



SOLUTIONS FOR THE HOSPITALITY MARKET

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VISION

We enhance 'People' environments through the development of sustainable strategies that improve the relationship between People and the surrounding environment.

ABOUT US

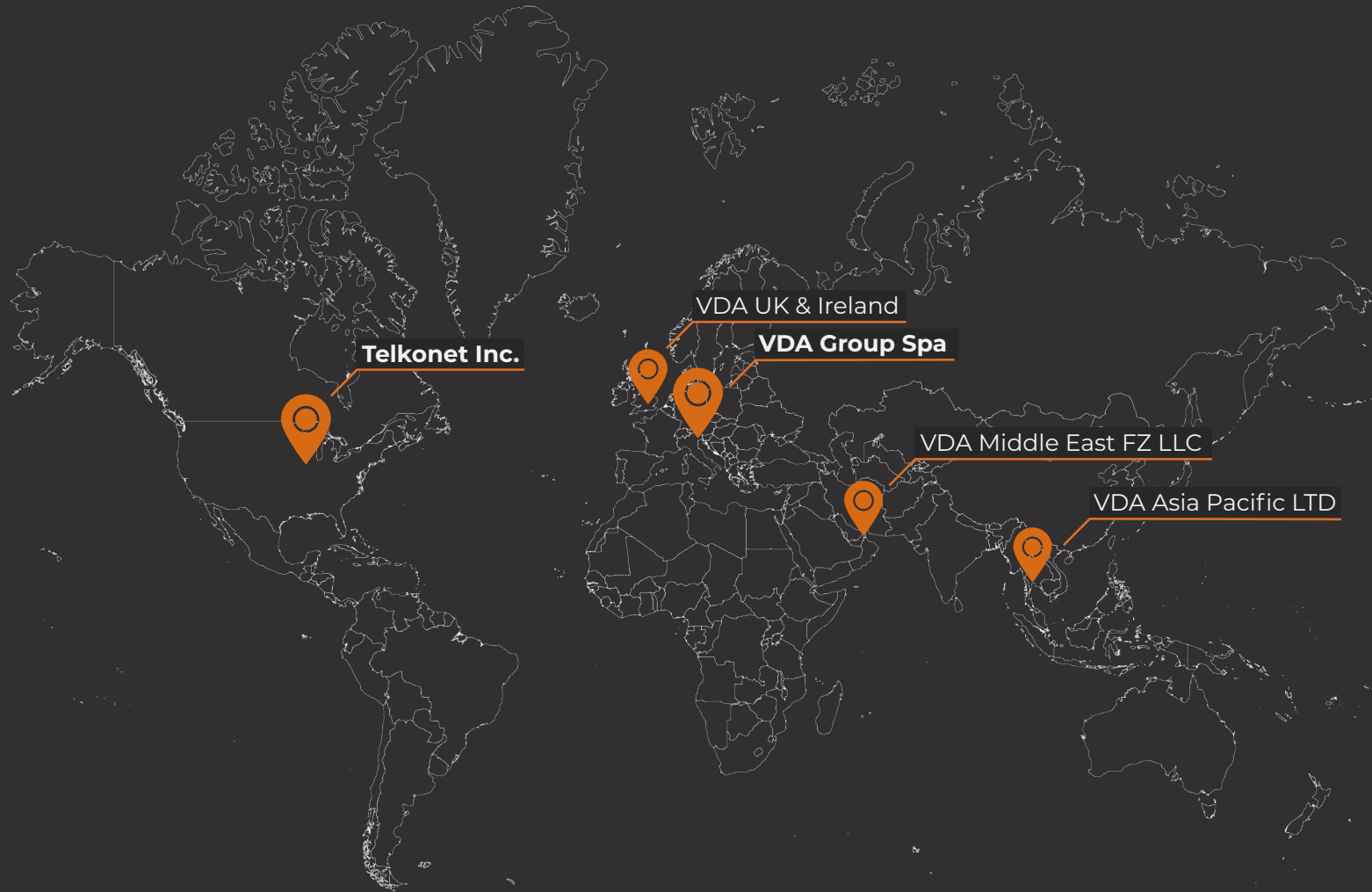
The VDA-Telkonet Group is the largest global player in the field of EMS and GRMS for the world Hospitality market. The Group defines the future of the sector by focusing on People as a valuable element of smart technologies and by offering the right balance between maximizing comfort and saving energy.

The Group is the global leader in IoT Hospitality technologies. As the industry's leading solution provider, the Group's experience in the service and support of its customers benefits them in all phases of their projects, from consulting to engineering, to delivery and ongoing support of the completed project.

With around 1 million rooms installed in 50 countries and more than 60 years of experience and two in-house R&D Teams of around 40 engineers with hardware and software expertise, the Group demonstrates a deep knowledge of the markets in which it operates and is a strategic partner for the global Hospitality market.

The Group has obtained the 'ISO 9001' certification as an international recognition for the quality of the products and services offered, adopting a management system compliant with UNI EN ISO 9001:2015 in order to improve and streamline its processes.

The adoption of ethical behaviours is a fundamental value for the Group, which regards regulatory compliance as a minimum standard from which to develop responsible behaviours. To this end, the Group has adopted the 'Code of Ethics' that guides its work and promotes a culture based on the principles of fairness, loyalty, and transparency.



PRESENCE

ITALY

HOTELS: 2,500+
ROOMS: 190,000+
GUESTS: 19,800,000+

EUROPE

HOTELS: 250+
ROOMS: 30,800+
GUESTS: 6,200,000+

ASIA PACIFIC

HOTELS: 110+
ROOMS: 20,900+
GUESTS: 4,200,000+

AMERICA

HOTELS: 4,000+
ROOMS: 700,000+
GUESTS: 140,000,000+

MEA & AFRICA

HOTELS: 150+
ROOMS: 38,000+
GUESTS: 7,500,000+



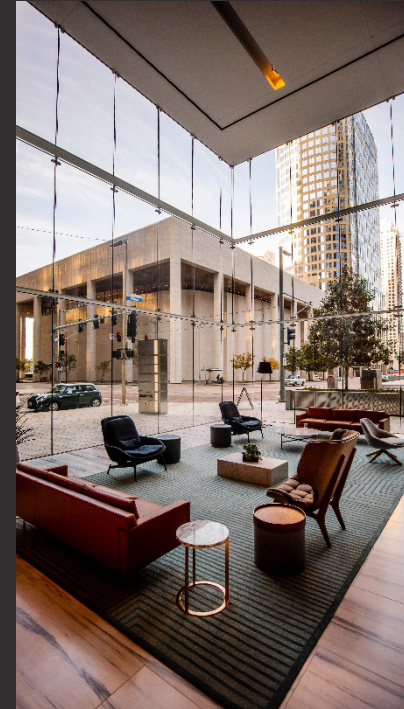
HOSPITALITY

MILITARY

EDUCATION

HEALTHCARE

OUR MARKETS



THE GROUP'S QUALITY



All VDA and Telkonet products, largely assembled at the production sites, are verified by internal Quality Control that establishes compliance with regulatory standards.

The ISO 9001 certified Group has adopted precise quality standards for processes and products, such that the Group can provide both standard and customized products; the development guidelines are well defined in order to maintain the quality of the product, even with significant customizations.

Ensuring the quality of the product and the service offered is a priority for the Group, which bases its philosophy on the ability to satisfy the customer and adapt to changing market contexts.





**SOLUTION
PROVIDER**



KNOW HOW

Customer satisfaction is the Group's driving force and lifeblood.

The Group's deep knowledge of the industry is evident in its valued relationships in the Hospitality sector. Group understands the needs of the market and establishes strong relationships with its customers. The Group is driven by its 'People first' philosophy.

One of its main goals is to cultivate the relationship between the individual and the surrounding environment.

The Group's support starts from the pre-sales stage, offering consulting services. We seek to understand the client's vision, acting as a trusted advisor and offering perspectives the client may not have considered.

The Group develops customized proposals, outlines in detail the system to be installed, and suggesting the appropriate aesthetics.

The installation phase of the project is entrusted to the Project Manager, who supports the customer in the set up and commissioning of the site, and acts as a liaison between the Project Engineer and the project stakeholders.

The Project Manager commits to the client the supervision and the management of every phase of the project development, actively involved until final installation and providing detailed documentation to be used as a guide to support and develop the property for years to come.

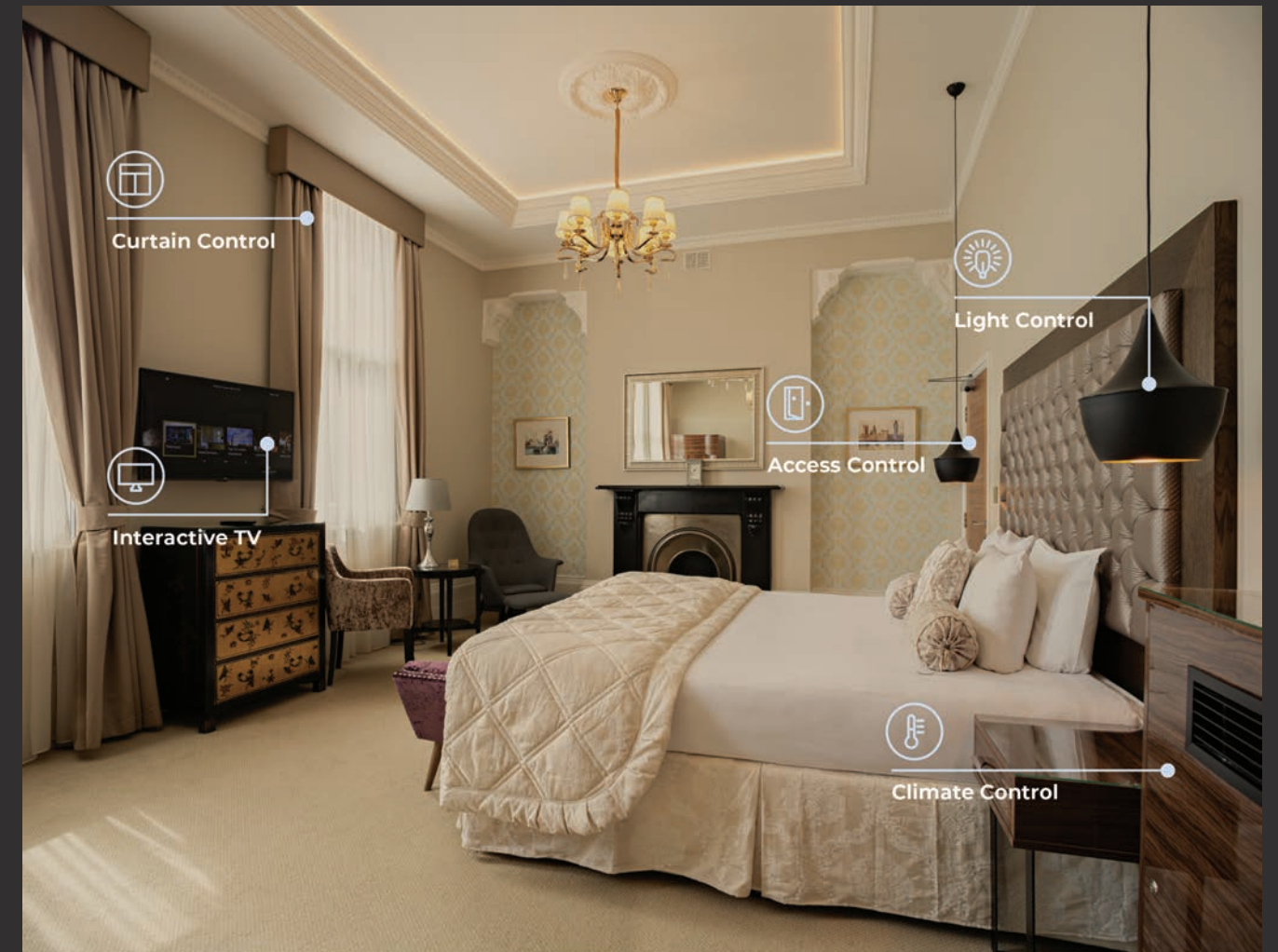
The Technical Support Team specializes in providing our customers with individual attention. They are an experienced, knowledgeable group of professionals, most of whom are located in the very same office as our Engineers, Product Development Engineers, Project Managers and Field Services Technicians.

SYSTEMS

Based on the demands of a complex market in continuous evolution, VDA Guest Room Management Systems respond perfectly to the challenges of these modern times. Our systems are conceived to manage plants in an integrated, centralised manner, minimising infrastructure costs and maximising energy savings, comfort, and safety.

Access, temperature, lighting, curtain, and shutter control, as well as our Interactive TV system, offer guests the greatest comfort, providing operators with powerful and flexible tools at the same time, capable of optimising costs and delivering services of great value.

One of the undisputed advantages of our systems are the high-levels of personalisation, with exclusive design solutions that combine functions and shapes in an original way.





SOFTWARE SERVICE

Cloud solutions are now a consolidated reality in the world of Hospitality and more and more properties choose platforms capable of offering a software service (SaaS: Software-as-a-Service) able to evolve in harmony with the technologies of the future.

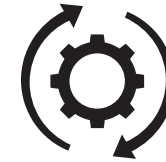
One of the main advantages of the Internet of Things (IoT) is its ability to manage big data and parse it into information that will then be the basis for data analysis aimed at improving a variety of processes.

The predictive maintenance specifically exploits this data, anticipating and developing targeted interventions in advance of problems.

This contributes to a significant reduction in maintenance costs and downtime, making it an investment that maximizes the life of devices and equipment and building health.



ACCESSABILITY & MONITORING



SYSTEM UPDATES



FLEXIBILITY & SCALABILITY



ENERGY EFFICIENCY



DATA SECURITY



SYSTEM CONFIGURATION



ETHEOS

Etheos Room Management system is the new cloud-based platform for the Hotel room control developed by VDA.

The perfect solution that guarantees the constant efficiency of the systems reducing maintenance costs.

The system is built to offer a unique platform for each Hotel, protected and regulated by the most recent GDPR standards.

The comfort of the room is managed by the 'Nucleus' controller which can be chosen in three different versions to suit the infrastructure: Nucleus Ethernet and Nucleus Wi-Fi.

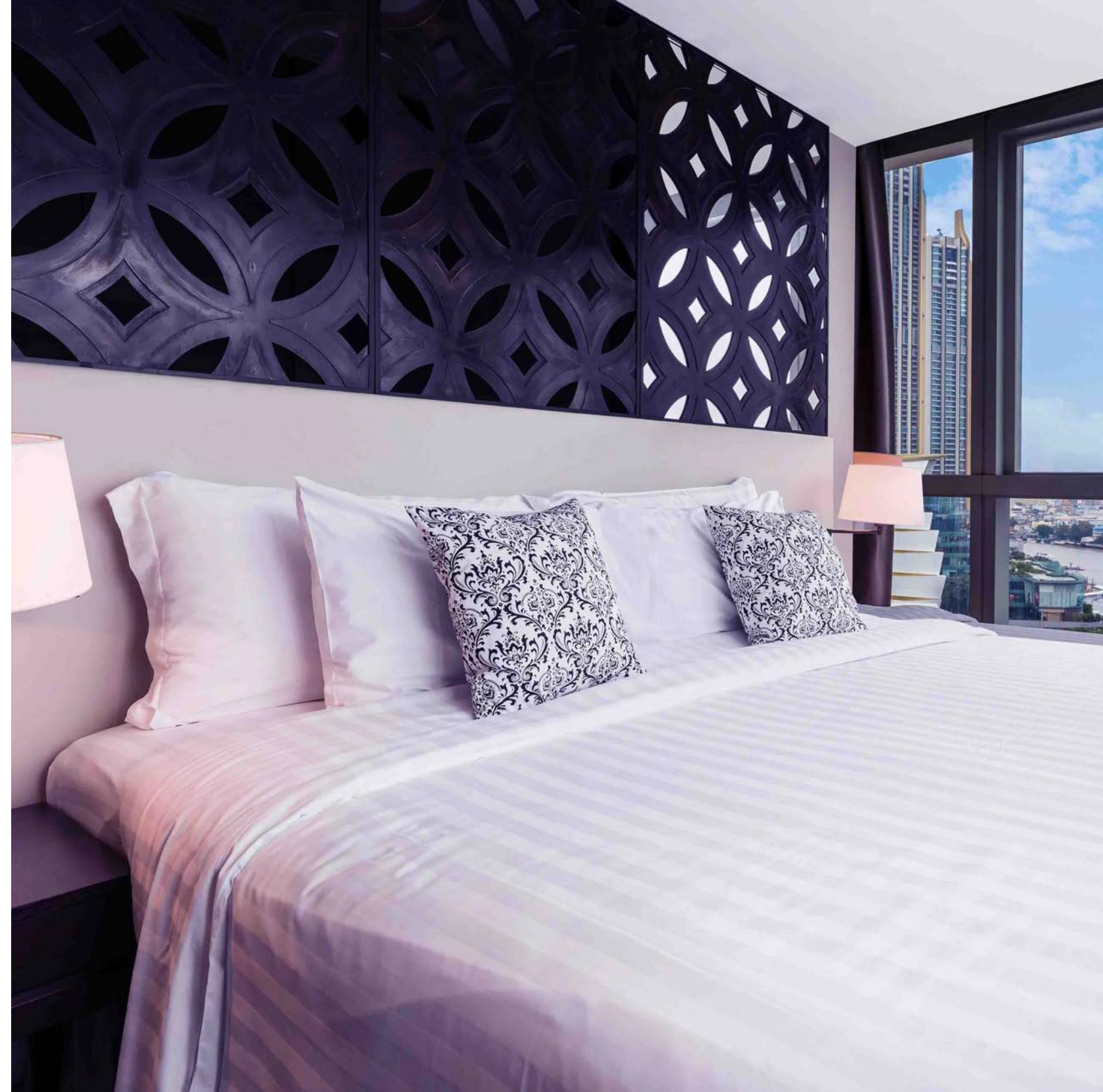


MICROMASTER

Micromaster, VDA's intelligent Room Management system, specifically developed for the Hospitality Industry, is a consolidated platform used in thousands of installations throughout the world. It ensures reliability and functionality.

The system's strengths come from its attention towards energy saving, and its great capacity to integrate with other systems, translating into simplicity and efficiency.

It guarantees a high level of comfort for guests in both their bedrooms and the common areas.





INTERACTIVE TV

VDA's Interactive TV system is specifically developed for the Hospitality Industry.

The IPTV systems offer a user-friendly interface that is easy to use for guests, and that gives Hotel staff independent control of the content.





VDA | Casting

VDA Casting allows guests to easily and securely stream preferred media content from their mobile devices onto the in-room TVs with no need to log into these apps again.

Guests choose what they want to watch on popular apps such as Netflix, Hulu, Disney+, Spotify, Amazon, YouTube and many more.

VDA Casting gateways provide authenticated, managed internet access for millions of Hotel rooms at properties all over the world.



COLLECTIONS



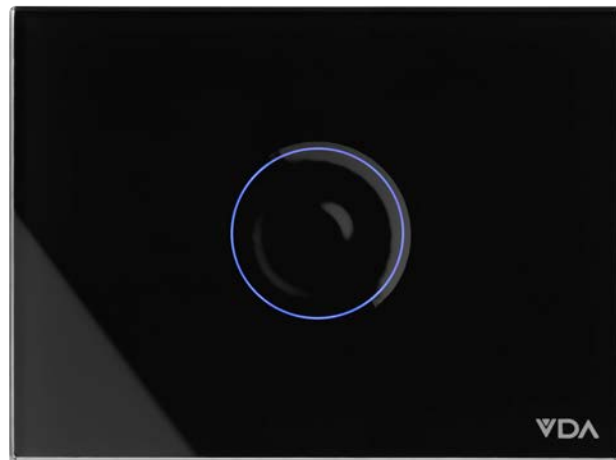


VITRUM

Vitrum offers a well evolved and intuitive experience in use.

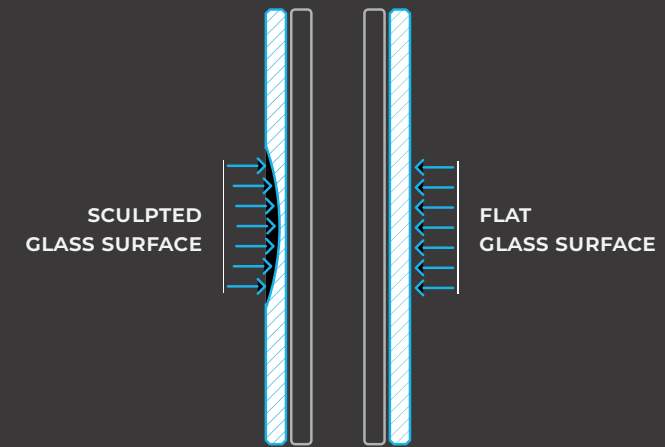
The design is extremely versatile, lending itself to customization perfectly through colour schemes and iconography, making automation more simple and more available to everyone.

Vitrum is the only product that offers an exclusive sculptured glass finish, a distinctive trait that accentuates its elegance and functionality, and making it inseparable from the device.

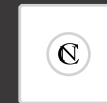


VITRUM

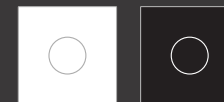
Vitrum is one of the smart device collections compatible with the Micromaster system and Etheos systems. It's built according to the specification required from both the European and British standards, permitting the guest to interact with an automated system through a functional and ergonomic object, as well as aesthetically pleasing. Following the original collection, Vitrum has evolved in many directions, offering the possibility for high levels of customisation.



CUSTOMISED LOGO



STANDARD COLOURS



COLOURS PALETTE



COLLECTIONS

VITRUM

British Standard



CARD READER



CARD HOLDER



SMART SWITCH
1 BUTTON



RFID 13.56MHZ
READER + ROOM NUM.



SMART SWITCH
2 BUTTONS



SMART SWITCH
4 BUTTONS



CHROMOTERAPY
DEVICE



THERMOSTAT



THERMOSTAT
WITH PIR



THERMOSTAT + SMART SWITCH
4 BUTTONS (COMBINED)



SMART SWITCH 4 BUTTONS
+ SOCKETS (COMBINED)

Italian Standard



CARD READER



CARD HOLDER



SMART SWITCH
1 BUTTON



RFID 13.56MHZ
READER + ROOM NUM.



SMART SWITCH
2 BUTTONS



SMART SWITCH
3 BUTTONS



SMART SWITCH
4 BUTTONS



SMART SWITCH
6 BUTTONS



SMART SWITCH
8 BUTTONS



CHROMOTERAPY
DEVICE



THERMOSTAT



THERMOSTAT + SMART SWITCH
6 BUTTONS (CONSOLE)



AXIA

Axia is the VDA collection that combines technology and style in a single device, specifically designed for the luxury sector.

All the faceplates are magnetically fixed to the device support, and they can easily be replaced with a simple tool. The ability to choose from 40 prestigious finishes provides the interior designer with a wide catalogue of possibilities to best express the concept of the room.

Like all the VDA collections, Axia is widely customisable by picking from the proprietary icon set and it's available in the Italian standard (3 and 4 modules) and in the British standard.



AXIA
CUSTOMISATION

Axia presents a wide range of aesthetic solutions that can be obtained by combining the two elements of the device: the magnetic faceplate and the support frame anchored to the wall.
Wide selection and refined finishes for a new generation of mechanical switches.



COLLECTIONS

British Standard



CARD READER
(NO BUTTON)



CARD READER
WITH BUTTON



CARD HOLDER
(NO BUTTON)



CARD HOLDER
1 BUTTON



CARD HOLDER
2 BUTTONS



SMART SWITCH
1 BUTTON



SMART SWITCH
2 BUTTONS



SMART SWITCH
2 BUTTONS (VERT.)



SMART SWITCH
3 BUTTONS (VERT.)



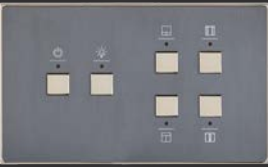
SMART SWITCH
4 BUTTONS



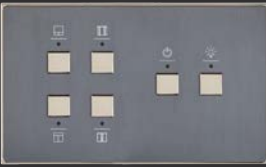
SMART SWITCH
6 BUTTONS



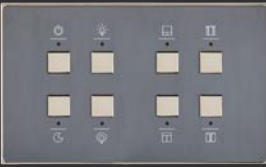
THERMOSTAT
WITH BUTTONS



SMART SWITCH
2+4 BUTTONS



SMART SWITCH
4+2 BUTTONS



SMART SWITCH
4+4 BUTTONS

Italian Standard



CARD READER
(NO BUTTON)



CARD READER
WITH BUTTON



CARD HOLDER
(NO BUTTON)



CARD HOLDER
1 BUTTON



CARD HOLDER
2 BUTTONS



SMART SWITCH
1 BUTTON



SMART SWITCH
2 BUTTONS



SMART SWITCH
3 BUTTONS



SMART SWITCH
4 BUTTONS



SMART SWITCH
6 BUTTONS



SMART SWITCH
8 BUTTONS



THERMOSTAT
WITH BUTTONS



DUETTO

Duetto combines the power of Micromaster and the Vitrum design with the versatility that only a boxless solution can offer.


Highly customisable, this solution is ideal in specific contexts such as renovations, retrofits, virtual Hotels, camp sites, and mobile homes.

Its independence from the need for wall back boxes, and its multiple functionality available in two simple devices, make it a unique solution, easy to install, in which cabling costs and building works are drastically reduced.



DUETTO
CUSTOMISATION



 **BACKLIT ELEMENTS**
AVAILABLE COLOURS - Red, Green, Blue, Yellow, Cyan, Magenta, White

COLLECTIONS



IN-ROOM BLACK



IN-ROOM WHITE



OUTDOOR BLACK



OUTDOOR WHITE



OUTDOOR IP54 BLACK



OUTDOOR IP54 WHITE



CLASSIC

The traditional series in polycarbonate, is available in standard colours (white, grey and anthracite), and can be coordinated with the glass plaques, to take on an even more innovative aesthetic.

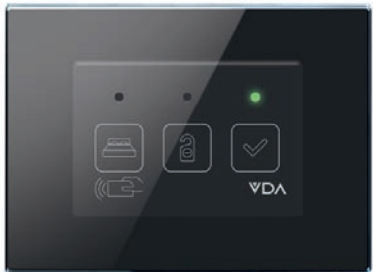
Classic's technical compatibility with Vitrum means it is possible to create mixed systems, or even gradual system upgrades.



COLLECTIONS



OUTDOOR RFID 13.56MHZ
126x95mm



IN-ROOM RFID 13.56MHZ
126x95mm



THERMOSTAT
126x95mm

CLASSIC



OUTDOOR RFID 13.56MHZ
115x80mm

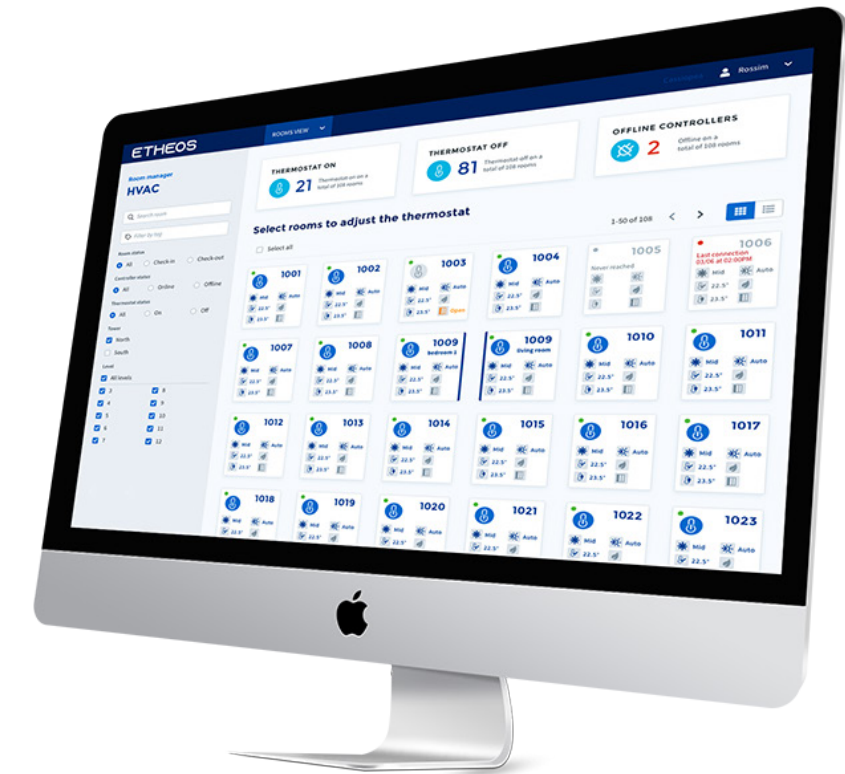


IN-ROOM RFID 13.56MHZ
115x80mm



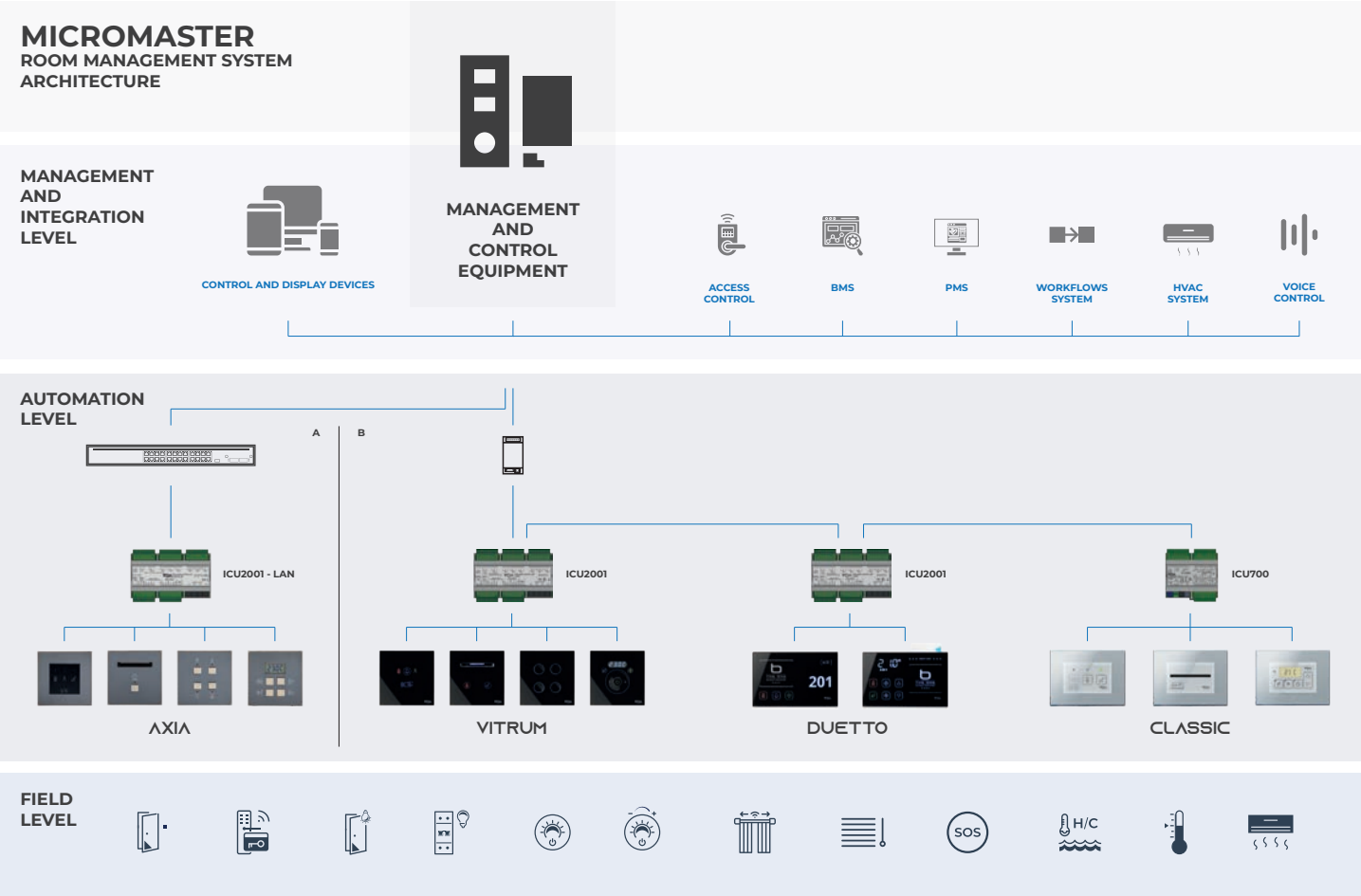
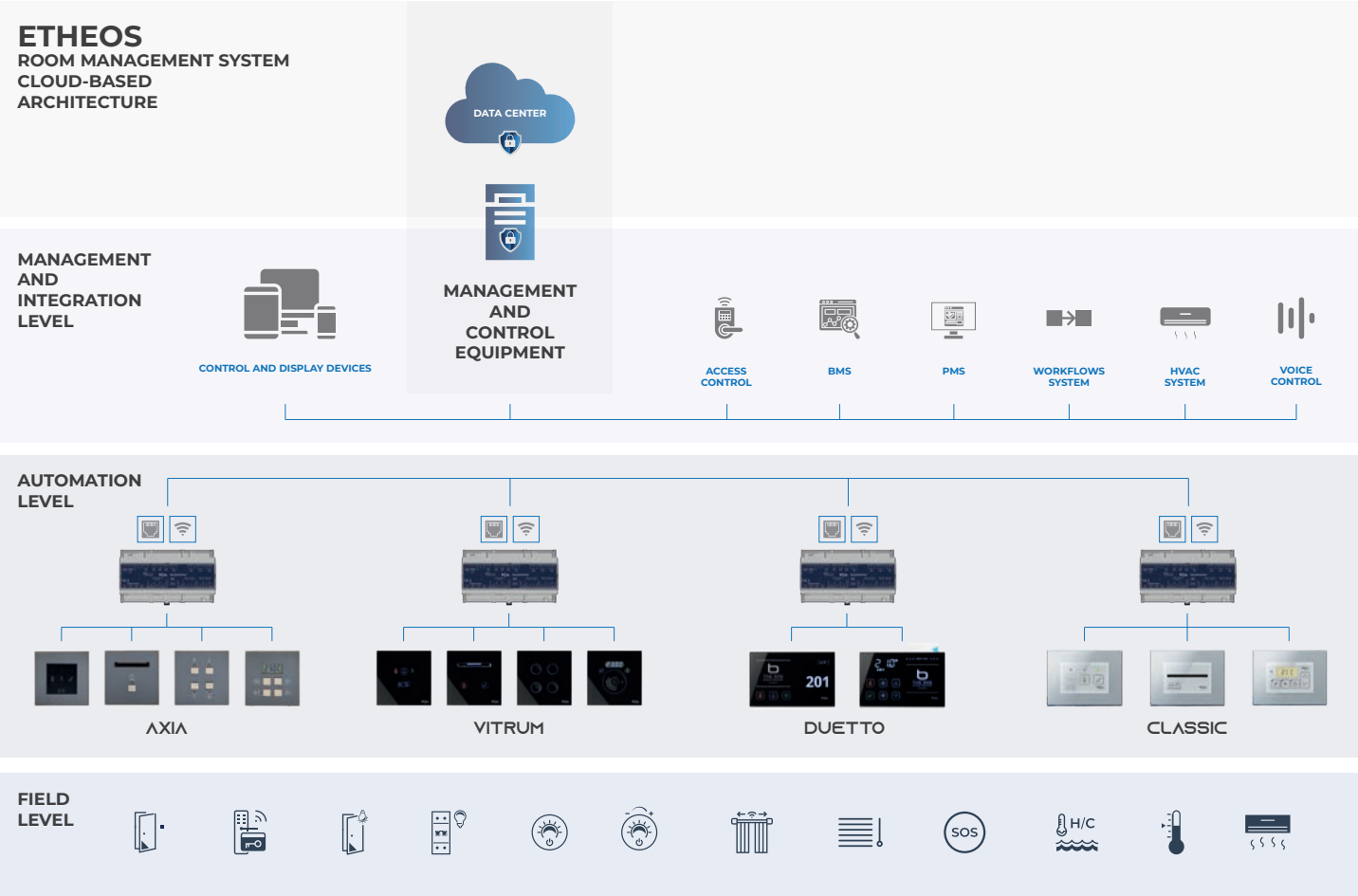
THERMOSTAT
115x80mm

MONITORING & CONTROL



All VDA supervisor software provides clear and easy to use user interfaces, varying from the classic aspect to the most recent cloud-based solution. Our offer is complete with many different possibilities based on different technologies, each designed to simplify the control of guest rooms and other areas of the Hotel.

ARCHITECTURE





ACCESS CONTROL



RFID TECHNOLOGY

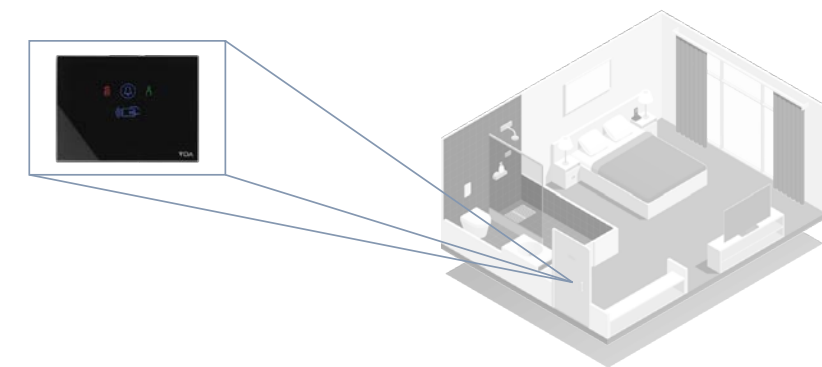
VDA Group's Access Control system is based on the RFID technology, also known as transponder reader: when the guest swipes the key-card, the reader recognises the code and, if it matches with the ones stored in the room's database, the door strike is released and the door can be opened. The same solution can be applied to control front and back of house doors. For sliding doors, garage bars and others, the unit can provide a voltage free contact to activate the gate mechanism.

BLE TECHNOLOGY

The latest technology for the Access Control is the substitution of the key-card with the guest's smartphone, using BLE (Bluetooth Low Energy) technology.

ENTERPLEASE

The VDA smartphone app for both Apple and Android stores, allows you to access your room in total safety and without necessarily having to go through the Hotel reception. The new VDA Group Access Control system, which uses a chip capable of reading both 13.56MHz RFID and key codes encrypted via BLE from a smartphone, guarantees maximum flexibility, safety and ease of use to the client.





Nowadays lights are an important part of the internal design, and the lighting systems are in continuous development.

Every year a new type of LED/protocol enters into the market, as well as low energy consumption bulbs, all requiring a particular type of lighting control.

Our smart switches' collection are mostly used to control lights and light scenarios in the rooms, in order to create a customized welcome and a unique atmosphere.

The Chromotherapy switch is a great example of the union between ergonomics and technology. For this reason VDA Group developed a large range of expansions, to integrate into the room's distribution board, to allow the control of any specific lamp selected by the architect or designer, ensuring the maximum coverage of the market offer.



LIGHT CONTROL

CLIMATE CONTROL



VDA Group can manage any kind of air conditioning system. The client can be completely free to change the temperature settings, but we can also set the system to work within precise temperature settings.

The 'Eco' mode pre-set by VDA Group is not only a comfortable setting for the Hotel guest, but also a green setting that saves energy.



INTEGRATIONS

VDA Group has developed a wide range of integrations, with a very long list of third party systems, in order to synchronize the exchange of information obtained from varying sources, avoiding redundant sensors, and allowing a workflow based on the saving of energy and resources of the structure.

Protocols



BMS

Tridium Niagara - Siemens - Schneider - Honeywell

Door Lock

Assa Abloy - Salto - Dormakaba

Housekeeping

HotSOS

Housing Series

Bticino - Vimar - AVE - Vitrum Design

...

HVAC

Mitsubishi Electric - Mitsubishi Heavy Industries - Daikin - Samsung - LG - Sanyo - Toshiba

...

IPTV System

ONAIR - Xenia - MVI

Mobile App

Arowana - Digivalet - iRIS - MediaConcept - Runtriz

PMS

Oracle Opera - Protel - Ericsoft - Brilliant - GP Dati - 5Stelle - Mews - Infor HMS

...

Self Check-In System

Aitech - Ariane - Kiosk

...

Voice Control

Volara (Amazon Echo, Google Nest)



ENERGY MANAGEMENT SYSTEM



RHAPSODY

Rhapsody is Telkonet's 2nd generation automation platform.

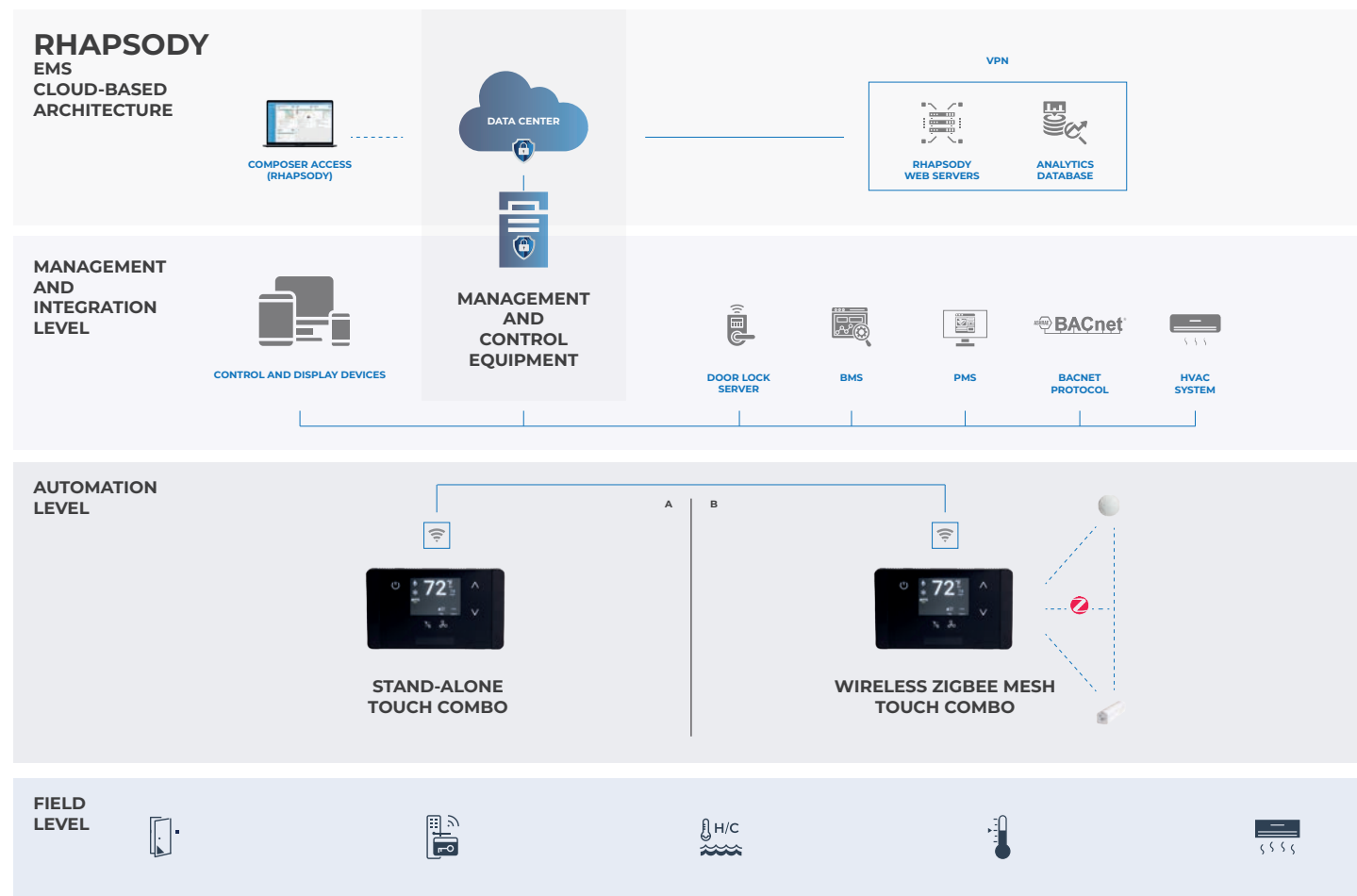
Its innovative open-system technology enables it to integrate with the communication protocols your property already uses: Wi-Fi, Bluetooth, and Zigbee.

System setup and network installation are quick and easy.

And because it's Wi-Fi capable, it saves time, effort, and expense by using existing Wi-Fi access points.

No other technology in the industry is capable of utilizing two different Wi-Fi platforms: one for the resident, and a backup Wi-Fi for the property.

ARCHITECTURE



TOUCH COMBO

Touch Combo is designed for energy efficiency at university housing, senior living, and multi-family facilities; essentially, all properties that already have a robust Wi-Fi infrastructure.

Property owners can control thermostats and the energy use in the building, while also giving their tenants the ability to control their thermostats through their own Wi-Fi via their mobile devices. No other platform today is capable of offering this solution.

Telkonet's Touch Combo features the three most common wireless communication protocols, Wi-Fi, Bluetooth, and Zigbee, all in one device.





PEOPLE-CENTRIC HOSPITALITY



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