

The DOM logo is a white rectangular box with rounded corners, containing the letters 'DOM' in a bold, sans-serif font. A registered trademark symbol (®) is located to the upper right of the 'M'.

DOM®



Digital locking  
systems





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# Secure and flexible

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## WHY SHOULD YOU DECIDE IN FAVOUR OF A DIGITAL LOCKING SYSTEM?

### SECURE

The most important feature of a digital locking system is security. With our digital terminals, we rely on the well-known mechanical security and quality of our cylinders and fittings. Enhanced by a clever layout and the high quality of the digital components as well as completely encrypted, state-of-the-art communication between locking media, terminals, communication devices and software, our systems make burglars despair. No matter whether you want to secure your family, your assets, your company secrets or your customers' data, our digital locking systems protect your values in all buildings and company facilities. Almost every door and access situation from the parking barrier to the office glass door can be protected and controlled with our various digital cylinders, our digital inside fittings, our digital outside and security fittings, our digital furniture locks and our digital wall readers.

### FLEXIBLE

Yet digital locking systems not only offer very high security, they offer enormous organisational advantages too. If you give your employees keys to your mechanical locking system, they have access to the corresponding rooms day and night every day of the year. Using electronics, we offer you complete freedom and flexibility with our management options. You can use a normal key ring transponder, an ISO cheque card transponder that also serves as a company ID or your smartphone as locking media. In a digital locking system, it is possible to authorise locking media permanently or for a limited period. This means you can grant your employees access rights from Monday to Friday from 6 am to 6 pm but stop them entering the company premises at the weekend or on public holidays, for example.

Do you want to permit a specific employee to enter a further department just for today? No problem – whereas with a mechanical locking system you would have to give your employee a second key that is either spare or has to be taken off another employee, use of a digital locking system means you just have to equip the transponder with further authorisations, a process that is straightforward and is done in no time.

### FUNCTIONAL

Our special cards, our app and software products and the PLCs (programmable logic controls) offer you unprecedented functionality for your digital locking system. All products are designed to be as simple and intuitive as possible. For example, the locking plan editor makes it easy to display all areas, doors and locking media at a glance and access rights can be added or modified with a simple click. Many additional functions associated with access control allow you to manage your system in a way that is tailored to your specific needs. Our management products offer you numerous options from the 'permanently open' function to allow your visitors permanent transponder-less access to the main entrance with reception area to the 4-eyes principle which only permits a room to be entered by two people. Our PLCs make your digital locking system unique and as individual as you need. Other digital devices or systems can be functionally linked to your digital locking system with the aid of a PLC. Your alarm system/burglar alarm can be armed, for example, and the digital cylinders block the outer doors until the alarm system/burglar alarm has been switched off again. Do you want to record odd events on video? No problem – just have your video system activated whenever an unauthorised locking medium: tries to access your system.



# Secure and flexible

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## COST-EFFICIENT

Your child or an employee loses a key or has it stolen? With a mechanical locking system you have to collect all the other keys and have the cylinder or even a complete component of your mechanical locking system replaced in order to still guarantee system security. This may be extremely expensive, depending on the circumstances. With a digital locking system, you can simply block the lost or stolen locking medium and create a new transponder for your child or employee. No terminals need replacement, not to mention system components.

## FUTURE-PROOF

Are you uncertain what your company will look like in 5 years time? Perhaps you are going to expand and are wondering whether the mechanical locking system you have chosen will still match your needs? With mechanical systems, expansion generally needs to be considered right from the start. An adequate number of suitable codings must be reserved for further cylinders and keys during initial planning. But how are you supposed to know how big the company will really be in 5 years time? Is the planned expansion going to be big enough? With digital locking systems from DOM you can always create further areas in no time, install new terminals and add and authorise locking media without having to integrate these in the initial planning.



# Integrated access control concepts with individual possibilities



**1**  
Locking media /  
transponders  
(e.g. for access media for employees / visitors)



**2**  
AccessManager  
digital wall reader  
(e.g. for controlling automatic doors,  
parking barriers, burglar alarm systems)



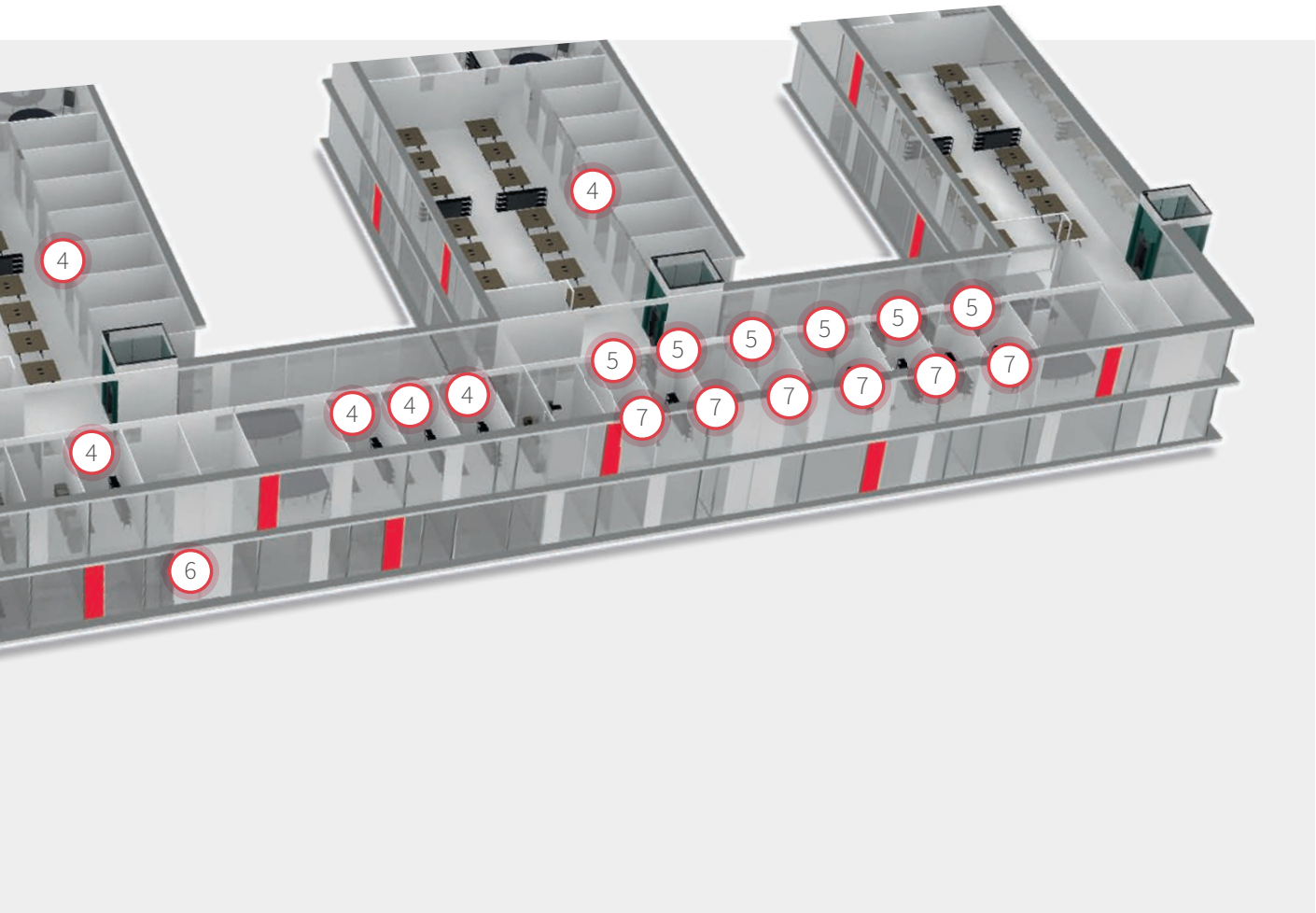
**3**  
AccessManager Terminal  
& ITT  
Digital wall reader terminals  
(e.g. for extensions of validity to daily  
authorisations)



**6**  
Guardian S  
Digital security door fitting reader  
(e.g. for exterior doors)



**7**  
Mechanical locking systems  
(e.g. mechanical locking cylinders)



4



### Pro digital knob cylinder

(e.g. for access to security-related areas)

5



### Guard digital door fitting reader

(e.g. for organisation of office access)

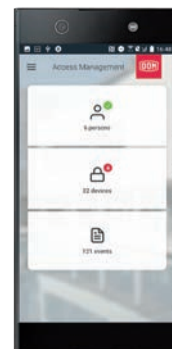
8



### Software

(management software for digital locking systems)

9



### App

# Technology

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## DOM SICHERHEITSTECHNIK OFFERS CUSTOMISED SOLUTIONS FOR ALL INDUSTRIES

Public buildings, residential buildings, schools, hospitals, sports facilities, hotels, industrial and administration buildings, museums and airports – all properties need customised security solutions that have to meet maximum protection requirements. In addition, flexibility and ease of use are key features to ensure their long-term economic viability. The solution is digital locking systems from DOM Sicherheitstechnik.

### TECHNOLOGY

The digital DOM products are principally based on RFID technology (radio-frequency identification).

With RFID technology, data transmission takes place inductively between two coils, where one coil is located in a transponder and the other in an access control device (e.g. a digital locking cylinder). The main advantage of this technology is that one of the two communication partners does not need its own power supply, making these so-called passive transponders cost-efficient and, above all, sturdy and maintenance-free, since no battery replacement is necessary.

Our systems are based on the frequency 13.56 MHz and “Mifare” contactless chip card technology.

### FUNCTIONALITY, ORGANISATION AND SECURITY

Our systems offer a high degree of functionality and security. DOM offers you a wide variety of management products for optimum control of your system. Our portfolio goes far beyond standard functions in the access sector and offers developments in functionality such as the use of smartphones via NFC and BLE.

In terms of security, it depends on a wide range of different components. DOM offers different transponder technologies ranging from high organisational potential and low security level to high organisational potential and high security level. With the Desfire EV2, Mifare is currently providing the highest transponder security standard on the market. DOM also provides you with double protection.

In addition to the security standards in the transponders, DOM has developed a particularly secure encryption technology (end-to-end encryption – E2EE) for its systems. The encryption secures all communication points between the components. We thus offer an integrated encrypted system. However, DOM not only makes high digital protection available, it develops hardware devices – tested in accordance with the most stringent mechanical security requirements – which are based on the experience and some identical components in our known mechanical locking systems.



# Multi-functionality

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## MULTI-APPLICATIONS ON A SINGLE TRANSPONDER

With the Mifare Desfire EV2, for example, several applications can be controlled simultaneously. Not only can you use your transponder to open your doors, you can also switch your alarm system on and off, enable your employees to call up their print jobs accurately at a printer or simply let your employees pay cashlessly with their transponder in the canteen.

## COMPATIBILITY

If your other RFID applications should not be compatible with the RFID technology used in your DOM access systems, no problem. Using combined transponders, you can accommodate two different transponder coils in a single transponder housing. This allows your Mifare locking system and a 125 kHz burglar alarm system to be operated with the same locking media, for example.

Note: for technical reasons, combined transponders with coils of the same frequency are only possible in a very few cases. Your specialist retailer will be happy to advise you on possible combinations.

You already have a mechanical locking system from DOM and would like to start with a digital locking system only on the exterior doors of the building, for example? – With the clip tag from DOM you can combine a mechanical DOM key with a digital transponder in one locking medium.

Our combined transponders and the clip tag give you almost unlimited freedom in linking your system with other systems.

# Management and product overview

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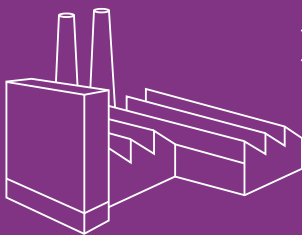
## » Home

ENiQ EasyFlex  
ENiQ app  
Tapkey app



## » Small & medium business

ENiQ app  
Tapkey app  
EasyKey



## » Enterprise

ENiQ AccessManagement software

	Home			
Type:	On premise	On premise	On premise	Cloud
Authorisation carrier:	Data-on-device	Data-on-device	Data-on-card	Data-on-card
Operating mode:	Offline	Offline	-	-
Management product:	<b>ENiQ EasyFlex card programming</b>	<b>ENiQ app</b>	<b>ENiQ app</b>	<b>Tapkey app</b>
Access control devices				
Digital cylinders				
Pro	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Digital fittings				
Guard	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Guardian S	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Digital furniture locks				
LoQ	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Wall reader				
AccessManager	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Module reader	<b>X</b>	<b>X</b>	<b>X</b>	

	Small & medium business			
Type:	On premise	On premise	Cloud	Local
Authorisation carrier:	Data-on-device	Data-on-card	Data-on-card	Data-on-device
Operating mode:	Offline	-	-	Offline
Management product:	<b>ENiQ app</b>	<b>ENiQ app</b>	<b>Tapkey app</b>	<b>EasyKey PIN code</b>
Access control devices				
Digital cylinders				
Pro	<b>X</b>	<b>X</b>	<b>X</b>	
Digital fittings				
Guard	<b>X</b>	<b>X</b>	<b>X</b>	
Guardian S	<b>X</b>	<b>X</b>	<b>X</b>	
EasyKey (stand-alone)				<b>X</b>
Digital furniture locks				
LoQ	<b>X</b>	<b>X</b>	<b>X</b>	
Wall reader				
AccessManager	<b>X</b>	<b>X</b>	<b>X</b>	
Module reader	<b>X</b>	<b>X</b>		



Type:  
 Authorisation carrier:  
 Operating mode:  
 Management product:

	Enterprise		
	On premise Data-on-device Offline <b>ENiQ Access Management Software</b>	On premise Data-on-device Online <b>ENiQ Access Management Software</b>	On premise Data-on-card - <b>ENiQ Access Management Software</b>
Access control devices			
Digital cylinders			
Pro	<b>X</b>	<b>X</b>	<b>X</b>
Digital fittings			
Guard	<b>X</b>	<b>X</b>	<b>X</b>
Guardian S	<b>X</b>	<b>X</b>	<b>X</b>
Digital furniture locks			
LoQ	<b>X</b>	<b>X</b>	<b>X</b>
Wall reader			
AccessManager	<b>X</b>	<b>X</b>	<b>X</b>
Module reader	<b>X</b>	<b>X</b>	<b>X</b>
Terminals			
AccessManager Terminal			<b>X</b>
Module Reader Terminal			<b>X</b>
AccessManager ITT			<b>X</b>
Communication modules			
RF NetManager		<b>X</b>	

# Programming

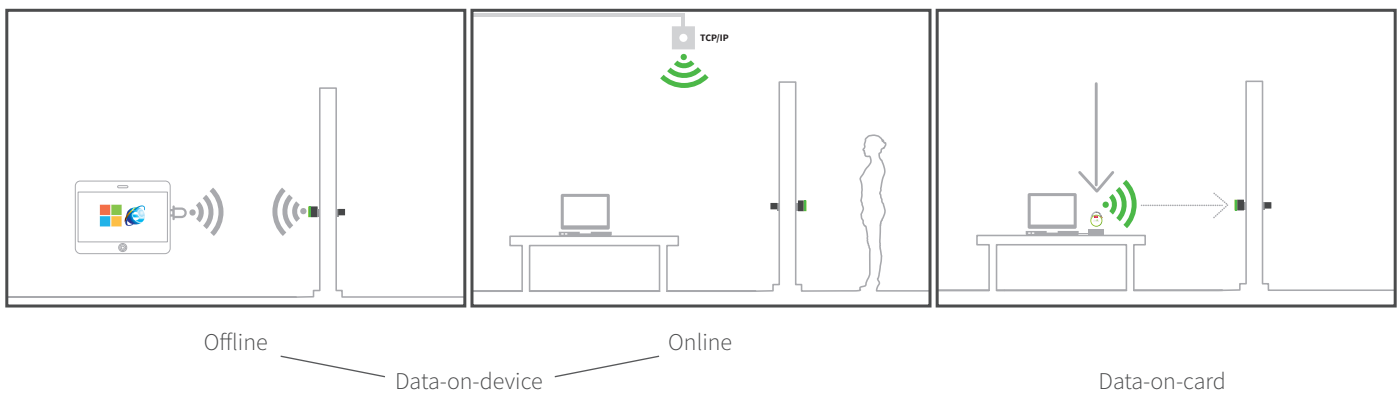
## ONE MANAGING SYSTEM FOR ALL YOUR ACCESS POINTS

Assigning and changing access authorisations, creating user groups, viewing events – it's all easy thanks to the efficient management products for your digital products from DOM.

## YOUR BUILDING “UNDER CONTROL” IN THREE VERSIONS

Using card programming, the apps or software that you can operate conveniently using your PC/laptop, you can manage all of your devices in the doors of your building. Yet how can your digital access control devices be controlled with the various management products? We make a distinction between two data carriers and three operating modes.

### A model of diversity



# Controlling access



## DATA-ON-DEVICE:

### OFFLINE

Our devices are programmed in an offline system using special cards (such as the programming card), a software solution with a laptop and USB wireless stick or a smartphone equipped with an app.

### ONLINE ACCESS CONTROL

Our devices are programmed in an online system by means of communication modules with an Ethernet connection to the server by radio signal.

## DATA-ON-CARD:

In a data-on-card system, the transponders store your own authorisation data in the memory. The terminals in the doors read the authorisations on the transponders and then release the door if the transponders are authorised. Blocked transponders are managed in a blacklist and are transmitted to the terminals via the other transponders, which then block these transponders. Data-on-card systems can be combined with both offline and online systems.

# Data-on-device / data-on-card operating modes

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Our operating modes present different possibilities for managing your user rights and operating your DOM products.

The user authorisations are either in the terminal (data-on-device) or on the locking media (data-on-card). Management of user authorisations can take place through programming cards, app or software. There is a choice of the following operating modes for your digital locking systems from DOM:

## DATA-ON-DEVICE

### OFFLINE

With the offline operating modes the terminals are programmed from a close proximity (0.5 cm – 3 m). In other words, the programmer moves from one terminal to the next with the programming medium. The term terminal programming is used to mean the following actions:

- Initial creation of the master card (highest-level administration card and proof of ownership in the system) and/or with an app/software terminal. This assigns the terminal to the system.
- Creation (authorisation) and deletion of locking media
- Assignment of authorisations with time restrictions and programming into the devices
- Readout of events at the terminal
- etc.

User authorisations are in the terminal.

### CARD PROGRAMMING OPERATING MODE – OFFLINE:

You have two different cards available for card programming. The master card, which is the card with the highest level of authorisation in the hierarchy of your complete system, is principally used to assign the terminals to your system. After

assignment, your terminals will only work in your system. Up to 5 programming cards can then be authorised at the terminals using the master card.

#### The master card:

It is principally used to assign the terminals to your system. It can be used to create up to 5 programming cards on the terminals and to assign the software to the system. With the master card, you can also authorise or delete locking media on the terminals. Yet since the master card is also the only card which can be used to remove terminals from your system again and delete all user data (incl. programming cards), you should store this in a safe place e.g. a safe as soon as possible after use.

#### The programming card:

You can now use the programming card to permanently authorise or delete locking media such as transponders and cheque card transponders at the terminals. Should a locking medium be lost, you can delete all authorised locking media. Then the ones to be reused can be authorised again.

The mode of operation offline card programming works with all standard ENiQ® (Mifare 13.56 MHz) products from DOM.

### YOUR ADVANTAGES

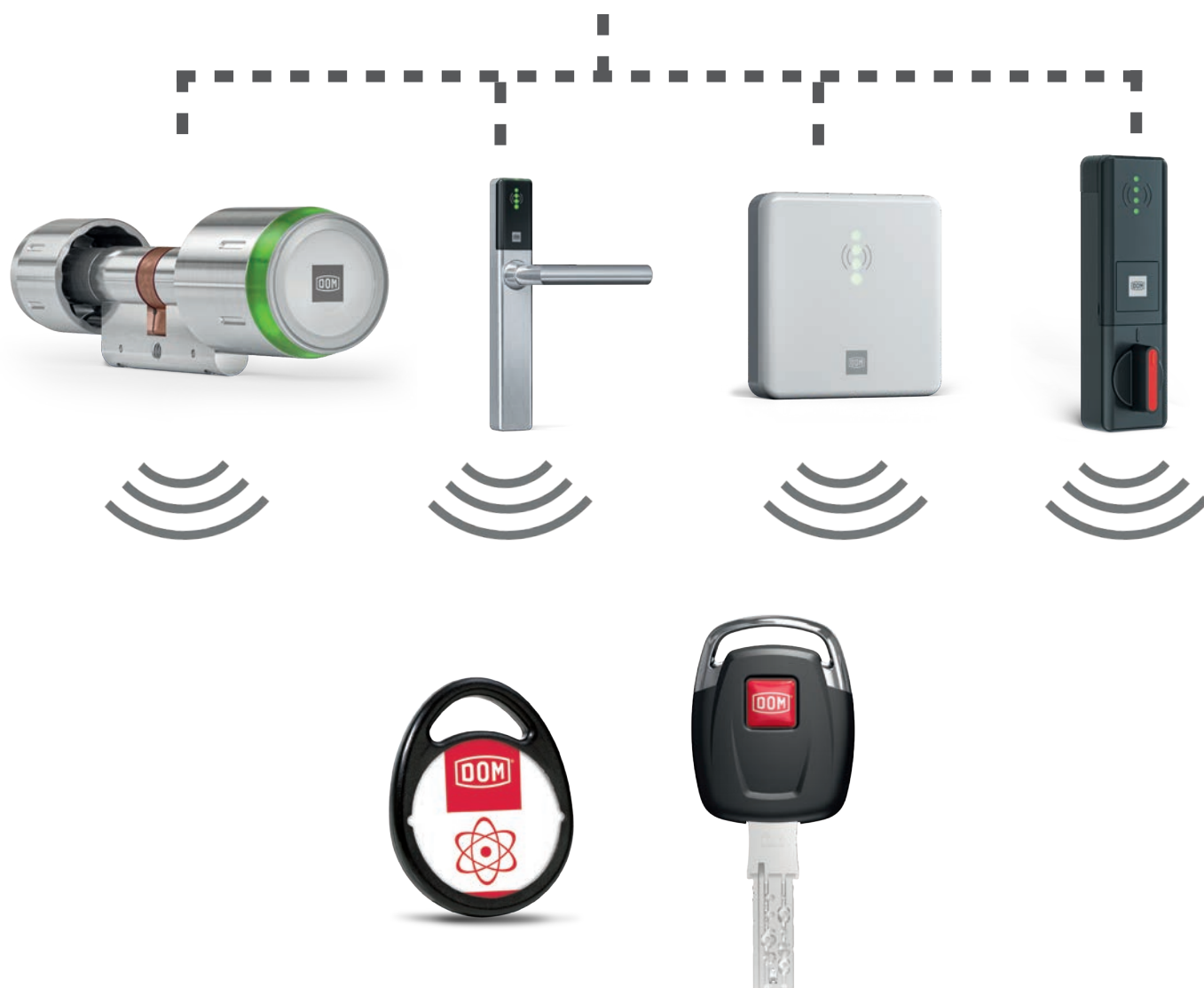
- High security
- Simple installation
- Cost-efficient purchase of locking media (if lost)
- If a “key” is lost, the locking system does not have to be replaced, the corresponding terminals simply have to be reset.
- No software or programming devices required

### YOU NEED

- Master card/programming card
- Locking medium
- ENiQ® access control device



# Card programming



# Card programming - offline with ENiQ® EasyFlex

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This mode of operation extends offline card programming. In the EasyFlex system, however, every locking medium has a counterpart, the transponder management card. With the aid of the master/programming card and the transponder management card, a transponder can be created and deleted individually even if it is not physically present. This means that if one transponder gets lost, not all the transponders created at a terminal need to be deleted and newly created as described in the above mode of operation. In addition, a transponder manage-

ment card can be used to check the authorisation status of the transponder at the terminal (authorised “green flashing” or not authorised “red flashing”). It is not possible to open the device with the transponder management card.

The EasyFlex system is only available for the ENiQ® world (Mifare 13.56 MHz) and can be used in connection with the terminals ENiQ® Pro V2, ENiQ® Guard, ENiQ® Guardian S and ENiQ® Access-Manager V2.

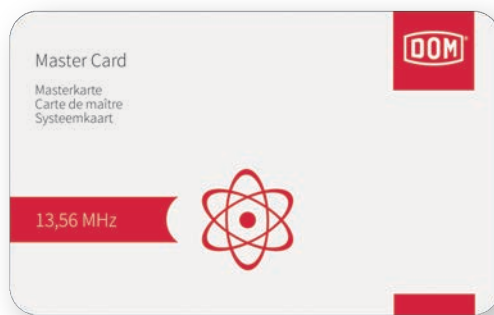
## YOUR ADVANTAGES

- High security
- Simple installation
- Can be expanded at any time with additional ENiQ® EasyFlex transponders
- If a transponder is lost, it is deleted (no longer authorised) at the cylinder using the respective transponder management card
- No programming devices or software required. However, conversion to software at a later date is possible
- No need to reset the corresponding terminals (delete all transponders)
- Authorisation/deletion of transponders without physical presence of the transponder

## YOU NEED

- ENiQ® EasyFlex - box/booklet (transponder & transponder management card set)
- Master card
- ENiQ® access control device

# Card programming - offline with ENiQ® EasyFlex





# ENiQ<sup>®</sup> app

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With the ENiQ app you can manage your digital DOM locking cylinders, fittings, wall readers, furniture locks and personnel on your smartphone simply and intuitively. You can manage your complete system locally without a Cloud system on your admin smartphone with the familiar optimum security level of DOM products. In a matter of moments you can allocate access authorisations with individual time restrictions to personnel

and assign a transponder to them via the NFC interface. You can equip your DOM access control devices with the latest access authorisations just as quickly using NFC (near-field communication) or BLE. With the option of upgrading from ENiQ EasyFlex to the ENiQ app and the ENiQ Access Management software, you are future-proof for the growth of your property.

## YOUR ADVANTAGES AND WHAT YOU NEED

- Intuitive handling and user guidance
- Simple overview of all system components
- VdS \*\* certification according to VdS-3169-1:2016-02 guideline
- Back-up function
- Simple conversion of your ENiQ EasyFlex system to management with the ENiQ app
- Android app

## YOU NEED

- Android smartphone  $\geq$  5.0 with NFC function and/or Bluetooth Low Energy
- ENiQ<sup>®</sup> master card
- Locking media
- ENiQ<sup>®</sup> access control device
- ENiQ<sup>®</sup> app (available in Google Play store)

# ENiQ<sup>®</sup> app



# Software programming

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With this mode of operation you use software for the efficient management of your digital locking system. You can use it to limit personal authorisation periods, for example.

Personal locking media carry a Unique Identification Number (UID) and possibly other individual data, which are unique and differ from one locking medium to another. Every transponder in your system can be identified on the basis of this number. Personal authorisations are saved in the access control devices. When the locking medium is presented, these are then compared with the UID and the data of the locking medium concerned by the access control devices. With the help of, e.g., a laptop running the software and a USB wireless stick, each access control device is then programmed from a maximum distance of up to 10 metres and is transmitted, e.g., the new authorisations of the

locking media. The locking media themselves are read into the software by means of a transponder desk reader and can then be initially managed.

The software database does not have to be on the computer used to manage and program the system. In the operating mode offline software programming you can also use a client-server solution.

The offline software programming operating mode with all standard ENiQ® (Mifare 13.56 MHz) products from DOM.

## YOUR ADVANTAGES

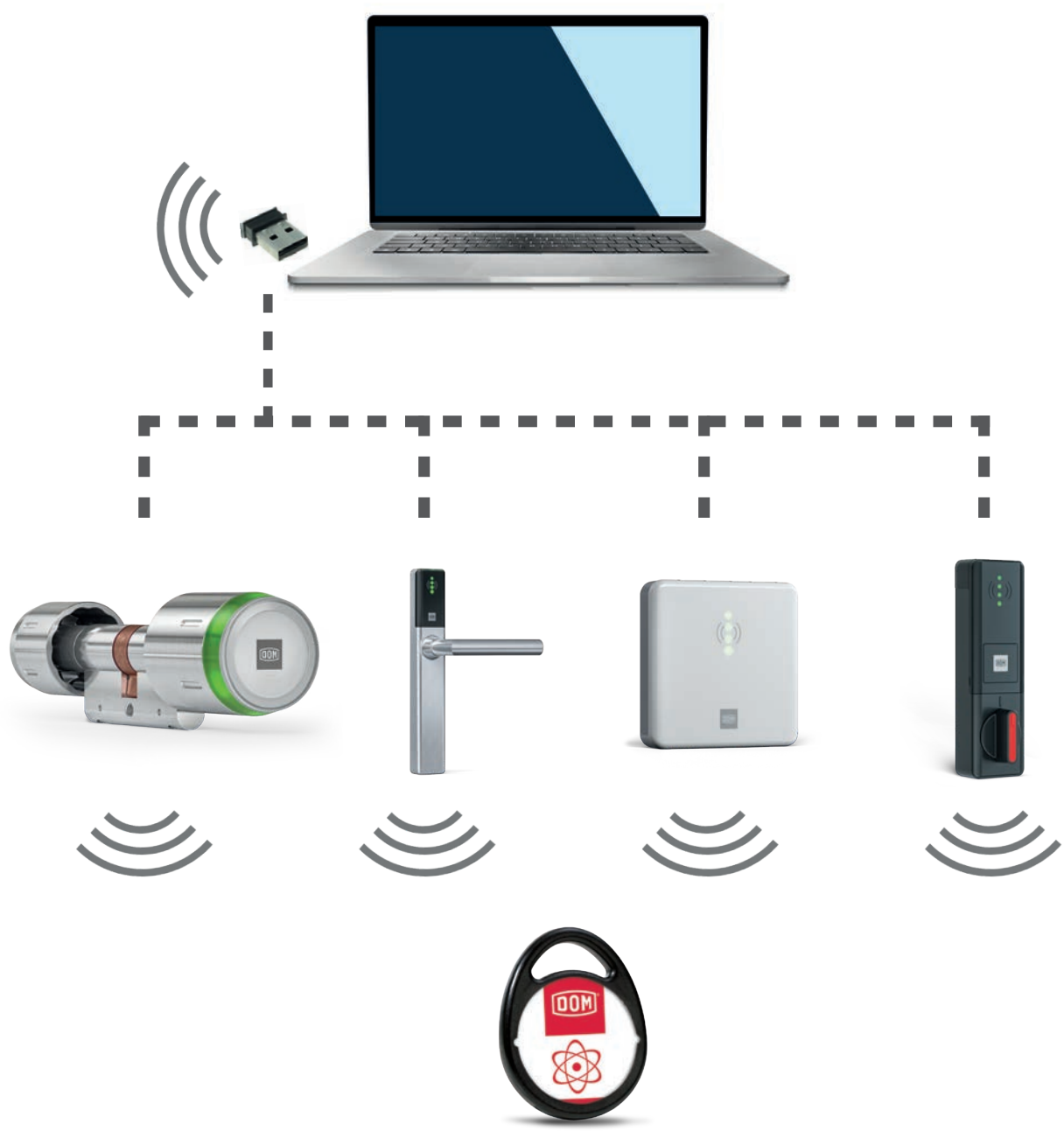
- Individual assignment of authorisations
- Simple overview of all authorisations by locking medium, locking medium group, area and room in the locking plan editor
- Time-restricted authorisations
- Traceability of access events
- Not necessary to replace the locking system if a transponder gets lost
- Compatibility with other systems (accounting systems, etc.) through, e.g., the use of Mifare Desfire locking media, combined transponders or the use of the Web API of the software for connection with other software products

## YOU NEED

- Commercial laptop or netbook (note supported operating systems)
- Locking media
- ENiQ® access control device
- ENiQ AccessManagement software
- Desktop reader
- ENiQ® USB wireless stick with wake-up card
- Master card

# Software programming

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# Software programming

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With the online mode of operation the access control devices are programmed with the aid of communication devices via a network connection. In other words, the programmer does not move from one access control unit to the next like with the offline modes of operation, rather the devices are programmed via the network connection and communication devices connected to the network.

## ONLINE SOFTWARE PROGRAMMING OPERATING MODE:

As with offline software programming, the use of a software offers many additional functions for more efficient system use that is tailored individually to you. Now, however, you can program the terminals conveniently without leaving your office.

Our digital cylinders and fittings are programmed with the aid of an RF NetManager (communication module). The RF NetManager is connected to your software and database via the Ethernet and transmits the received data by radio (Bluetooth Low Energy 2.4 GHz) to the access control devices. Our wall readers are connected directly with the Ethernet and thus with the software. The changes you make to the software, to authorisations for example, are then transmitted extremely quickly to the access control devices. In addition, the access control devices transmit any events which have happened, e. presentation of a transponder, to the software with time and date. The locking media themselves are initially read into the software via a desktop reader. The online software programming operating mode works with all standard ENiQ® (Mifare 13.56 MHz) products from DOM.

### YOUR ADVANTAGES

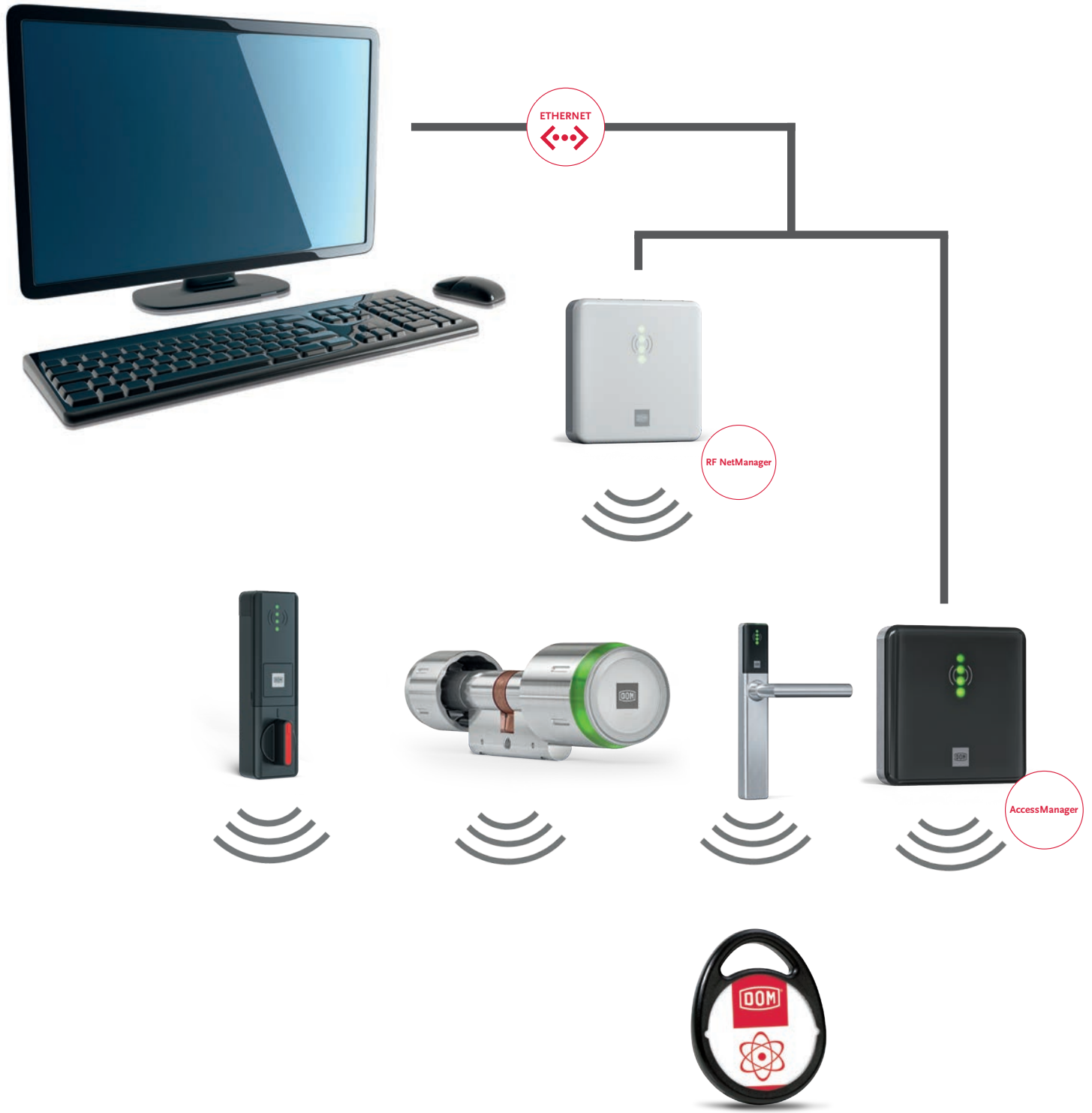
- Rapid implementation of changes in the authorisation structure (e.g. withdrawing authorisations for a stolen transponder)
- Use of standard, globally uniform network technologies (Ethernet)
- Weekly plans for time-restricted authorisations
- All access events are automatically transmitted online to the software
- Events such as alarm messages can be forwarded directly to other systems (burglar alarms, CCTV etc.)
- Mixed operation with offline or data-on-card areas possible
- Not necessary to replace the locking system if a transponder gets lost
- Client-server solutions are possible

### YOU NEED

- Standard laptop or netbook, a server if necessary (note supported operating systems)
- Ethernet network (TCP/IP)
- Locking media
- ENiQ® access control device
- ENiQ® RF NetManager
- ENiQ® AccessManagement software
- Online licence, client-server licence if necessary
- Desktop reader
- RF online card
- Master card



# Software programming



# DOM Tapkey

## Easy Mobile Access

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With the innovative DOM Tapkey hardware products and the Tapkey app, you can control a system and open access control devices via your smartphone. Our DOM Tapkey Easy Mobile Access System is based on NFC and BLE technology and a data-on-card operating mode. In the Tapkey app, you can create a transponder or a smartphone as locking medium. With your admin account and a compatible NFC-compatible smartphone, you can read in locking media and program them after signing authorisations. The locking media is simply presented at the NFC interface on the back of the smartphone. To use a smartphone as a locking medium, the Tapkey app uses your maximum security Google ID or Apple ID for identification. The admin can simply authorise the Google ID / Apple ID of the person to be authorised to the access control device selected in the app. Now all the authorised person needs is an NFC or BLE-capable smartphone and the Tapkey app with the registered Google ID / Apple ID. The authorisation is then transmitted to the smartphone via the Internet in an encrypted form and only works with the Google ID / Apple ID registered on the smartphone. The authorisations can be restricted with regard to start

and expiry with date and time. Recurring intervals / weekday-dependent authorisations are also possible. All the authorisations are listed in the locking media and are read out by the access control devices, and the negative (withdrawn) authorisations are saved there in the form of a blacklist. To simplify the assignment of authorisations, access control devices can also be combined in “lock groups”. The locking medium is then simply authorised for the “lock group” and automatically receives authorisations for all devices belonging to the “lock group”. Smartphone authorisations also work offline without network connection. In this case, however, they only have a certain validity and the smartphone requires an internet connection again after a certain time, otherwise the authorisations become invalid. If you would like to cancel a specific authorisation and ensure that the authorisation is invalid immediately even if the smartphone is offline, you can transfer the cancellation of authorisation directly to the access control device using any smartphone authorised at the device.

The Easy Mobile Access data-on-card operating mode works with all DOM Tapkey products.

### YOUR ADVANTAGES

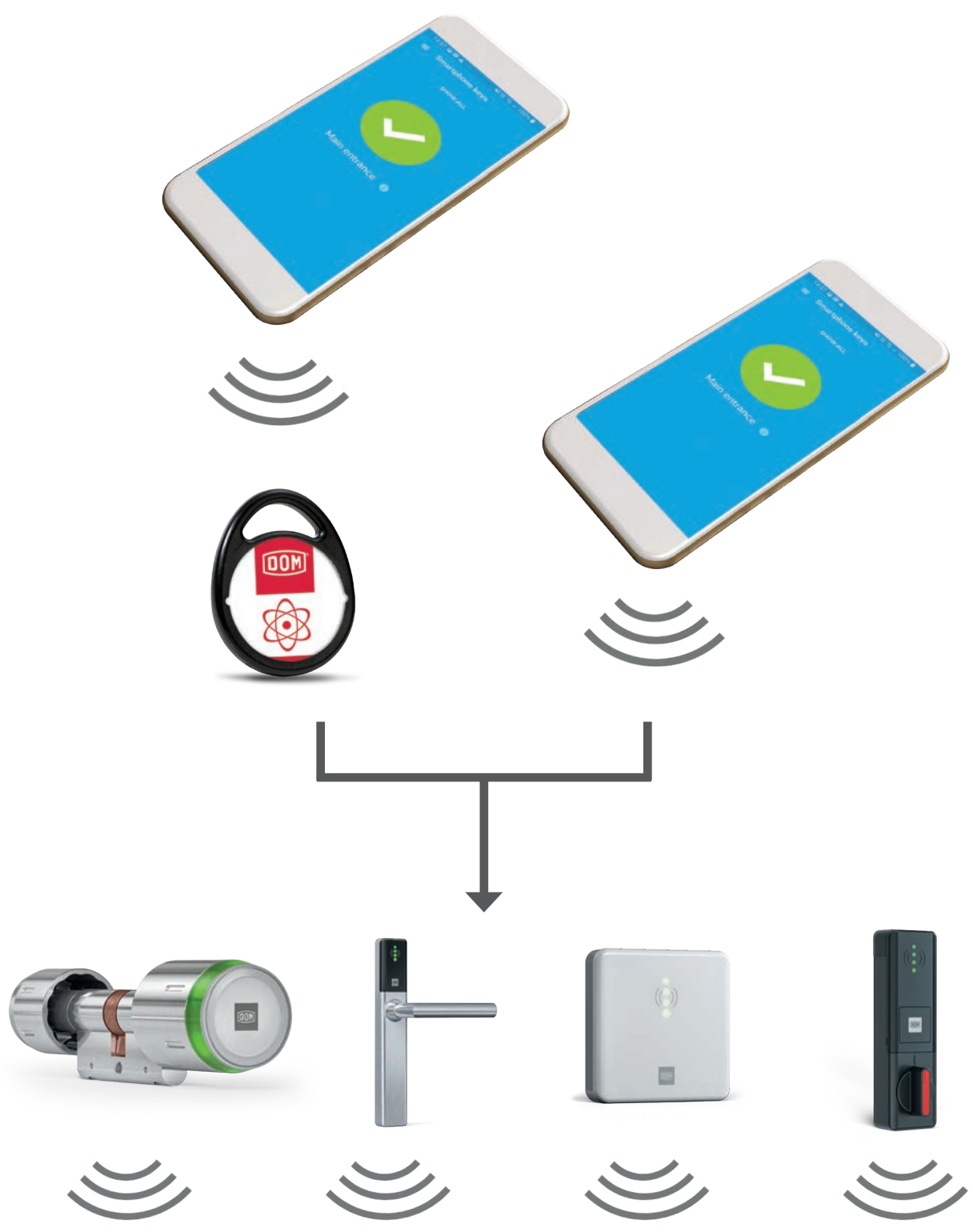
- Virtual, personal keyring for all your digital keys
- Simple and secure download
- Use of the highly secure Google ID or Apple ID
- Mobile access authorisations lose their validity after a defined time without update
- High security for your online data with the use of the most modern servers in the EU
- Display of events on the terminal (max. 1 year)
- If your smartphone is damaged or stolen, simply deactivate the smartphone for your ID via Google or your Apple account
- Transponder writing with a compatible NFC-compatible smartphone (iOS or Android)

### YOU NEED

- Smartphone Android or iOS (note compatibility list)
- DOM Tapkey locking media as necessary
- Tapkey app (available in Google Play store or in Apple app store)
- DOM Tapkey access control device

# DOM Tapkey Easy Mobile Access

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# ENiQ<sup>®</sup> app

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With the ENiQ app, you can also manage your system, your digital DOM locking cylinders, fittings, wall readers, furniture locks and personnel on your smartphone in data-on-card mode. You can manage your complete system locally without a Cloud system on your admin smartphone with the familiar optimum security level of DOM products. In a matter of moments you can allocate access authorisations with individual time restrictions to personnel, assign a transponder to them via the NFC interface and program the latest authorisations directly into the memory.

This means that you no longer have to run to your access control devices and program them if the authorisation data is new or has changed. You can equip your DOM access control devices with the latest firmware or read out the latest access events just as quickly via NFC or BLE.

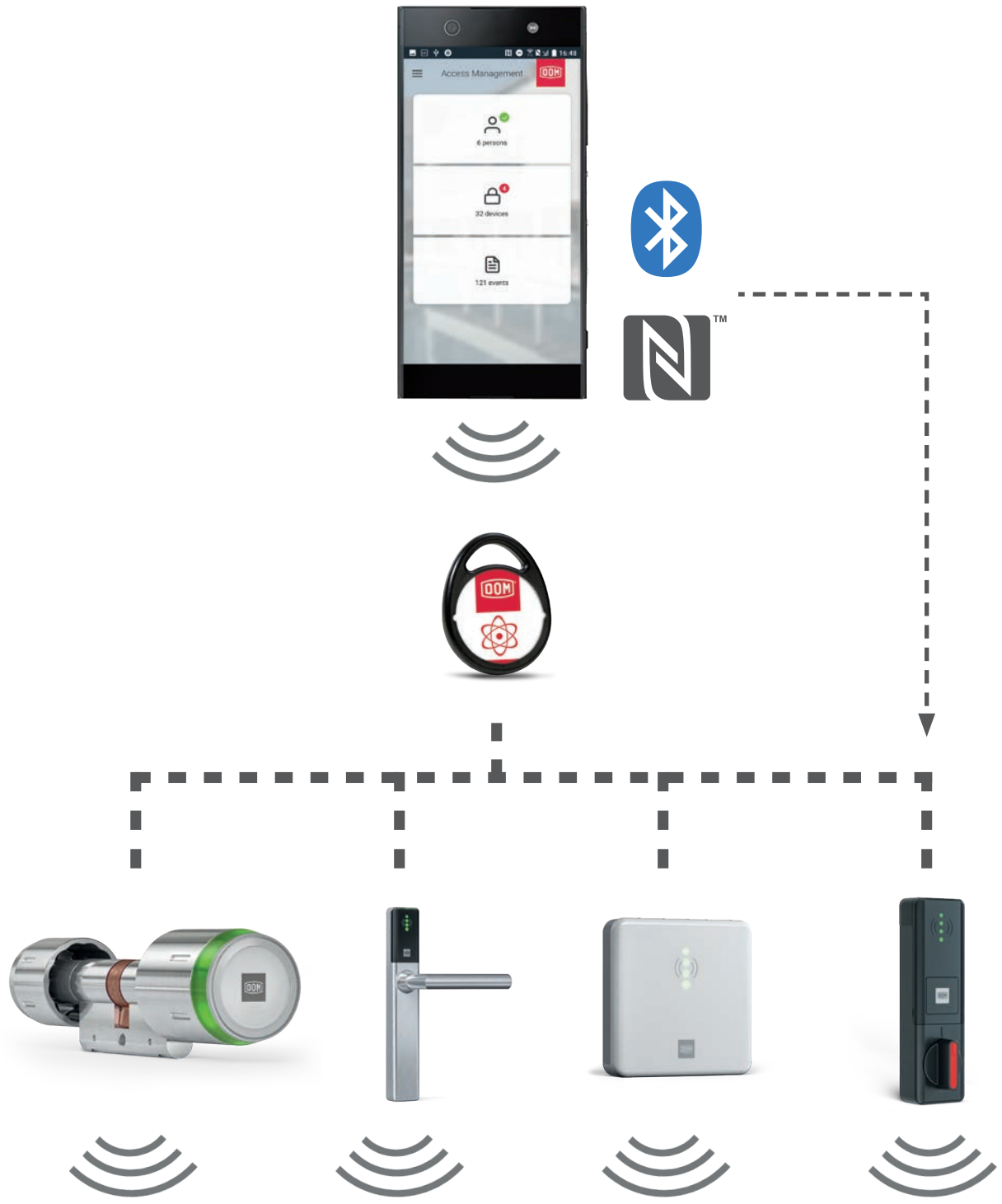
## YOUR ADVANTAGES AND WHAT YOU NEED

- Intuitive handling and user guidance
- Simple overview of all system components
- VdS \*\* certification according to VdS-3169-1:2016-02 guideline
- Back-up function
- Simple conversion of your ENiQ EasyFlex system to management with the ENiQ app
- Android app

## YOU NEED

- Android smartphone  $\geq$  5.0 with NFC function and/or Bluetooth Low Energy
- ENiQ<sup>®</sup> master card
- Locking media (note memory size)
- ENiQ<sup>®</sup> access control device
- ENiQ<sup>®</sup> app (available in Google Play store)

# ENiQ<sup>®</sup> app





# Software programming

The data-on-card operating mode is the special case among our operating modes. The special thing about it is that the authorisations are not saved in the access control devices but rather on the locking media. This not only allows for convenient central management, but also a high level of security through functions such as the restriction of authorisation validity, the refreshing and retrieval of changed authorisations by users at terminals.

## DATA-ON-CARD SOFTWARE PROGRAMMING OPERATING MODE:

The locking media are read into the software via a desktop reader. There, the administrator can define the first authorisations for areas and according to times, and save these to the locking medium. Locking media groups can also be formed. This is very convenient if you want to create a large number of locking media with the same or similar authorisations, e.g. if employees in one department are supposed to have the same authorisations. The locking media can simply be assigned to the same locking media group of the department and automatically adopt the authorisations of their respective locking media group. Extensions of validity of authorisations can also be defined in the software. After validity has expired, the transponder can no longer be used for opening until validity has been extended. The employee collects the validity extension once a day at an

AccessManager Terminal, for example. If changes in authorisation are required, an AccessManager or ITT can be used. In addition to extensions of validity, the AccessManager ITT can also write authorisation changes to the locking media. For example, an employee can retrieve new authorisations at a centrally located ITT without having to travel to the personnel department. The data-on-card software programming mode can also be combined with the offline and online software programming modes, for example. In such a system, all accesses to a building are programmed offline or online. The indoor areas are operated with data-on-card. The advantage of this is that if a locking medium is lost, for example, only all the access control devices of the outer shell (accesses to the building from the outside) need to be reprogrammed. The thief or finder can now no longer enter the building. Unauthorised locking media for the data-on-card area are placed on a blacklist which is written onto all locking media of the area concerned when the extension of validity is loaded. In turn, the locking media bring the blacklist to all access control devices so that the blocked transponders no longer work in the data-on-card areas either. The data-on-card software programming operating mode works with all current ENiQ® (Mifare 13.56 MHz) products from DOM as well as the products intended for this operating mode, AccessManager Terminal and AccessManager ITT.

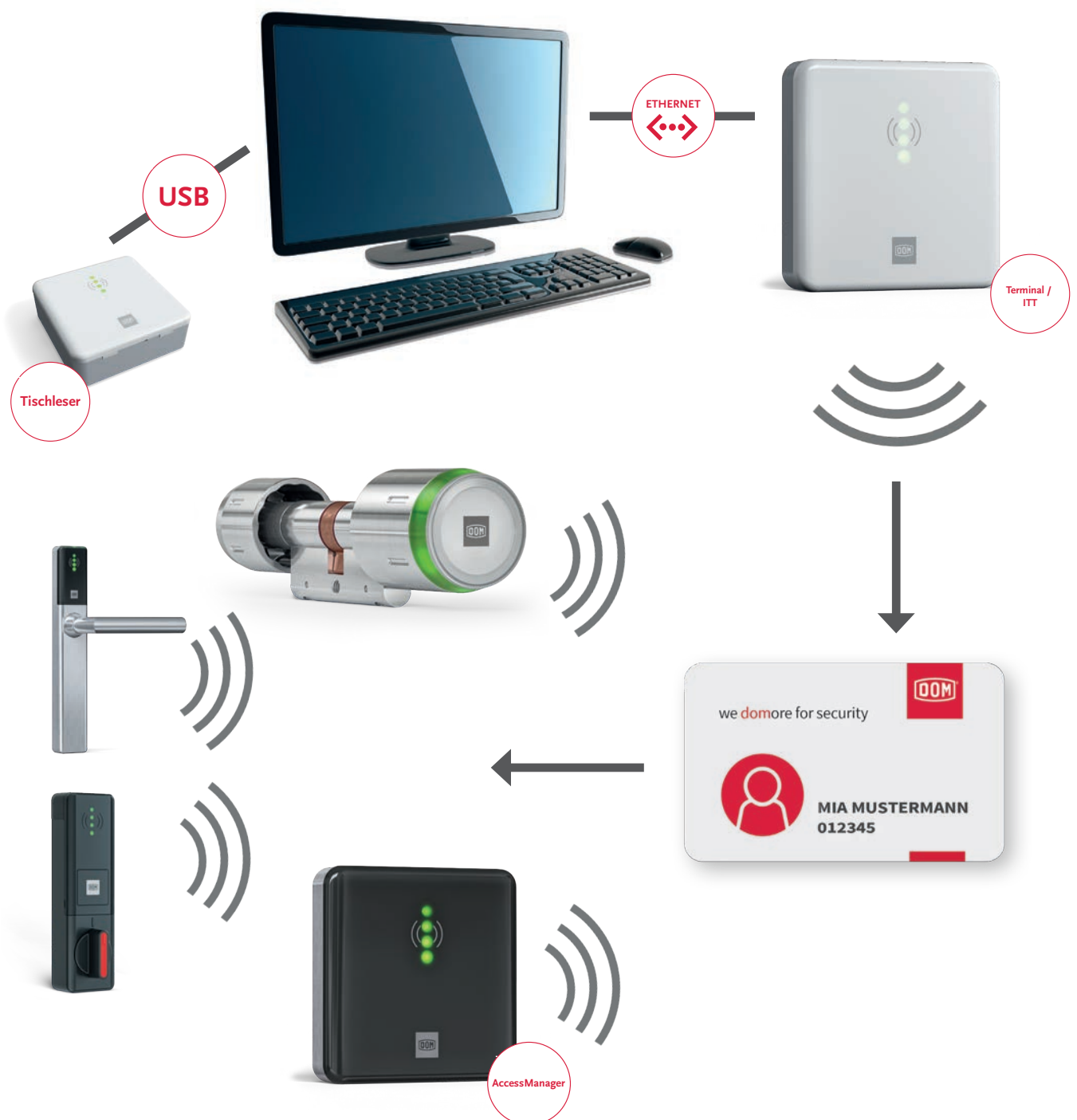
### YOUR ADVANTAGES

- Central management – it is no longer necessary to pass by all the doors
- Fast implementation of changes in authorisations
- Hardly any investment in additional cabling necessary
- Blacklist for lost locking media increases security
- Client-server solutions possible
- High security by restricting the validity of authorisations
- Users can collect their changes in authorisation and validity extensions locally
- Combination with offline and online operating modes possible at the external access points of the system to allow direct programming of the access control devices
- Increased security in the event of loss of locking media

### YOU NEED (IN MOST CASES)

- Standard laptop or netbook, server if necessary (note supported operating systems)
- Locking media (note memory size)
- ENiQ® access control device
- ENiQ® AccessManagement software
- Desktop reader
- Terminal if necessary
- ITT if necessary
- Licence, online licence if necessary (required for AccessManager ITT, data-on-card licence (intelligent), client-server licence if necessary)
- USB wireless stick with wake-up card
- Master card

# Software programming



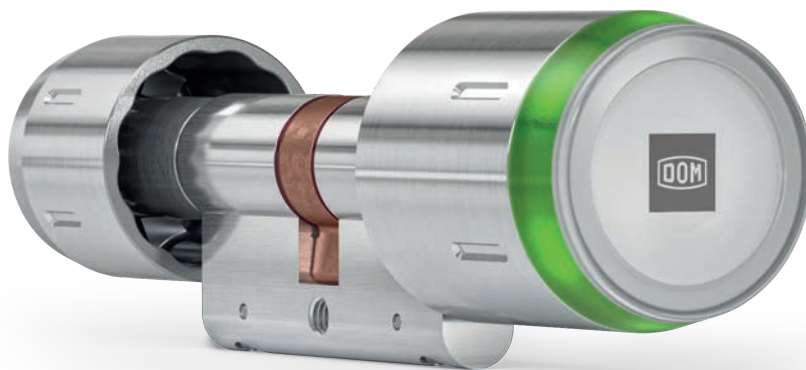
# Hardware

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# Pro

Technical multi-talent: Pro digital locking cylinders combine all the functions and designs of a smart access control system as standard. They are extremely easy to install, sturdy and attractive for almost any door.



## PRO OPENS UP A WHOLE NEW WORLD

The new Pro digital locking cylinders open up a whole new dimension of access organisation for you – flexibility in access management is one of the decisive advantages of the system. Have there been some changes within your organisation? If so, the Pros can adapt to your door with their plug & play design. The digital knob cylinders can be installed as an access system in almost all doors – reliable and secure products with top quality that provide you with convenient access to all your rooms.

## ALL OPTIONS ARE STANDARD

As standard, each DOM Pro cylinder is:

- splashproof to protection class IP 65 (electronics knob IP 66)
- fire-resistant in accordance with protection class T90
- Bluetooth Low Energy on board
- length-adjustable thanks to the “plug & play” system (ready for online operating mode)
- certified according to EN 15684 and the highest possible classification key of this standard
- VdS BZ+ certified (Euro-profile cylinder)
- SKG \*\*\* certified (Euro-profile cylinder)
- equipped with dynamic optical signalling – 4 RGB LEDs
- available for the DOM ENIQ® and DOM Tapkey world



# Finishes

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## NO END OF INSPIRATION

To do justice to your individual wishes and requirements, the Pro is supplied in a white, black, brass or stainless steel finish,

whereby we cater to the trends and requirements of modern architecture.

### AREAS OF APPLICATION:

- Pro can be used wherever requirements on security and comfort cannot be satisfied using conventional mechanical locking systems
- Where access authorisations for buildings must be adapted individually to users in terms of time restrictions or need to be changed flexibly
- Create transparency through access control, in order to reconstruct access to the building later

### YOUR ADVANTAGES

- Flexibility in access management
- Long battery service life
- Long cylinder service life thanks to revolutionary coupling and high product quality
- Safe investment thanks to simple reprogramming/deletion of lost transponders
- Simple installation without cabling
- 13 versions
- 4 profiles (Euro-profile, Swiss round profile, Scandinavian oval and round profile)
- Planning security, since your digital access control can be easily extended at any time.
- 3 energy exit variants



# 13 versions for almost every situation



**1 DOUBLE-KNOB CYLINDER**  
The inside knob can always be operated. The electronic reading knob on the outside is cleared by the transponder, thus permitting access. Dimensions: from 30 / 30 mm.



**2 CYLINDER READABLE FROM BOTH SIDES**  
Both the inside and the outside knob can be turned freely, so that identification is required on both sides by means of the transponder to open or close the door. In addition, the assignment of different authorisation for access from the inside or access from the outside allows controlled guidance of streams of people through buildings.



**3 CYLINDER WITHOUT INSIDE KNOB**  
for doors that are not meant to be locked from the inside



**CYLINDER SUITABLE FOR PIVOTED lever handles e.g. for server cabinets**



**4 SHORT-LONG CYLINDER**  
for installation in a standard folding door with a door leaf thickness of 40 mm. Dimensions: from 27.5 / 35 mm.



**5 DOUBLE-KNOB CYLINDER FOR GLASS DOORS**  
With the same functions as the "standard" double knob cylinder, but specially adjusted for glass doors. The sturdy stainless steel design enhances the look of the stylish, "transparent" glass doors. Dimensions: from 30 / 10 mm.



**6 HALF CYLINDER**  
suitable for key-operated switches, gates, distributor cabinets, service openings. Dimensions: from 30 mm. Also available as version with screw attachment from the rear (e.g. for lifts).



**7 PADLOCK**  
suitable e.g. for containers

## Pro EE

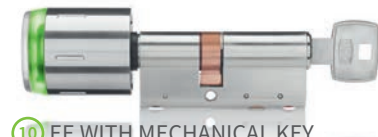
The Emergency Exit versions of the Pro in accordance with DIN EN 179 and EN 1125 are the solution for emergency exits and escape routes. The cylinders have a feature that ensures that the locking catch is always reset to a range of +/- 30° around the 6 o'clock position and permits use of the anti-panic function at any time. The Pro EE is available in three versions:



**8 EE WITH INSIDE KNOB**  
For emergency exits that must be lockable from the inside



**9 EE WITHOUT INSIDE KNOB**  
suitable e.g. for emergency exits with panic bars



**10 EE WITH MECHANICAL KEY ON THE INSIDE**  
suitable e.g. for emergency exits with panic bars, can lock the door from the inside



**11 LEVER CYLINDER**  
suitable for e.g. letter boxes



**12 1328**  
suitable for server cabinets

# Plug & play – flexibility

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## PLUG & PLAY

Your properties are unique – just like our cylinders. And you will notice this even during installation. Locking screw out, existing cylinder out, new digital cylinder in, locking screw in. That's all there is to it. You're getting a new door or have to move with your digital locking cylinder? The length can be adapted quickly and easily to any door leaf thickness. The plug & play technology gives you all the freedom you need. Electronic knobs and mechanical inside knobs can be mounted on site on any Pro cylinder body to suit your required length.

## CUSTOMISED SERVICE: THE PLUG & PLAY CASE

The advantage for you: waiting a long time for an order is most definitely a thing of the past. "Just in time" adaptation of the "Pro" is child's play. With the plug & play service case you have a large number of different lengths of cylinder body available. So you always have the right solution.



# Guardian S



## AREAS OF APPLICATION

The Guardian S is mainly used in exterior doors where access control requires a high degree of security and resistance to the environment:

- Office and administration buildings
- Hospitals and care homes
- Banks and hotels
- Schools and universities
- Shopping centres, restaurants etc.
- Available for the DOM ENIQ® and DOM Tapkey world

Attractiveness, intelligence and strength united in one product. The digital functions of the Guardian S are the same as those of the Guard. Its special features are its reinforced outside cover and its IP 55 protection class, which makes it especially suitable for exterior doors. A particular strength is its fastening from the inside, which increases security and considerably simplifies installation. Access authorisations can be assigned flexibly. The Guardian S thereby fits seamlessly into the existing product range.



## ADVANTAGES

- Width: 46 mm
- Can be adjusted for use with left or right hung doors
- Different handle types
- Classical design in brushed stainless steel
- Housing: blind, with profile cylinder hole or Swiss round profile hole

# Guard



The DOM Guard – unique in functionality and elegance. It has everything you expect: durability, longevity and a clear, elegant and timeless design.

The different models of our digital door fitting reader provide a solution for almost every door situation.

All versions of the Guard are based on the new colour scheme and elegant product line design. You can choose from a variety of handle versions to match your interior design. The Guard is the perfect design partner to manage access to your doors.

## AREAS OF APPLICATION

- Office and administration buildings
- Hospitals, clinics and retirement homes
- Banks and hotels
- Public facilities, such as shopping centres and restaurants
- Schools and universities
- Dynamic 4-LED signalling, acoustic buzzer (can be switched off)

## Handle shapes



HANDLE  
MITRE  
L-shape



HANDLE  
MITRE  
U-shaped



HANDLE  
MITRE  
Offset



HANDLE  
ROUNDED  
L-shape



HANDLE  
ROUNDED  
U-shaped



HANDLE  
ROUNDED  
Offset

## RELIABLE

- Long product life: at least 200,000 opening and closing cycles
- Class 4 certification according to EN1906 and prEN 16867
- Complete compatibility list with existing panic locks for emergency exits
- 70,000 battery closing cycles – standard AAA lithium batteries
- Suitable for emergency exits according to EN 179 (certified) & EN 1125 (note compatibility with other products).
- Fire protection certified T30, T60, T90 (in preparation)

# The versions

## The perfect door fitting reader for every door and situation

The Slimline is a stylish solution that blends in perfectly with and enhances the appearance of modern interiors. It is suitable both for new full-leaf doors and for new and existing tubular frame doors with small backsets. If you replace your existing fittings with digital door fitting readers, you can save time and money with Guard Wideline. With its amply dimensioned frame, it conceals minor damage, traces of use and colour differences in the door surfaces of previously placed fittings.

Guard Compact is suitable for existing doors with round or oval rosettes and is available in both Slimline and Wideline versions. All models are available blind or with a cylinder profile hole. This permits additional mechanical locking of the door.



**GUARD SLIMLINE**  
without profile  
cylinder hole



**GUARD SLIMLINE**  
with profile cylin-  
der hole



**GUARD SLIMLINE  
COMPACT**



**GUARD SLIMLINE  
COMPACT**  
with outer rosette and  
profile cylinder hole



**GUARD WIDELINE**  
without profile  
cylinder hole



**GUARD WIDELINE**  
with profile cylinder  
hole



**GUARD WIDELINE  
COMPACT**



**GUARD WIDELINE  
COMPACT**  
with outer rosette and  
profile cylinder hole

### YOUR ADVANTAGES

#### ■ DESIGN

Complement any interior with the clear and stylish design of the Guard. Multi-coloured, intuitive LED lighting and a high-gloss cover in combination with the selection of high-quality stainless steel surfaces make for a real eye-catcher.

#### ■ EASY

Thanks to the long standby time and the large number of opening and closing cycles per battery, the Guard rarely requires maintenance and any necessary battery change can be carried out in no time at all from the outside of the door.

#### ■ LONG-LASTING AND RELIABLE

Our digital door fitting readers are designed for longevity. Durable and strong, the Guard can withstand almost any environment and has a very high use class (class 4 certification according to EN 1906/EN 16867). This makes the Guard especially suitable for schools and psychiatric facilities.

#### ■ PLUG & PLAY

The Guard's ease of installation requires little or no preparation.

#### ■ FLEXIBILITY

Thanks to flexible screw connection points and the versions for rosettes, the Guard can be easily mounted on almost any door, including fire and smoke protection doors and emergency exits. The "Wideline" version offers an option to cover old door fitting surfaces. If required, a locking cylinder with an additional mechanical locking function can be used.

#### ■ AVAILABLE FOR THE DOM ENiQ® AND DOM TAPKEY WORLD



# LoQ – Access control for cabinets and lockers



Imagine, in addition to all your doors and access points, you could also lock and manage lockers, cabinets or toolboxes with the same functionality – well, now you can do just that with the easy-to-use LoQ!

The LoQ is small yet versatile and flexible – it is compatible with almost all furniture that can be opened and closed. Don't let its small size fool you. The LoQ is just as intelligent, networked and durable as its big brothers, the Pro digital cylinder and the Guard digital door fitting, which control access to doors.

Integrating lockers or cabinets into your existing access control system offers many advantages. By simply holding your transponder in front of a locking cylinder, e.g. on a door, or a LoQ, e.g. on a personal locker, you not only gain access to the right areas but also to your securely stored valuables with a single locking medium.

## YOUR ADVANTAGES

### ■ PLUG & PLAY

The LoQ feels at home in a variety of applications, regardless of the thickness and type of material.

### ■ USER-FRIENDLY

The standard AAA batteries are easily accessible and can be easily replaced.

### ■ FLEXIBLE

Simple installation in any desired orientation. No matter if it is vertical or horizontal - fastened left or right.

### ■ MULTI-USER MODE

Places such as swimming pools and fitness studios require a further mode, multi-user mode, in addition to access control. With this function and the LoQ you can turn your locker into a guest locker in the ENiQ world. Guests can simply book a free locker of their choice with their transponder. The locker remains reserved and locked until the guest shows his transponder again and empties the locker. After that, the locker can be booked again by any

other guest. The maximum number of lockers to be booked and the maximum duration of the booking are configurable.

### ■ COMPREHENSIVE INFORMATION

An extensive event memory gives you an overview of your usage history at any time. And of course in accordance with the current data protection guidelines.

### ■ AVAILABLE FOR THE DOM ENiQ® AND DOM TAPKEY WORLD

# Install your LoQ how and where you like

The LoQ is based on lever cylinder technology, which is mostly used for lockers, letterboxes and steel or wooden cabinets. On the back of the lock there is a lever that turns up to 90° when the knob is operated. The lock is available with a wide variety of different levers, making it suitable for practically any application.



## Functional design



## Individualisation



Red



Blue



Yellow



Green



Pink



Grey



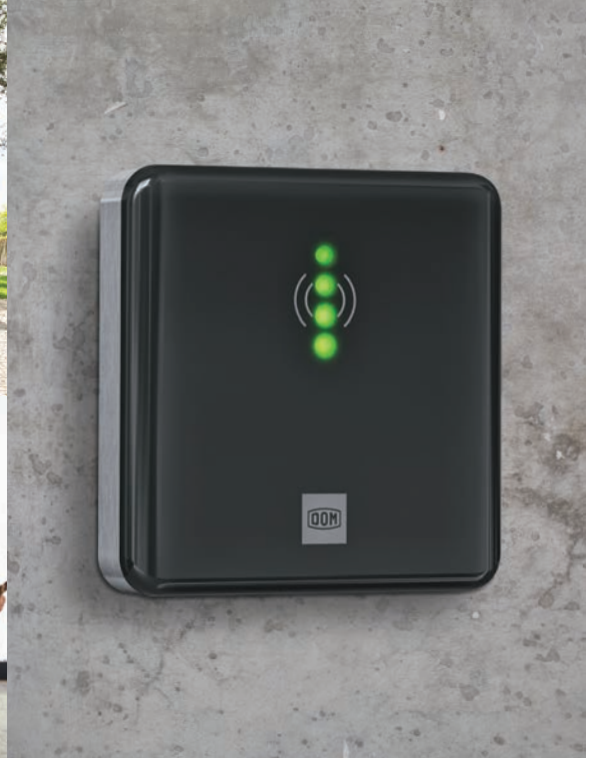
White

# AccessManager – wall reader

## AREAS OF APPLICATION

The AccessManager offers the perfect access control start-up unit with a wide range of possible applications. Whether used as a stand-alone wall reader or integrated in an access control system:

- It digitally clears the opening of electric doors, sliding doors, gates, barriers and turnstiles
- It controls door openers, motorised cylinders and other actuators
- It can arm and disarm burglar alarm systems (with PLC)
- Compact (control and reader in one device) or HiSec version (with second remote reader)
- Suitable for offline, online and data-on-card operating modes
- Surface-mounted or flush-mounted installation



## ACCESSMANAGER

The AccessManager boasts a wide range of applications and expansion possibilities. Installation is possible on a standard switch box as well as on surfaces.

Depending on your individual applications, the AccessManager is available in two different versions. The Compact version, consisting of reader and control unit in a single device, and the HiSec version, which is available with the control unit with reader in one device and up to three additional passive readers (external). Each Compact can be converted to a HiSec version by connecting it to a passive reader.

## ACCESSMANAGER – MANAGING ONLINE

AccessManager has an on-board Ethernet interface, allowing an online connection at any time without additional components.



Version 1:  
Compact



Version 2:  
HiSec



Version 2:  
HiSec with up to 3 (external) passive readers

## YOUR ADVANTAGES

- Convenient programming with cards, app or software
- Potential-free inputs and outputs
- Network-compatible (Ethernet)
- AccessManager can be adapted to the door situation and drives. To do so, only one special function (PLC) must be implemented.
- Ring memory for up to 2,000 access events
- 3 colours to choose from: black, white, grey
- Available for the DOM ENIQ® and DOM Tapkey world

# AccessManager Terminal and AccessManager ITT

(Terminal / Intelligent Transponder Terminal)



AccessManager Terminal and AccessManager ITT

## THE ACCESSMANAGER TERMINAL

With the terminal, you can update the validity of your authorisations for the next 24 hours – when you enter the building, for example.

## RETRIEVE YOUR AUTHORISATIONS AT ANY TIME

Besides updating validity periods, the ITT access manager can also write new or modified authorisations to your transponder at any time. Simply hold it up to the reader, wait for the signal and off you go! You'll have immediate access.

## Use

DOM terminal solutions are perfectly suited for the 'data-on-card' operating mode of your DOM Security Ecosystem: it enables you to write new or modified access authorisations to all transponders in a decentralised manner. Perfect for companies with large or multiple

locations. They can also play a pivotal role in a stricter security protocol requiring employees to renew their authorisations regularly; monthly, weekly, daily, hourly. More control, more oversight, no additional effort.

## YOUR ADVANTAGES

All the benefits of the AccessManager Terminal and AccessManagers ITT

- Save time and money. No service personnel is required to update the terminals and employees do not have to travel to the personnel department to obtain new or modified access rights. All it takes is one call and the new rights can be obtained from the nearest ITT.
- When using the 'data-on-card' mode, you can increase your security by limiting the validity of authorisations, for example to 24 hours. Lost or stolen transponders are reported to the system and are no longer updated.
- With the remote reader installed outside your building, your employees can obtain new validations, but burglars have no chance to access your premises from the outside, to intercept or manipulate data or short-circuit the actuator of the access.
- Available for the DOM ENiQ® world.

# Module reader



With the 'Module reader', any existing intercom, front door intercom or letter-box module can be made a part of your Security Ecosystem.

With the various module readers, you can easily integrate a DOM wall reader or a DOM terminal into a column or into a shield module from a manufacturer such as Siedle or Ritter.

## Colour options

- Siedle - white, silver-metallic, high-gloss black, stone-metallic barn, dark grey-metallic, titanium-metallic.
- Baudisch - anthracite grey RAL 7016.
- Behnke - anthracite grey RAL 7016.
- ELCOM - anthracite grey RAL 7016.
- RITTO Acero - anthracite grey RAL 7016.
- Relino - silver-metallic.
- VOX-IO Easy - grey, light grey.
- RITTO Portier - white, silver-metallic, grey-brown, titanium.
- VOX-IO Touch - black carbon-fibre look.
- Gira - anthracite grey RAL 7016.

## YOUR ADVANTAGES

All the benefits of AccessManagers, plus module reader:

- Always the right DOM-compatible reader for your existing module or intercom system.
- Perfect optical integration into your existing module or intercom system from other manufacturers.
- Always includes AccessManager Compact as control unit, no additional electronic device required.
- Available for the DOM ENiQ® world
- Can't find the colour you want? Not to worry, we can offer you even more colour options. Contact us for more colours.

# RF NetManager – the communication module

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The 'RF NetManager' is a communication module that connects your battery-powered equipment in doors or lockers, such as the Pro cylinder, to your Ethernet network and thus to the software and database.

The RF NetManager connects to the terminals by radio signal. With the RF NetManager, your terminals in the doors can be operated "online", enabling them to be updated with the latest authorisations or commands within a few seconds. The latest events that have occurred at the doors are transmitted directly to the software.

## YOUR ADVANTAGES

- High range
- Simple and cost-efficient installation.
- Large and fast data capacities.
- Connect up to 8 terminals to one RF NetManager
- Compatible with standard network components.
- Future-proof network capability.
- Compatible with systems and products from other manufacturers, e.g. alarm systems via PLC application.
- Available for the DOM ENiQ® world.





# PLC (programmable logic control)

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This product allows the implementation of many different and individual special functions with our devices AccessManager Compact & HiSec as well as the RF NetManager.

**A burglar alarm system can be operated on the AccessManager with a PLC, for example.**

## **PLC PERMANENTLY CLOSED WITH FEEDBACK: RF NETMANAGER**

Sets the terminal e.g. Pro to the function 'permanently closed'. Access with authorised closing media is generally no longer possible. Execution of the function 'permanently closed' on the terminal is monitored and signalled to the RF NetManager, which can signal this to an external system, e.g. an LED, via the output relay – feedback.

**Application example:** in combination with the burglar alarm system, ensuring that no one enters the building before the burglar alarm system has been deactivated

## **PLC PERMANENTLY OPEN WITH FEEDBACK: RF NETMANAGER**

Sets the terminal e.g. Guard to the function 'permanently open'. Access is possible without authorised closing media even for visitors. Execution of the function 'permanently open' on the terminal is monitored and signalled to the RF NetManager, which can signal this to an external system, e.g. an LED, via the output relay – feedback.

**Application example:** reception entrance with manned reception, visitors without identification may enter

The PLCs can be activated via the software in the devices!

## **PLC ALARM FUNCTION EVENTS: RF NETMANAGER**

RF NetManager switches its output relay depending on events. RF NetManager receives the event 'unauthorised locking medium' by radio signal from the terminal and then switches the output relay for activating an external system.

**Application example:** video monitoring. Recording of unauthorised access attempts

## **PLC SLUICE: ACCESSMANAGER (+ 3 ENIQ® / ELS® PASSIVE READER)**

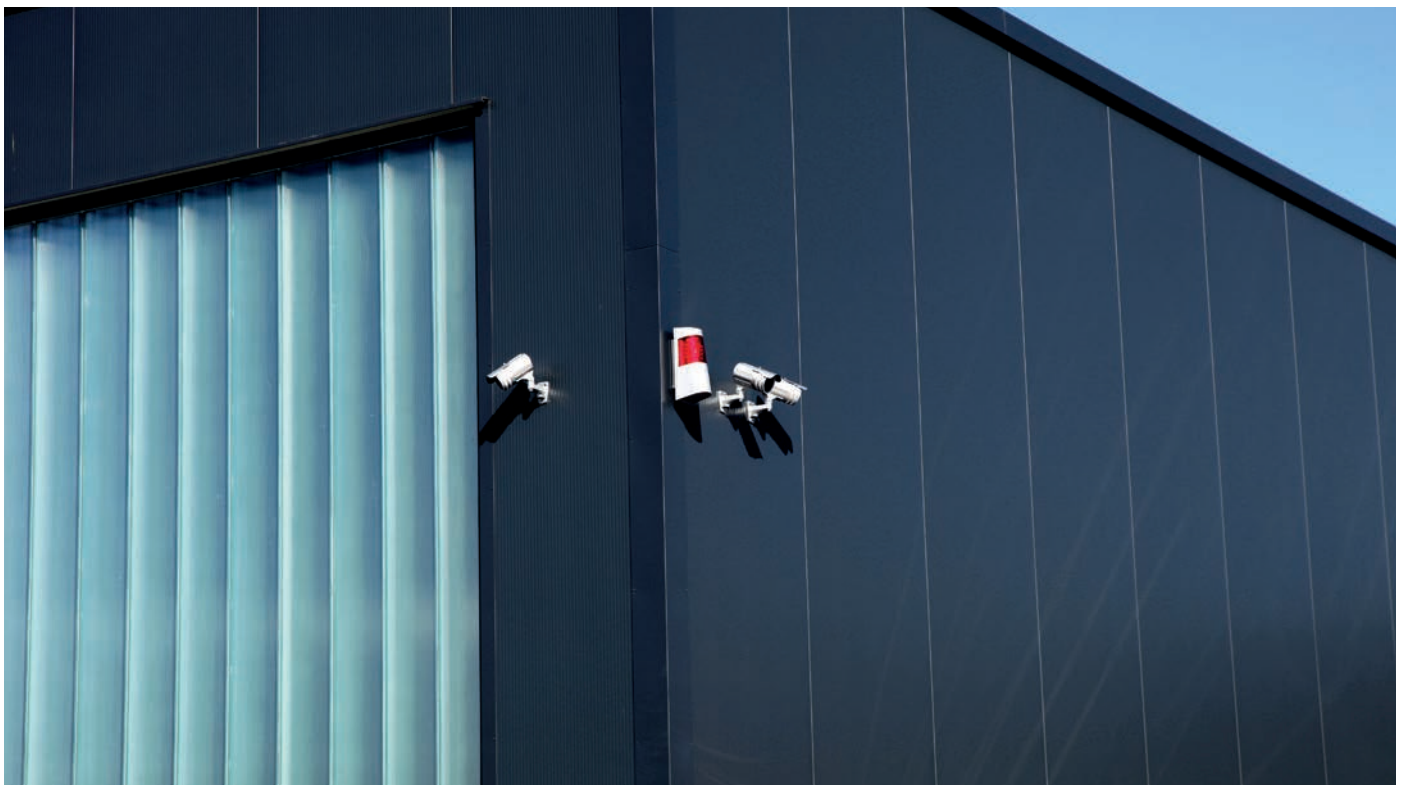
For passage between two areas using a double access (e.g. 2 doors), whereby only one of the accesses may be open at once. AccessManager and Passive Reader 1 control access on the inside for entering and leaving the sluice, and Passive Reader 2 and Passive Reader 3 control access on the outside for entering and leaving the sluice from the outside.

**Application example:** sluices in hospitals or laboratories

Is the solution you require not among the standard on offer? No problem, we at DOM can also program a customised solution for your property. Just ask your specialist retailer for more details.

# PLC (programmable logic control)

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# Transponders

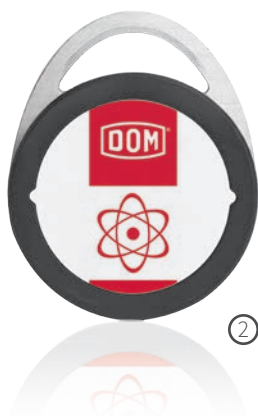
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The ENiQ® and DOM Tapkey system families can be operated with different transponder types (Mifare) and models in a wide range of colours. A selection of the most common is presented below. In addition, we always offer you a solution for individual ideas.



## 1. STANDARD TAG

The tag is available in the colours black, red, green, white or yellow. It can also be delivered with your customised company logo and as a combined transponder (e.g. Hitag-Mifare).  
(13.56 MHz DOM ENiQ® and DOM Tapkey)



## 2. PREMIUM PLUS TAG

The tag is available in the colours black, red, green, white or yellow. It can also be delivered with your customised company logo and as a combined transponder (e.g. Hitag-Mifare).  
(13.56 MHz DOM ENiQ®)

# Transponders

## 3. ISO CHEQUE CARD TRANSPONDER

With or without magnetic strip. An extremely widespread transponder design. Application areas for ISO cheque card transponders are time recording or accounting systems within the context of employee management systems. It goes without saying that ISO cheque card transponders can be printed individually and are available as combined transponders.

(13.56 MHz DOM ENiQ®)



## 4. CLIP TAG

A real DOM innovation. The clip tag combines mechanical locking technology with digital access control. Mechanical keys of all conventional systems in the RS series and all reversible key systems in the ix series can be integrated or retrofitted to the clip tag. This way, a single locking medium can be used for both worlds – mechanical and electronic – thereby reducing the bulk of the key ring. (13.56 MHz DOM ENiQ®). The clip tag can also be customised using six different colour tags.



With the clip tag, DOM Sicherheitstechnik makes it possible to use just one locking medium for a combination of mechanical and digital locking systems.

# ENiQ<sup>®</sup>

## Special and programming cards

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### MASTER CARD

The master card is the most important card in your system. It serves as proof of ownership, and with its help you can add or remove digital terminals to or from your system. The master card can also be used to assign authorisations to locking media and programming cards. After the master card has been used, it should be stored in a safe place e.g. in a safe.



### PROGRAMMING CARD

The programming card is the second most important card in your digital locking systems from DOM. Up to 5 programming cards can be created per terminal. These can be used for creating locking media, deleting individual cards which are physically present or resetting all the authorisations of locking media in terminals in case locking media are lost.



### RF WAKE-UP CARD

The RF wake-up card is used to briefly activate the wireless interface in the terminals for wireless communication with the terminal using a laptop and software. An additional component (e.g. USB wireless stick) may be required for wireless communication. This allows battery-saving operation of the access control device in the door.



### RF ONLINE CARD

The RF online card is designed to permanently activate the wireless interface of the terminal so that it can be integrated into an online system.



### PERMANENTLY OPEN CARD

The permanently open card is used to set the terminal to the 'permanently open mode' and return it to the initial state. If this "permanently open mode" is active, the terminal can be operated at any time without an authorisation check and the door can be opened. This function is used during business hours when many visitors enter through the main entrance doors, for example, provided there is a permanently manned reception area.



### INSPECTION CARD

The inspection card is a special card for the LoQ. It is used to perform maintenance, inspection and emergency opening in multi-user mode.



# ENiQ<sup>®</sup>

## Special and programming cards



### PERMANENTLY CLOSED CARD

The permanently closed card is used to set the terminal to the 'permanently closed mode' and return it to the initial state. In this mode, no access – not even authorised – is allowed (the device can only be entered with specially authorised transponders). This mode is used, for example, to block entry to a building while the alarm system is armed.



### BATTERY REPLACEMENT CARD

An authorised change of battery indication card is used to confirm at the terminal that the battery has been changed. The card must first be authorised at the terminal by means of card programming or software.



### DOM PARTNER BATTERY REPLACEMENT CARD

An authorised DOM partner battery replacement card is used to confirm at the terminal that the battery has been changed. This card is always authorised and does not need to be set up at the terminal.



### SERVICE/MAINTENANCE CARD

Escape and rescue routes can also be equipped with DOM terminals. Escape and rescue routes in accordance with DIN EN 179 and 1125 must be maintained regularly. The law requires this maintenance to be documented. When the service/maintenance card is presented, the event "maintenance carried out" is saved at the terminal and forwarded to the software. The event is then recorded and saved for you in the database.



### BUILDING LOCKING CARD

All DOM terminals are delivered coupled so that they can be installed with minimum effort. To be able to test the function or to lock a property at night during the construction phase and make it permanently accessible to all workers during the day, the card can alternate the status of the terminals between "coupled" and "not coupled" before the devices have been assigned to a system.



### TRANSPONDER MANAGEMENT CARD

The transponder management card is only available in a ratio of 1:1 with a locking medium. The transponder management card contains information about the associated locking medium. With the aid of the transponder management card and a master card/programming card, exactly this one locking medium can be created and deleted if physically not present. When a transponder management card is presented directly to a terminal, the terminal indicates the authorisation status of the corresponding transponder. The transponder management card cannot be used for locking, the cards themselves have no authorisations.

**The transponder management card is for the operating mode offline card programming with EasyFlex and only available for the ENiQ (Mifare 13.56 MHz) system world.**



# Administration

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# ENiQ<sup>®</sup> EasyFlex

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# ENiQ® EasyFlex

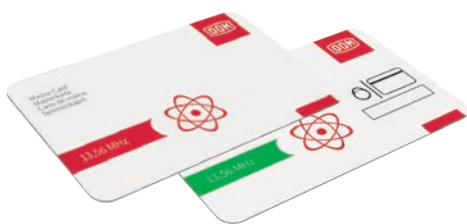
## Digital locking system ENiQ® EasyFlex BLE Pro



ENiQ® Pro is a digital knob cylinder which can be installed in almost all doors as an electronic access control device. It only takes a few minutes to replace a mechanical locking cylinder by the ENiQ® Pro cylinder – without any complicated cabling at all being necessary. ENiQ® EasyFlex enables the simple and flexible use of ENiQ® locking devices, including digital door fittings, digital furniture locks and wall readers without software. A specific transponder can be created and deleted quite easily with the aid of the master card and a transponder management card without the transponder having to be “on site”. If, for example, a transponder is lost or stolen, complicated replacement or resetting of the digital locking cylinder is no longer necessary. Do you need more than 5 “keys”? No problem. For every further EasyFlex booklet purchased, the system can be expanded by 5 additional transponders with matching transponder management cards. This makes it an ideal and modern locking system for private homes and smaller offices or commercial units (medical practices, lawyers’ offices etc.).



# ENiQ® EasyFlex



## YOUR ADVANTAGES

- No software or online connection necessary (later conversion to app or software is possible at any time, however, if you expand your system)
- Creation and deletion of a single transponder in case of physical loss (e.g. through theft)
- Can be expanded at any time by further ENiQ® EasyFlex booklets (5 transponders each with appropriate transponder management keys) up to a total of 5,000 transponders
- No follow-on costs (credits) and registration for authorisation actions
- Easy to use
- ENiQ® EasyFlex works with ENiQ® Pro, Guard, Guardian S and AccessManager Compact & HiSec



# DOM Tapkey

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## Easy Mobile Access



### ACCESS ORGANISATION WITH YOUR SMARTPHONE

DOM and Tapkey offer you the best of both worlds. The wide range of DOM Tapkey digital locking devices offers you a suitable locking solution for almost any locking situation.

DOM offers you a large range of digital cylinders, digital door fittings, digital padlocks, digital furniture locks and wall readers for an optimum solution for your locking situation. Regardless of whether you want to protect your family, your valuables, your company, customers or guests, we do not compromise on your security. All DOM products are protected by the use of particularly secure encryption. In addition, the high-quality and powerful mechanism combined with innovative electronic components ensures reliability and a long service life.

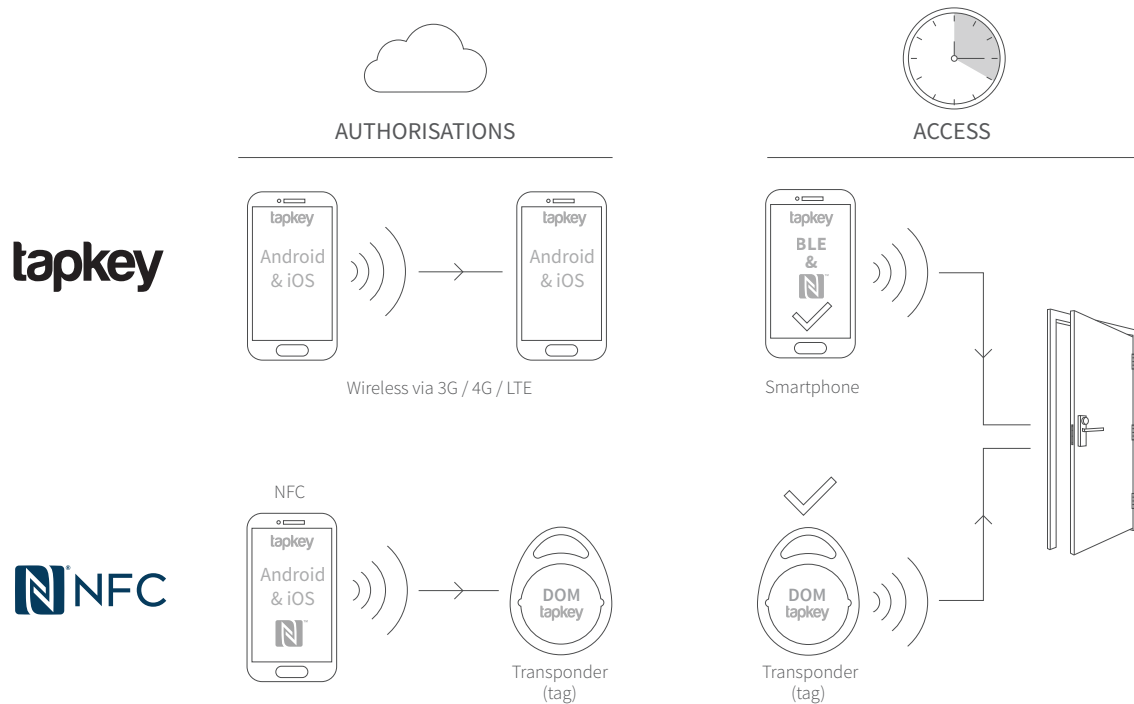
The Tapkey app is simple to use, just like the digital hardware. You activate a DOM Tapkey device using your smartphone (Android or iOS) via NFC (Near Field Communication) or BLE (Bluetooth Low Energy). The administrator can send other users authorisations for your DOM Tapkey devices to their smartphones, securely and protected by an encrypted Google ID or Apple ID.

### THE TAPKEY APP OFFERS SIMPLE, MOBILE ACCESS

Within a few minutes, you can create your own digital locking system in three simple steps – download the Tapkey app from the Google Play store or the Apple store, activate your account and link your digital locking devices e.g. your digital cylinder in the entrance door or the garage – and you're done! In a few steps, you assign authorisations to users who can then open and close doors with a smartphone, or program DOM Tapkey transponders with the NFC interface on your smartphone for those who prefer a more conventional type of access.

With the Tapkey app, users can use their iPhones to write access rights to their DOM Tapkey transponders, as well as change and revoke access rights. Our BLE connection also improves the user experience of mobile access, allowing you to open your doors simply by pressing a button on your smartphone.

# DOM Tapkey



## DOM Tapkey system

- Manage access authorisations via the app
- Tapkey smartphone keys – assign authorisations for other smartphone users with the smartphone via OTA (Over The Air)
- Up to 5 smartphone users can be activated free of charge in the system, no matter the number of closing cylinders. Every smartphone user can be authorised at up to all the locking devices in the system.
- Tapkey offers package prices for more than 5 smartphone users per device. The number of transponders is not limited.
- Use your existing Google ID or Apple ID to register your system.
- Opening the door via BLE with Android & iOS devices as well as with NFC with Android devices
- Simple creation of a new Google ID or Apple ID account
- Open without internet connection
- Additional use of the DOM Tapkey hardware tags for the key ring
- Programme your tag with your Android or iOS smartphone and the compatible NFC interface
- DOM Tapkey locking devices work independently: no further devices need to be installed in or on the door
- Use weekly schedules for recurring authorisations
- For Android ( $\geq 5.0$ ) or iOS ( $\geq 9$ ) smartphones
- Extremely safe communication thanks to the use of end-to-end encryption.
- Open platform: use the same smartphone and the same app to open your home, workplace, co-sharing offices, mailboxes, cars (car sharing), hotel room or car park.
- Open system: use the Tapkey app and your smartphone on a variety of locking devices from different manufacturers
- Assign up to 12 device or device group authorisations per transponder. No restriction for mobile keys.



# ENiQ<sup>®</sup> app

## ACCEPTANCE AND MANAGEMENT OF:

- Devices – management of Pro, Guard, Guardian S, ACM Compact & HiSec as well as LoQ
- Persons and transponders
- Week plans
- Individual authorisations for persons for individual times or repetitive times on their DOM devices

## USE

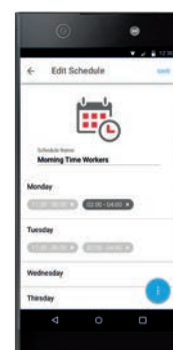
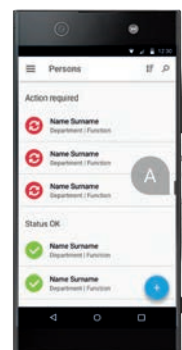
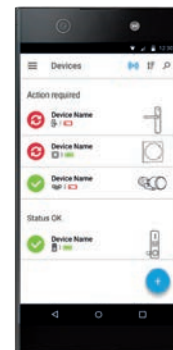
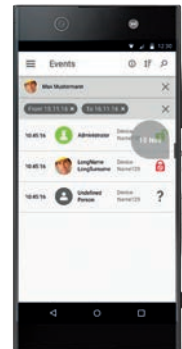
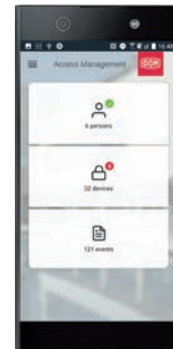
- Intuitive handling and user guidance
- Simple overview of all system components
- Clear presentation of all 'To Do's'
- Display of all access events with filter function by devices, persons, transponders and time
- Display of current device data, such as battery status and firmware version
- Search, filter and sorting functions for better overview and faster finding of system elements
- Assignment and option to filter your personnel according to departments or functions
- Device door opening possible with the admin smartphone
- Choice between data-on-device (authorisations in the device, programming of the devices) and data-on-card (authorisations on the transponders, programming of the transponders)

## TIME MANAGEMENT

- Assign personnel a validity (e.g. period: starting at the company to going into retirement) as additional restriction
- Weekly plans for recurring/regular authorisations
- Up to 4 time intervals per day, 7-day week
- Convenient and straightforward creation of week plans
- Up to 15 different week plans can be created

## HIGH SECURITY

- Password protection
- First VdS \*\* certified app according to the VdS-3169-1:2016-02 guideline
- Back-up function: have you lost your smartphone or got a new one? No problem! Simply make a regular back-up of the ENiQ<sup>®</sup> app on your current smartphone and transfer this to your PC. Then simply transfer the back-up file to your new smartphone.



# ENiQ<sup>®</sup> app

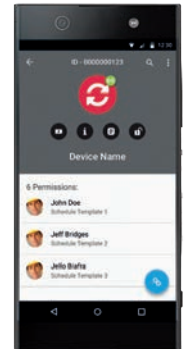
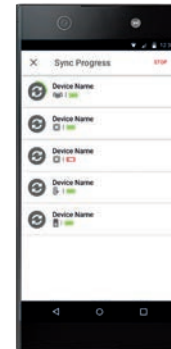
## FUTURE-PROOF WITH ENIQ<sup>®</sup>

- Straightforward upgrade of your ENiQ<sup>®</sup> EasyFlex system (card programming) incl. acceptance of events and authorisations in the ENiQ app
- Is your company growing so quickly that you would now like to use comprehensive access control software? Then simply transfer your devices and transponders to your new ENiQ Access Management Software
- Simple locking plan export function for a better overview from your PC



## MAINTENANCE

- The ENiQ app is a data-on-device application with which all authorisations created in the app are programmed into the DOM devices via NFC or BLE or a data-on-card application with which all authorisation data is programmed into the transponders. The transponders are read in once via the NFC interface of the smartphone and assigned to the corresponding person in the app and then programmed for data-on-card.
- Read out the access events that have occurred at the digital locking cylinder, door fitting, wall reader or furniture lock as well as the battery status of the device, directly by smartphone (NFC & BLE).



## SYSTEM PREREQUISITES

- The ENiQ<sup>®</sup> app can run on Android smartphones from version 5.0 with NFC interface
- The ENiQ app is available in the Google Play store and can be found by entering the name "ENiQ app"
- The technology used to communicate with the devices is NFC or BLE.
- The technology used for reading and writing the transponders and the master card is NFC.
- You can manage up to 500 persons and/or transponders as well as 100 devices and save 100,000 access events with the app
- Management of all DOM ENiQ transponders (Mifare) and non-Mifare transponders possible.
- Use of DOM special transponders possible, e.g. permanently open / permanently closed transponders, the service maintenance card (logging of escape and rescue route maintenance) and the battery replacement card. Simple creation of a fire brigade transponder, which, in the event of a fire, has full, permanent access authorisation, providing the fire brigade access to all rooms at all times and setting the devices for incoming crews to the 'permanently open mode'.



# ENiQ®

## AccessManagement software

### AREAS OF APPLICATION

State-of-the-art access control systems include a wide variety of product and functional variants. DOM software tools offer you a tool for commissioning, management, operation and programming which meets current demands in the best way possible:

- Different network architectures
- Client server
- Multi-DB (single-user)
- Mobile programming station
- Offline, online and/or data-on-card operating modes and mixed operations
- Locking plan editor
- Web service interface for exchanging information with other external software products.
- Additional applications with PLCs



### WEB-BASED INTELLIGENCE

The new software was developed as an integrated management platform for the ENiQ® 13.56 MHz technology (Mifare) family. It can be used for everything from laptops/netbooks to a client/server installation. Regular software updates can be downloaded via direct link. An adaptable user interface that can run

in any standard web browser allows for the easy management of small to large properties.

The software can be used to flexibly assign and apply time restrictions to access authorisations.

### YOUR ADVANTAGES

- A software solution: for tablet/ laptop/netbook/PC/server
- Flexible authorisation model e.g. up to 250 day and week plans as well as various special functions such as temporary releases or device week plans
- Scalable operating concept: from group and area authorisations to complex authorisation profiles
- Modular design and upgradability: functional extensions with additional modules can be added at any time

# ENiQ<sup>®</sup>

## AccessManagement software

You can configure our Mifare solution individually according to your needs.

### MODULES REQUIRED FOR THE SOFTWARE OFFLINE OPERATING MODE:



Choose the size of offline module depending on the number of devices and transponders used in your system.

### MODULES REQUIRED FOR THE SOFTWARE ONLINE OPERATING MODE:



Choose the size of offline module depending on the number of devices and transponders used in your system.

Choose the size of online module depending on the number of devices actually operated "online" in your system.

This means all the devices which are directly connected by radio via an RF NetManager to the network and are thus connected to the software.

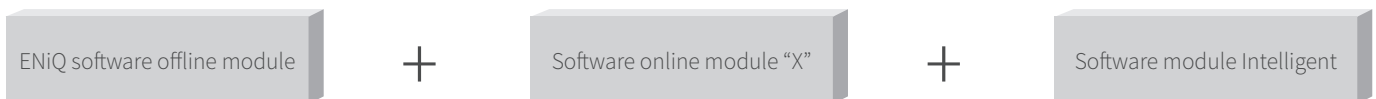
### MODULES REQUIRED FOR THE DATA-ON-CARD OPERATING MODE: (with extension of validity period)



Choose the size of offline module depending on the number of devices and transponders used in your system.

The software module Intelligent enables you to save the authorisations on the transponder (data-on-card). The software module Intelligent is not size-dependent.

### MODULES REQUIRED FOR THE DATA-ON-CARD OPERATING MODE: (with extension of validity period and changes to authorisation)



Choose the size of offline module depending on the number of devices and transponders used in your system.

Choose the size of online module depending on the number of devices actually operated "online" in your system. This means all devices that are directly connected to the network by radio via an RF NetManager or ACM ITTs that are directly connected to the network by Ethernet cable and thus to the software.

The software module Intelligent enables you to save the authorisations on the transponder (data-on-card). The software module Intelligent is not size-dependent.

Important: the AccessManager ITT (Intelligent Transponder Terminal) must be operated online.

# Specials

## EasyKey

Access control system with number and Braille keypad for use without transponder and key

**EasyKey can be adapted to almost every standard mortise lock** and offers security and control. EasyKey is easy and convenient to use in door situations with security requirements (such as offices, hospitals, private areas or public buildings) where you need quick access without having to pull a bunch of keys or smartphone out of your pocket.



### FEATURES

Closing & opening time	Locking closes automatically after 3 seconds
User code	The administrator can create a 4 to 6-digit user code
Max. number of user codes	Up to 150 user codes
Security system	After 5 incorrect code entries the lock is blocked for 1 minute
Memory information	User codes remain saved following battery replacement
Emergency opening function	Emergency opening by means of mechanical cylinder possible – EasyKey available with cylinder profile hole
Signalling with low battery status	Before the last 500 opening processes
Version	Slim & adapt

### FUNCTIONS

Change master code

Enter user codes

Delete user codes

Complete deletion of all user codes

Can always be opened by you

Permanently open function

# Specials

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## PIN code keypad



The PIN code keypad can be installed and configured on the door for practically any application: it can be connected directly to a door opener or, in combination with an RF NetManager, can open digital door locks. In conjunction with an AccessManager or RF NetManager and a PLC, two-factor authentication can be obtained to open your door.

### YOUR ADVANTAGES

- Programming with a master code that you can choose yourself
- In order to increase the security level, the length of the PIN code can be set to between 4 and 8 digits.
- PIN codes can be assigned either to output 1 or 2 or even both outputs
- Protection class IP 67

## Motorised cylinder



### THE MOTORISED CYLINDER IS ALMOST ALWAYS A FITTING CHOICE:

With its DIN-compliant installation dimensions and its functional accessories, it can be easily integrated into any setting. Regardless of whether it is used for mechanical locking systems or digital DOM locking systems.

### USE THE MOTOR CYLINDER TO FIT ALL YOUR NEEDS:

as a standalone product or part of your complex locking system. The automatic locking and unlocking function and versatility of application affords you increased security and great ease of use.

- Optional control through ENiQ®/DOM Tapkey AccessManager
- Operating modes can be selected using five different control inputs
- Automatic locking and unlocking
- Door condition indicator output to external detector (sirens, lamps, indicator panels etc.)
- Compatibility with existing mechanical DOM locking systems
- Basic length 30/30 mm, max. 70/70 mm



		Home			
Type:		On premise	On premise	On premise	Cloud
Authorisation carrier:		Data-on-device	Data-on-device	Data-on-card	Data-on-card
Operating mode:		Offline	Offline	-	-
Management product:		ENiQ EasyFlex card programming	ENiQ app	ENiQ app	Tapkey app
Access control devices					
Digital cylinders	Pro	X	X	X	X
Digital fittings	Guard	X	X	X	X
	Guardian S	X	X	X	X
Digital furniture locks	LoQ	X	X	X	X
Wall reader	AccessManager	X	X	X	X
	Module reader	X	X	X	
Terminals	AccessManager Terminal				
	Module Reader Terminal				
	AccessManager ITT				
Communication modules	RF NetManager				
Programming equipment	Service & maintenance app	X <sup>(1)</sup>	X <sup>(1)</sup>	X <sup>(1)</sup>	
	USB wireless stick BLE 2.4 GHz				
	Desk reader				
	Master card	X	X	X	(owner card per device)
	Programming card				
	RF wake-up card				
	RF online card				
	Construction closing card				
	Battery replacement card		X	X	
	DOM partner battery replacement card		X	X	
	Service confirmation card		X	X	
	Permanently open card		X	X	
	Permanently open transponder		X	X	
	Permanently closed card		X	X	
	Permanently closed transponder		X	X	
Inspection card (only for LoQ in MUM)		X	X		
Transponders	Standard tag	X	X	X	X
	Premium plus tag		X	X	
	Iso check card		X	X	
	Clip tag		X	X	
	Standard tag combi		X	X	
	Premium Plus tag combi		X	X	
	Iso check card combi		X	X	
Specials	EasyKey (stand-alone)				
	DOM motorised cylinder + ACM	X	X	X	X
	DOM keypad + ACM or RF NetManager	X	X	X	X

(1) Only firmware update





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We believe that everyone and everything of value deserves to be kept secure, without compromise.

With committed employees and experts and our continual striving for innovation, we develop top-quality locking and access solutions.

Your professional security adviser:

DOM Security was founded by Henri Morel in Paris. We have more than 20 sales & service branches all over Europe and more than 10 manufacturing locations.  
[www.dom-security.com](http://www.dom-security.com)