

BUILDING MANAGEMENT SYSTEM







OUR PHILOSOPHY

Passion for the research and technology innovation, the will to produce and place on the market reliable and timeless products and a particular attention to the Design, are the foundations of Microdevice's philosophy since 1981.

Microdevice is specialized in Building Automation Systems and offers you customized solutions for professional environments like Hotels, accommodation facilities, hospitals, nursing homes, companies, offices and luxury homes.



ONE HEART FOUR DIMENSIONS

H-Supervisor is the more complete and powerful control system able to manage in “real time” all existing processes in one built. It's the only one with distributed intelligence that enables you to quickly and surely monitor consumptions and wastes, optimizing the available resources.

Microdevice hardware components and software interfaces are perfectly connected one each other to be adapted in every situations: Hotel Supervisor, a quickly centralized system that manages the entire hotel building the complete Hotel building
Hospital Supervisor, the building automation that satisfies all health facilities and home care.
Office Supervisor, the global management supervisor system for offices and warehouses.
Home Supervisor, an intelligent user-friendly system that pays particular attention to the design and to simply manage the technological systems.







HOTEL SUPERVISOR

A modern Hotel has to guarantee an optimal service to the guest, a comfortable location provided with the best technologies, the highest security, the right atmosphere able to raise unique emotions and leave good referrals.

Hotel Supervisor is a functional and complete tool that guarantees to the guest a high quality standard and gives to the hotel owner an easier way to easier manage the building and the service staff.

The Microdevice system assures to get a detailed report of every single room, even for common and technological areas; it allows also to control the guest habits and the staff behavior.

All wastefulness and disservices are avoided thanks to an accurate data collection (top quantity and quality of the info).



HOSPITAL SUPERVISOR

This supervisor system is the more flexible one and it's able to be adapted to the many different needs in every single health facility: integrated and sure impatient call, dynamic control of porter's lodge and wards, detection and warning of alarms and anomalies, access and presence supervisor, employee clock in, supervisor of suppliers and relatives, controlled access for sensitive areas, supervisor of locker lockers and drugs, global manage of all environmental parameters like temperature and air ricycle in every single room, corridors, operating rooms, funeral homes and common areas.

Hospital Supervisor takes correctly charge of the assistance, assures to the guest a short time reply to his call, makes the relatives comfortable about an accurate health care,gives to the medical staff a correct information related to therapy needed, allows the hospital management to get a complete supervision of all distributed services.

A very complete system able to be updated over the years, easily to be installed (the ward won't be closed), ready to be used for sick and elderly home care.







OFFICE SUPERVISOR

An office intelligence 4.0 system that complete answers to the business man's different needs, able to supply data and reliable reports and that makes the the workplaces protected and supervised.

Office Supervisor can collect clear and user-friendly data in real time; these info can be used for the productivity examination, for the control of every single process and staff activity.

The business man feels more comfortable because is able to know everything without asking to none: staff clock-in related to every single access point, break management and adjustment of the location setting, maintenance planning and integrated security through alarm systems.

An industrial system with high technological value born to simplify the business man work without ignoring comfort and design.



HOME SUPERVISOR

Home Supervisor is a flexible system, reliable, simple to be used which never disappoint the user expectations.

A professional tool introduced in the house environment, able to simplify the daily management and control anything off-site by tablet or smartphone. You can control any kind of alarm, water leak, blackout, electric loads balance, scenography setting, lights and curtains rotation, safe access monitor, integrated alarm system and surveillance service interaction. Any anomaly or status change can be set and communicated by e-mail.

Microdevice automation is the only one that gives to the owner all the information he desires about his staff.

Thanks to **Home Supervisor** you can go on holidays or at work mindless.

You'll come back home without unpleasant surprises. (ex. flooding, turned-off boiler, theft, defrosted freezer, damaged electrical appliances caused by electric shocks or a garden to be redone).

A complete system that simplify the electrical, technological and air-conditioning systems through a high design products, totally free colour and shape personalization in order to make your home unique and prestigious.





CLICK&TOUCH LINE



MOTION DETECTOR

Room internal reader that identifies and distinguish every single card user.
It activates the room facilities according to the kind of user: guest, hotel manager, maintenance man, service, security.

ACCESS CONTROL

External reader to access into the room, technical locals, garage, archives, gates, warehouses.. with integrated functions likes doorbell, alarm activation and service signal. Possibility to customize it with specific functions.

STAFF CLOCK IN

Access control and clock in panel with date/ hour/ minute/second collection.

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LIGHTS AND SCENOGRAPHIES MANAGEMENT

“Sensylight” panel for rooms and common areas, up to
8 commands for the control of lights, roller shutters,
scenographies and curtains.

Icones and functions can be personalized for each button.



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TEMPERATURE MANAGEMENT

Control panel provided with display to
manage the air conditioning, ventilation,
°C/°F and lights.

It's available at 5 or 7 customized buttons
with specific functions.

Integrated motion sensor.

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NUMERIC KEYPAD FOR ACCESS

External panel for access management
through secret and univocal code.

Numeric code system that can be
combined with online reservations.



CLICK&TOUCH LINE

Polycarbonate line created to offer the right mix between the design and command simplicity; the choice made is confirmed by the “click”.

The line is provided with blue backlit buttons that shows you the functions even in the dark. Maximum iconographic freedom and widest range of colours.

Each panel is equipped with an high a precision motion sensor and a silicon temperature probe. Plug&play panels are compatible and easily replaceable with the previous lines.

Complete line of external panel for access management in total autonomy and security, through the use of a secret and univocal code, which can be combined with online reservations; numeric code system ideal for unattended structures such as B & B, apartments or residences.



White interior/White frame



Grey interior/Grey frame



Black interior/Black frame



Silver interior/Silver frame



Titanium interior/Titanium frame



Gold interior/Gold frame





LIGHTS AND
SCENOGRAPHIES
MANAGEMENT FROM 1 TO 9



MOTION DETECTOR

Room internal reader that identifies and distinguishes every single card user.

It activates the room facilities according to the kind of user.

“Do not disturb” button is integrated.



ACCESS CONTROL

External reader to access into the room and common areas with integrated functions likes doorbell, alarm activation and service signal. Available also in different sizes.



LIFE&DESIGN[®] LINE



LIGHTS AND SCENOGRAPHIES MANAGEMENT

“Sensylight” panel for rooms and common areas, up to 8 commands for the control of lights, roller shutters, scenographies and curtains. Icones and functions can be personalized for each button.



TEMPERATURE MANAGEMENT

Pannello di controllo con display di visualizzazione per climatizzazione, ventilazione, °C/°F e gestione luci per camere e aree comuni. Disponibile 5 o 7 tasti per ulteriori servizi.



NUMERIC KEYPAD FOR ACCESS

External panel for access management through secret and univocal code. Numeric code system that can be combined with online reservations.



LIFE&DESIGN® LINE

A line based on refined design, created to respond to the requests of the most demanding and advanced architects.

The aesthetic details are taken care of in an extreme way, the choice of metal and the button instead of the touch
it is deliberately designed to meet a need for concreteness and robustness.

Easy to understand and pleasant to the touch, it welcomes the customers who love luxury without compromising on functionality.

Each panel is equipped with a high precision movement sensor and a silicon temperature probe
and touch sensor for activating night functions.

The icons and writings are engraved, are customizable and immediately understandable.

Plug & play panels, compatible and easily replaceable with previous lines.

Complete line of external panel for access management in total autonomy and security, through the use of a secret and univocal
code, which can be combined with online reservations; numeric code system ideal for unattended structures such as B & B,
apartments or residences.



Black



White



Polished
chrome



Satin
chrome



Brushed
gold



Titanium



Dark
bronze



Dark
bronze
brushed



Cast
iron



YOURLIGHT LINE

TEMPERATURE MANAGEMENT

Control panel provided with display to manage the air conditioning, ventilation, °C/°F and lights for rooms and common areas.

It's available at 5 or 7 buttons for further services.



NUMERIC KEYPAD FOR ACCESS

External panel for access management through secret and univocal code.

Numeric code system that can be combined with online reservations.



MOTION DETECTOR

Room internal reader in tempered glass provided with a backlit pocket .It switches-on the room facilities according to the kind of user: guest, hotel manager, maintenance man, service, security.





LIGHTS AND
ATMOSPHERES
MANAGEMENT

“Sensylight” panel for rooms
and common areas, up to 8
commands for the control
of lights, roller shutters,
scenographies and curtains.
Icones and functions can be
personalized for each button.

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ACCESS CONTROL

External reader to access into the room and common areas with
integrated functions like doorbell, alarm activation and service signal.
Available also in different size. It can be personalized with signs,
numbers and logos.



YOURLIGHT LINE

The complete line of panels is made of tempered glass, used for the most modern and fine furnitures.
The blue brilliant backlit turns-on when you approach it and the atmosphere will be more comfortable, even in the dark.

The more important feature of this line is the graphic customization which makes every single panel unique.
All icones and signs are made by engraving, personalized and elegant looking.

This line is appreciated by the minimalist lovers.
Motion sensors and high precision silicon temperature probes are integrated also in this line.
Plug&play panels are compatible and easily replaceable with the previous lines.

Complete line of external panel for access management in total autonomy and security, through the use of a secret and univocal code, which can be combined with online reservations; numeric code system ideal for unattended structures such as B & B, apartments or residences.



Black



White





ROLLING STYLE® LINE

TEMPERATURE MANAGEMENT

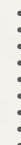
Control panel provided with display to manage the air conditioning, ventilation, °C/°F and lights for rooms and common areas.

It's available at 5 or 7 buttons for further services.



MOTION DETECTOR

Room internal reader that identifies and distinguishes every single card user. It activates the room facilities according to the kind of user: guest, hotel manager, maintenance man, service, security.





ACCESS CONTROL

..... External reader to access into the room and common areas with integrated functions likes doorbell, alarm activation and service signal. Available also in different size.



LIGHTS AND ATMOSPHERES MANAGEMENT

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“Sensylight” panel for rooms and common areas, up to 6 commands for the control of lights, roller shutters, scenographies and curtains and sound. Icones and functions can be personalized for each button.

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ROLLING STYLE[®] LINE

The Rolling Style line is born to think about the future but never forgetting the past.

Shapes and innovative actuators distinguish the line, technological heart and simplified functions, tops.
The main feature is the light scenographies and sound management thanks to a “push&roll” movement:
activation and intensity adjustment of light/sound by using just one button.

The double process of brassing and bronzing makes it more precious; the blu leds and the engraved signs enhance it’s refinement.
The icones and the signs can be personalized and are easy to be understood.

Each panel is provided with a motion sensor and and a high precision silicon temperature probe.

Plug&play panels are compatible and easily replaceable with the previous lines.



Black



White



Polished
chrome



Satin
chrome



Brushed
gold



Titanium



Dark
bronze



Dark
bronze
brushed



Cast
iron



BLUE WAVE LINE

A combination between
Life & Design and Rolling Style Line



ROLLING STYLE LINE

GESTIONE DELLE LUCI E DELLE
SCENOGRAFIE LUMINOSE.

“Sensylight” panel for rooms and
common areas, up to
6 commands for the control of lights,
roller shutters, scenographies and
curtains and sound.



TEMPERATURE MANAGEMENT

Control panel provided with display
to manage the air conditioning,
ventilation, °C/°F and lights for
rooms and common areas.

It's available at 5 or 7 buttons for
further services.

ACCESS CONTROL

External reader to access into
the room and common areas with
integrated functions likes doorbell, alarm
activation and service signal. Available
also in different sizes.



LIFE & DESIGN LINE
LIGHTS AND SCENOGRAPHIES
MANAGEMENT FROM 1 TO 9
BUTTONS



BLUE WAVE LINE

Inspired by the philosophy of Feng shui, we have created a new concept of the panel without borders, in the round, in balance with the environment.

A new shape for those who love soft and elegant lines, compatible with our latest generation buttons.

Complete line of external panel for access management in total autonomy and security, through the use of a secret and univocal code, which can be combined with online reservations; numeric code system ideal for unattended structures such as B & B, apartments or residences.



Black



White



Polished
chrome



Satin
chrome



Brushed
gold



Titanium



Dark
bronze



Dark
bronze
brushed



Cast
iron





SQUARE LINE

LIGHTS AND ATMOSPHERES MANAGEMENT

“Sensylight” panel for rooms and
common areas, up to
4 commands for the control
of lights, roller shutters,
scenographies and curtains and
sound.

Icones and functions can be
personalized for each button.





..... ACCESS CONTROL.

External reader to access into the room and common areas with integrated functions likes doorbell, alarm activation and service signal. Available also in different size.

..... LIGHTS AND ATMOSPHERES MANAGEMENT

“Sensylight” panel for rooms and common areas, up to 4 commands for the control of lights, roller shutters, scenographies and curtains and sound. Icones and functions can be personalized for each button.

..... TEMPERATURE MANAGEMENT

Control panel provided with display to manage the air conditioning, ventilation, °C/°F and lights for rooms and common areas. It’s available with 4 buttons.



SQUARE LINE

 BRITISH STYLE

Aesthetics with attention to the smallest details, to meet the needs of the most refined customers.

A new concept for those who love a sophisticated, minimal, contemporary and refined design.

Materials chosen to satisfy a need for concreteness and robustness, immediate comprehension and pleasantness to the touch.

Made in compliance with the British Styles, for total freedom of use by international hotel structures.

Freedom to create atmospheres with the “Push & Roll” method: one of a kind to facilitate lighting and adjustment of light intensity and / or volume with a single button.

Plug & Play panels, with highly customizable engraved icons and writings.



Black



White



Polished
chrome



Satin
chrome



Brushed
gold



Titanium



Dark
bronze



Dark
bronze
brushed



Cast
iron





ROLLING DESIGN® LINE

LIGHTS AND ATMOSPHERES MANAGEMENT.

“Sensylight” panel for rooms
and common areas, up to
6 commands for the control
of lights, roller shutters,
scenographies and curtains
and sound.

Icones and functions can be
personalized for each button.



TEMPERATURE
MANAGEMENT.

Control panel provided with display to manage the air conditioning, ventilation, °C/°F and lights for rooms and common areas.

It's available at 5 or 7 buttons for further services.

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ROLLING DESIGN® LINE

The Rolling Design® line was born from the merger of the two Rolling Style® and Life & Design® lines to respond in a timely manner to the real needs of the guest: simplicity and immediacy in using the commands.

Two types of buttons in a single panel:
the classic “ON / OFF” from the Life & Design® line and the “PUSH & ROLL” from the Rolling Style® line.

This new line can also host, at the same time, a high-precision motion sensor,
a silicon temperature probe and a touch sensor for activating the night functions.

Any writings and / or icons are laser engraved and can be customized according to different needs;
a wide range of colors and the possibility to choose particular finishes for both the buttons and the plate.

All Microdevice lines are Plug & Play and interchangeable with each other.



Black



White



Polished
chrome



Satin
chrome



Brushed
gold



Titanium



Dark
bronze



Dark
bronze
brushed



Cast
iron







THE RESEARCH OF MATERIALS

The innovation is a process which requires a technological know-how that Microdevice learned along the years. Microdevice always finds the right answer for demanding customers and architects.

A research based on the synergy among experts who become an unique team aimed at realizing something amazing beyond the limits.

Each project is rare, starting from the choice of materials up to the colours, shapes and dimensions of the buttons, icons and signs are studied in order to create an aesthetic balance able to be integrated in the locations, tops.



THE ICONOGRAPHIC RESEARCH

Microdevice has industrialized a process of detailed personalization aimed to set imagination free and making the command more clear at a glance.
You'll never need to look at the instruction manual.







MANAGEMENT AND SUPERVISION



PRECISE CONTROL OF
ELECTRICAL AND WATER
CONSUMPTIONS



SMART MANAGEMENT OF
INTERNAL AND EXTERNAL
ACCESSES



TEMPERATURE
SUPERVISION OF
EACH AREA



ALARM AND ANTITHEFT
SYSTEM FUNCTION



IRRIGATION AND
OUTDOOR LIGHT
MANAGEMENT



A.H.U. CONTROL
AND ADJUSTMENT



RGB

LIGHT AND WELCOMING
SCENOGRAPHIES



COMMAND OF CURTAINS,
ROLLER SHUTTERS,
SKYLIGHTS, GATES,



ENVIRONMENT TIMED
FRAGRANCE



HEATING
AND SOLAR
MANAGEMENT



ONLINE MINI-BAR
CONSUMPTIONS



LOCKERS AND SKI ROOM
ACCESSES



ONLINE SAFE



ELEVATOR
SUPERVISION



WARNINGS AND
ANOMALIES





ROOM MANAGEMENT SYSTEM

La gestione di una camera o di una stanza è l'elemento fondante di un qualsiasi edificio.

Nel corso dell'ultimo decennio abbiamo assistito ad un'evoluzione radicale della camera d'hotel
che ha fatto da traino a tutto il settore del Design e dell'architettura.

Oggi un'abitazione di lusso o una residenza per anziani si ispira ai modelli creati per gli alberghi di tendenza.
Microdevice ha saputo interpretare il cambiamento trasformando un'esigenza emozionale in prodotti
e soluzioni uniche e all'avanguardia.



Lights and scenographies commands and coordinated socket kit with plate.



6 personalized buttons panel and coordinated plate with USB and power socket



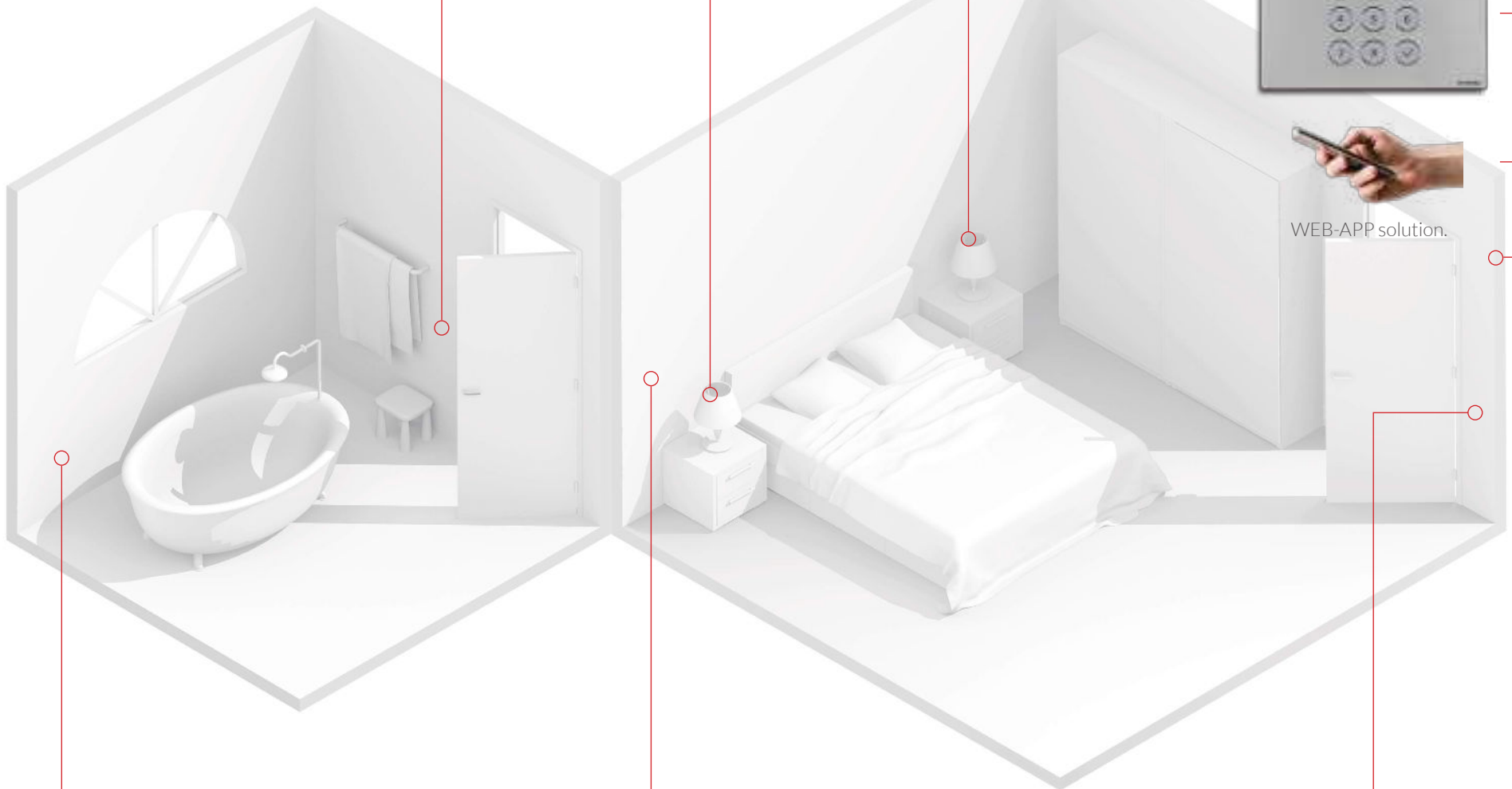
External room reader with bell, "do not disturb" led and make-up room function or numeric keypad.



Night table panel with related inox support, 8 personalized buttons.



WEB-APP solution.



6 commands thermostat.



6 commands thermostat with PIR SENSOR.



Internal room reader with "do not disturb" function.





TWO BUTTONS 1000 MOODS

When the emotion becomes light, Microdevice answers with a unique and wide proposal.

A few simple and immediate gestures create the right atmosphere for each location.





4.0 TECHNICAL INSTALLATIONS

The technical installations are the beating heart of a building: you can't live a satisfying experience if you don't live in a comfortable place.

In the past twenty years Microdevice developed, together with experts of the sector, an advanced control system able to be adapted to every single need and unpredictable situations.

A technical installation planned with these features is correctly sized, it's easy to be upkept and assures you an important saving both for costs and longevity of the investment.







CONTINUOUS INNOVATION

Microdevice is a company in constant evolution based on research and development.

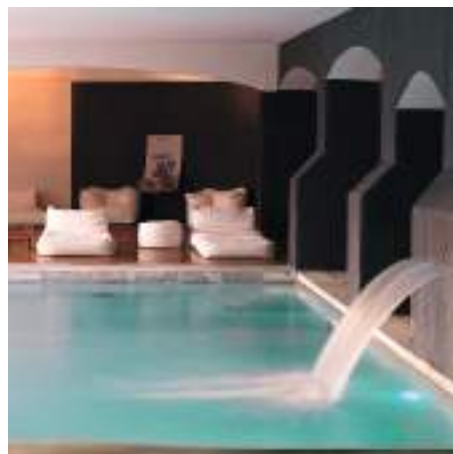
After the big success of the Mini-bar Online and Safe Online patents, created ad hoc for the hotels, Microdevice launches the new solution to manage and control on time the electrical loads: M-ANT.

M-ANT completes the building management: it supervises the traditional electric meter and alternatives energy systems in order to get an immediate feedback about the real consumptions and anomalies; unexpected power shortage are avoided.





UNLIMITED APPLICATIONS





INTEGRATED SYSTEM

EACH NEW PROJECT LED US TO DEVELOP AD-HOC INTERFACES IN ORDER TO ALWAYS FULLY ANSWER TO OUR CUSTOMERS.



MANAGEMENT SYSTEM:

- Dect, phones, internal intercoms and beepers
 - Ciao Manager
 - Elle hotel (Ebis Computer)
 - Fidelio Opera (Oracle)
 - Geasystem
 - Gestione Albergo (Gialb)
 - Hotelcube (Proxima Service)
 - Leonardo (GestioneAlbergo)
 - Nuconga (Evolc)
 - Orange Suite (Orange Lab)
 - PAR Springer Miller Systems
 - Protel (Serenissima Informatica)
 - Sanità
 - Soap, interfaces able to exchange information with public entities
 - Scrigno Front Office (GP Dati)
 - Syshotel Genius (Sysdat Turismo)
 - Suite 4°, Hotel 4°, Hotel 3° (Ericsoft)
 - TuttiXte, management system for healthcare
 - Infor
 - ...
- **Smart Room Management Partner:**
Okkami



AIR-CONDITIONING SYSTEMS:

- Aermec
- Clivet
- Daikin
- Hitachi
- LG
- Messana
- Mitsubishi (Mitsubishi Electric e Mitsubishi Heavy Industries)
- Panasonic – Sanyo
- Samsung
- Swegon
- Toshiba



LOCKS:

- Agb
- Cisa
- Iseo serrature
- VingCard
- Dormakaba
- ...



LIGHTS:

- Dmx
- Dali
- 0 – 10 v
- Pwm (Power modulation)



FIRE SYSTEMS AND EMERGENCY LIGHTS:

- Dicube allows to access the data of emergency light devices
- Notifire, fire escape
- ...



SKIPASS AND PUBLIC ACCESSES:

- Skidata allows to use ski passes to access into the hotel rooms, common areas, parking lots, football fields, arenas, theatres
- ...



WEB BASED

- Web application through browser
- M-ANT app for android and IOS
- Cloud Software for client-server system
- ...

HOME
SENSORI

Corpo A

- Piano Terra
- Piano Primo
- Piano Secondo
- Piano Terzo
- Piano Quarto
- Piano Quinto

Corpo B

Corpo C

Impianti Tecnologici

INDIETRO Corpo A Piano Terzo

Filtra Dispositivi



MICRODEVICE AROUND THE WORLD





light speaks





Passion design technology since 1981.

microdevice.com

