

Messerschmitt



GUEST ROOM  
MANAGEMENT SYSTEMS

# DESIGN, FLEXIBILITY AND QUALITY

Messerschmitt Systems GmbH is a leading manufacturer of key card and guest room management systems. Our flexible, modular systems make it possible to meet all the requirements of our customers, hotel groups and interior designers.



## FLEXIBILITY

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Our interfaces allow us to connect with most third-party systems and our technical team is always on hand to ensure seamless integration.



## QUALITY

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With years of experience and thousands of projects successfully completed you can be rest assured you are in the best hands. We guarantee that every item is produced to the highest possible standard – Made in Germany.



## INDIVIDUAL SOLUTIONS

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Our production facility in Germany can produce one-off bespoke pieces matching your exact requirements. Let us help you find the perfect solution for your hotel.



## SUSTAINABILITY

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Saving energy is not just about saving money, it's also about saving the planet reducing your ecological footprint. Besides saving money the environment will thank you for using our sustainable systems.



# INDIVIDUAL SOLUTIONS

Our Guest Room Management System can be custom-made to suit any design ideas and programming requirements you may have. We take great pleasure in creating solutions that match your wishes and needs, that will increase customer loyalty, satisfaction and your return on investment.

We will find the perfect solution for you!

# GUEST ROOM MANAGEMENT SYSTEMS

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- Improved comfort for guests
  - Simple management system
  - A unique experience for all
  - More customer satisfaction and loyalty
  - Improves overall image of hotel
  - Superior energy management
  - Offers guests a better service

When guests feel at home in your hotel, it leaves a lasting impression that they never forget. Most guests want a comfortable and inviting atmosphere helping them relax at the end of the day.

It's not only your guests who will be enthusiastic about our Guest Room Management Systems offering optimal energy management and easy resource planning in your hotel, improving your return on investment.

Do you want no restrictions when designing your hotel? Thanks to our flexible production capabilities and tailor-made designs you don't have to limit yourself.

# OPTIMAL EFFICIENCY

WHILE YOUR GUESTS ARE AWAY



## SAVE MONEY

### Lower your energy costs

Our Guest Room Management System allows you to set an upper and lower temperature limit helping minimise energy usage in the hotel room reducing running costs.



## ACT QUICKLY

### Adjust the conditions

With our motion sensor you can automatically adjust the conditions in any room. Using a microwave sensor, our management system can tell when the guest is away and automatically regulate the room temperature, optimising energy consumption



## ACT EFFICIENTLY

### Act sustainable and cost efficient

Interacting directly with third-party systems you can regulate the temperature of empty rooms.



### Control Panel

Guests can operate this without any need of explanation.

### Control Panel

Even complex functions can be operated easily and concisely on our landscape panels.



### Thermostat

Offers everything you need to create the perfect feel-good climate.



### Energy Box

Guest's status messages help manage hotel processes intelligently and efficiently. Seamlessly integrate into PMS systems.



### Floor Reader Panel

Use your creativity for an information panel in front of every room, with complete freedom to choose colour and size.



# OVERVIEW OF FUNCTIONS

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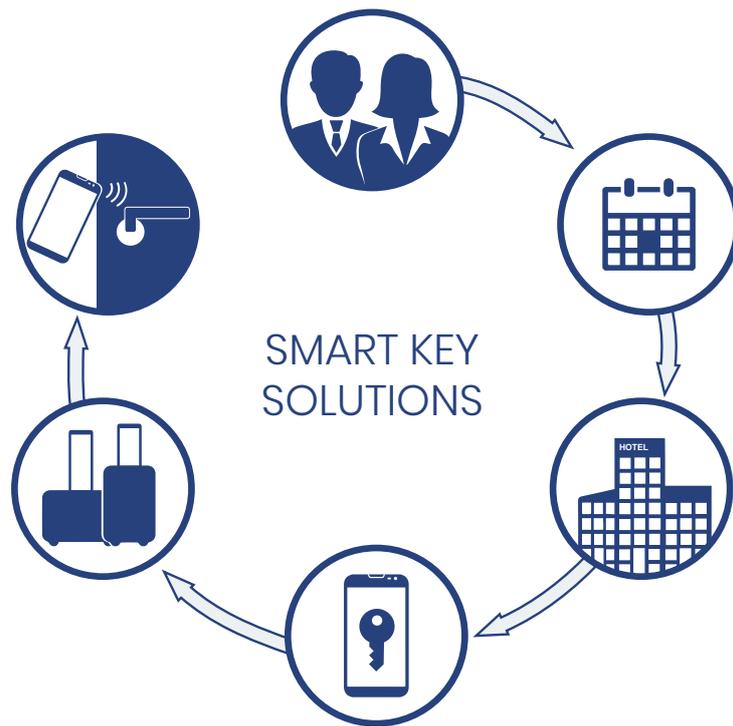
# ACCESS CONTROLS

## EASY ACCESS USING SMARTPHONE OR KEY CARD

A fully integrated access control solution using the latest RFID Technology with an optional blue-tooth connector that offers easy access for guests. There are many special functions available for say, a welcome home scenario or individual access scenarios for the room service team.

The guest room management system allows cost-effective integration without the need for additional interfaces or separate data networks. Our transponder reader can be used with a classic key card or a smartphone via a 'Smart Key' function to operate different toggles. If you want specially designed key cards, we are more than happy to do this.





# THIRD PARTY INTEGRATION

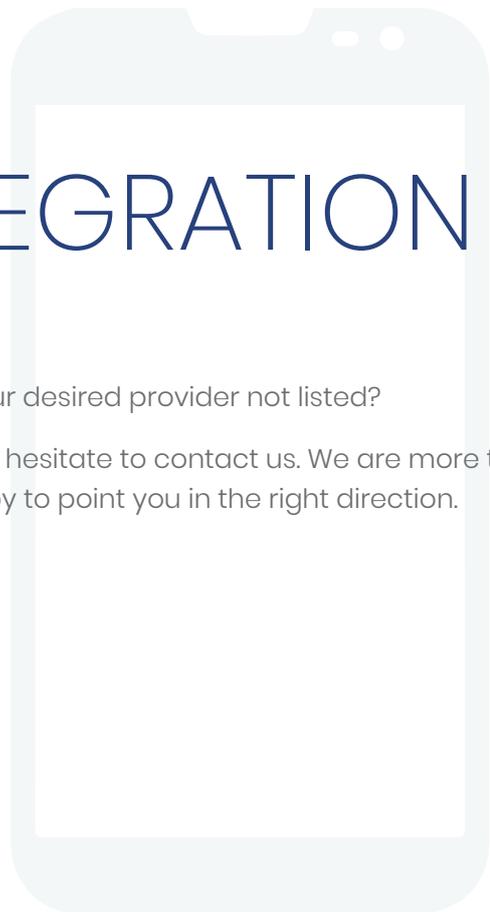
## DOOR OPENER APPS

The easiest way to offer your guests the Messerschmitt Smart Key Feature is by installing the Messerschmitt Smart Key Software Development Kit. Guests can then download your hotel app giving them full access to all necessary rooms.

There are many independent third-party suppliers already benefiting from installing our Messerschmitt Smart Key door opener app, improving their guests' experience.

Is your desired provider not listed?

Don't hesitate to contact us. We are more than happy to point you in the right direction.



# CLIMATE CONTROL

## INDIVIDUAL ROOM CONTROL AND ROOM OPERATION

Our thermostats look very prestigious, made of real glass with an integrated temperature sensor. Installed in the living area of the room, it keeps the room temperature constant that the guest has chosen. The self-explanatory intuitive icons ensure high user acceptance, which is very important to us.

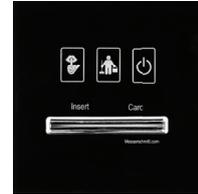
The room controller, when connected to the Guest Presence Monitoring Sensor switches to ECO-mode whenever the guest is away. After departure of the guest, the room automatically switches to sleep-mode reducing energy costs even further until the next guest checks-in.





# ROOM STATUS

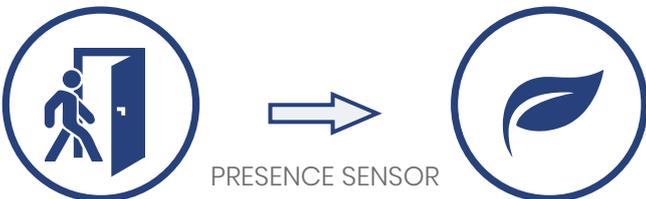
Messerschmitt uses numerous sensors and routines to detect when your guest is present. The two most common methods are the motion sensor and the energy control box.



Using the accumulative results, energy-saving modes can be triggered to reduce energy consumption in the room to a bar minimum.

## SAVE ENERGY

Using the above scenario, you can save energy and help protect the environment at the same time.



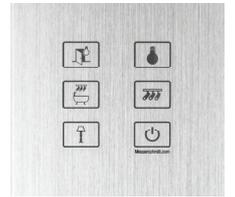
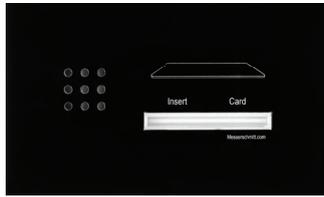
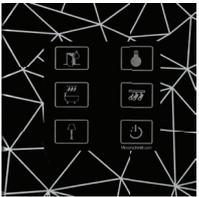
# INTELLIGENT PANELS

## OUR IN-HOUSE PRODUCTION FACILITIES MAKE EVERYTHING POSSIBLE

We offer bespoke solutions that perfectly match the functionality required in guest rooms and suites together with complete operating concepts that are individually customised to them. Intuitive icons and stylish surfaces made with tempered glass, give your guests a unique and highly satisfying experience. You can choose colour, shapes, frames and icons, and decide if you want an optical, tactile or acoustic feedback as confirmation of the function.

All functions can be configured for a night-mode as well. Anything from a single function up to 16 functions, opens up a multitude of possibilities. Besides offering our standard product line, it's our pleasure to show you our special designs with the various push button options. We look forward to advising you personally, to help you find the best possible solution that suits your needs.





## CONTROL PANEL CHARACTERISTICS

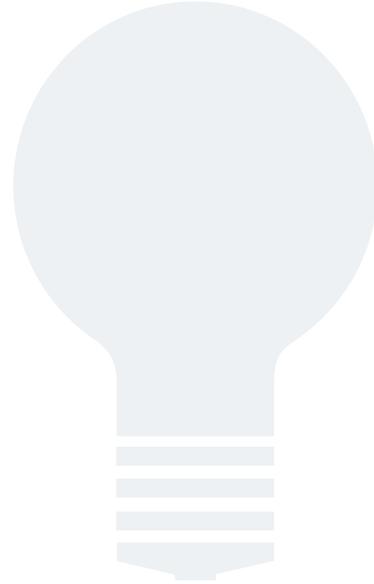
- Tempered glass
- Mix of icons and text
- Backlit icons for night-time visibility
- Multi-colour status LED
- Dimmable lights
- Built-in presence sensors (PIR)
- Multi-purpose panels: lights, air-con, services
- Multi-standard wall mounting
- Modular concepts

# LIGHTING CONTROLS

## SWITCHING – DIMMING – ROOM SCENARIOS

In addition to the usual lighting sources, Messerschmitt offers high-quality lighting concepts to create light scenarios. Lighting can be controlled by the guest via the control panel to create an individual feel-good atmosphere.

Pre-programmed lighting scenarios, such as TV light or working atmosphere create an unforgettable ambience for the guest. Various switches and dimming options enable multifaceted scenarios.

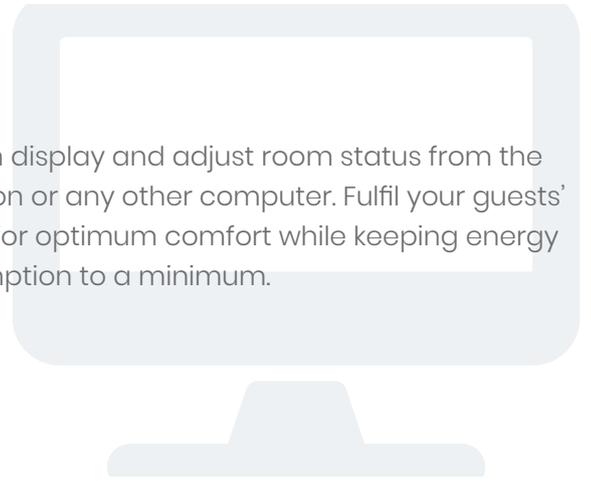




# MONITORING

The main dashboard for hotel personnel, gives you complete control to change room temperatures, view and control room scenarios, monitor energy consumption and check the guests' status. The Guest Room Management System can be used as an interface between the BMS and the PMS of the hotel.

You can display and adjust room status from the reception or any other computer. Fulfil your guests' wishes for optimum comfort while keeping energy consumption to a minimum.



- Control room status
- Overview of room numbers
- Individually control each room
- Activate and deactivate individual devices
- Overview of which guests are present
- Control lights, curtains and temperature
- Monitor the alarms

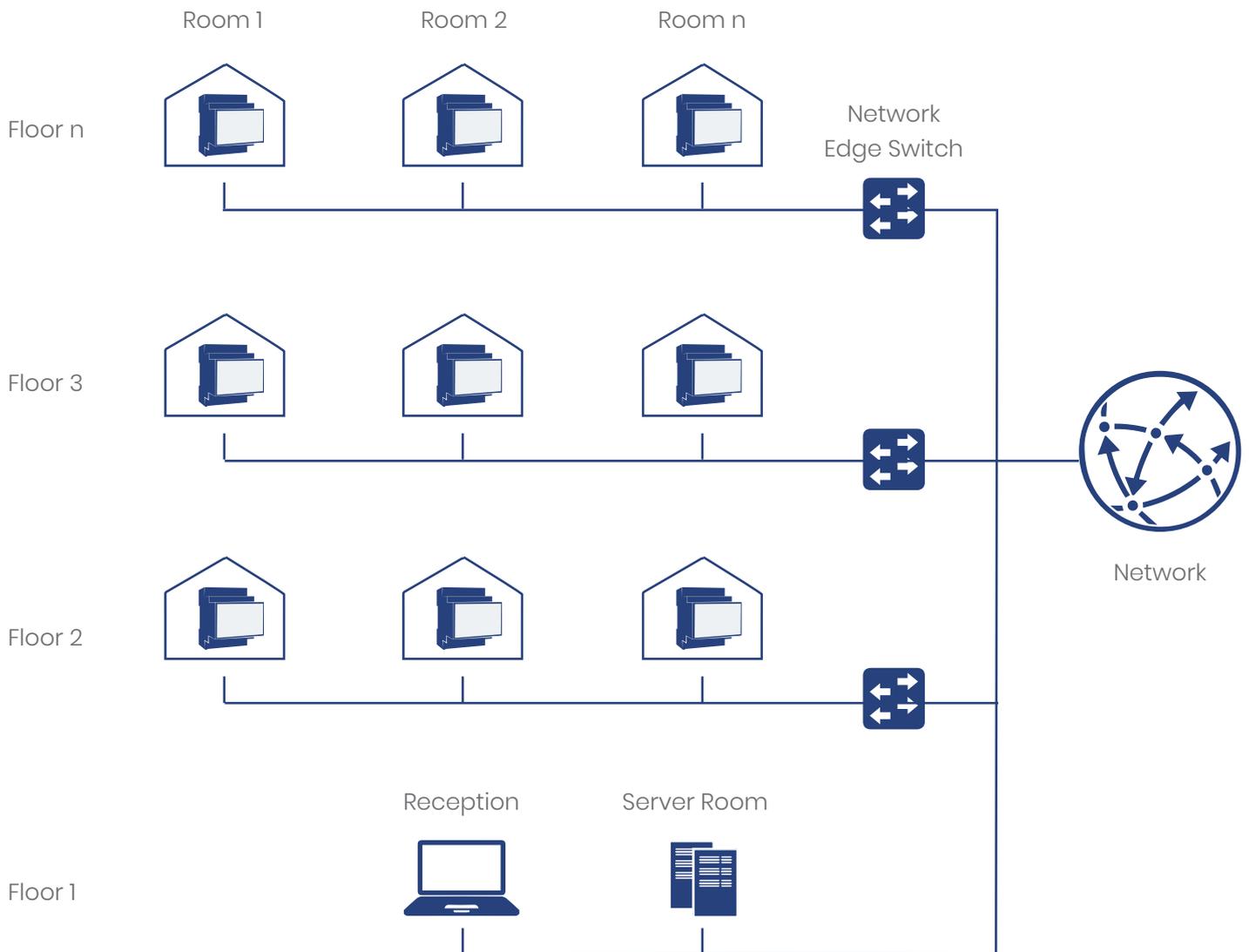
# BUILDING AUTOMATION

Modern buildings increasingly rely on complex technical solutions to improve guest satisfaction and fully exploit energy saving potentials. You can control all these systems and functions individually. Our systems run entirely in the background requiring no specialist know-how by the operator.

The Room Management System from Messerschmitt seamlessly connects to your PMS.

Each room is a self-contained unit, and even in the event of a network failure everything will continue to function as usual.

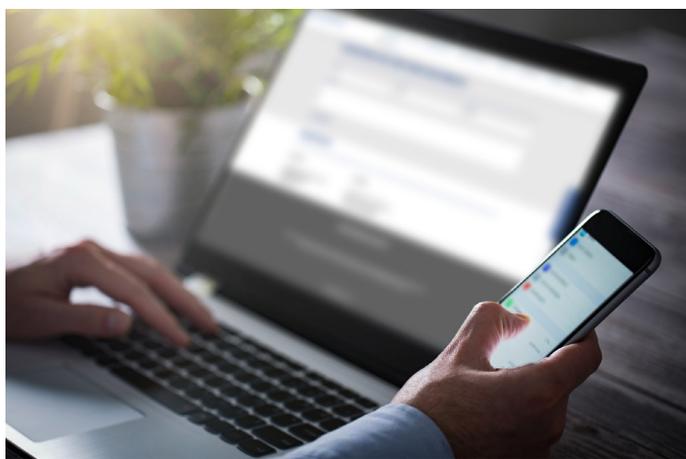
At the front office (dashboard), you have an overview of all functions of each room and can react from there at any time.





# ABOUT US

We are a leading manufacturer of electronic key card systems and guest room management systems with more than 20 years' experience. Over 2,000 hotels worldwide rely on Messerschmitt products.



## CONTACT US

E-Mail: [info@messerschmitt.com](mailto:info@messerschmitt.com)

Web: [www.messerschmitt.com](http://www.messerschmitt.com)

Tel: +49 (0) 911 91 999 0

Fax: +49 (0) 911 91 999 99



## VISIT US

Messerschmitt Systems GmbH

Friedenstraße 3

90571 Schwaig

Germany

# REFERENCES



## CREATIVITY FROM EVERY ANGLE- THE NEW LUXURY LIFESTYLE HOTEL

Our intelligent building control system measures the weather values outside to ensure optimum climate management of the networked rooms. This enables our customers to achieve enormous savings in energy costs.

## A LUXURY HOTEL IN THE HEART OF VIENNA

A high degree of flexibility was needed to meet the requirements of a hotel with such a unique interior design and high-quality equipment. Products were individually manufactured, and we were able to implement this demanding project to their complete satisfaction.



## NEW HOLIDAY PERSPECTIVE

The design and look of our products convinced this most luxurious resort on the Black Sea coast. Messerschmitt products support in all areas, with a fully networked room control system including our key card systems.

## ADINA APARTMENT HOTELS

Adina has trusted Messerschmitt systems for many years. During our longstanding partnership, we have fitted numerous Adina houses with key-card and room management systems. We look forward to working on more projects together.



## THE LUXURY LAKESIDE HOTEL IN GERMANY'S LARGEST WATERFRONT CITY

The room management system at The Fontenay was produced in a special light champagne colour to further enhance the atmosphere in the rooms and complement the high-quality furnishings. We can produce our products in any RAL colour.



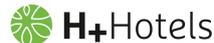
THE FONTENAY  
HAMBURG



HOTELS  
WORLDWIDE

## DUTCH HISTORY AND VISIONARY DESIGN

As modern as this house is, so is the guest room management system installed by Messerschmitt, which is designed to ensure an unforgettable stay in all rooms and suites.



# Messerschmitt

## **Messerschmitt Systems GmbH**

Headquater Nuremberg  
Friedenstraße 3

D-90571 Schwaig

Phone +49 (0) 911 91 999 0

Fax +49 (0) 911 91 999 99

E-Mail [info@messerschmitt.com](mailto:info@messerschmitt.com)

Factory Zella-Mehlis  
Meininger Straße 33  
D-98544 Zella-Mehlis

Phone +49 (0) 3682 854 0

Fax +49 (0) 3682 854 22

E-Mail [info@messerschmitt.com](mailto:info@messerschmitt.com)

## **Messerschmitt International GmbH**

Office Vienna  
Hackhofergasse 1  
A-1190 Wien/Vienna

Phone +43 (0) 676 411 5696

E-Mail [ernst.franz@messerschmitt.com](mailto:ernst.franz@messerschmitt.com)

## **Messerschmitt International**

Unit No: 909 Jumeirah Bay 2,  
P.O. Box 337160  
Jumeirah Lakes Towers, Dubai UAE

Phone +97 (0) 143999324

Fax +97 (0) 143999325

E-Mail [dubai@messerschmitt.com](mailto:dubai@messerschmitt.com)

