



# MATRIX ONE

Access made simple

Simple  
Secure  
Web-based

dormakaba 

# MATRIX ONE:

## The access solution you've always dreamed of

MATRIX ONE is the secure access solution tailored to the needs of small- and medium-size enterprises. You enjoy the benefits of an easy all-round system, both in terms of installation and operation: the solution is rolled out in no time at all and the modern intuitive interface is user-friendly. MATRIX ONE is installed on a PC or server on the premises; it is completely web-based and automatically adapts to the size of the browser window. As soon as it is installed, MATRIX ONE can be accessed by any autho-

rised computer in your network. All you need to do is enter the access media to immediately benefit from the secure, simple and browser-based access solution.

Small- and medium-size enterprises need an access solution that is fast and simple to set up. MATRIX ONE can be rolled out in no time and easily operated via the browser.

For more details go to  
[www.dormakaba.com](http://www.dormakaba.com)





# MATRIX ONE FAQs

## **For whom is MATRIX ONE suitable?**

The system is ideal for small- and medium-size enterprises. For instance:

- Trade businesses
- Commercial companies
- Administrative buildings
- Service companies
- small and medium-sized industrial companies

## **Which benefits does MATRIX ONE offer security managers?**

- A perfected role concept easily defines responsibilities across departments
- Revisability covers all definitions of system parameters
- Easy-to-administer interfaces with third-party systems

## **Which benefits does MATRIX ONE offer security managers?**

- Minimum effort as the system is browser-based
- No installation expense for work terminals
- Can also be used for virtualisation
- Encrypted installation via different certificate solutions, e.g. with a customer certificate

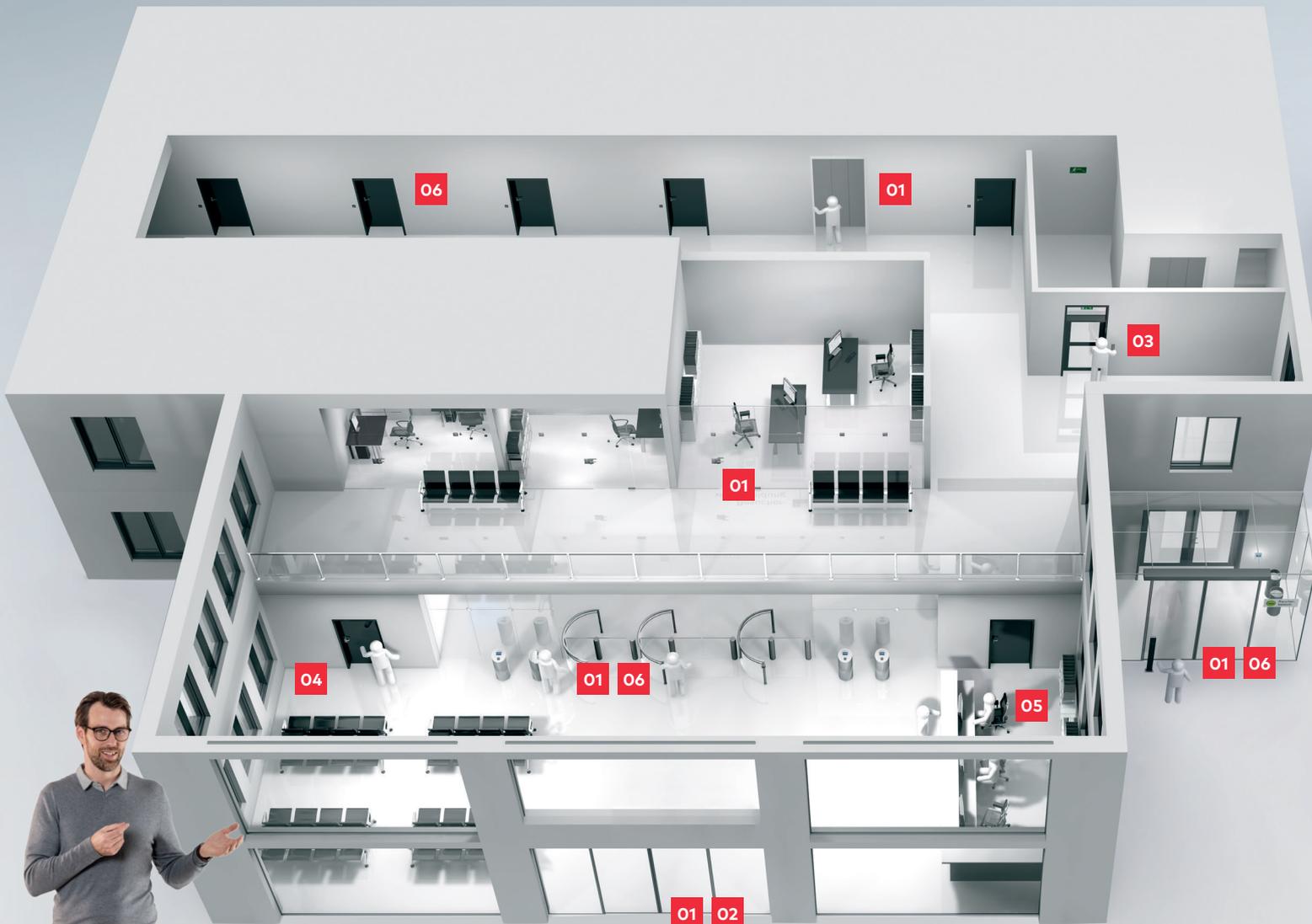
## **Which benefits does ONE offer system administrators?**

- Quick and easy-to-find dialogues for standard tasks with favourites concept
- Operation via browser in usual concept
- Sound evaluations with customisation option

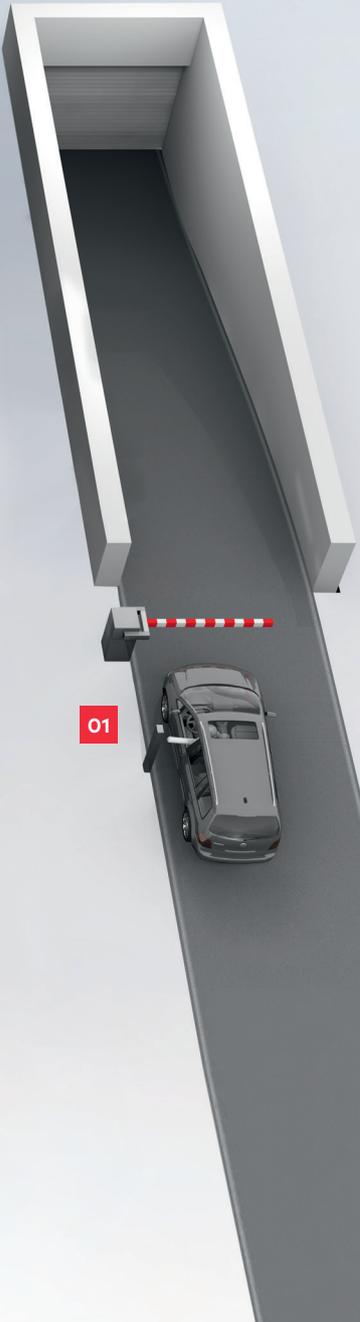
## **Which benefits does MATRIX ONE offer users?**

- Fast reaction time in case of clock-in/outs
- Transparency thanks to browser-accessed info portal

# Your access solution



How many and how often are doors opened daily in your company? And, more importantly, by whom? MATRIX ONE lets you answer these questions easily. In the future you will be able to easily and securely control to whom when, where and how access is granted – or not.



**01**  
**Access function**

- Personnel set
- Key plan
- Access profiles
- Individual rights
- Weekly access plans
- Daily access programs
- Room zones



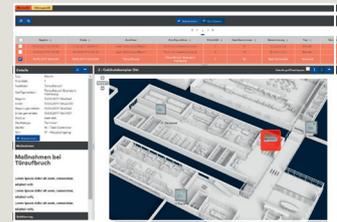
**02**  
**Door status monitoring and notifying**

- Entrance contacts for controlling and monitoring
- Definition of the unlocking pulse duration
- Permissible door open time and alarm duration
- Sending an email message



**03**  
**Interface to a burglar alarm system**

- Activation/deactivation for BA system via interface
- Access reader deactivation possible



**04**  
**Alarm monitor and camera**

- Colour-coded alarm representation
- Graphic representation of alarms in the site plan
- Logging



**05**  
**Visitor management**

- Administration of all visitors
- Preregistration function for employees (self-service)
- Visitor recording
- ID management
- Sending of QR Codes for e.g. access to visitor parking
- Connection signature pad for form signatures

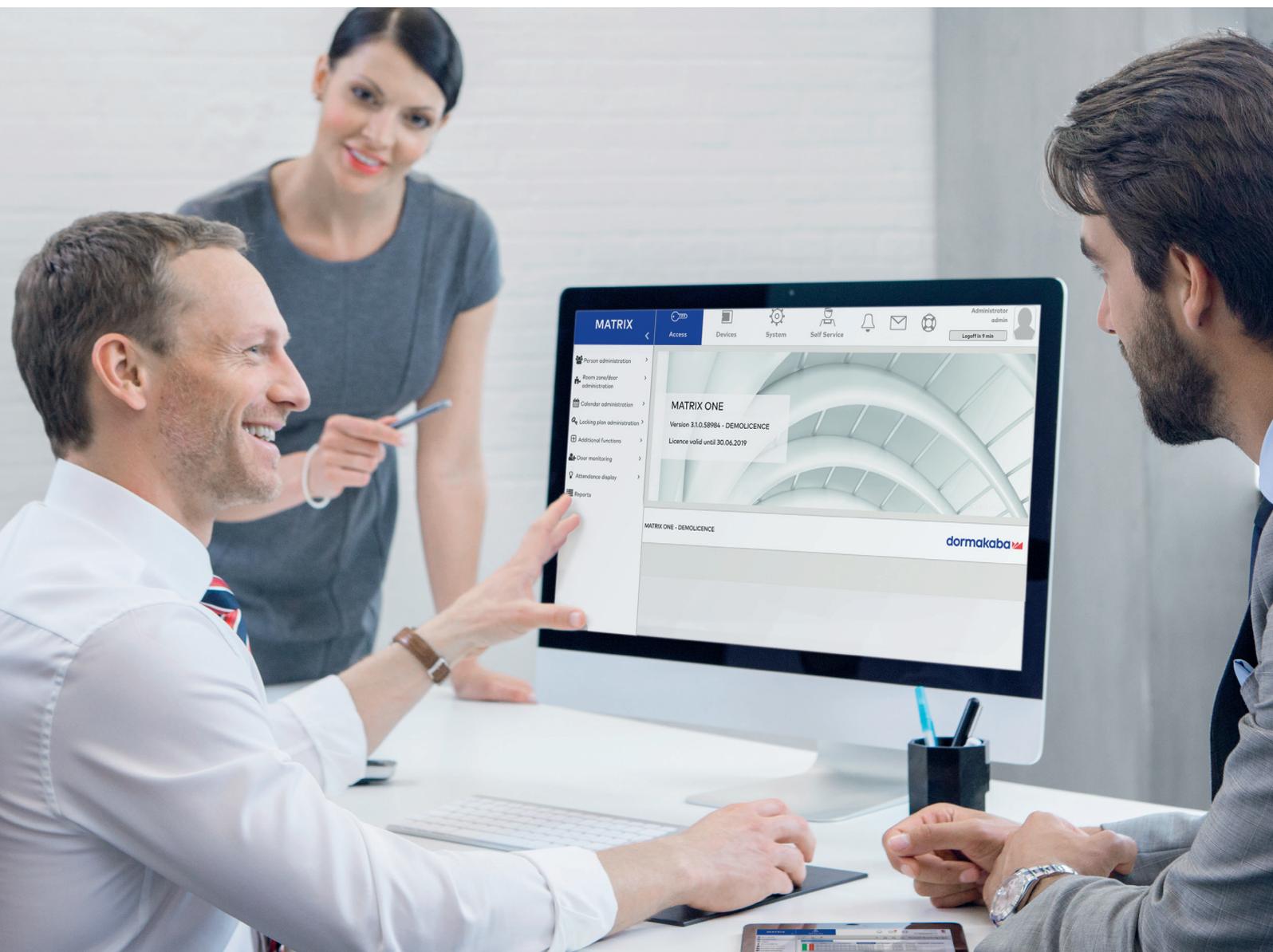


**06**  
**Free choice of operating modes**

- Online
- Wireless Online
- Whitelist
- Access on card
- Mixed mode

# The simple solution

MATRIX ONE covers the key requirements of small- and medium-size enterprises, so it can be used directly without any major adaptations and adjustments. Once the hardware is connected and configured, setup can be completed in next to no time. Saving costs, time and personnel couldn't be easier.



# The secure solution

MATRIX ONE is installed on a PC or server for you to manage, so you always keep full control over your access solution. The system also complies with the latest standards in access control. The following requirements can be implemented:

## Online

The access points are wired up and connected to the access system or access control centre via a network. New access rights are sent in real time to access points via the network.

## Wireless Online

The access points are radio-linked to the access system. Events can be directly forwarded to or requested by the system. Access rights can therefore be granted and withdrawn within seconds.

## Whitelist

The access points are not wired and access rights are stored in the components. Rights are uploaded to the components on site via a programmer 14 60.

## Access on card

The access points are not wired and the connection between the access system and door component is established via the ID card. Access rights are written onto the ID card on central online readers, dispensing with a complex wired infrastructure. The battery status of a component can be transferred to the system via the ID card.

## System overview



Desktop-PC



Laptop



Tablet



Smartphone

## MATRIX ONE

### Online



Access manager



Registration units

### Wireless online



Wireless Gateway



Remote reader



Mechatronic cylinder



Digital cylinder



c-lever Fittings

### Whitelist and Access on Card



Remote reader



Cabinet lock



Mechatronic cylinder



Digital cylinder



c-lever Fittings

# The web-based solution

MATRIX ONE is operated via a modern, intuitive and multilingual browser interface. As no software is installed on the PCs, tablets and smartphones, there is no need for updates later on, either. The system is easy-to-learn, automatically adjusts to the size of the browser window and can thus also be deployed efficiently in distributed organisations – no matter whether via tablet, smartphone or PC. Once installed on your server, the completely browser-based system can be accessed by every computer in your network. All of this facilitates operation, installation and maintenance.

The image shows a man in a grey suit standing next to a large monitor, a tablet, and a smartphone, all displaying the MATRIX ONE web-based interface. The interface is a modern, intuitive, and multilingual browser interface. It features a navigation menu on the left with options like 'Person administration', 'Persons', 'Departments', 'Access profiles', 'VBI permissions', 'Priority settings', 'Access weekly profiles', 'Access daily times', 'Reasons for blocking person', 'Search profiles', 'Room zone/door administration', 'Calendar administration', 'Locking plan administration', 'Additional functions', 'Door monitoring', 'Attendance display', 'Reports', 'Wizards', 'Help', and 'Logout'. The main content area displays a search form with fields for 'Last name', 'First name', 'Department', 'Employee number', 'ID card number', and 'ID card label'. Below the search form is a table with the following data:

<input type="checkbox"/>	Last name	First name	Department	Employee number	ID card number	ID card label	Blocked	Delete
<input type="checkbox"/>	Ackreiter	Thorsten		1	9001	001	<input type="checkbox"/>	
<input type="checkbox"/>	Hochmeyer	Gertrud	2 - Produktion	5	8201	201	<input type="checkbox"/>	
<input type="checkbox"/>	Leroy	Fabienne	1 - Verwaltung	4	9011	011	<input type="checkbox"/>	
<input type="checkbox"/>	Martin	Eric	1 - Verwaltung	2	9002	002	<input type="checkbox"/>	
<input type="checkbox"/>	Matrino	Johanna	1 - Verwaltung	3			<input checked="" type="checkbox"/>	

The interface also includes a 'Selection Persons' section and a 'Logoff in 9 min' button. The logo 'dormakaba' is visible in the bottom right corner of the interface.



# All benefits at a glance

## Simple

- Uses the existing infrastructure
- Fast installation
- Intuitive operation
- Effective deployment in your company organisation
- No specialists or training required

## Secure

- Reliable instant granting and rejecting of access
- Complies with the new access standard EN 60839-11-1, security grade 2
- All data remain in the user's network

## Web-based

- Operation via browser via tablet, smartphone or PC in your network
- Automatic adjustment to the browser window
- Modern multilingual interface
- Always up-to-date – no client software updating required

## Other benefits

- Low costs, time and personnel effort
- Supports offline, access on card and online modes
- Inexpensive starter licenses can be upgraded at any time for up to 1000\* employees
- Demo license of a limited number of employees
- Remote opening

## Option

- Extended access functions
- Visitor management
- Door status monitoring
- Alarm management
- Activation/deactivation of an existing burglary alarm system
- Continuous personal import
- Simple booking recording

\*Country specific

# Components

MATRIX ONE offers you a wide selection of different components.



## Remote reader

Remote readers are designed for simple and sophisticated access points and offer the advantage of separating the registration unit and door control. This makes them suitable for installations in protected interiors for controlling an access point that is located in unprotected exterior.



## Compact reader

The compact readers can be universally used in all access solutions. Together with a control unit, the readers ensure increased security by being online at all times. It is particularly suitable for access within an organisation. Users identify themselves at the compact reader contactless with their RFID ID card. It checks and interprets the data recorded in the reader and then decides on the access permission.



## Registration unit

dormakaba registration units are generally separate from the control unit (remote reader or access manager). The control unit can be installed in a tamper-proof room and the registration unit is located directly at the door. There are different appealing designs for each installation location. The communication between the registration units and the control unit is encrypted and therefore highly secure.



## c-lever compact

This flexible electronic solution replaces mechanical handles and is completely independent of the cylinder, so in most cases there is no need to change the lock.



## c-lever pro

The quality materials meet high standards in terms of robustness, weather resistance and security. In addition to offering protection against intrusion and fires, the c-lever pro can be used for emergency exits and escape routes.



## c-lever air

The c-lever air meets high aesthetic and functional demands for your access control. A special feature is its thin door leaf design, which generally makes it possible to continue using existing lock cylinders. Its flat design has already been awarded a few times.



## Digital cylinder

Its energy-efficient electronics detects RFID access media, checks their authorisation and releases doors for entry. Various versions ensure the optimum solution for every door situation.



## Access manager 92 00

Access manager 92 00 is an efficient control which manages and controls up to 2 doors depending on the system solution. The desired control function or alarm management is implemented via digital inputs and outputs.



## Access manager 92 30

Access manager 92 30 has been optimised for individual access points. Two recording units can be directly connected. It is powered via the network cable. Its discreet design blends in well with every building structure.



## Wireless gateway 90 40

Access rights can be granted and withdrawn again in seconds with immediate effect.



## Cabinet lock

With the electronic cabinet lock, you can protect your personal documents and materials against unauthorised access in wardrobes, lockers and other furniture – easily and conveniently without turning a key.



## Mechatronic cylinder

Mechatronic cylinders bridge the gap between electronic access control and the world of mechanics. As part of the tried-and-tested Kaba evolo portfolio, they can be seamlessly integrated into existing mechanical master key systems. A whole world of new possibilities is now available, thanks to the combination of mechanical cylinders and electronic access control.

# Holistic solutions for comprehensive security

Aside from MATRIX ONE we offer many other access solutions and system for enhanced security, more efficient organisation and transparent processes.

We also supply access systems including circular sliding doors, emergency exit control solutions and door closing systems.

Other solutions from dormakaba



TMS emergency exit control system



Sliding door closers



**Door  
Hardware**



**Electronic  
Access & Data**



**Mechanical  
Key Systems**



**Lodging Systems**



**Entrance  
Systems**



**Interior Glass  
Systems**



**Safe Locks**



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