dormakaba

# MATRIX ONE
## Access made easy

Simple | Reliable | Web-based

Product Brochure

# MATRIX ONE:
# an access solution to suit your requirements

MATRIX ONE is the secure access solution that is perfectly adapted to the needs of small- and medium-sized enterprises. Access made easy: you always benefit from an extremely simple system, both in terms of installation and operation. The solution is set up within a very short time and the modern interface can be operated intuitively. MATRIX ONE is installed on-site on a PC or server, is fully web-based and automatically adapts to the size of the browser window.

Once installed, MATRIX ONE can be accessed from any authorised computer on your network. The system is pre-configured by us, so it is ready for use in your premises within a short space of time, because you do not have to adjust everything individually. You simply create the access media and immediately benefit from a secure, simple, web-based access solution.

Small and medium-sized companies need an access solution that can be put into operation quickly and easily. MATRIX ONE can be set up within a short space of time and is easily operated via the browser.

# Questions and answers about MATRIX ONE

### Who is MATRIX ONE suitable for?
The system is perfect for small- and medium-sized enterprises. For example:
- Workshops
- Trade companies
- Administrations
- Service establishments
- Small and medium-sized industries

### What advantages does MATRIX ONE offer security managers?
- A sophisticated role concept very easily defines the responsibilities between specialist departments
- The revision capability includes all definitions of the system parametrisation
- Easily administrable interfaces to external systems

### What benefits does MATRIX ONE offer IT managers?
- Minimal effort due to browser-based system
- No installation effort for operating stations
- Can also be used for virtualization
- Encrypted installation via various certificate solutions, such as a customer certificate

### What benefits does MATRIX ONE offer system administrators?
- Quickly and easily findable dialogs for standard tasks using a favourites concept
- Operation via browser in the familiar concept
- Informative evaluations with individual adjustment option

### What benefits does MATRIX ONE offer users?
- Fast response time for bookings
- Transparency through info portal accessed in the browser

# Access is becoming mobile.
## With Mobile Access

With Mobile Access, you can transfer access permissions to a smartphone easily and flexibly. What that means for you: you manage all access permissions centrally in MATRIX ONE and convert any desired mobile devices into access media. You can simply transfer the access permissions to the smartphone in advance or at short notice in real time. This saves having to issue and withdraw additional access media. As well as the effort involved.

Keep track of all access events – and manage them at all times, who gains access when and where and for how long. Digitisation can be that simple!

**Advantages**
- Simple to implement
- Easy to use
- Process optimisation
- Saves resources
- State-of-the-art technology

# MATRIX ONE:
## the right variant for every requirement

MATRIX ONE offers three different variants (S, E, O) to meet your individual requirements. There are two setups: a setup for MATRIX ONE S and a setup for MATRIX ONE E and MATRIX ONE O. This allows for easy implementation, especially in the case of the MATRIX ONE S solution. The system is scalable. So, you can easily expand MATRIX ONE and upgrade it to the next variant.

**Design access control entirely according to your wishes:**
- Access functionality: Profiles, weekly profiles, employee records, individual permissions, access weekly profiles, access daily times, room zones, encoding blank RFID cards and opening barriers via Nedap plate camera (possible in MATRIX E and O)
- Free selection of operation modes: offline, online, wireless, Access on Card, Mobile Access or mixed use

MATRIX ONE complies with the latest standards for access control. A free functional demo version is available on request.

## The variants at a glance

| Scope | Variants | | |
|---|---|---|---|
| | MATRIX ONE S | MATRIX ONE E | MATRIX ONE O |
| **Number of people** | 100 | 4,000,001 | 4,000,001 |
| **Number of doors** | 100 | Not limited | Not limited |
| **Access permission via locking plan** | ● | ● | ● |
| **Access permission via fixed access profiles** | | ● | ● |
| **Allocation of individuals and groups** | | ● | ● |
| **Expanded functions** | | | ● |
| **Mobile Access** | ● | ● | ● |

# Advanced features for your access

**How many doors are opened how often at your company each day? And most importantly, by whom?**
MATRIX ONE makes it easy for you to answer these questions. In the future, you will be able to easily and safely regulate who has access – or not – at your company, and where, when and how.
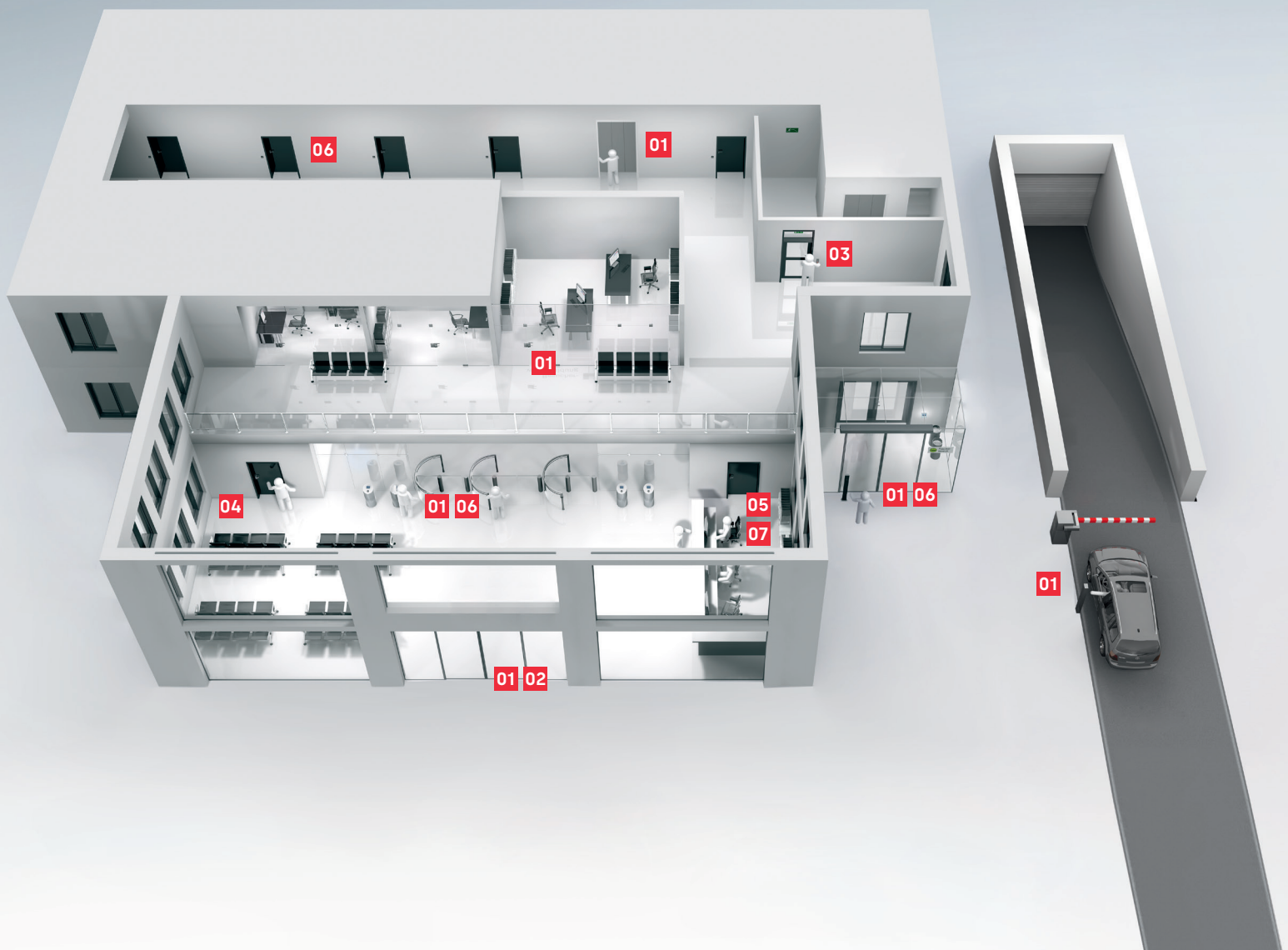
**01**

**Extended access function**

- Timed anti-passback
- Anti-passback room control
- Hard anti-passback

**02**

**Door video surveillance and notification actions**

- Input contacts for control unit and monitoring
- Define the door release pulse length
- Permitted door open time and alarm duration
- Send an e-mail notification

**03**

**Interface to an intruder detection system**

- Arming/disarming to IDS via interface
- Option of blocking access and evolo components when focusing
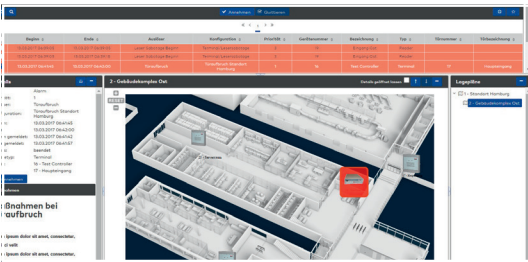
**04**

**Alarm monitor and camera**

- Colour display of alarms
- Graphical representation of alarms in the floor plan
- Logging

**05**

**Visitor management**

- Administration of all visitors
- Pre-registration function for employees (self-service)
- ID card management
- QR code dispatch for access to the visitor's car park
- Connection to signature pad for form signatures

**06**

**Cyclical person import**

- Import whenever there is a new CSV file
- Differential import of employee records
- Activation or deactivation of the revision
- Import access permissions

**07**

**Simple entry recording**

- Easily determine time differences
- Add or correct entries
- Periodic evaluations
- Export function for lists
- Automatically send e-mail

# The simple solution

MATRIX ONE covers the most important requirements of small- and medium-sized enterprises. It can be used directly without extensive adaptations and customisations.

When the hardware is connected and configured, it can be commissioned in the shortest possible time. You can save on costs, time and personnel.

# The secure solution

MATRIX ONE is installed on a PC or server and fully managed by you. This means you always retain control of your access solution. The system also complies with the latest standards for access control. The following requirements can be implemented:

**Online:**
The access points are wired and connected via a network to the access control system or access control terminal (ZKZ). New access permissions are sent to the access points in real time via the network.

**Wireless online:**
The access points are connected to the access control system via radio. Events can be directly transmittedto the system or retrieved by the system. Access permissions can thus be granted or withdrawn within seconds.

**Whitelist**:
The access points are not wired and the access rights are stored in the component. The permissions are loaded into the components on site with a programmer 14 60.
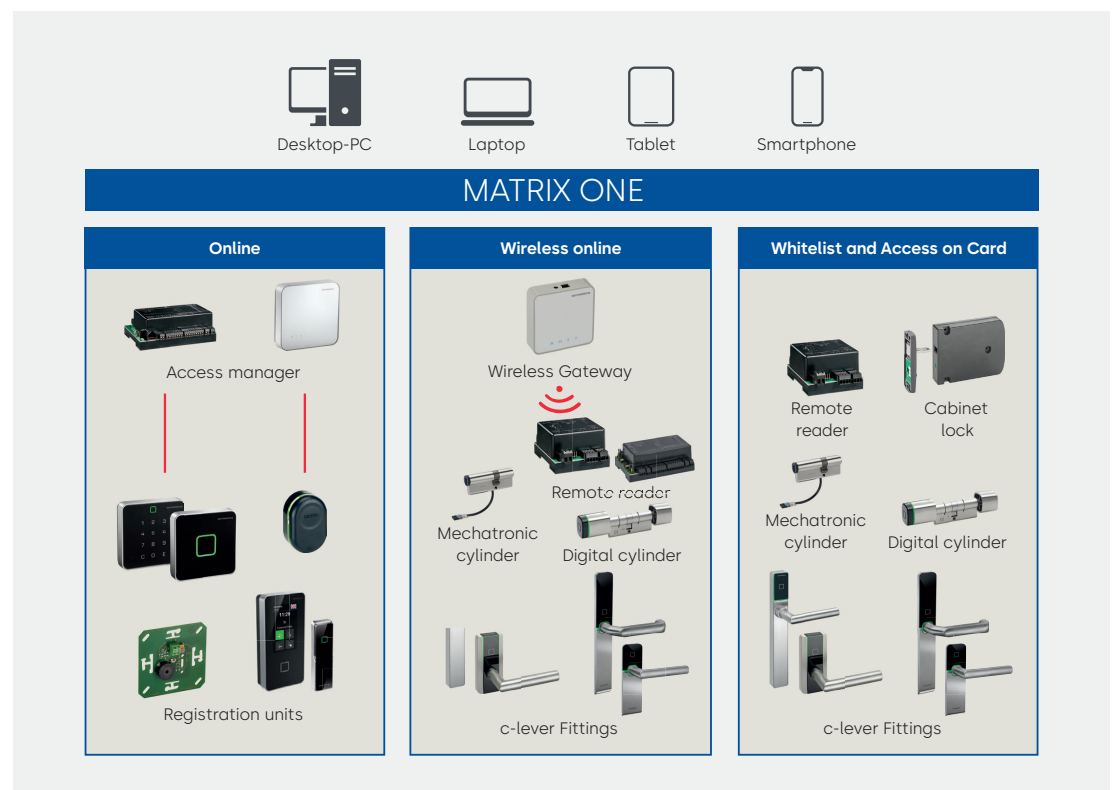
**Access on Card:**
The access points are not wired and the connection between the access system and the door component is established via the RFID card. The access rights are written to central online readers on the RFID card. This means there is no need for a complex, wired infrastructure. The battery state of a component can be transferred to the system via the RFID card.

**Mobile Access:**
The access points can be passed by the smartphone in addition to the usual use of media. Permissions are managed centrally in MATRIX, and the smartphone is used as an access medium.

## System overview



Desktop-PC    Laptop    Tablet    Smartphone

### MATRIX ONE

| Online | Wireless online | Whitelist and Access on Card |
|---|---|---|

Access manager

Registration units

Wireless Gateway

Remote reader

Mechatronic cylinder    Digital cylinder

c-lever Fittings

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. There is no need to install any software on the accessing PCs, tablets and smartphones, and therefore no need to update them later. The system is easy to learn, adapts automatically to the size of the browser window and can thus be used effectively in decentralised organizations – via tablet, smartphone or PC. Once installed on your server, the fully browser-based system is accessible from any computer in your network. All this makes operation, installation and maintenance easier.
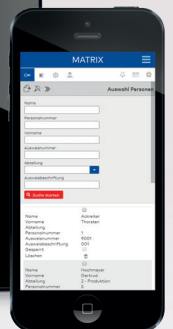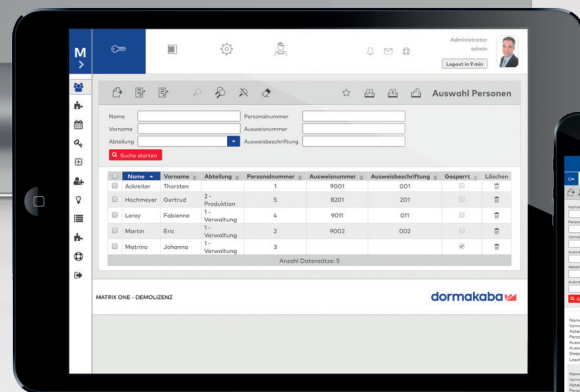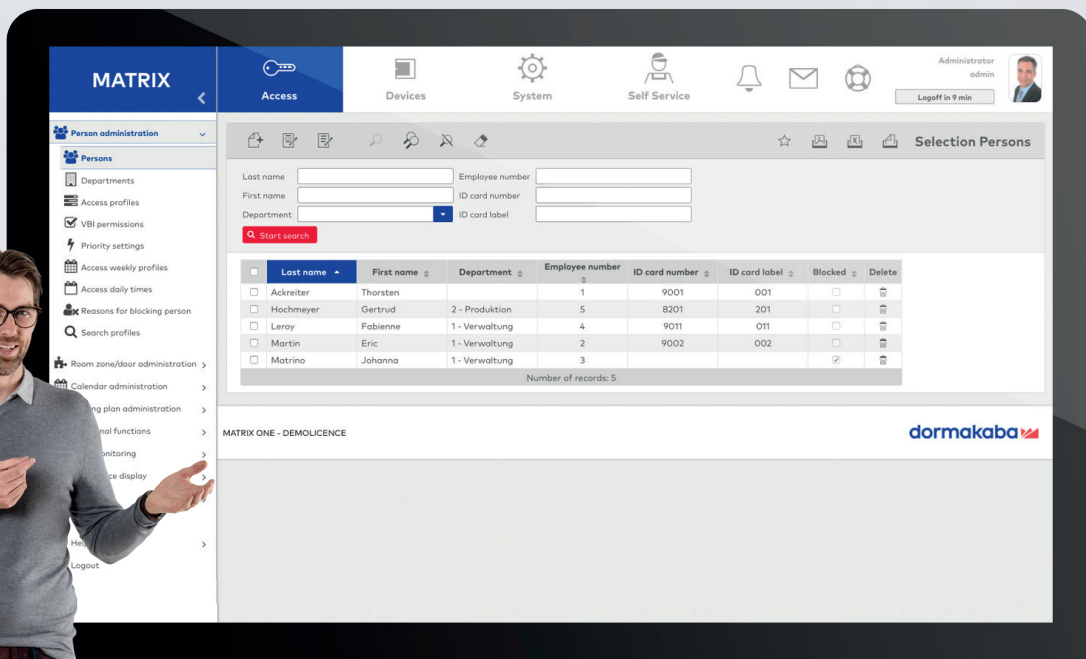
# All the benefits at a glance

**Simple**
- Use of the existing infrastructure
- Quick to install
- Intuitive to operate
- Effective implementation in your company structure
- No specialists and training required

**Reliable**
- Reliable granting and denying of access
- All data stays on your network

**Web-based**
- Operated via browser, whether on a tablet, smartphone or PC on your network
- Automatically adjusts to browser window
- Modern, multilingual browser interface
- Always up to date – no need to update the software on the clients

**Technical data**

The MATRIX software can be installed on any current Windows computer. The H2 or SQL Express database is included in the supplied package. For more details, see the system requirements.

## 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

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