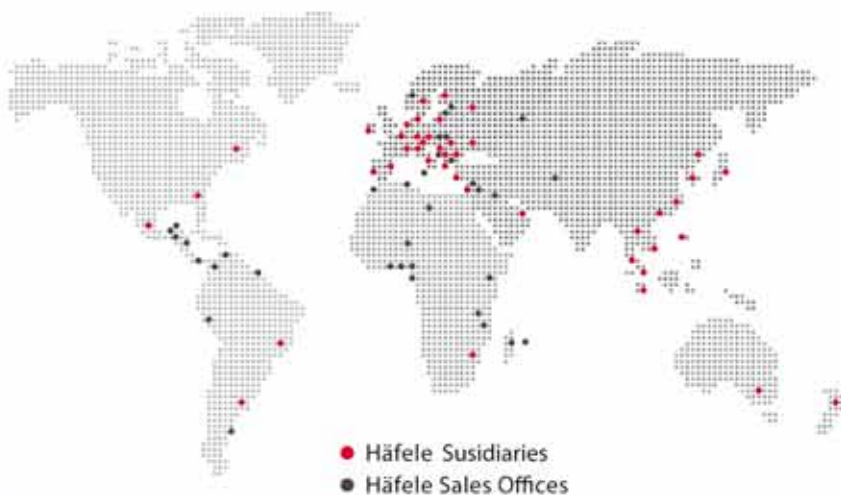


## THE COMPLETE ELECTRONIC LOCKING SYSTEM



# Overview: Häfele Group of Companies



Häfele is an internationally leading supplier of hardware technology for furniture and buildings, as well as electronic access control systems.

<b>Founded:</b>	1923
<b>Revenue 2011:</b>	€ 1.035 billion
<b>Employees in 2012:</b>	approx. 6,150
<b>Key competencies:</b>	Hardware fittings systems and functionality for furniture and buildings, mechanical and electronic locking systems.
<b>Assortments:</b>	Furniture fittings, interior furnishings, consumables and tools, architectural hardware for windows and doors, access control systems
<b>Markets:</b>	Worldwide (approx. 76% export); 37 subsidiaries in foreign countries, numerous domestic and international sales offices
<b>Manufacturing:</b>	4 plants in Germany, 1 joint venture company in Budapest.
<b>Quality assurance:</b>	ISO 9001 + Trust Improvement Program, ISO 14001

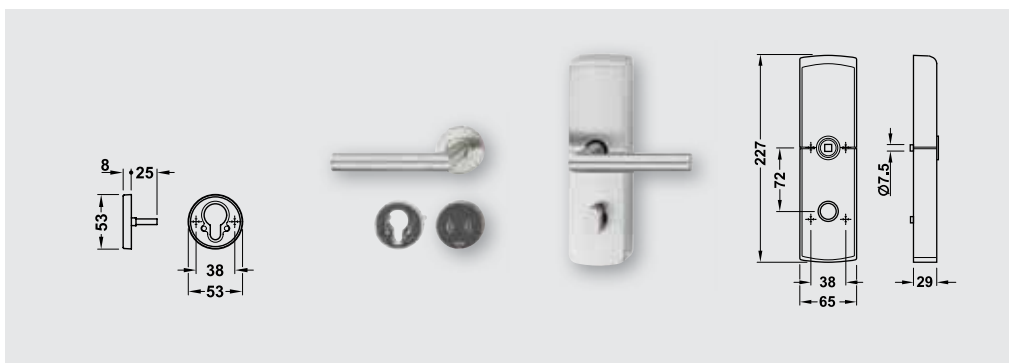




HÄFELE

## Dialock DT 400

The Dialock DT 400 electronic door terminal with rosette and escutcheon from Häfele can complement any hotel design intent. Finish options for the rosettes and escutcheons and the large range of lever handle styles open a multitude of new and individual design options.



DT 400 is the latest generation of touch-free identification and locking systems from the Dialock family. It replaces the combination of mechanical keys and locks completely and offers a significantly greater range of functions. Dialock is very flexible and can be extended at any time, from one to multiple users. The Dialock Hotel identification and locking system is made up of four basic components:

- Electronic keys
- Dialock door terminal - DT 400
- Dialock wall terminal - WT
- Encoding station

Conventional keys are replaced by electronic keys. The keys contain a memory chip on which user data and access authorisations can be stored.

DT 400 can be installed as a basic stand alone version or as a wireless online version for larger projects. Available from 2011, DT 400 goes wireless utilising the Zigbee Platform. You can communicate directly to the DT 400 from the reception desk and can be extended at any time, from one to multiple users. The Dialock Hotel identification and locking system is made up of four basic components:

### Where to install DT 400

#### Project References

The use of DT 400 does not end at the hotel room door. All other doors can be integrated: the lockable room cabinet and furniture safe, the underground garage entrance and the lift.

Complex solutions are implemented with network partners and hotel software providers.

#### Door Terminal DT 400

##### Tag-itTM ISO

- Consists of an inside module / outside escutcheon reader and lever
- Material: Stainless steel
- Tag-itTM ISO 15693 technology
- Full Dialock compatibility
- "Do not disturb" function via thumbturn
- DIN Mounting

##### Tag-itTM Technology

Tag-itTM ISO is a new generation transponder technology in accordance with the globally recognised ISO Standard 15693 from Texas Instruments. Tag-itTM ISO is particularly outstanding due to its rapid signal processing and the availability of low cost data media.

## Dialock DT 210

The DT 210 Dialock door terminal was specifically developed for use in hotels and is distinguished by its special features.



DT 210 is the latest generation of touch-free identification and locking systems from the Dialock family. It replaces the combination of mechanical keys and locks completely and offers a significantly greater range of functions. Dialock is very flexible and can be extended at any time, from one to multiple users. The Dialock Hotel identification and locking system is made up of four basic components:

- Electronic keys
- Dialock door terminal - DT 210
- Dialock wall terminal - WT
- Encoding station

Conventional keys are replaced by electronic keys. The keys contain a memory chip on which user data and access authorisations can be stored.

DT 210 can be installed as a basic stand alone version or as a wireless online version for larger projects.

DT 210 is the latest generation of touch-free identification and locking systems from the Dialock family. It replaces the combination of mechanical keys and locks completely and offers a significantly greater range of functions. Dialock is very flexible and can be extended at any time, from one to multiple users. The Dialock Hotel identification and locking system is made up of four basic components:

- Electronic keys
- Dialock door terminal - DT 210
- Dialock wall terminal - WT
- Encoding station

Conventional keys are replaced by electronic keys. The keys contain a memory chip on which user data and access authorisations can be stored.

DT 210 can be installed as a basic stand alone version or as a wireless online version for larger projects.

## Dialock DT Lite

The basic model DT Lite has been proven a thousand times. The slim plastic housing is available in stainless steel and gold finishes. With a design according to national standards, an attractive lever handle portfolio and the fire rating certificates.



### Dialock DT Lite for Hotel and Residential

- Secure
- Simple
- Convenient
- Economical
- Touchless
- Wear-resistant
- Low maintenance
- Can be retrofitted
- Extendable
- Offline only

Dialock DT Lite is an electronic identification and locking system from Häfele for secure and simple access control solutions for your project.

Dialock DT Lite can be used to flexibly allocate and block access for your guests and staff in hotel and residential applications.

Dialock DT Lite is easy to install or retrofit. The fact that identification is touchless makes the system wear-resistant and extremely low maintenance.

### The Terminal Features

- Consists of an inside module / outside module
- Access integration
- TAG-IT ISO™ 15693 technology
- Fast opening process
- DND function (Do Not Disturb) via thumbturn
- For door thickness 38 - 80 mm
- 1,000 audit trails (Hotel Version only), including unlocking via the use of the electronic card, emergency unlocking via the use of mechanical keys from outside, and opening the door from inside
- Emergency manual key function
- Alarm function: long beep alarm when the latch is maliciously operated or the door is not closed properly

## Dialock DT 600

Attractive door terminal for narrow frame, metal and wooden doors – allows a continuous touchless opening of exterior and interior doors.



DT 600 Door terminal module for interior doors, elegant and slim door terminal (Phönix Design), stainless steel matt, operating unit: Plastic, black polished.

### Functionality

- Battery, operated, intelligent door terminal, touch-free activation with Dialock key
- Blue/red LEDs for indication of locking and unlocking
  - Standard setting: Unlocking with Dialock key and automatic locking after 3 seconds
  - The door can be opened without a key at any time from the inside
  - Mechanical emergency opening possible
  - For service personnel: Indication of programming status and when battery change is required
  - Unlocking and locking with Dialock key (toggle mode)
  - With real-time clock and audit trail of all processes
  - Infrared interface for programming
  - Backplate external module with battery hold
  - Low maintenance
  - Applicable for fire doors

With Dialock DT 600, the electronic access control systems by Häfele are now available for narrow frame doors.

- Rated for exterior use.
- Offers a creative and technically interesting alternative to wired wall readers and electric or electronic profile cylinders.
- Visible reader module with red and blue indicator LEDs.
- Supplied with a mortise lock with emergency opening function when combined with a profile cylinder.





# StarTec DT Lite S2

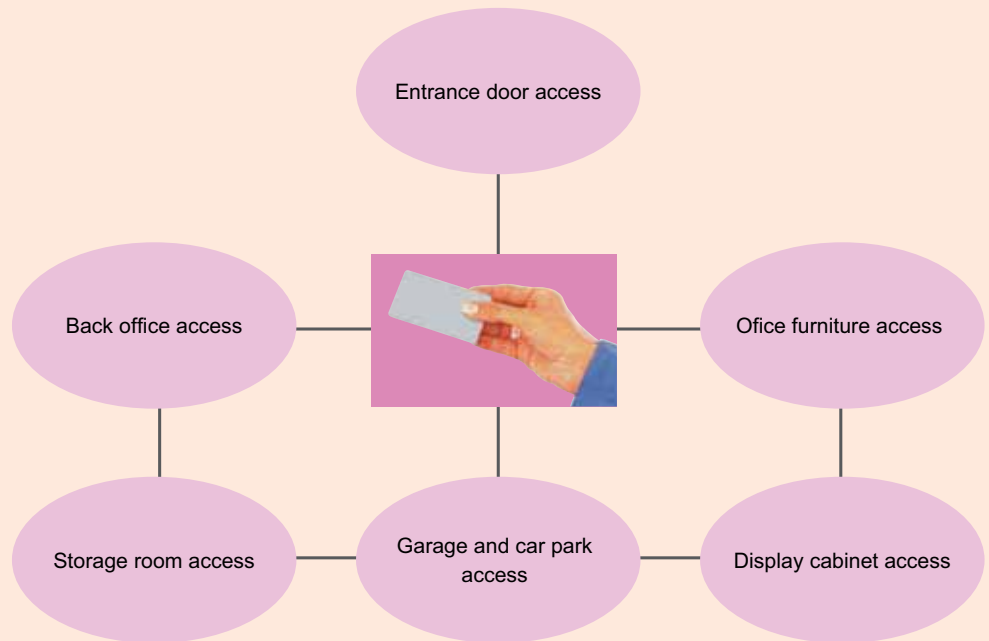
Elegant, secure, convenient



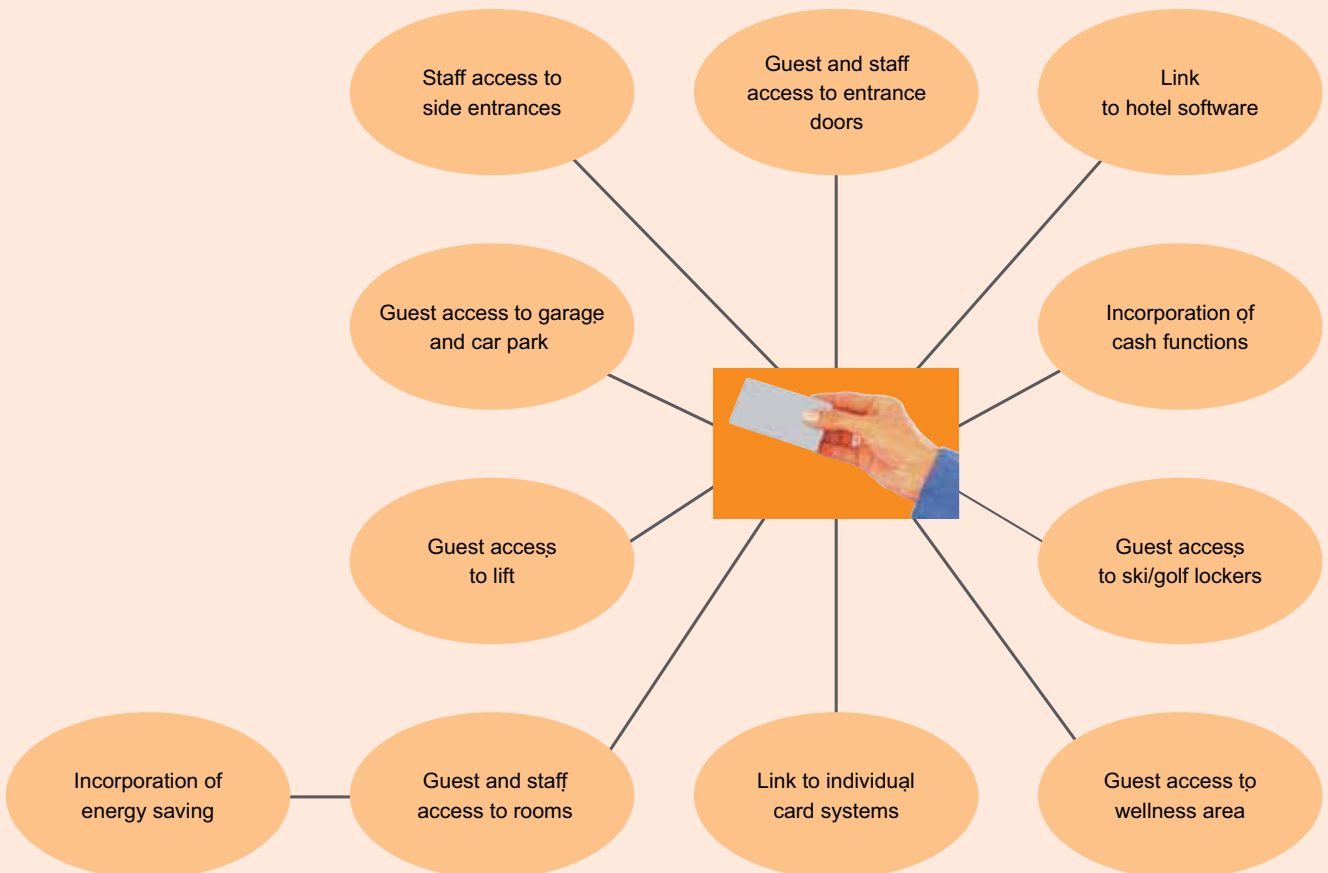
- 
- For Hotels
  - RFID technology
  - Battery powered electronic door lock
  - RF touchless activation of battery
  - Door lock operation with locking cycle and toggled mode depending on electronic key
  - Changeable working modes such as residential and hotel modes
  - Anti-panic mortise lock
  - Emergency opening with mechanical keys
  - Door lock setting via key cards
  - Last 1000 audit rails
  - Low power alarm
  - Material: Backplates (cover hoods): Stainless steel
-

# Unlimited networking capability makes Dialock a flexible system

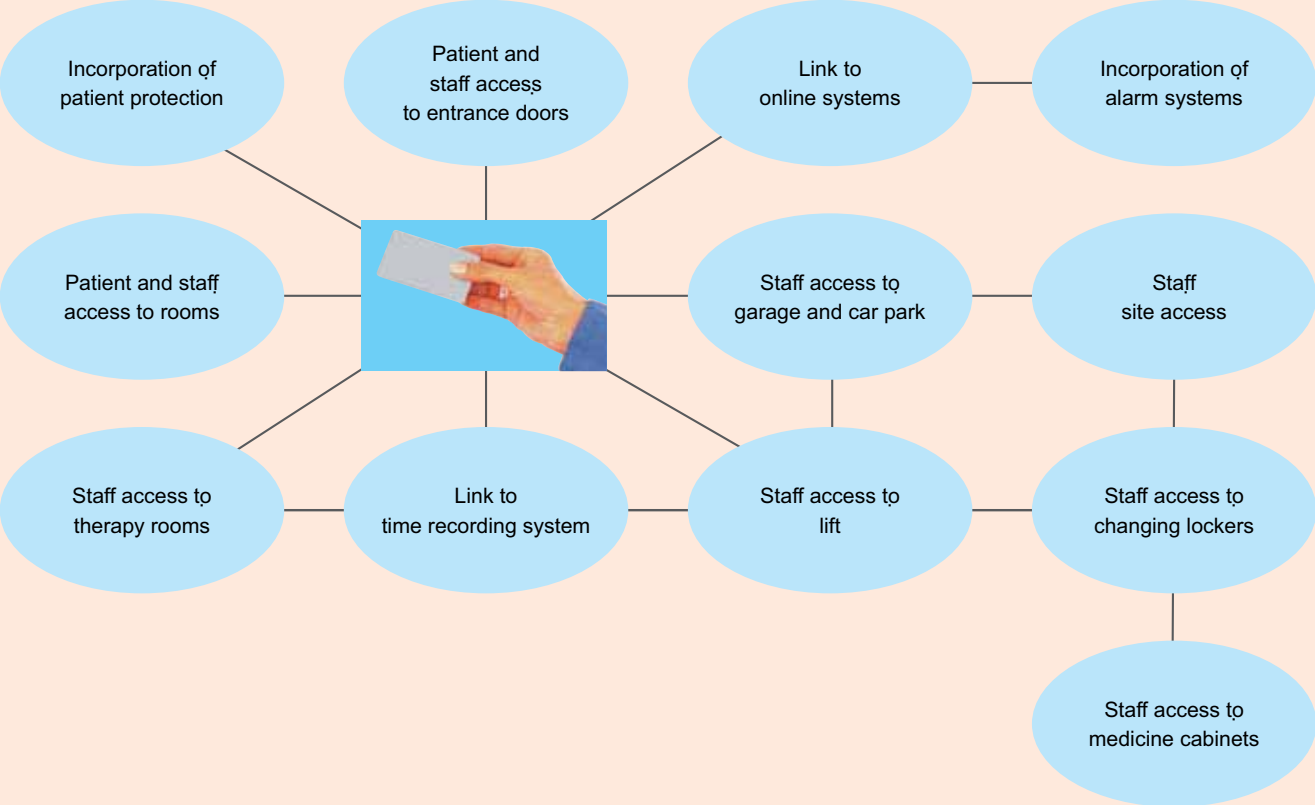
## Retailer networking concept



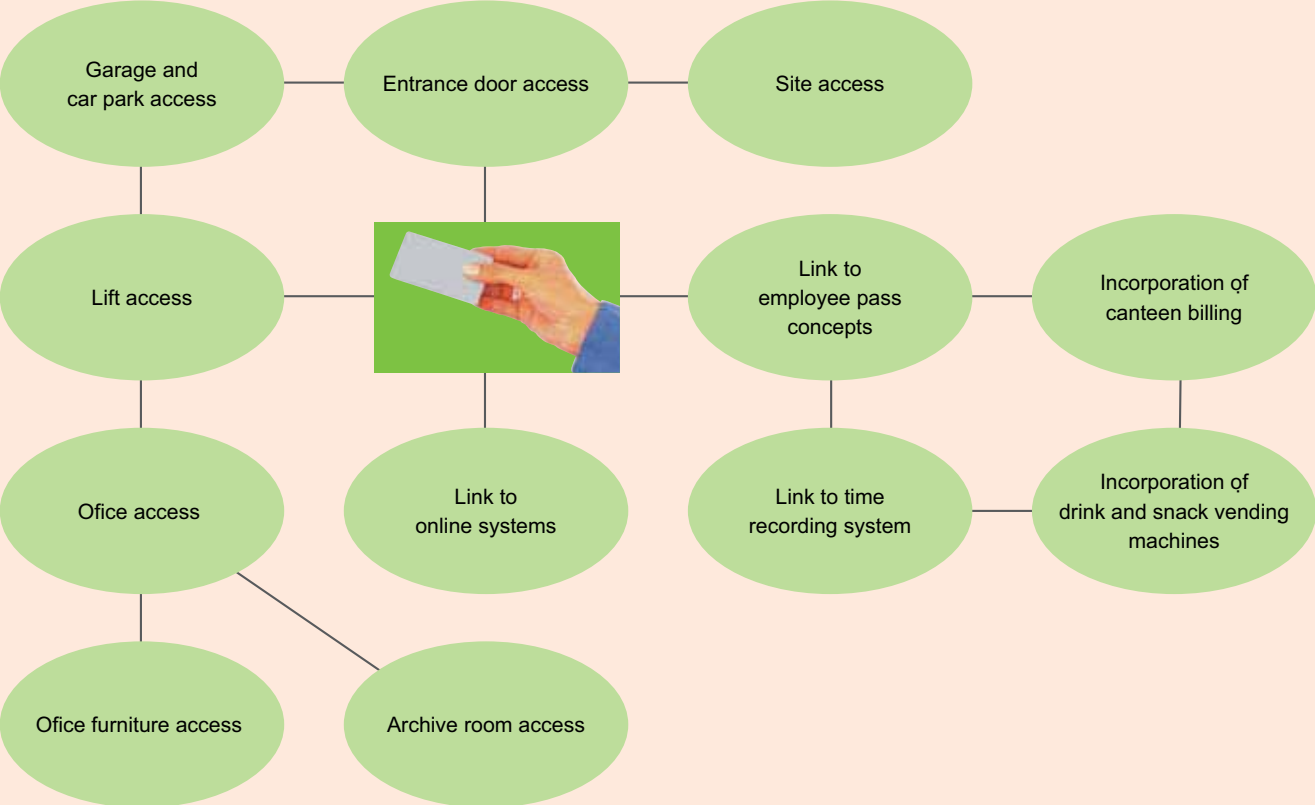
## Hotels and resorts networking concept



## Hospital and retirement home networking concept



## Industry and office building networking concept





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