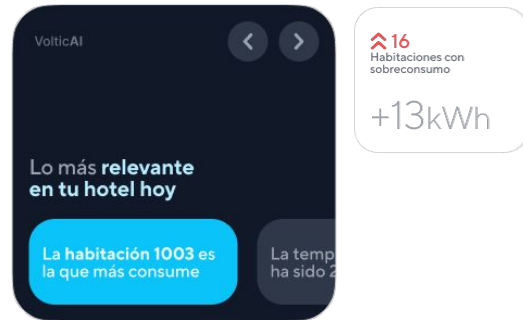
View in real time and historically the data that impacts your hotel's comfort and consumption, and make decisions with information you didn't have before.



The platform

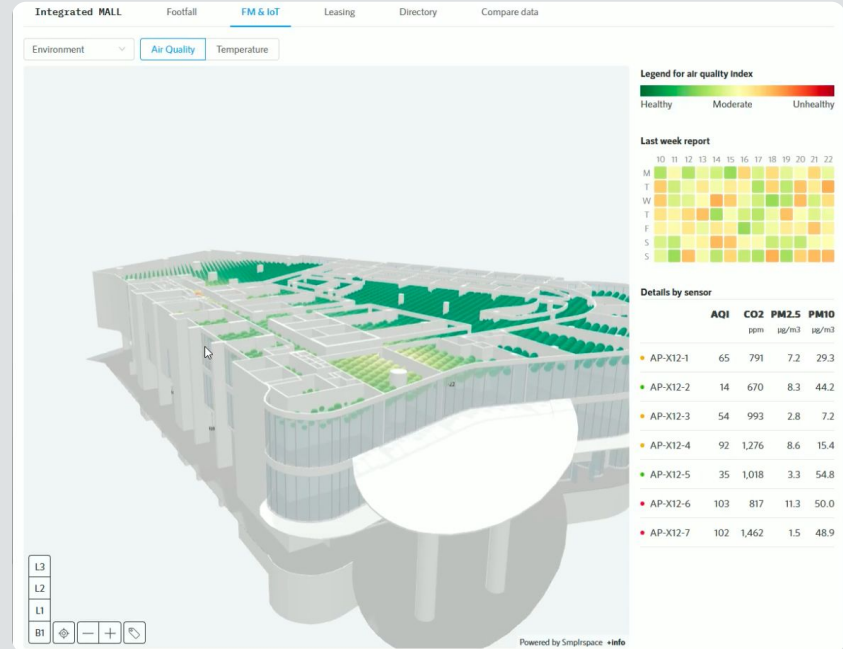
AI-powered recommendations

Receive AI-powered alerts about what's happening in your hotel and action plans to achieve maximum efficiency.



Digital Twin of your hotel

View all your hotel's data in 3D.



Integrate Voltic. Smooth and easy.

It is just plug&play

We are the fastest Room Control solution on the market. In less than 30 days from your order, you can have your smart hotel. And since no construction work is needed, there's no need to stop hotel operations.

[Book a demo](#)



Partner installer

Our certified installers need less than 7 days to set up 100 rooms.



Voltic formation

We train your employees with live courses and tutorials to help them get the most out of our app.



Account management

An account manager will be assigned to your hotel and will accompany you throughout the entire process to ensure everything goes smoothly.



Secure system

The platform and devices feature advanced military-grade AES 256 security. No one has ever managed to breach it.

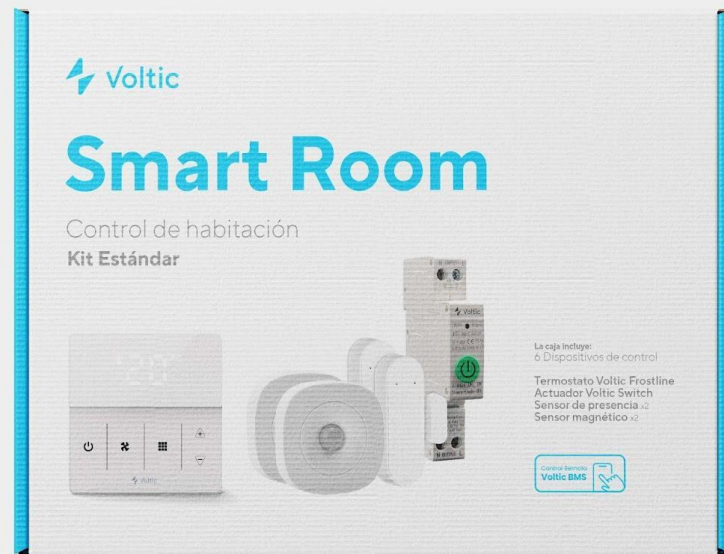
Integrate Voltic. Smooth and easy.

Prices

We offer system packages with everything needed to control a room, as well as different plans for platform management.

Our savings calculator will help you estimate how much time and money you will save with Voltic.

Find out how much you can save



kit **freeline**
from

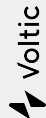
459€

IVA no incluido

Platform
Basic plan

1€

for room/month



KNX room cost

Devices _____ 1.127€

1x KUPSupply 160mA	137€
1x Flat 55 Display v2	184€
1x MiniBOX 66 v3	289€
2x EyeZen IN	192€
2x WinDoor RF (868Mhz)	118€
1x KES Plus	183€
1x 60A Transformer	24€

Gira server X1 _____ 12€

Assumed price for a 100-room hotel:
€1,200 / 100 rooms.

Installation _____ 345€

Replacement of electrical panel.
Corrugated conduit. Shielded
twisted pair cable.
Does not include device installation.

Programming _____ 120€

Ad-hoc programming per room.
Assumed price for a 100-room hotel:
€1,200 / 100 rooms.

1.604€

IVA not included.
Based on retail prices. Does not include
possible supplier discounts.

Voltic room cost

Smart Room Kit

1x Thermostat Voltic Frostline
1x Contactor Voltic Switch
2x Presence sensor PIR
2x Magnetic sensor

VolticHub + Repeater

1 for every 10 rooms.

Programmation

Pre-programmed and
room-labeled systems.

Installation

Depending on the layout and the
agreement with the partner.

515€ + mounting

IVA not included.



- System more secure than an open port.
- Does not require replacement of the electrical panel.
- Direct connection from the thermostat to the fan coil.
- Agility in project management.
- Exclusive application for hotels.
- Regular updates.
- Role-based access control.
- AI-powered recommendations.

Success story in a 423-room hotel

The Tent Bahía de Palma hotel installed Freeline kits in all 423 rooms in record time, with no construction work, without closing floors, and without disturbing guests during peak season. The air conditioning turns off when the window is opened, and the lights are cut when no one is present.

29%

consumption reduction in 1 year
48.000€ saving in st. yr
ROI 4.1 years

65%

implementation reduction
235.000€ less than
the second best option

[Read case study](#)



6 hotel chain reduced issues on maintenance.

The Reverence hotels chain acquires Freeline kits in a total of 450 rooms in just 2 and a half weeks of implementation. Reverence highlights the functionality of the platform, with which it has managed to save energy consumption, work time and provide data where it was previously blind.

Partner installer: Watertec - 3 workers in the ground

80%

reduction in room-issue
response time
65h saved on work time

4M

data per room per year
Data based decision
making.

[Read case study](#)



Integrate Voltic. Smooth and easy.

Become a Partner

Our mission is to shape the future of hospitality, and we need you to achieve it. Join Voltic and become part of a global network of partners who are truly changing how hotels are managed, helping to reduce consumption, automate operations, and improve the experience of thousands of guests.

Know more



New opportunities

As a Voltic Partner, hotels in your area that require an installation will count on you without you having to acquire them yourself.



Support

You are only responsible for the physical part – everything related to software and operation will not be your responsibility.



Types of Partner

We offer different levels of partnership so you can benefit from the one that best fits your company.



Full Control

Feel free to market Voltic the way you always have done it, with a brand that supports you.

If you liked what
you saw, we
would love to talk
with you.

To book a demo, you just need to fill out a short form and we will get in touch with you. No strings attached—we simply want to talk with you to explain how we can help your property enter the new generation of smart hospitality.



Book a demo

FAQ

How much can I save? —

There are Voltic clients who have managed to save up to 50% on their electricity consumption. The mean is on 27%.

What happens if the internet goes down? —

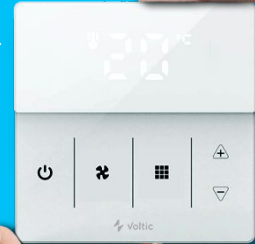
Without internet, you won't be able to access your hotel from the platform, but the automations will continue to work.

I am already using other software —

Voltic can be easily integrated with other software, as it has a documented API.

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The smart way.

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