dormakaba

Access Control Solutions

Product catalogue

Contents

Advanced solutions are our passion

With over 160 years of experience with access and security in a variety of markets, we continue to innovate and deliver the best products, solutions and services to our customers around the world.

In our increasingly digitized and populated world, security is no longer a mechanical process but an integral part of the urban infrastructure. Anything from crowd management to digital protection and, more recently, hygiene and disaster preparedness can be security considerations.

With the right technologies and partners, cutting-edge access management tools can support our societies' transition into a smart and sustainable future, maximizing our security whether we need protection in crowds or clouds.

Our offering

Our offering includes individual products, complete solutions, and range of services, from planning and installation to ongoing operations, all designed to help increase our customers' excellence.

Access Automation Solutions (AAS)

Entrance Automation
Entrance Security

Access Control Solutions (ACS)

Escape and Rescue
Lodging Systems
Electronic Access & Data

Access Hardware Solutions (AHS)

Door Closers
Architectural Hardware
Mechanical Key Systems

Services

Consulting and Planning
Implementation
Commissioning
Maintenance
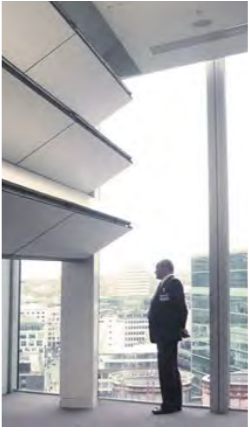
Our focus sectors

We offer a bespoke range of products and solutions to many different types of buildings with many different access needs. We are there, from seamless passenger journeys at airports, through customized solutions at hospitals, to providing a safe and welcoming experience in stadiums.

Airports

Healthcare

Offices

Hospitality

Education

Retail

Banks & Finance

Government & Administration

Residential & Multi-family housing

Sports & Culture

Transport & Logistics

Industry & Manufacturing

Utilities & Telecoms

Future with a history
Providing you with the best has always been our policy

1862
Locksmith's workshop and cash register factory founded by Franz Bauer

1934
Patenting of the reversible key

2000/01
Acquisition of the Unican company

2009
Installation of the world's first electric airport gate for auto-mated self-boarding

2015
Merger of Dorma and Kaba

2015/16
First cloud-based access solutions

Acquisitions in North America

2017
Acquisition of the Best company in the USA

2019/20
EcoVadis gold medal for sustainability management

Development of digital business ecosystems

2021/22
EntriWorX EcoSystem launch

Recognised as one of the most sustainable companies in Switzer-land

1908
Dörken & Mankel KG founded

1950
Entry into the door closer business

1962
Production of the first automatic doors

2002
Entry into the mobile partition wall system business

How do you always keep track of the most important things?

Project planning and support

Through consultation focused totally on you

You need to secure your building. With robust technology adapted to your respective needs in every detail. With comfortably adaptable systems facilitating workflow and increasing efficiency and economic feasibility. With precise and dependable solutions tailored to your needs, which you can comfortably and reliably integrate into your plans or expansion.

We provide all this from a single source. Our comprehensive consultation services enable the custom-tailored implementation of your project. Our experienced experts create a precise requirement profile based on your tasks, needs and wishes and then recommend targeted solution concepts.

We support you in cross-system planning and implementation with our fast, full-coverage and knowledgeable sales network. With dormakaba, you always have a direct contact partner with specific expertise for your entire system and its individual components – we're internally networked and work across multiple interfaces.

We advise and accompany you from planning to implementation – personally, cooperatively and openly. We offer you access systems which prove their worth every day in use across the globe and specialised service that's always at your side.

Customer Care :
1-800-121-6414
service.india@dormakaba.com

Design factor

Design with three letters: XEA

What we mean by XEA: The XEA design language is based on a comprehensive, standardised position, consistently taking into account our own requirement for compatibility, high quality, innovation, perfection and aesthetics as stipulated in ten points. This principle unites basic forms, colours and surface finishes in a single, uniform appearance. XEA combines dormakaba's product and corporate worlds to form a universal design that speaks a recognisable language in terms of content and visual presence.

#1
Recognisable details
The dormakaba design is recognisable in every product, naturally from its distinctive logo, but above all in the interplay of XEA elements.

#2
Intuitive symbols
All symbols used are reduced to their essential elements, but are easily recognisable and self-explanatory.

#3
Standardised surface finishes
The four basic colours for every product ensure that all combinations will always match. The XEA colour-coding system adds clarity.

#4
Clean forms
The even and two-dimensional surface finishes create a holistic form design. Radii and sharp edges contrast with and complement each other.

#5
User-friendly operation
User interfaces have a minimalist, uniform design, making them immediately recognisable.
Operation is self-explanatory.
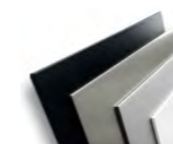
#6
Contrasting surface finishes
The combination of light and dark, matt and glossy surface finishes creates a multi-faceted overall image. This makes individual function areas clearly recognisable.

#7
Strong casing
If products are equipped with an enveloping housing frame, it provides additional protection from external influences.

#8
Multi-layered compositions
The construction reveals its value at first glance. The quality of the material of the decorative screens impresses with a visible, solid edge.

#9
LED indicator
All applications can be learned quickly across-the-board, for example when LED light strips signal access, guide people or indicate status.

#10
Customised design
A system of materials and colours creates a broad spectrum of solutions suited to any architecture and more: individual touches are created with XEA.

Access Control Solutions

Managing escape and rescue routes, access permissions, working hours, stay and check-out is now easier than ever – thanks to the smooth interaction of digital components with intelligent access management solutions.

Access Control Solutions
Know what's going on in day-to-day operations: who, what, where and when.

Stay and check-out, access control and time registration, their overview and evaluation need a smart overall concept. With integrated electronics and digital network connection, small and large companies as well as private households gain new possibilities. Time-accurate management of access authorizations from the underground car park to the top floor is clear and secure in every detail. In addition to individual access control, our escape and rescue route systems provide additional building security by protecting human life on the one hand and property on the other.

Electronic Access & Data

Electronic cylinder
Modern, standalone-operation cylinders can easily be reprogrammed in the blink of an eye.

Electronic door fittings and door locks
Keyless access with RFID ID card or smartphone app. Integrated door fitting design.

Access readers and peripherals
Efficient readers and access managers at every access point, indoors and outdoors.

Access media and ID cards
Make access digital with smart key, access card, transponder or smartphone app.

Access control for large companies
Precisely configurable modules for efficient organisation and greater security.

Access control for small and medium-sized companies
Comprehensive access management, economical for any company size.

Access control for micro-companies and private residences
Control all access permissions with a smartphone and functional app.
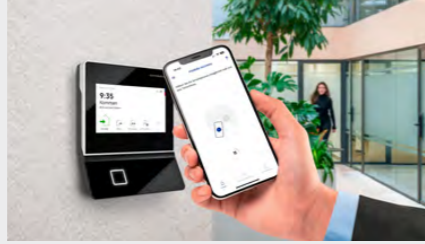
Time recording
The dormakaba terminal ONE impresses with its user-friendly interface and simple integration into existing systems. integration into existing systems.

Solutions for ERP systems
Easy integration, registration and evaluation of dormakaba terminals into your ERP system.

Interface solutions for third-party systems
Easy integration, registration and evaluation of dormakaba terminals into your ERP system.

Lodging Systems
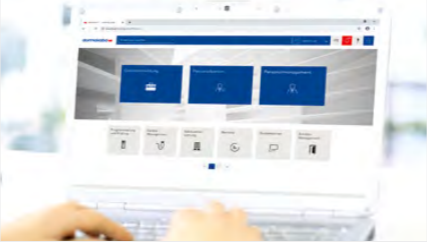
Access control systems
Our locking systems are supported by our reliable access management solution Ambiance software, which covers the widest variety of requirements for modern access control in hotels.

Mobile Access solutions
Easy guest and employee access with a smartphone. Based on our highly secure LEGIC platform for the creation of secure Bluetooth® keys.

Electronic hotel locks
dormakaba offers a broad range of lock solutions for a wide variety of different hotels. From simple physical access with an RFID lock to wireless online systems or interfaces to intelligent room and energy management systems – we've got the entire offering range covered.

Outside access
Access control with an external reader, for lifts, car park access points and doors with electronic control units.

Electronic cylinders and door fittings
at a glance

	Digital cylinder	Mechatronic cylinder	c–lever pro	c–lever compact	cabinet lock
Supported technologies and our standards					
LEGIC advant, ISO 14443A	●	●	●	●	●
MIFARE DESFire, ISO 14443A	●	●	●	●	●
OSS-SO Version 2021-06: LEGIC advant, MIFARE DESFire	●	–	●	●	●
Near Field Communication (NFC)	●	–	●	●	●
Bluetooth® Low Energy (BLE)	●	–	●	●	–
Power supply					
Battery	●	●	●	●	●
External power supply (optional)	–	● (faceplate version)	●	–	–
Service life of battery: door cycles (use at 20 °C)	Up to 50,000 cycles or 2 years	Faceplate version: Up to 140,000 cycles or 3 years Compact and surface fixed version: Up to 40,000 cycles or 2 years	–	Up to 150,000 cycles or 3 years	Up to 60,000 cycles or 3 years	Up to 50,000 cycles or 5 years
Functions and options					
CardLink	●	●	●	●	●
Mobile Access	●	–	●	●	–
Wireless	●	●	●	●	–
Wireless + door monitoring	–	● (faceplate version)	●	–	–
TouchGo	–	–	●	–	–
Lever handle/knob models	–	–	13	4	–
Design awards	●	●	●	–	–
Surface finishes and colours					
Nickel-plated (stainless steel look)	●	●	●	●	–
Polished brass	●	●	On request	–	–
Brass, matt	–	●	On request	–	–
Black	●	●	On request	–	–
Matt chrome-plated	●	●	On request	–	–
Bronze look (on request)	●	●	–	–	–
Antenna cover, black	●	●	●	●	–
Antenna cover, white	●	●	●	●	–
Cylinder profiles					
European profile, 17 mm	●	●	●	–	–
Swiss round profile, 22 mm	●	●	●	–	–
Scandinavian oval	●	●	●	–	–
Australian oval	●	–	●	–	–
IP class of protection	IP56 (outside)	IP41 IP40 (faceplate version)	IP 55 (outside)	IP 54 (outside)	IP52

	Digital cylinder	Mechatronic cylinder	c-lever pro	c-lever compact	cabinet lock
Certifications					
Fitting/cylinder standards	EN 15684	EN 15684	EN 16867 and EN 1906	EN 16867 and EN 1906	–
Fire protection	EN 1634-2: T90	EN 1634-1 to T60	Up to T90	Up to T90	–
Burglary resistance	EN 1627: min. RC4	EN 1627: min. RC4	EN 1627: max. RC2	–	–
Escape route	EN 179/EN 1125	EN 179/EN 1125	EN 179/EN 1125	EN 179/EN 1125	–
Pulling and drilling protection	VdS class BZ+ (optional)	EN 15684	–	–	–
CE	●	●	●	●	●
Dimensions					
Cylinder length A/B side/ fitting dimensions (specifications in mm)	From 25/20, extensions in 5-mm increments, max. cylinder length: 220	From 42/30, extensions in 5-mm increments, max. cylinder length: 202	Wide version: 53.6 x 298 x 21 Narrow version: 39.8 x 298 x 21	54.7 x 122.8 x 21.9	125 x 100 x 25
Environmental product declaration					
EPD	● (in preparation)	● (in preparation)	●	● (in preparation)	–
System compatibility					
exos 9300	●	●	●	●	●
MATRIX PRO	●	●	●	●	●
MATRIXaaS	●	●	●	●	●
MATRIX ONE	●	●	●	●	●
evolo Manager (KEM)	●	●	●	●	●
evolo smart	●	–	●	●	–
resivo	●	●	●	●	–
Application					
Furniture	●	●	–	●	●
Private living	●	●	●	●	●
Micro-companies	●	●	●	●	●
Small and medium-sized companies	●	●	●	●	●
Large companies	●	●	●	●	●
Note:	Subject to change. The scope of this product's functions depends on the system environment selected. You can find further details and order information in the relevant dormakaba EAD catalogue or in the relevant system description.				

Electronic cylinders

dormakaba digital cylinders

The dormakaba digital cylinder enables easy programming and room- and time-specific access control. The modular design with removable knobs enables easy installation. In addition to the standard version, the product portfolio includes dual, half and anti-panic cylinders Supports RFID, NFC and Bluetooth®.

Simply impressive:
- Can be used for any door either inside or outside if weather-protected
- Electronics operate reliably, even at extreme temperatures
- Suitable for fire doors
- Increased drilling protection for greater security
- Available in Euro profile 17 mm, Swiss round profile, oval profile and ANSI
- With black or white front
- Cylinder surface finishes of Inox look, polished brass, matt chrome-plated and black available
- Modular construction – length can be adapted on site
- Supports the Mobile Access function – users can gain access permissions on their smartphones using the dormakaba app

Mechatronic cylinders

The locking system combining a mechanical cylinder with electronic access control fits seamlessly into existing mechanical locking systems. Optimal for use with exterior doors, for example. The dormakaba smart key, which is outfitted with an RFID chip, can open equipped doors both mechanically and electronically.

Simply impressive:
- Flexible access system: complete or partial transition from mechanical to electronic possible
- Unique range: a broad and dynamic spectrum of award-winning access components
- Available in a variety of profile variants, such as Euro profile, Swiss round profile and Scandinavian oval profile
- Plastic cover available in black and white
- Wireless solution networks the mechatronic cylinders with the access solution, enabling convenient programming from your desk

Electronic door fittings and door locks

dormakaba c-lever pro

Electronic fitting solutions for need-based access control at exterior doors or doors with increased security needs. Easy, flexible control of access permissions, either in standalone, wireless or online operation. High-grade materials satisfy the highest demands in terms of robustness, weather resistance and security, supports RFID, NFC and Bluetooth®.

Simply impressive:
- For inside or weather-protected outside areas
- Directly on doors made of wood, plastic or metal
- Solutions for burglary and fire protection as well as escape and rescue routes
- Versatile operating variants: standalone, wireless and online
- Access either with card, key fob, key with RFID or smartphone
- Supports Mobile Access – users can gain access permissions on their smartphones using the dormakaba app
- TouchGo function: hands free; the transponder stays in the pocket
- Suitable for use on escape route doors as per the requirements of DIN EN 179 using certified device combinations

dormakaba c-lever compact

Electronic fitting solutions for use in office, administration and retail areas. Access permissions can be easily and flexibly controlled – either in standalone or wireless operation. Upon presentation of a valid access medium, a green light appears on the digital light unit and the door can be opened as usual with the lever handle supports RFID, NFC and Bluetooth®.

Simply impressive:
- Independent of the lock and fitting
- Easy, wireless installation – even in reversed position
- Versatile operating variants: Standalone, wireless or online with RFID or smartphone
- Supports the Mobile Access function – the door can be opened with a smartphone
- Suitable for use in escape route doors as per the requirements of DIN EN 179 using certified device combinations
- Ideal for retrofitting, as wiring isn't needed thanks to the use of batteries integrated into the housing
- Universally compatible and award-winning products with one-of-a-kind component variety, such as readers, digital and mechatronic cylinders and more

Electronic door fittings and door locks
dormakaba cabinet Lock 21 10

Electronic lock solution for clothes cabinets, lockers and furniture. Secure access to important documents, valuables and materials using electronic access control. After presenting a valid access medium at the cabinet door, the door opens automatically.

Simply impressive:
- Lock is mounted inside the cabinet – no control element to interfere with the design of the furniture door
- Integratable – seamless integration into the system environment with digital cylinders, electronic fittings, readers and mechatronic cylinders
- Easy programming – for permanent or temporary access
- Long-life battery – at least five years of operation
- Alarm in the event of attempted break-in
- Slim design – fits many different types of office furniture and drawers
- Diverse areas of application: clothes closets or material storage cabinets, safety deposit/post boxes, office furniture, medicine cabinets and patient lockers

dormakaba locker lock 21 20
Electronic security for wardrobes

Electronic access security with RFID
Secure your personal belongings effectively from unauthorized access in wardrobes, lockers, and other furniture by using this electronic locker lock, making the complex administration of numerous keys a thing of the past.

Fully integrable, digitally managed
Our locker lock 21 20 can be seamlessly integrated into our standalone and online access solutions. You can not only access rooms, but also manage lockers digitally with just one access medium.

Simply impressive:
- **Easy upgrade to electronics** The locker lock can simply be installed in place of a conventional lever cylinder: minimal effort required to switch from mechanics to RFID technology.
- **Intuitive operation** Pressing the RFID badge onto the button allows the locker to be opened with one single hand movement.
- **Efficiency and security in one** Electronic access control enhancing operational efficiency instead of time-consuming key management.
- **Innovative energy management** One standard battery lasts up to 10 years.
- **Compatible portfolio** Our product range includes other products that can be seamlessly combined with each other.
- **Elegant design** The locker lock blends in harmoniously thanks to its slim and flat-built design.

Access readers and peripherals
Registration units
at a glance

	Registration unit 90 00	Registration unit 90 01	Registration unit 90 02	Registration unit 90 03	Registration unit 90 04
reader					
PIN keyboard	–	–	●	–	–
MRD (LEGIC advant, MIFARE DESFire)	●	●	●	●	●
Near Field Communication (NFC)	●	●	●	●	●
Bluetooth Low Energy (BLE)	–	●	–	–	–
Interfaces					
Coaxial connection	●	●	●	●	●
Design/installation					
Surface-mounted cable feed	–	●	●	–	●
Flush-mounted cable feed	●	●	●	●	●
Door frame installation	–	–	–	●	●
IP class of protection	IP20	IP40/IP54	IP40/IP54	IP40/IP54	IP66
Certifications					
CE	●	●	●	●	●
FCC	●	●	●	●	●
UL 60950	●	●	●	●	●

Access readers and peripherals
Registration units

dormakaba registration unit 90 00

The unit can be installed in custom or on-site housings. The component fits into many European switch covers (e.g. Jung, Gira, Merten and Feller). We offer customised installation types for Siedle.

Simply impressive:
- Together with dormakaba control units and remote readers, forms a secure access solution with convenient identification of the user
- Freedom of selection for the appearance (designer housings or on-site provided housings) and read/write properties
- Installation inside and outside

dormakaba registration unit 90 01

The unit secures and controls access to buildings and rooms together with the control units and remote readers, where it's installed separately from the control unit.

Simply impressive:
- Encrypted communication
- Central light symbol and acoustic signal notify the visitor of the access decision
- Supports the LEGIC prime and advant as well as MIFARE Classic and DESFire RFID standards
- Reader offers the Mobile Access function via BLE
- Contemporary, award-winning design with high gloss
- Scratch-proof glass surface
- Available in black or white

dormakaba registration unit 90 02

dormakaba registration unit 90 02 with wear-free PIN keypad for access points with increased security requirements can be used indoors or in protected outdoor areas. PIN keypad operation is supported by "Guide by Light".

Simply impressive:
- Secure access solution with PIN keypad
- Integrated tamper switch
- Works with Online, Mobile Access, CardLink and Access-on-Card modes
- Suitable for retrofits, existing wiring can be used
- Award-winning, elegant, featuring scratchproof glass surface

Access readers and peripherals

Registration units

dormakaba registration unit 90 03

The registration unit 90 03 is slim, small and suitable for direct installation on door frames and any kind of fittings.

Simply impressive:
- Extremely slim dimensions for installation to door profiles or fittings
- Supports the LEGIC and MIFARE RFID standards
- Surface mounting, even on metal

dormakaba registration unit 90 04

The dormakaba registration unit 90 04 stands out due to its slim, compact design. It can be directly installed on metal, wooden or plastic door frames. Watertight and weather-resistant, the device is also well suited for outdoor use.

Simply impressive:
- Fits on the smallest areas, direct integration into the door frame
- Water-proof and weather-resistant
- Easy to install – cable can easily be laid in the door frame, the cable outlet is encapsulated
- Award-winning, elegant, featuring scratchproof glass surface

Wireless gateway

dormakaba Wireless Gateway 90 40

The Wireless Gateway 90 40 connects wireless door components to the access system. It wirelessly transmits new access permissions to the doors. The data is secured using state-of-the-art encryption technology. Cable-free door components are seamlessly integrated into the access system this way.

Simply impressive:
- High security – wireless communication is encrypted with AES
- Convenient programming from your desk – door and status information are displayed automatically
- Easy installation – thanks to PoE (Power-over-Ethernet), the gateway doesn't need an additional power supply
- Expandable – the range between the gateway and door components can be enlarged using up to eight wireless extenders

Access readers and peripherals
Compact and remote readers
at a glance

	Compact reader 91 04	Compact reader 91 10	Compact reader 91 12	Remote reader 91 15	Remote reader 91 25	Terminal 96 00 – functional type 91 20
reader						
MRD (LEGIC advant, MIFARE DESFire)	●	●	●	●	●	●
Near Field Communication (NFC)	●	●	●	●	●	●
Bluetooth Low Energy (BLE)	●	–	●	–	–	
Interfaces						
RS–485	●	●	●	●	●	–
Coaxial connection for registration unit	–	–	–	1	2	–
Ethernet	–	–	–	–	–	●
Digital IOs						
Number of inputs	2	2	2	2	4	4 [1]
Number of relay outputs	1	1	1	1	3	2 [1]
Input for tamper switch	–	–	1	–	1	1
Power supply						
10–34 V DC	●	●	●	●	●	–
Power-over-Ethernet (PoE)	–	–	–	–	–	●
Design/installation						
Surface-mounted cable feed	●	●	●	–	–	●
Flush-mounted cable feed	●	●	●	–	–	●
Top hat rail mounting	–	–	–	●	●	–
IP class of protection	IP54/66	IP40/54	IP66	IP20	IP20	IP30/54/65
Certifications						
CE	●	●	●	●	●	●
FCC	●	●	●	●	●	●
UL 60950	●	●	●	●	●	–
UL 294	●	●	●	–	–	–
UL 62368-1	–	–	–	–	–	●

[1] Only in combination with the options for the add-on I/O or the separate I/Os for the 9600-K6

Compact reader
dormakaba compact reader 91 04

The slim access reader integrates smoothly into any building structure. Hold a card, keyring or RFID key to the reader and enter – the reader signals authorisation both visually and audibly. The slim design enables installation directly to metal, wood and plastic door frames.

Simply impressive:
- For door frame installation as an organisation reader or access reader in combination with access control in protected areas
- Water-proof and weather-resistant
- Supported RFID technologies: LEGIC prime/advant or MIFARE Classic/DESFire
- Works with Online, Mobile Access, CardLink, Access-on-Card, Wireless and Standalone modes
- Available with integrated Bluetooth® for Mobile Access
- Easy and quick installation with quickwire technology
- Contemporary, slim and robust design
- Available in black or white

Access readers and peripherals
Compact reader
dormakaba compact reader 91 10

Compact readers can be used universally in all access solutions. Used with a control unit, the readers are always online and ensure increased security. They're especially well-suited for access within an organisation. Users identify themselves in a contactless manner using their RFID card on the compact reader. The reader checks and interprets the acquired data and then makes a decision regarding access.

Simply impressive:
- Wall mounting
- Central light symbol and audible signal notify the visitor of the access decision
- Supports the LEGIC prime and advant as well as MIFARE Classic and DESFire RFID standards
- Easy and quick installation with quickwire technology
- Contemporary, award-winning design with high gloss
- Available in black or white

dormakaba compact reader 91 12

Compact reader 91 12 is suitable for access points at which PIN verification is also required for security reasons.

Simply impressive:
- Wall mounting
- Central light symbol and audible signal notify the visitor of the access decision
- Supports the LEGIC prime and advant as well as MIFARE Classic and DESFire RFID standards
- Reader offers the Mobile Access function via BLE
- Easy and quick installation with quickwire technology
- Contemporary, award-winning design with high gloss
- Available in black or white

Remote reader
dormakaba remote reader 91 15

Remote reader 91 15 is intended for single access points and offers the advantage that the registration unit and door control are separate. This means it's suitable for installation in protected inside areas to control an access point which is located in an unprotected outdoor area.

Simply impressive:
- Tamper-proof – installation in the protected interior
- Absolute design freedom thanks to the option to choose the registration unit
- Works with dormakaba Online, CardLink, Access-on-Card and Standalone modes
- Expandable, as combination with various different dormakaba access systems is possible
- Use: exterior doors and gates, automatic doors, lifts, garage doors, parking barriers, entrance areas, motorised locks

dormakaba remote reader 91 25

Remote reader 91 25 is a powerful access control unit suitable for sophisticated access points where a high level of security is required. It monitors access points of a wide variety of different types.

Simply impressive:
- Variety of functions – comprehensive door control units possible (on/off configuration)
- Flexibly expandable – the number of inputs and outputs can be increased using dormakaba extension modules 90 30 and 90 31
- Tamper-proof – remote reader is installed in the secure interior
- Turnstiles, personal interlocks, exterior doors and gates, automatic doors, lifts, parking barriers, entrance areas, motorised locks

Access readers and peripherals
Biometric readers

dormakaba biometric reader 91 50

The dormakaba biometric reader 91 50 guarantees unique, legally compliant and convenient access control. It combines the reliable RFID and fingerprint ID procedures with a comfortable keyboard. The reader, with its high-quality biometric sensor, can be used for biometric identification as well as for verification.

Simply impressive:
- Unique identification of persons
- Biometric features can't be forgotten, lost, stolen or passed on to third parties
- No "punching in for a friend"
- Legal certainty – who gained access, when and where?
- Data protection fully ensured through non-reconstructable fingerprints

dormakaba biometric reader 91 60

The powerful biometric reader 91 60 can be easily integrated into building structures and enables up to 30,000 users to be identified. It has a modern design with a large LCD touchscreen with fast response times. The embedded web server enables on-device learning, terminal configuration, and retrieval of transaction logs. For scenarios requiring the use of contactless cards, the biometric reader 91 60 also offers several RFID standards.

Simply impressive:
- Reliable facial recognition
- High level of security
- Mask and temperature check
- Easy to train staff
- Versatile installation options
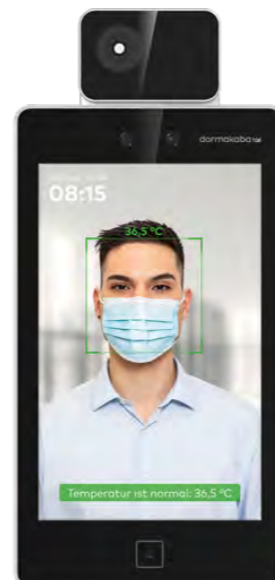
Access readers and peripherals
Access control units
at a glance

	Access manager 92 00	Access manager 92 30	Access manager 92 90
reader			
Integrated reader based on multi-RFID device	2	2	–
Total number of possible readers per access manager	Up to 15 KCP readers/ up to 16 subterminals	2	16
Mobile Access	●	●	●
Interfaces			
RS485 party line	●	●	●
RS232 for peripheral components	2	1	1
Coaxial connections for registration units	2	2	–
Digital IOs			
Number of inputs (monitored)	4 (4)	4 (4) + tamper switch	18 (16) + tamper switch
Number of relay outputs	3	3	16
Hardware options			
Upgradable with additional I/O modules	●	–	–
Passive RS485 interface	●	●	●
Active RS485 interface	–	–	●
Software options			
Memory option 2,000/8,000	●	●	●
Memory option 10,000/40,000	●	●	●
Memory option 50,000/100,000	●	●	●
Memory option 120,000			
AVISO	●	●	●
CardLink/Access-on-Card	●	●	●
Data encryption	●	●	●
Number of readers	2/4/8	2	2/4/8/16
Power supply			
PoE	–	●	–
110/230 V AC	–	–	●
12/24 V DC	● (12/24 V)	● (24 V)	● (24 V)
Design/installation			
	Top hat rail installation	Surface-mounted housing for installation indoors	Wall-mounted housing, rack-mounted housing (19")
Certifications			
UL 294 approval	●	●	●
CE	●	●	●
FCC	●	●	●
UL 60950	●	●	●

Access control units
dormakaba access manager 92 00

The dormakaba access manager 92 00, with its flexible and expandable design, offers extensive installation options. It can be installed locally as a single device near an access point, in electrical cabinets or centrally with extended input/output modules. It manages and controls up to 12 doors, depending on the system solution.

Simply impressive:
- Autonomously using its own decision-making logic and local data storage
- Flexible in use – for access control, door monitoring and activation of alarm systems
- Easy integration into existing systems
- Easy to configure – commissioning and configuration over a web interface

Access readers and peripherals

Access control units

dormakaba access manager 92 30

dormakaba access manager 92 30 is optimised for single access points. Quick and easy installation at each door reduces the installation effort and costs. Power can be supplied entirely via PoE so additional power supply can be avoided.

Simply impressive:
- Minimal wiring work required, modern IT infrastructure can be used
- Efficient installation – quick and easy, no need for an electrician
- Comprehensive door control units – support for all door configurations seen in practice
- Easy integration into existing systems
- Autonomously using its own decision-making logic and local data storage

dormakaba access manager 92 90

A central, efficient control unit for complex access control units. The access manager is available as in-wall as well as IT rack design. It's especially suitable for building situations where a central wiring infrastructure is already available.

Simply impressive:
- Central access control for multiple access points and complex tasks
- Robust wall or rack housing, unambiguous connection concept, connection of up to 16 readers
- Consideration of individual customer requirements (AVISO) and flexible expansion options
- Fast commissioning and easy configuration using an Internet browser

CardLink update terminal

dormakaba terminal 96 05

dormakaba terminal 96 05 is a versatile access terminal. The 5" touch screen supports the user during operation and can also display company messages and personal information. Thanks to its compact design and simple installation concept, the terminal can be superbly integrated into modern architecture.

Simply impressive:
- Supports common RFID readers
- Dust- and watertight as per IP20/IP54 class of protection
- Stable housing and robust glass screen
- Freely configurable user interface (e.g. using your corporate design)
- Integration of company-relevant apps
- Network integration and power supply via Power-over-Ethernet (PoE)

Access readers and peripherals
Peripherals

dormakaba desktop reader 91 08

The dormakaba desktop reader 91 08 is used to read and write RFID media in the form of cards, smart keys and key fobs used in time registration and access control. The desktop reader is connected to a computer over its USB port. The device is automatically detected and installed by Windows.

Simply impressive:
- Easy reading and writing of RFID media as per the ISO 15693 and ISO 14443A standards
- Equally suitable for cards, smart keys and key fobs
- Unique person identification
- Transfer of the security key to the system or peripheral components

dormakaba interface 90 10

The dormakaba interface 90 10 can be connected to the access control unit. Up to two readers can be integrated into a dormakaba access control system with a Wiegand interface. Additional functions like multiple digital inputs and relays, for door monitoring and control, for example, are available as standard.

Simply impressive:
- Enables the easy integration of third-party hardware into a dormakaba access control system
- Connection of up to two readers, such as Wiegand or magnetic strip readers
- Door monitoring and control as an additional function
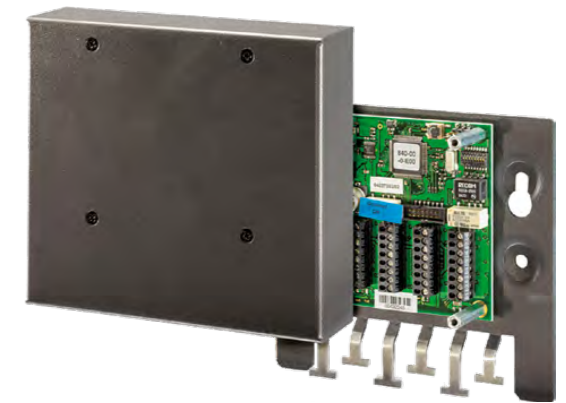
dormakaba extension modules 90 30 and 90 31

Extension modules 90 30 and 90 31 are used if more digital inputs or relay outputs are required at the control unit than are available, e.g. for lift control or for window monitoring. Installation is done by simply plugging it in at the control unit. Thanks to monitored inputs, module 90 31 offers increased security.

Simply impressive:
- Versatile in use with various different control units
- Increased security
- Thanks to monitored inputs (90 31), tamper alarms can be generated
- Easy installation
- The number of I/Os is easy to expand thanks to plug-in modules

Access and ID media
at a glance

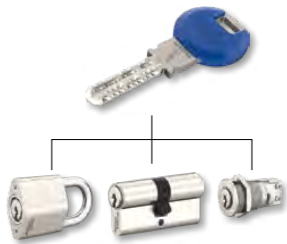|	Access cards	Key fob	Smart key	TouchGo transponder	Smartphone (Mobile Access)	Mechanical key
Multi-application/ Technology	• RFID chip	• RFID chip	• RFID chip	• RFID chip • Resistive Capacitive Identification	• Using the dormakaba Mobile Access app • Near Field Communication • Bluetooth®	• Permutation
Main applications	• Access • Operational data and time registration • Payment • Follow-me printing and copying	• Access • Operational data and time registration • Payment • Follow-me printing and copying	• Access • Operational data and time registration • Payment • Follow-me printing and copying	• Mainly at facilities where access must be quick and smooth yet controlled, such as senior residences, care facilities and hospitals	• Access • Operational data and time registration	• Simple to complex locking systems • Emergency opening with emergency key function (GF)
Unique features	• Custom-printable with colour, logo, personnel number, photo etc.	• Sturdy and robust • Printable with logo, text, number	• Checks electronic authorisation plus mechanical permutation (EU cylinder) • Colour chips for better tracking	• Only needs to be carried, not used • Combination of RFID and RCID	• No media hand-off • Mobile Access can be integrated into company apps • TapGo function	• High level of compatibility within a dormakaba locking plan • Forward-looking keylink planning method • Colours as optional orientation aid
Security	• Non-viewable security encryption • Additional combination with PIN code or biometrics possible	• Non-viewable security encryption • Additional combination with PIN code or biometrics possible	• Non-viewable security encryption • Additional combination with PIN code or biometrics possible • Doors can only be opened with the smart key if the RFID chip and key are authorised	• Non-viewable security encryption • Additional combination with PIN code or biometrics possible	• End-to-end encryption: the access data themselves are encrypted, so smartphones can't access them • Smartphone can be protected with a PIN code or fingerprint	• Large number of different cylinder types • Patented security system • Copy protection • High level of security through compliance with relevant standards, such as EN 1303 and DIN 18252 • Encoded drilling patterns – the decoding positions of the tumblers aren't visible on the key
In case of loss	• Rights can be withdrawn electronically (no security gap)	• Rights can be withdrawn electronically (no security gap)	• Rights can be withdrawn electronically (no security gap)	• Rights can be withdrawn electronically (no security gap)	• Rights can be withdrawn electronically (no security gap)	• In case of loss, cylinder must be replaced or rights can be mechanically withdrawn (to prevent gap in security) – see building-phase function

Access media and ID cards

Smart key

Whether it's time registration or electronic or mechanical access control, the dormakaba smart key is the key that connects everything. With additional electronic identification, mechanical locking systems are made more secure and ID cards unnecessary. Thanks to its small dimensions, it fits in any pocket.

Simply impressive:
- Reduced administrative work through the management of a medium
- Can be integrated into all dormakaba systems, whether they're mechanical, mechatronic or electronic
- Existing clip keys can easily be upgraded or retrofit
- Individual identification of the key clips with easily exchangeable colour markings

Key fob

RFID key fobs are available in different shapes and colours. Practical in use, they're easily recognised on a key ring.

TouchGo media

Practical TouchGo transponder in the form of a key fob. The transponder can unlock doors without having to be taken out of a trouser or jacket pocket. Available in white and black, also as a card holder or wristband.

Access cards

RFID identification medium with programmable time and room authorisations and a flat, lightweight design.

Smartphone app (Mobile Access)

With Mobile Access, smartphones become access media. Access is possible with or without time limitation.

Solutions for access control

Access and data acquisition solutions for a variety of applications, both office and private: Our products offer you full product-compatibility and interoperability, while the software is precisely tailored to your needs.

A holistic access control system comprised of different hardware and software components matched to your needs.

Large companies

Small and medium-sized companies

Micro-companies, residential buildings and properties

exos/MATRIX Professional
Access solutions for large companies focusing on access, organisation and security

EACM/jay cloud/ b-comm ERP
Access control solution for large companies focusing on SAP applications

MATRIX ONE/MATRIXaaS/ KEM evolo smart
Access control solutions for small and medium-sized companies

evolo smart
Access control solution for micro-companies

resivo
Access control solution for properties

Entry-level   Medium   Professional

Mechanical locking systems

Online components (wired)

Wireless components connected via radio

Standalone components

The effectively available scope of system functions depends in each case on the system context in which the product is used. The figure shows an example system structure.

Access control for large companies
dormakaba exos 9300

dormakaba exos 9300 is a comprehensive, modular access management system. With this solution, all access permissions are flexibly coordinated across locations – From simple door control via wirelessly integrated door components to complex interlock control with monitoring. Mechanical doors and locking systems can also be integrated for a holistic solution at any time.

Simply impressive:
- Uniform processes and efficient sequences thanks to the integration and management of all mechanical, mechatronic and electronic access points in one system
- High flexibility thanks to the effortless use of your existing media, access readers and door components
- Integration and linking of intrusion, alarm and video systems
- Lowering of infrastructure and personnel costs thanks to the seamless integration of the system into your own IT sphere and connection to ERP systems
- Easy expansion thanks to a modular and scalable system structure

dormakaba exos 9300
- Authorisation management
- Visitors
- Master key system management
- Contractors
- ID cards and media
- Online cabinet lock
- Tenants
- Car park management
- Key depot
- Access

MATRIX Professional

A modular access control system for access control, time registration and time management with the option of escape route control. The system can be scaled to meet nearly every security need and fit any application size. It can be implemented for simple door control with a locking plan as well as for the mapping of complex security situations, for example with lift control, interlock management or high-security conditions.

Simply impressive:
- Manages up to 300,000 ID cards/people
- Ergonomic, browser-based interface
- Exact coordination to customer requirements
- Configurable interfaces to parent systems

MATRIX Professional Options
MATRIX Professional can be precisely adapted to individual needs thanks to its modular construction and option management. License management also enables subsequent expansion, such as tenant management for data and peripherals, TMS coupling for escape route control, integration manager for coupling with third-party systems, visitor and external company management and Mobile Access.

Access control for ERP systems

dormakaba b-comm for Workday

B-COMM HCM makes it easy to set up access control in the company. It controls authorized and timed access to company premises, buildings and individual rooms. This ensures that your premises and your employees are optimally secured and protected.

B-COMM HCM can also be seamlessly connected to a compr hensive access control system from dormakaba via modern interfaces. Master data from your ERP system is transferred to the access control system. This provides you with extended functions ranging from realtime door monitoring and sophisticated alarm management to the integration of wireless, electronic door components.

Simply impressive:
- Authorization management
- Visitor management
- Car park management
- Managing access rights from one or multiple locations
- Alarm management

MATRIX as a Service
Easy, secure and flexible access control

MATRIXaaS is the ideal access solution for medium-sized companies and start-ups that want to concentrate fully on their core tasks and cannot or do not want to maintain IT specialists and servers for the operation of an access control system. Updates, backups, recovery concepts and the setup/operation of local servers cost lots of time and money. With MATRIXaaS, we offer you an uncomplicated solution that relieves you of these tasks and thus reduces IT infrastructure costs.

The highest standards in terms of compliance, cyber security and data protection ensure reliable operation.

dorma kaba

MATRIXaaS

Simply impressive:
- Ready for operation in no time
- Predictable costs
- Less effort required
- Stay up to date
- Increased security
- High reliability
- Scalable for the future

Access control for micro-companies and private residences
dormakaba evolo smart

dorma kaba

evolo smart

The evolo smart app controls who is given access to your door. For this, you do not need any additional hardware to program the door components. Access to the door is either with a physical medium (card or key chip) or a smartphone (a so-called digital key). Digital keys can be purchased, managed and allocated in the evolo smart app.

Simply impressive:
- Quick and convenient programming of access permissions via app
- Easy to delete and add access media and permissions.
- Setup of time-limited access permissions
- For private residences and micro-companies with up to 50 users
- Access via smartphone, cards or key rings
- Smartphone: no need to hand over physical media
- Independent: evolo smart runs offline

dormakaba MATRIX ONE

Simple, secure and browser-based access solution for small and medium-sized companies. The out-of-the-box solution is rolled out in no time, and the modern interface ensures intuitive operation.

dorma kaba

MATRIX ONE

Simply impressive:
- Quick and easy commissioning
- Controlled and secure management from anywhere with access functions, door status monitoring and notification actions, interface to an intruder detection system, alarm monitor and camera, visitor management
- Support for the Offline, Access-on-Card and Online operation modes
- Reliable granting and denying of access, online in seconds or via remote access
- Free choice of operation modes

Time registration

dormakaba terminal 96 00

The dormakaba terminal 96 00 from the new K7 terminal generation sets new standards in efficiency through the use of energy-saving hardware components and a proximity sensor. Modern technologies enable reliable time recording and offer a variety of intelligent functions such as "text to speech". The high-resolution touchscreen display reacts instantaneously and therefore enables intuitive operation while the robust design ensures durability and reliability.

Simply impressive:
- A brilliant, high-resolution 5" touchscreen with a scratch-resistant glass front
- Idenitfication with a smartphone, RFID reader or fingerprint biometrics
- Freely configurable user interface
- "Text-to-speech" in the local language
- High device security thanks to security standards and dormakaba Android
- Fingerprint and camera module

dormakaba terminal 97 00

Modern, easy time registration, intelligent access management and targeted employee communication in a single solution. The user interface can be freely configured. You can adapt the display to your corporate identity, featuring your own background images, colours, signal tones, apps and (multimedia) content. Additional options like biometric readers and cameras round out the system, which can be flexibly adapted to a company's individual needs.

Simply impressive:
- Bright 7" touchscreen
- Energy-saving function
- Supports common RFID media
- Power supply options: 230 V AC, 24 V DC and Power-over-Ethernet (PoE)
- Integrated microphone and loudspeaker
- Video function
- WiFi and mobile communication connection
- Network integration via Ethernet port
- Easy commissioning thanks to one-click installation

dormakaba terminal ONE
Time recording made easy

The dormakaba terminal ONE from the new K7 terminal generation sets new standards in efficiency through the use of energy-saving hardware components and a proximity sensor. Modern technologies enable reliable time recording and offer a variety of intelligent functions such as "text to speech". The high-resolution touchscreen display reacts instantaneously and therefore enables intuitive operation while the robust design ensures durability and reliability.

Benefits at a glance
- A brilliant, high-resolution 5" touchscreen with a
- scratch-resistant glass front
- Identification with RFID reader or fingerprint biometrics
- Freely configurable user interface
- "Text-to-speech" in the local language
- High device security thanks to security standards and dormakaba Android
- Fingerprint and camera module
- Robust housing with cast metal back plate

Interface solutions for third-party systems
B-COMM communication software

The B-COMM integration platform for fast and efficient management of terminal systems and related functional areas, regardless of the computer or operating system platforms. The software enables the creation and management of tenants and communication channels, job processing and data exchange with partner applications.

Technology and functional principles
ARIOS-2

The ARIOS-2 security concept ensures consistently secure RFID applications throughout the entire lifecycle of your access and time registration recording solutions. dormakaba offers additional sophisticated mechanisms that make your access control and time registration even more secure compared to common MIFARE solutions.
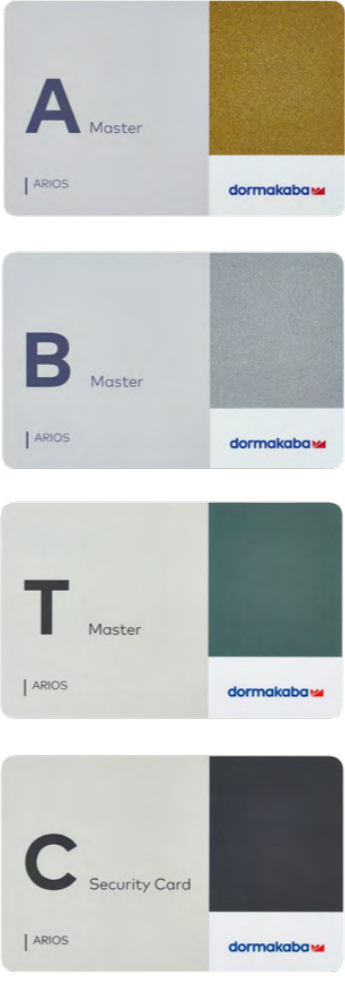
Technology and functional principles

dormakaba TouchGo

The electronic locking system with the TouchGo function eliminates the need to search for keys. Simply touching the door handle is sufficient, and the lock detects whether the person is authorised to enter. It also doesn't matter whether the TouchGo user medium is located in a bag or jacket, or on a belt.

Simply impressive:

- Free hands – your hand is your key
- Increased security and private sphere – access for authorised persons only
- Access permission checking using RCID technology developed by dormakaba – simply touching the metal receiver electrode (such as a door handle) is sufficient
- Transponder is optionally available as a key ring, card holder or wristband

CardLink/Access on Card (AoC)

Users receive their access permissions on update readers directly onto their ID cards. The update readers are fitted at central locations, e.g. at the staff entrance, in the lift area or in the cafeteria. This process keeps operating costs low.

Biometric systems

With its easy handling, high user acceptance and optimal data protection, biometric access control is very impressive. There is no scope for security risks due to ID cards being lost or given to someone else. And it goes without saying that it is highly cost-efficient.

Simply impressive:

- Unique identification of persons
- Selection between identification (biometrics instead of ID cards) or verification (biometrics as a supplement to ID cards)
- Easy, secure and convenient operation
- Biometric features can't be forgotten, lost, stolen or passed on to third parties
- Legal certainty – who gained access, when and where
- Data protection fully ensured through non-reconstructable fingerprints
- Hygienic access solution using face recognition and body temperature measurement
- Verification of mask wearing

Technology and functional principles

Mobile Access
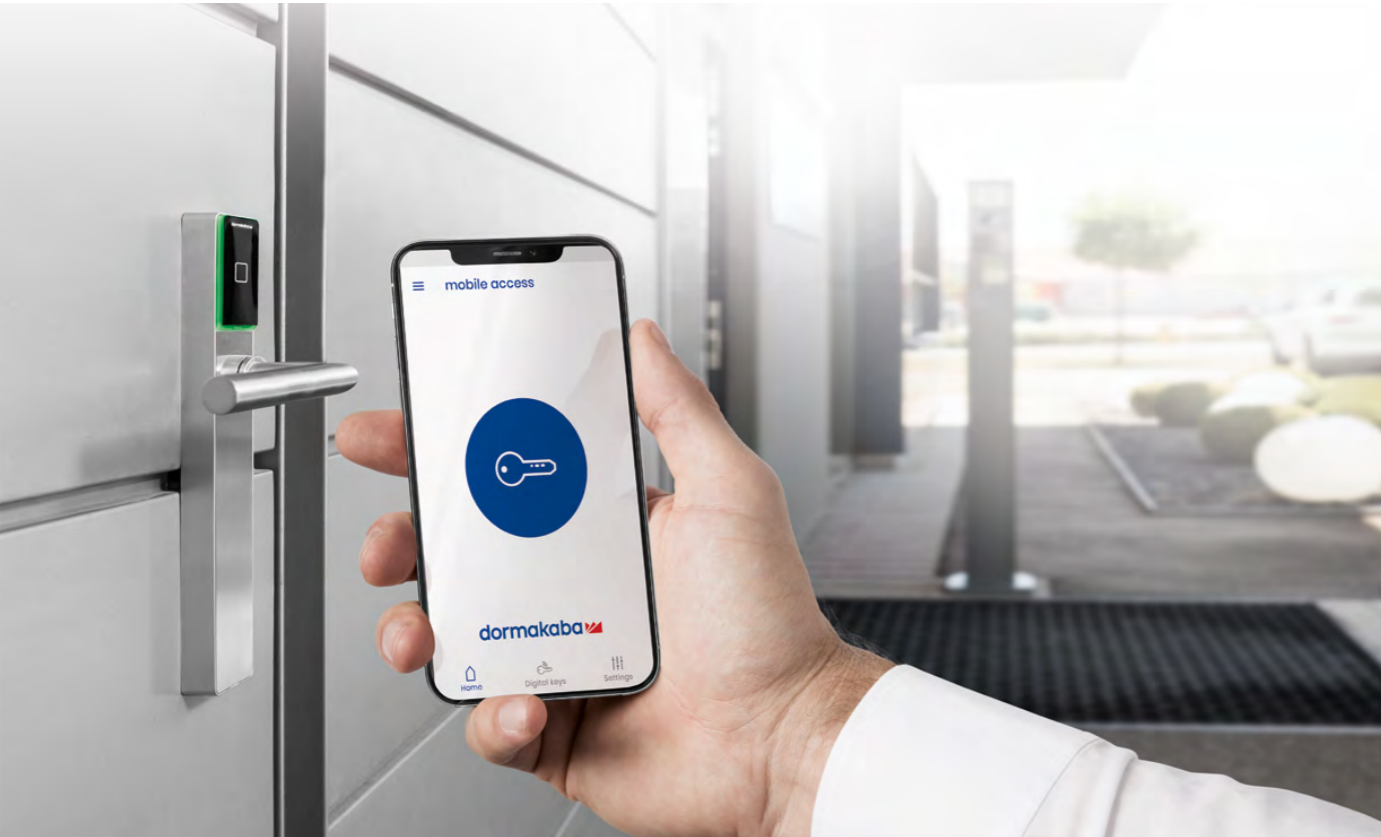
With Mobile Access, doors with and without a connection to the network are integrated into the access solution – easy, efficient and secure. Access permissions can very easily be imparted to employees, guests or service providers. This simplifies processes, as the issuance and return of access media are no longer required. In addition to security, user convenience plays a big role here. Access permissions for outlying rooms and infrastructure systems aren't granted until they're needed on site. A project manager can simply request the required access permission and receive it immediately on their smartphone by making a call, for example.

Simply impressive:
- Use of a smartphone as an access medium
- Can be combined with dormakaba online and standalone components
- Access permissions are transferred to the smartphone over a secure platform
- Door status and access events are transferred to the dormakaba access solution

Wireless

The Wireless function links the online and standalone spheres and networks the digital components. The wireless access components are comfortably controlled and maintained from your desk: There's no need for on-site programming. You have full access to the door components from your computer.

Simply impressive:
- Programming at your desk means high operational convenience
- Increase in security for outlying doors: no gaps in security thanks to the immediate transfer (e.g. withdrawal of permission in case of ID card loss)
- Information on door status and access events (time/location/medium)
- Secure and cost-effective expansion of all dormakaba access solutions with the Wireless function
- Quick, efficient planning and execution of maintenance and updates
- Less administration and time required

Hotel Access control systems
Ambiance access control software

dormakaba's latest software solution for our hospitality systems, Ambiance, covers the widest variety of requirements for access control in hotels. Users of the software can comfortably manage all access permissions for guests and employees thanks to web-based software architecture and configurable permissions. Interfaces to most major property management systems (PMS) are already available.

Main features:
- Bluetooth(r)/Digital wallet support
- Web-based clients
- Expanded reporting options, e.g. for key management
- Reading out of the event memory of the locking system
- Creation of access keys with special authorisations

Ambiance Cloud

The dormakaba Ambiance Cloud is a comprehensive cloud-based access management solution designed for the hospitality industry. It allows hotels and other properties to manage and control their electronic locks and access systems remotely via the cloud. This solution integrates with dormakaba's electronic locks and other systems, such as the Ambiance software platform, to streamline access management and improve operational efficiency.

Simply impressive:
- Centralized Access Control: Hotels can manage access to guest rooms, staff areas, and other secure locations through a central platform, enabling real-time control and monitoring.
- Mobile Key Integration: Guests can receive mobile keys directly on their smartphones, enabling keyless entry to their rooms. This enhances the guest experience by simplifying check-ins and reducing physical key handling.
- Remote Managementz: Property managers can remotely issue, revoke, and monitor keys and access credentials, reducing the need for on-site IT infrastructure.
- Scalability: The cloud-based architecture is scalable, making it suitable for small boutique hotels to large hotel chains
- Security: The system incorporates advanced encryption and security protocols to protect against unauthorized access.

- Cloud-Based Solution: Operates entirely from the cloud, eliminating the need for on-premise servers or software.
- Minimizes Disruption: Automatic software updates ensure minimal operational disruption and no dependency on local IT equipment.
- Automatic Software Updates:New features and improvements are deployed automatically, requiring no manual intervention.
- Easy Feature Deployment: New features can be deployed seamlessly, enhancing the system's functionality without any downtime.
- Multi-Tenancy Configuration: Supports multi-tenancy, allowing for efficient management of multiple properties or units.
- No Local IT Dependency:The solution operates independently of local IT infrastructure, reducing complexity and support needs.

Mobile Access solutions
Bluetooth®/NFC enabled hotel door

With dormakaba's convenient, reliable and secure solution for the mobile access of guests and employees, digital keys can be automatically provided on mobile devices using Bluetooth®/NFC communication technology so that, for example, guests can always access their room straight away while the personnel at the reception are freed up and the physical contact between the guest and personnel is reduced to a minimum. All dormakaba RFID locks of the latest generation support mobile access and can be configured accordingly; existing installations can often be retrofit.

Activation with LEGIC Connect

LEGIC Connect
dormakaba's solution for mobile access is based on our LEGIC Connect platform, which is provided through a high-security data centre.

Mobile access via app

App solutions
There are three ways to implement mobile access via app: either your hotel already has its own app, you use the booking app of a third-party provider or you simply use the free, easy-to-use dormakaba BlueSky app. In all these cases, guests can comfortably receive and use digital keys on their compatible end device.

BlueSky
BlueSky is a simple, but functional, solution for all users who don't wish to invest in the development of their own app or enter into a partnership with a third-party provider or who wish to first discover the possibilities of mobile access for themselves. The app is available for iOS and Android smartphones.

Quantum Pixel⁺
The art of seamless access

Minimalist design. Maximum performance. The electronic hotel lock Quantum Pixel+ provides an easy-to-use, secure, and flexible solution that is both visually sleek and highperforming. The lock electronics are hidden within the door, while the hardware design blends in with our range of rose and lever options. The result is a lock design that integrates seamlessly within any hotel décor.

Main features:
- Minimalist design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring – lock and keycard audits
- Tracking mortise for door ajar reporting
- Wear resistant construction and finish
- NFC programming and auditing
- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Supports Bluetooth® Low Energy, enabling mobile access
- Supports RFID credentials
- Supports digital walletsenabling mobile access
- Supports RFID credentials
- Supports digital wallets

Electronic hotel locks
Saffire LX

The Saffire LX hotel lock combines advanced technology with modern, elegant design. The comprehensive equipment regarding security and flexibility leaves nothing to be desired. The Saffire LX comes equipped with Bluetooth® technology straight from the factory. In combination with our associated software solutions, mobile access can be implemented easily and securely in this way.

Main features:
- RFID lock, pre-equipped for mobile access
- Minimalistic design
- Suitable for new construction projects and conversion work
- Online operation optional (Zigbee)
- Supports NFC and Bluetooth®
- Compatible with the Ambiance access management system

Quantum™ RFID
Electronic hotel lock

The Quantum RFID lock offers a unique twopiece modular design. Synonymous with superior performance, the lock is renowned for access control, life safety and security. The Quantum RFID is easy to use and works with dormakaba Access Management Software.

Main features:
- High security and tamper-proof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - Keycard audits
- Tracking mortise for door ajar reporting
- Wear resistant construction and finish
- NFC programming
- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader
- Supports Bluetooth® Low Energy enabling mobile access
- Supports RFID credentials

Confidant RFID

Thanks to its discreet, modern design, Confidant RFID ideally fits into nearly every hotel environment. The combination of contactless RFID technology and elegant aesthetics positively rounds out the stay of your guests and makes no compromises when it comes to durability. This modern locking system can be combined with the dormakaba Ambiance access management software available It is different kits:

Confidant RFID kit 1
Exterior fitting only – for the retrofitting of existing locking systems while retaining the interior fitting and mortise lock

Confidant RFID kit 2
Exterior and interior fittings – for the retrofitting of existing locking systems while retaining the mortise lock

Confidant RFID kit 3
Exterior and interior fittings with mortise lock – for conversions or new buildings. Confidant RFID supports the dormakaba solution for mobile access via Bluetooth® (optional)/NFC, which enables guests to use their mobile device as a key.

Main features:
- RFID lock, mobile access available as an option NFC-compatible
- Suitable for both new buildings/ conversions and retrofit projects
- Online operation optional (Zigbee, only in comb. with the Saflok version)
- Compatible with the Ambiance access management systems

RT Plus

RT+ is a robust, electronic full-body lock with contactless RFID technology. This user-friendly, extremely durable lock is compatible with the dormakaba Ambiance access management systems. The RT+ series supports the dormakaba solution for mobile access with Bluetooth®/NFC, which enables guests to use their mobile device as a key.

Main features

- RFID lock, pre-equipped for mobile access
- For new buildings and retrofit projects
- Online operation optional Zigbee
- Easy retrofitting of 790 legacy series to RT+

SR3 (concierge) for guest rooms

The Saflok SR3 is a flexible RFID wall-installation module for users who place the highest value on an elegant, custom design for their guest rooms. By installing the SR readers behind suitable custom-designed cover panels, you give access to guest rooms in your hotel a very special flavour. At the same time, you can also freely design the lever handles and interlock buttons on the doors in this way. The SR3 is a minimalistic solution which replaces the use of a fitting or RFID reader on the door. The SR3 installation module supports the dormakaba solution for mobile access via Bluetooth® (optional), which enables guests to use their mobile device as a key.

Main features:

- RFID wall-installation module, mobile access available as an option
- Customised design
- Installation behind a customer-specific cover plate
- Online operation optional (Zigbee)
- Compatible with the Ambiance access management system
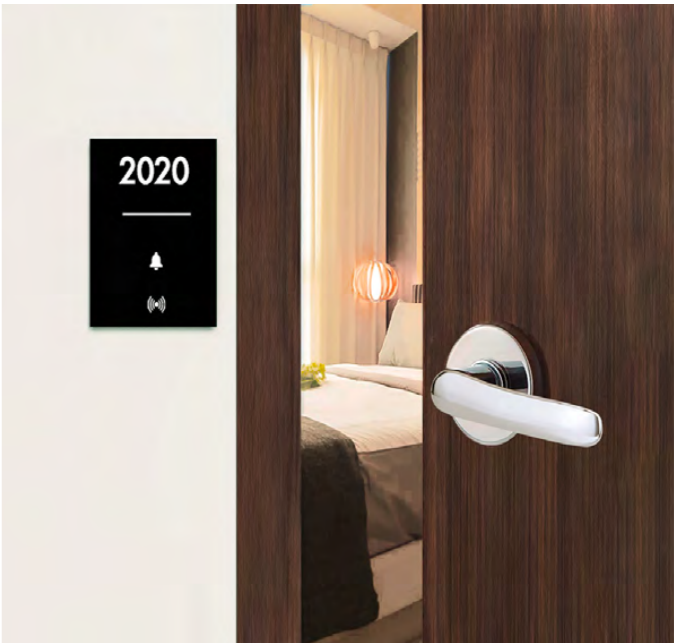
Quantum Electronic Lock Series

The Quantum Series of electronic smart locks offers an award winning, two-piece modular design with an RFID reader for a sleek, elegant look and superior lock performance. The lock is easy to use and works with Community™, our Access Management System. Community provides online access management solution and superior control and monitoring.

Product Details

- High security and tamperproof design 1" solid deadbolt (optional auto deadbolt)
- Tracking mortise for door ajar reporting
- Emergency access: emergency key and electronic override

Functionalities

Batteries last up to 2 years
Low battery indicator alerts staff
Lock programming and audit records are not erased during battery replacement
Operates with a completely sealed contactless reader (RFID only)

Main features:

- Suitable for small to very large scale housing factilites
- Easily replaces existing mechanical or electronic door locks
- Access control for guest rooms, common areas, and back-of-the-house

Perimeter access
RAC5

With our peripheral devices, you expand your building protection beyond just door access. High-frequency access areas such as entrances, lifts, multi-storey car parks and other security areas are ideally integrated into the security concept of your building with our card readers.

Main features:
- NFC programming and auditing
- Multi-Floor Controller expanded relays from 1 to 64
- Available with 1 or 2 RAC5 RFID readers
- Optional online functionality for remote cancellation of credentials/auditingnot erased during battery replacement
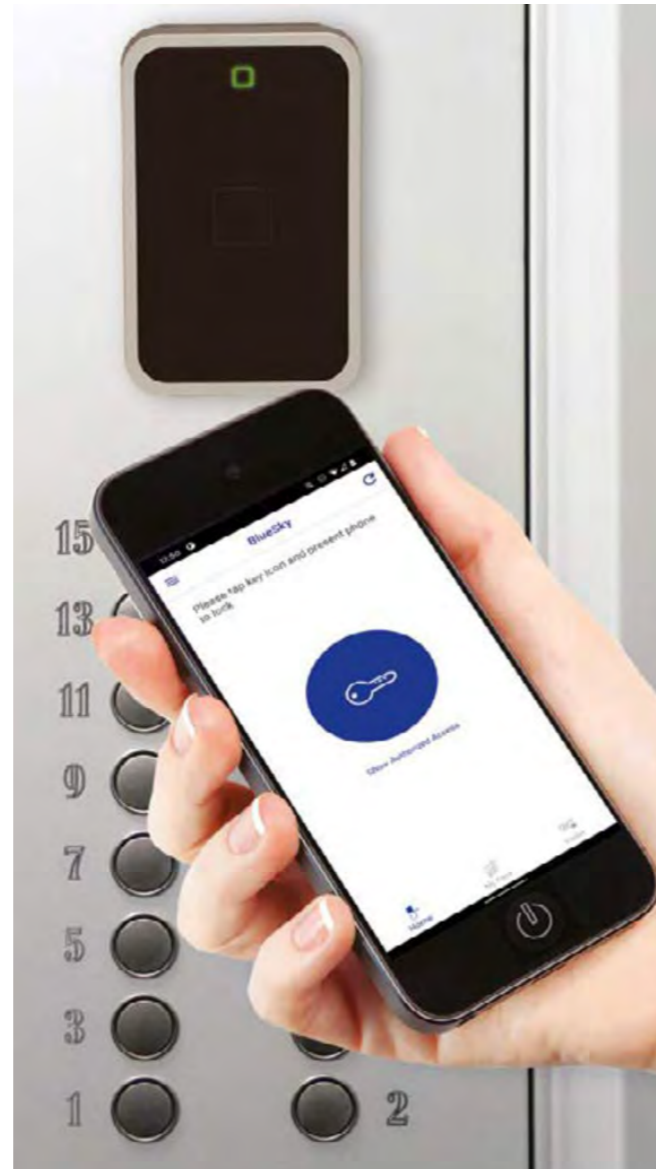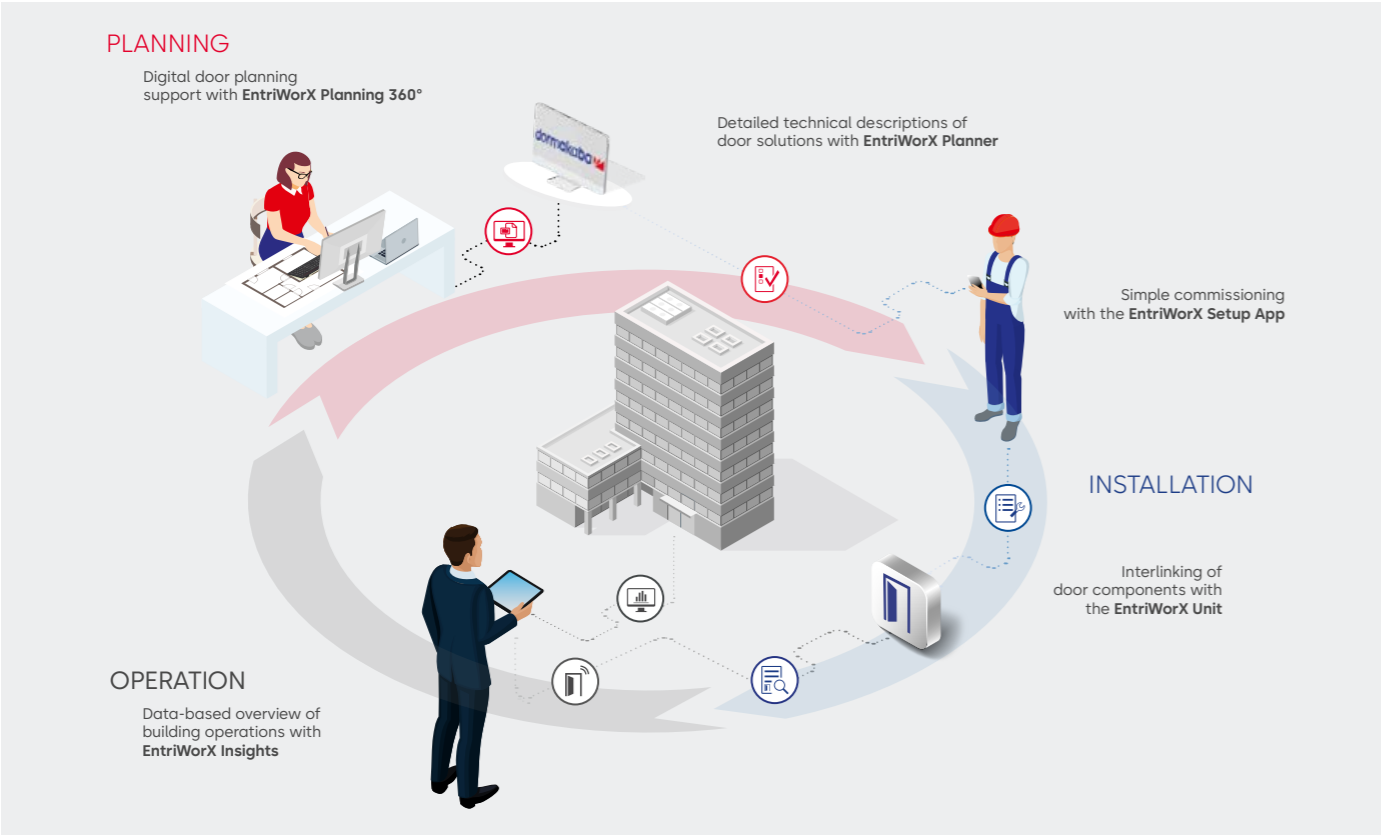
EntriWorX EcoSystem

One single EcoSystem for everyone.
Improving productivity, collaboration and planning security: EntriWorX, the EcoSystem for planning, installing and operating door systems. Ideal for architects, planners, installers, facility management and anyone involved in the building construction process and building lifecycle. A digital environment for collaborative working. All planning documents and access information is accessible online to everyone involved.

One EcoSystem for everyone
Productively plan, install and operate access solutions.

PLANNING
Digital door planning
support with **EntriWorX Planning 360°**

Detailed technical descriptions of
door solutions with **EntriWorX Planner**

Simple commissioning
with the **EntriWorX Setup App**

INSTALLATION

Interlinking of
door components with
the **EntriWorX Unit**

OPERATION
Data-based overview of
building operations with
EntriWorX Insights

EntriWorX Planning

Digitized and collaborative door planning

For design planning: **EntriWorX Planning 360°**
- Open BIM ready, Autodesk-Revit and IFC files, 2D CAD formats.
- Complex situations and interdependencies can be visualized in 3D.
- Effective issue management via standard interfaces such as BCF.
- Easy import and export of door lists.

For installation planning: **EntriWorX Planner**
- Planning with functional door models from predefined door templates.
- Implementation compliant with standards and building regulations.
- Visualization of access and security zones including component list and connection diagrams.
- Development of technical and operational design planning.

EntriWorX Installation

Digitized door installation and commissioning

The central core: **EntriWorX Unit**
- One single device ensures that all function data are exchanged.
- Reduced complexity thanks to easy wiring of the dormakaba components.
- Simple collaboration of different components (even from third-party providers).
- Time-saving installation due to reduced components and less wiring.

The installation app: **EntriWorX Setup App**
- Commissioning is done step-by-step with a smartphone or tablet.
- Malfunctions can be localized digitally.
- Complete documentation like specifications, wiring diagrams, floor plans and connection diagrams, technical drawings for production, component lists and installation videos can be accessed via the **EntriWorX Setup App**.

EntriWorX Operation

Efficient building management thanks to access to digital doors

Occupancy Insights: **EntriWorX Insights**
Room occupancy in real time:
- Precise sensor technology.
- The data can be analyzed from anywhere via the cloud.
- Suitable for all doors and open access points.
- Intuitive displays show the current room occupancy.
- Time-saving installation due to reduced components and less wiring.

Remote Support: **EntriWorX Supported Service**
- 24/7 dormakaba service support.
- Monitoring and proactive maintenance that's always on task.
- We keep watch and manage so you can focus where it counts.

Door Insights: **EntriWorX Insights**
Detect faults immediately:
- Interruptions can be prevented proactively.
- Cloud-based data management.
- Integration of door data into existing monitoring, via the API interface.
- Thanks to IoT and "Always On", the operation, maintenance and repairs are adapted to current needs and do not adhere to any predefined maintenance schedule.

All data in your system: **EntriWorX Integrate**
- Integration of door data into smart building operations systems
- Holistic insights across eco-systems to maximize the value of door insights

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Planning
Efficient planning

EntriWorX Planning 360°, the web-based collaboration software, simplifies not only the design planning but also communication among all those involved in the planning and implementation of generating the door list. Time constraints, building regulations, safety requirements and ambitious customer needs are easily handled. The technical and operational design plans can be mapped and adapted as needed, for instance by security advisers, installers or by dormakaba itself using the **EntriWorX Planner**.
The tool works with predefined templates, which are then provided in the data cloud.

Installation
Faster commissioning

Installation is aided by the user-friendly **EntriWorX Setup App**.

The commissioning process is carried out step by step via smartphone or tablet. Installation errors can be systematically detected and corrected.

The core of the system is the compact hardware **EntriWorX Unit**, which significantly reduces the number of components and wiring required for the installation.

The intelligent controls save valuable installation time and increase productivity.

Operation
All data at a glance, any time

Facility management nowadays works with digital tools and processed performance information:

- Control of room occupancy and people traffic
- Monitoring and analysis of door operation data
- Doors report malfunctions independently
- Maintenance and repairs according to actual requirements of the door
- Integration with API interfaces

EntriWorX Insights provides more transparency and efficiency and makes it possible to operate door systems pro-actively based on historical data.

Our services.
For your peace of mind.

We take care of safe access to your building: from planning to installation to ongoing operations – and beyond.

Increase the product longevity
With over 150 years of experience as a manufacturer, we contribute our unique expertise to ensure the smooth operation of your access points: for automatic doors, access control, door hardware and everything related to the door.

Operate building solutions securely
Secure access and a positive user experience throughout the site are a top priority for owners, users and investors – whether it's hotels, hospitals, shops, airports or offices.

Installation
Everything from a single source: as the manufacturer, we also carry out installation and commissioning.

Training
We offer you comprehensive specialist training courses and webinars.

Modernisation and upgrades
Ensure the long-term functionality, security and protection of your access solutions.

Original replacement parts
A perfect fit and high level of availability for maximum service life.

dormakaba Services.
Everything for your security.

Maintenance
Regular maintenance, checks and documentation.

Updates and consulting
We advise you on system solutions and keep your software secure.

Repair
We'll get you up and running again. We solve problems quickly and easily.

Comprehensive service.
We support you in all building phases and throughout the entire product lifecycle. You can contact us 24/7 in the event of malfunctions.

Maintenance contract security.
As a maintenance customer, you benefit from regular checks and thus from fewer malfunctions and greater reliability. You also receive exclusive conditions and individual modernisation proposals.

The greatest possible cybersecurity & compliance.
In addition to your hardware, we also keep your software for access and time up to date. This ensures that your systems work smoothly and remain protected from cyber attacks.

Intelligent maintenance of the future.
We're driving digitalisation in service and developing tools that enable comprehensive data analysis and thus even more on-demand maintenance. Would you like to learn more?

Your service benefits at a glance:

Quick help – we provide quick, hassle-free assistance in case of malfunctions.

High level of security – through regular maintenance, we actively prevent potential malfunctions, downtimes and, therefore, danger.

Maximum comfort – smooth people flow for a positive user experience.

More cost-effectiveness – regular maintenance increases the product longevity of your systems and thus saves time and money.

Legal certainty – We provide competent support in fulfilling your obligations as a building operator.

Increased building value – utilise modernisation for even greater convenience, efficiency and sustainability.

Contact us.

We're here for you.
https://www.dormakaba.com/in-en/service

Sustainability is something that can be built in. Throughout our entire value-creation chain, we harmonise economic, ecological and social responsibility. The result: The future is already contained within all our solutions today.

An environmental product declaration (EPD) is a prevalent industry standard developed as per international standards ISO 14025, 14040, 14044 and European standard EN 15804. EPDs create transparency throughout the entire life cycle of a product. With an EPD, environmental impacts on the level of the product or product group can be documented. As part of our commitment to contributing to environmentally friendly buildings, we became a member of the German Institute of Building and the Environment (IBU), our partner in creating EPDs, in 2010.

More information on our commitment to sustainability and our EPDs from the product areas

- Door hardware
- Entrance systems
- Electronic access & data
- Mechanical key systems

can be found here:
www.dormakabagroup.com/en/sustainability

Sustainability How do we see our world?

With full responsibility

Sustainability as a factor for success.
If you'd like to be a trusted industry leader, you have to utilise transparent reporting and recognised product declarations. With us, you know you get longevity in every regard. To continually improve ourselves, we seek open and transparent dialog with every stakeholder group – that means you.

Certification and declaration.
We know how important the environment is. Building certification systems are an important factor in the global construction industry. We support the requirements of the building certification systems by providing an extensive portfolio.
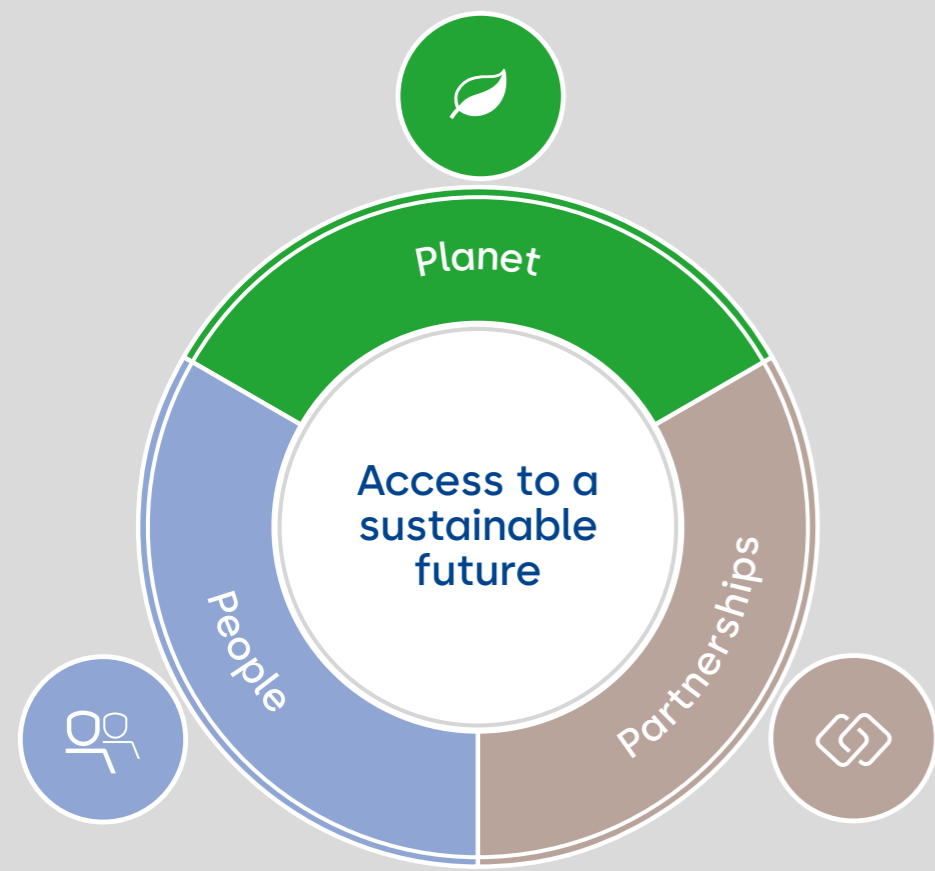
Plan with an eye to the future.
Today, sustainable construction requires flexible product solutions. With our module access solutions, you're not only able to save resources, but also improve the wellbeing of the people who use the buildings.

The pleasure of saving energy.
Thanks to our well-thought-out product systems, barrier-freedom can be combined with thermal separation. For instance, automatic sliding doors have excellent insulation values thanks to improved thermal separation of the profiles. Reducing energy consumption is sustainability in practice.

Strategic framework for sustainability

Access to a sustainable future

Planet

People

Partnerships

Our contribution to the UN goals for sustainable development

	Purpose	Essential topics	Key objective	Contribution to SDGs

People
We enable our employees to reach their full potential

We create a fair, integrative and safe corporate culture which enables our employees to be successful. We offer them a workplace where they can continually develop, contribute their ideas openly and be proud of their accomplishments.

– Fair employment
– Training/education
– Diversity and inclusion
– Work safety and health protection

One in three managers is a woman

Target year	2027
Reference year FY 20/21	19 %

	Purpose	Essential topics	Key objective	Contribution to SDGs

Planet
We're opening the doors up wide for a low-CO₂ recycling economy

We develop innovative and resource-efficient solutions for the recycling economy and do our part for a climate-resilient future. We offer long-lasting, energy-efficient products which help our customers to achieve their own sustainability goals.

– Energy and emissions
– Recycling economy and materials
– Compliance with environmental regulations

Reduction in operating emissions by 42% in accordance with a 1.5° future

Target year	2030
Reference year FY 20/21	74,770 mt CO_2e*

Reducing the emissions of the value-creation chain for purchased goods and services, as well as with the use of purchased products by 25%

Target year	2030
Reference year FY 19/20	1,197,848 mt CO_2e*

All new product developments and optimisations are covered by our recycling approach

Target year	2023

*Reference year FY 2019/2020 in accordance with validation of the Science-Based Targets Initiative

	Purpose	Essential topics	Key objective	Contribution to SDGs

Partnerships
We work together to promote sustainable development beyond our own front doors

We lead with a good example and are committed to advancing more environmentally friendly practices and supporting the protection of human rights together with our partners. With our secure access solutions, we're also contributing to the health and safety of people. We work together with partners to raise awareness of the safe handling of our products.

– Human rights
– Customer health and safety
– Development of our own sustainable supply chain

External evaluation of all high-risk suppliers with regard to their sustainability management or terminating cooperation should participation be lacking

Target year	2027
Reference year FY 20/21	10%

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability

Our offering

Access Automation Solutions

Entrance Automation
Entrance Security

Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems

Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems

Services

Technical Support
Installation and commissioning
Maintenance and Repair

Key & Wall Solutions

Key Systems
Movable / Sliding Walls

Safe Locks

Electronic Safe Locks
Mechanical Safe Locks
Boltworks and Accessories

Glass systems

Manual door systems
Glass fittings
Horizontal Sliding Walls

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