MACH®

Majur Advanced Hotel Controls

Intelligent hotel room automation systems, increasing profits and saving natural resources.

MAJUR ADVANCED HOTEL CONTROLS

MAJUR

The MACH solution, cost effective, giving YOU control, delivering enhanced profits & reputations.

Integrated heating, air conditioning, lighting, water consumption, room management and access control

The challenge

Room controller, card holder, access reader, A/C heating control, wired or wireless window, balcony door, mini bar and flood control units.
"Plug & Play" self diagnostic system. Not polarity sensitive and short circuit tolerant. In the event of power failures room controller retains guest information and room functions normally, giving guests flaw free experiences.
MACH® designed by hoteliers for hoteliers, fully designed and manufactured in Croatia to exacting standards for your peace of mind and delivering the best guest experience from your economic and efficient hotel. Currently controlling 1,000's of rooms, delivering increased profits for satisfied hoteliers. Contact us now to discuss your potential savings and solutions with our advisors.

The solution?

MACH® energy & access automation system

Traditionall solutions have been employed to address energy, access, heating, air conditioning, security, room management, SOS alarms and so on. Pressure to reduce the supply costs of these solutions can be ineffective due to the disparate nature of the supply chain. The result is hidden costs in 'fuzzy' interfaces. Wasted time and money.

MACH® is a fully integrated solution to automated room and energy management, incorporating all the benefits of a single source supplier, removing wasteful and costly interfaces between systems and enhancing operator and business efficiency.

Using the MACH® system the hotelier can control how much energy the guests consume, no more over heated rooms, lights left on, windows left open, flooded bathrooms, wasted hot water, TV's left on while guest is in the

bar, and much more. Keys are RFID tags, they cannot be copied. Each key is unique to that guest and their room, on that date.

• Enhance your guest comfort
• Gain significant energy and operational cost savings
• Increase your profit
• Reduce your carbon footprint with the intelligent MACH® room automation system.

In a world of diminishing resources, your customers are more environmentally aware and expect high ethical and sustainability standards from their hoteliers and flawless experiences.

MACH® will help you deliver to those exacting standards, and improve your profits.

CALL US TO DISCUSS YOUR REQUIREMENTS

The system

To respond to the international element of hotel usage and operation, guest interface panels will display information in the guest's chosen language. Similarly the operators can log into the system in different languages at the same terminal.

The operator can also log in remotely to the system via a suitable web browser.

Benefits include:

- Direct increase in profits
- Monitored access control
- Efficient and effective control of staff
- Energy savings
- Carbon reduction
- Puts you in control of your energy consumption
- Added security for the benefit of all, e.g. unauthorised entry attempts from stolen card trigger silent alarm on reception
- Full traceability, excellent dispute resolution.
- Enhanced marketing possibilities. Appeals to the demanding clients
- Whole life cost proven
- Minimal maintenance
- Real time web enabled system

- allowing remote access and support functions reducing management time.
- Wireless peripherals such as window switches, flood control, and SOS alarms, minimising installation time and disruption.
- Plug & Play units allowing for very quick replacements by your own maintenance staff should the need arise. Safe low voltage system.
- Full production and stock service held in Croatia, (often in the client's own premises) for speedy response.
- Integration with other systems in the hotel.
- 25% of installation works compared to other similar systems.

Management reports from the MACH® system include:

- Room cleaning allocation and times, staff response and availability.
- Access reports identify who entered the room and when. Great dispute resolution tool.
- Maintenance regime, manage-

- ment, time and costs.
- Repair and replacement of room essentials in priority order.
- Alarms, identification and response
- Or any other required by management.

Real time, user friendly and multilingual user interface with unlimited web clients.

For the MACH® installation each room can include:

- Room controller
- RFID card reader
- Card holder
- Occupant panel
- Electric door strike
- Door and window switches
- SOS switches
- Mini bar opening detectors

- Flood sensors
- Additional temperature sensors
- Wireless module
- IR air conditioning controller
- Curtain control
- Exterior shade control.
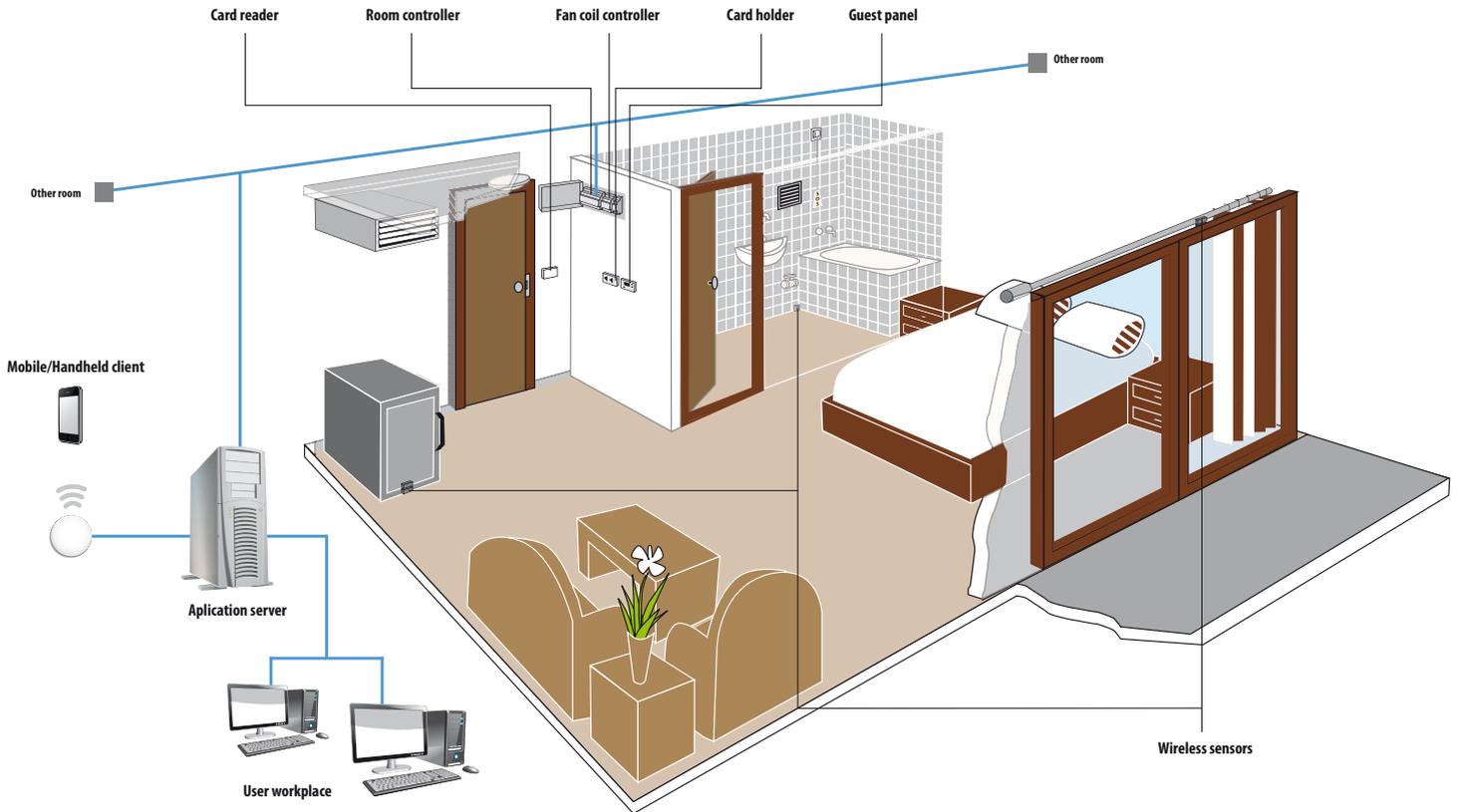
Centrally located equipment:

- Server
- MACH® software
- RFID card activators
- Unlimited number of clients
- No client software required (WEB based)

MACH® Intelligent room automation systems
Turning your hotel into intelligent and profitable accommodation

Card reader   Room controller   Fan coil controller   Card holder   Guest panel

Other room

Other room

Mobile/Handheld client

Aplication server

User workplace

Wireless sensors

Technical Data

The MACH® system of room automation components:

Room controller, card holder, access reader, A/C heating control, wired or wireless window, balcony door, mini bar and flood control units.

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For detailes: www.machsystem.com

Card reader - provides easy room access for your guest as well as vital information for your staff.

Card holder - designed according to the highest ergonomical requirements with illuminated card gap.

Guest interface panel - welcomes your guest in his/her native language and letter with MACH graphic display and touch buttons.

Broadest selection (30+) of decorative cover plates. From classic to luxurious architect's requirements. (by Vimar)