Digital
Locking Systems

Contents

Secure and flexible

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. Extended by a clever layout and high quality of the digital components as well as completely encrypted 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 patents and company secrets or your customers' data on company servers, 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 glass office door can be protected and controlled by our 13 different digital cylinders in 4 profiles, our digital inside fitting, our digital outside and safety fitting as well as 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 three operating modes. You can use a standard transponder, an ISO cheque card transponder which serves as company ID at the same time 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 me

chanical 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 authorisation, a process that is straightforward and is done in no time.

FUNCTIONAL

Our special cards, our software and the PLCs (programmable logic controls) offer you unprecedented functionality for your digital locking system. Our special cards and software 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 connected 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.

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.

Secure and flexible

FUTURE-PROOF

Are you uncertain what your company will look like in 5 years time? Whether you are going to expand and 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. Sufficient suitable codings must be planned 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
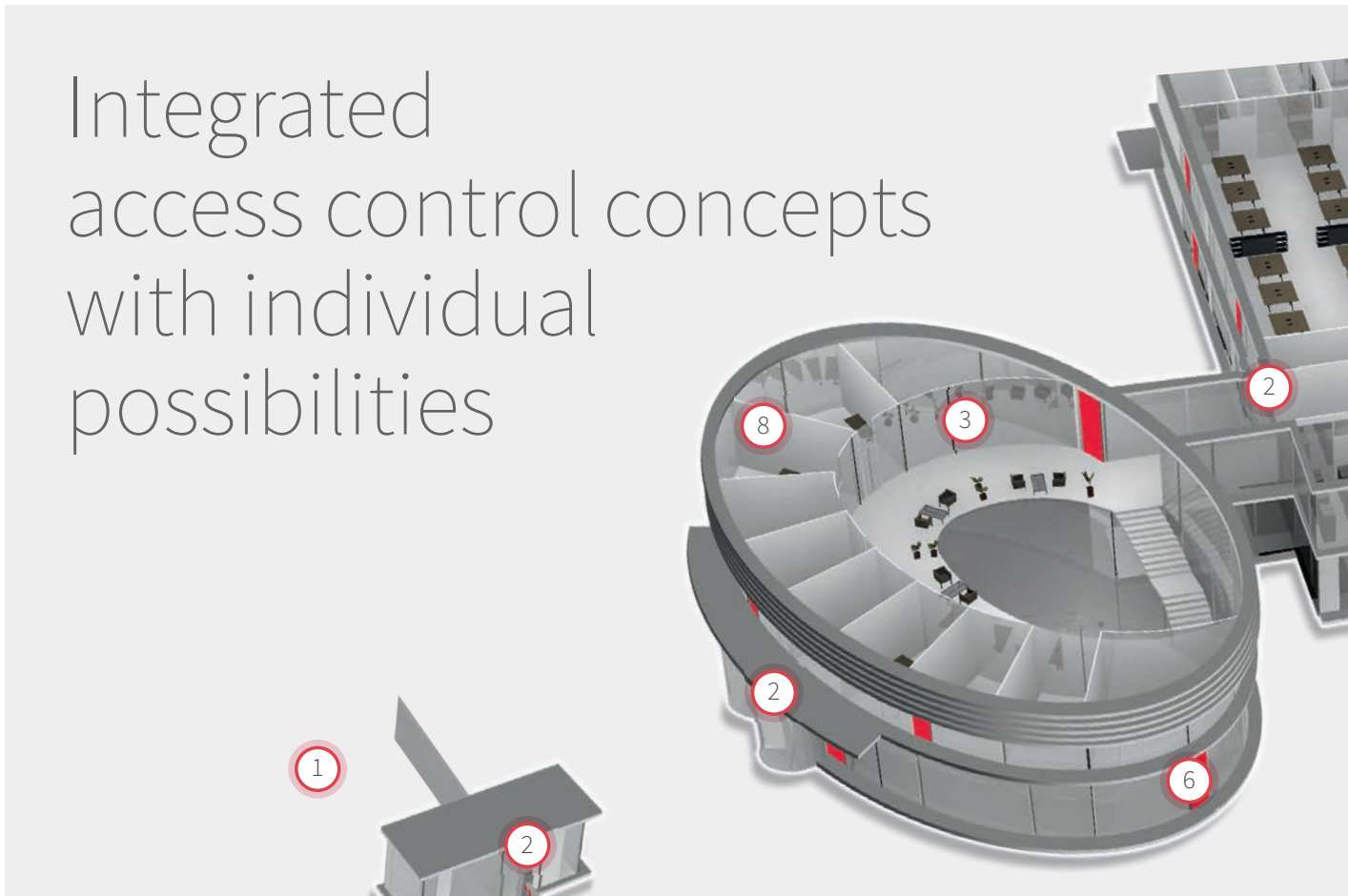
Locking media / transponders
(e. g. access media for employees / visitors)

ENiQ® / ELS®
AccessManager
Digital wall reader
(e.g. for controlling automatic doors,
parking barriers, burglar alarm systems)

ENiQ® / ELS®
AccessManager terminal & ITT
Digital wall reader terminals
(e.g. for extending validity periods
for daily authorisations)

ENiQ® / ELS® Guard S (in preparation)
Digital security fitting reader
(e.g. for exterior doors)

Mechanical locking systems
(e.g. mechanical locking cylinders)
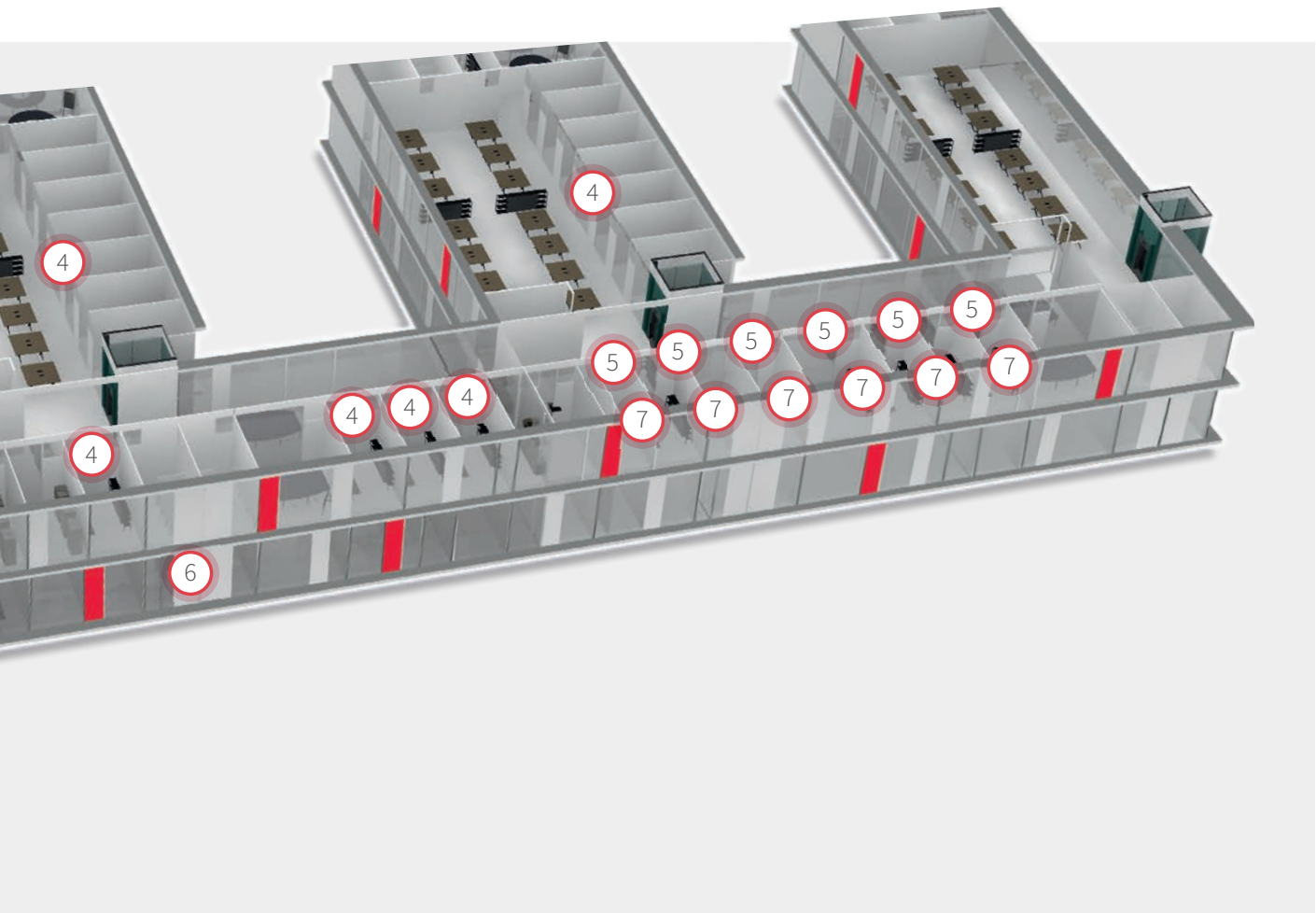
ENiQ® / ELS® Pro Digital knob cylinder
(e.g. access to security-related areas)

ENiQ® / ELS® Guard
digital fitting reader
(e.g. organisation office access)

ENiQ® / ELS® software
(management software for digital locking systems)

Tip:
The DOM padlock can also
be integrated in the locking system.

System families

DOM SICHERHEITSTECHNIK OFFERS CUSTOMISED SOLUTIONS FOR ALL INDUSTRIES

Your home, public buildings, residential buildings, schools, hospitals, sports facilities, hotels, industrial and administration buildings, museums and airports all need customised security solutions that have to meet maximum protection requirements.

In addition, flexibility and ease of use are also important factors for ensuring their long-term economic cost-efficiency. The solution is digital locking systems from DOM Sicherheitstechnik.

WHEN SHOULD MY CHOICE BE ELS AND WHEN SHOULD IT BE ENIQ?

TECHNOLOGY

Basically, both DOM system families ELS® and ENiQ® use 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 reader (e.g. ENiQ/ELS Pro, Guard, ACM). 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.

ELS® and ENiQ® are distinguished by the frequency used for the RFID technology. ELS® uses 125 kHz and ENiQ® 13.56 MHz and is based on the non-contact smart card technology "Mifare". With the 125 kHz frequency, the magnetic field is generally less prone to interference (e.g. metallic environment). This means it makes communication possible up to a few centimetres between the locking medium and terminal. On account of the higher frequency, the magnetic field of ENiQ® makes the transfer of more data per second possible than with ELS.

FUNCTIONALITY, ORGANISATION AND SECURITY

Both system families offer a high degree of functionality and security. ELS® and ENiQ® offer you numerous functions for optimum management of your system. The functions can be imported and used via special cards or a software. The portfolio for both system families ranges far beyond standard functions in the access area.

The ENiQ® world offers major potential for future functionality developments such as e.g. ENiQ® EasyFlex or combination with NFC and BLE.

The system family ELS® offers you two desktop software solutions with the ELS® software and the ELS®mobile software. You can use these to map simple to complex systems on a familiar and intuitive user interface with the usual design. Client-server systems can be mapped easily.

The ENiQ® system family offers you a web-based and state-of-the-art software with an extensive functional scope. This solution allows simple to complex systems, both centralised and decentralised, be controlled with outstanding ease. The web-based solution makes it possible to open the software in a browser and usually makes the installation of software components on the individual clients (user computers/laptops) superfluous.

In terms of security, it depends on a wide range of different components. Both system families offer different transponder technologies with high organisation potential and low security level to high organisational potential and high security level (ELS®, Hitag 1,2, S / ENiQ® Mifare Classic, Mifare Desfire EV1/EV2). With the Desfire EV2 (ENiQ® system family) Mifare is currently providing a very high transponder security standard on the market.

The decision in favour of transponder technology is closely related to your system requirements. Is the focus on management and organisation of your system or do assets need special protection, or are both scenarios applicable? No matter which transponder technology you choose, DOM provides double security.

In addition to the security standards in the transponders, DOM has deve-

System families

loped a particularly secure encryption technology (end-to-end encryption – E2EE) for the system families. 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.

EXISTING OR NEW SYSTEM
Another important point for the decision-making process: do you already have a system or is a new system being installed? Are there other digital systems in your building? If you have already equipped part of an existing system with a digital locking system, it is much more cost-efficient to remain with the same system for the expansion and to be able to continue to use all the locking media that already exist in the system. If you are installing a new system, this factor is irrelevant for you. You can plan freely and start "from scratch".
You should also take other digital systems into consideration. Do you use a cash desk system or a burglar alarm, for example? If so, the frequency used by the other digital systems should be

checked. The same transponders might also be able to be used for your new or supplementary locking system.
DOM offers a service to check your existing transponders and test your transponders for compatibility and sufficient memory space.

COMPATIBILITY
If your locking media are not compatible with the system families ELS® or ENiQ® – no problem. Using the locking media known as combined transponders, you can house two different transponder coils in one transponder housing. This allows your ENiQ® 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 outer 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 leave you almost completely free to link your system with other systems – you are now spoilt for choice.

System families

Smart Home

ENiQ® EasyFlex

RFID technology	Mifare 13,56 MHz
Knob cylinder	ENiQ® Pro V2
Wall reader/control	ENiQ®AccessManager V2
Fitting reader	ENiQ® Guard ENiQ® Guardian S
Furniture lock	ENiQ® LoQ
Software	Programming by card system (no software management)

DOM tapkey

RFID technology	Mifare 13,56 MHz
Knob cylinder	DOM Tapkey Pro V2
Wall reader/control	DOM Tapkey AccessManager
Fitting reader	DOM Tapkey Guard DOM Tapkey Guardian S
Furniture lock	DOM Tapkey LoQ
Software	Tapkey App

Small & Professional Business

ENiQ®

RFID technology	Mifare 13,56 MHz
DOM system family	ENiQ®
Knob cylinder	ENiQ® Pro V2
Wall reader/control	ENiQ® AccessManager V2 ENiQ® ACM Terminal V2 ENiQ® ACM ITT V2 ENiQ® Module Reader V2 ENiQ® Module Reader Terminal V2
Fitting reader	ENiQ® Guard ENiQ® Guardian S
Furniture lock	ENiQ® LoQ
Software	ENiQ® App ENiQ® Access Management Software

ELS®

RFID technology	Hitag 125 kHz
DOM system family	ELS®
Knob cylinder	ELS® Pro
Wall reader/control	ELS® AccessManager V8 ELS® ACM Terminal V8 ELS® ACM ITT V8
Fitting reader	ELS® Guard ELS® Guardian S
Software	ELS® Software ELS®mobile Software

Programming

## ONE MANAGING SYSTEM FOR ALL YOUR ACCESS POINTS

Assigning and changing access authorisations, creating user groups, vie-
wing events – all this is easy to do thanks to the efficient user interface for
your digital products ENiQ®/ELS® Pro, Guardian, Guardian S, ACM, ACM
terminal and ACM ITT. With the "AccessManager" wall reader, for exam-
ple, which can open a garage door, an electronic lock or an automated
door, or also with a Guardian or Guardian S, a digital door fitting with
tried-and-tested security and high quality.
YOUR BUILDING "UNDER CONTROL" IN THREE

VARIANTS

Using card programming, the app or software that you can operate con-
veniently using your PC/laptop, you can manage all of your devices in
the doors of your building.

A model of diversity.

| Offline (conventional) | Online | Intelligent (Data on Card) |
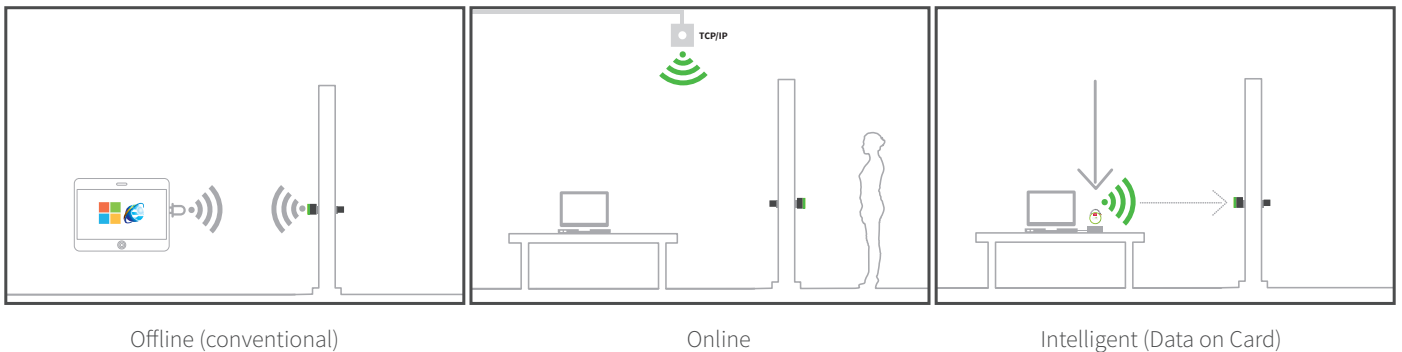
Controlling access

OFFLINE
Our devices are managed in a decentralised way in an offline system by
means of special cards (e.g. the programming card) or a software soluti-
on with a mobile terminal, USB wireless stick and/or IR stick.

ONLINE ACCESS CONTROL
Our devices are connected to the server in an online system via RF Net
Manager (communication module) and TCP/IP connections.

INTELLIGENT (DATA ON CARD)
In an intelligent application, the transponders transfer their own stored
authorisation data to the terminals. Blocked transponders are managed
in a blacklist and are transmitted to the terminals via the other transpon-
ders. Intelligent systems can be combined with both offline and online
systems.

Operating modes
offline / online / intelligent

Our operating modes present different possibilities for managing your user rights and operating your DOM products.
User authorisations are either in the terminal or on the locking media (transponder, ISO cheque card transponder, smartphone etc.). 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:

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 connection of the master card (highest-level administration card and proof of ownership in the system) and/or with an app/software terminal
- Initial initialisation of an electronic cylinder
- Creation of up to 5 programming cards
- 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.

OPERATING MODE CARD PROGRAMMING – OFFLINE:

You have two different cards available for offline 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 than be authorised at the terminals using the master card.

The master card:

This is principally used to assign the terminals to your system. It can be used to create up to 5 programming cards at the terminals and to establish the assignment of the software to the system. Since the master card is also the only card which can be used to remove terminals from your system again, delete all user data (incl. programming cards) and represents your proof of ownership, 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. If a locking medium should get lost, all you can do is delete all the locking media authorised at the terminal. Then the ones to be reused must be authorised again.
The mode of operation offline card programming works with all standard ELS® (125 kHz) and 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
- ISO cheque card transponders or tags
- ENiQ® / ELS® product

Card programming - offline
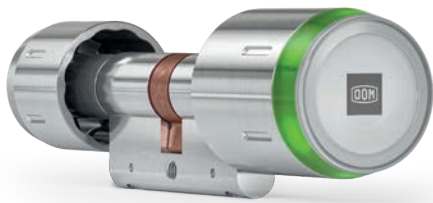
Card programming – offline with **ENiQ**® EasyFlex

This mode of operation extends offline card programming. In the EasyFlex system, however, every locking medium has a counterpart, the so-called 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, as described in the above mode of operation. In addition, a transponder management card can

be used to check the authorisation status of the transponder at the terminal (authorised "green flashing" or not authorised "red flashing"). Opening the device with the transponder management card is not possible.

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, ENiQ® Guardian, ENiQ® Guardian S and ENiQ® Access-Manager.

YOUR ADVANTAGES

- High security
- Simple installation
- Can be expanded at any time by further ENiQ® EasyFlex booklets
- If a transponder is lost, this is deactivated 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 resetting of the corresponding terminals necessary
- Authorisation/deletion of transponders without physical presence of the transponder

YOU NEED

- ENiQ® EasyFlex box/booklet
- Master card
- Torx TX 6
- Tool knob
- ENiQ® product

Card programming – offline with **ENiQ**® EasyFlex
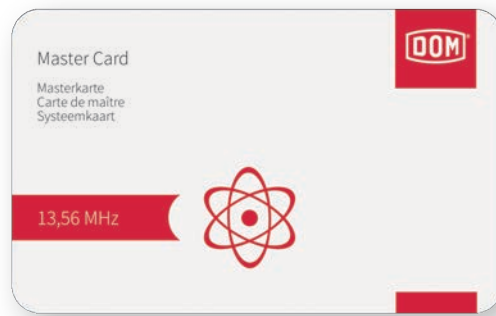
ENiQ® App

With the new ENiQ app you can manage your digital DOM locking cylinders, fittings, wall readers, funiture 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 also furnish your DOM locking devices with the latest access authorisations just as quickly via NFC or BLE. With the facility of the update function of ENiQ EasyFlex to the ENiQ app and on to ENiQ® Access Management Software, you are future-proof for the growth of your property.

YOUR ADVANTAGES AND WHAT YOU NEED:
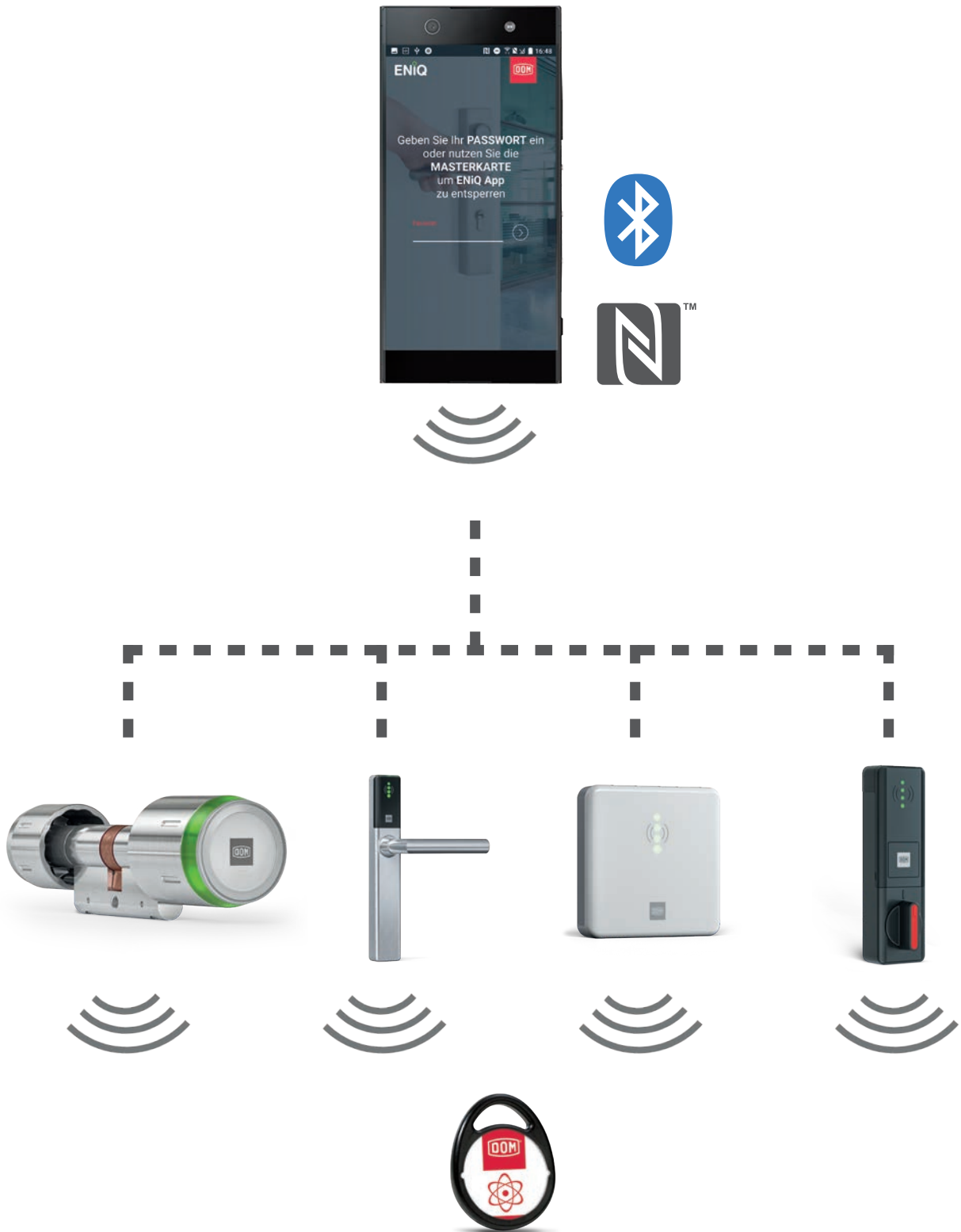
- Intuitive handling and user guidance
- Simple overview of all system components
- VdS ** certification according to VdS-3169-1:2016-02 guideline
- Back-up function
- Straightforward upgrade of your ENiQ EasyFlex system possible

YOU NEED

- Android smartphone ≥ 5.0 with NFC function
- ENiQ® master card
- ISO cheque card transponder or tag
- ENiQ® product
- ENiQ® App

ENiQ® App

Software programming - offline

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 terminals. When the locking medium is presented, these are then compared with the UID and the data of the locking medium concerned by the terminals. With the aid e. a laptop running the software and a wireless stick (ELS only) or a USB BLE stick (ENiQ®), terminal after terminal is then programmed from a maximum distance of three metres and has e.g. locking media authorisations transmitted to it. The locking media themselves are read into the software via a so-called desktop reader.

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

The operating mode offline software programming with all standard ELS® (125 kHz) and ENiQ® (Mifare 13.56 MHz) products from DOM.

YOUR ADVANTAGES

- Individual assignment of authorisations
- Time-restricted authorisations
- Traceability of access events
- Not necessary to replace the locking system if a transponder gets lost
- Compatibility with other systems (billing systems etc.) through combined transponders

YOU NEED

- Standard laptop or netbook (Windows)
- ISO cheque card transponders or tags
- ENiQ® / ELS® product
- ENiQ AccessManagement software / ELS software and/or ELS mobile software
- Desktop reader
- ELS® wireless USB stick
- ENiQ® wireless USB BLE stick

OFFLINE

Software programming - offline

19

Software programming - online

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

OPERATING MODE SOFTWARE PROGRAMMING – ONLINE:

As with offline software programming, the use of a software offers many additional functions for more efficient system use. Now, however, you can program the terminals conveniently without leaving your office. Our digital cylinders and fittings are programmed with the aid of a so-called RF NetManager. The RF NetManager is connected to your software via the Ethernet and transmits the received data by radio (868MHz / 2.4GHz (BLE - V2 devices)) to the terminals. Our wall readers are connected directly with the Ethernet and thus with the software. The changes you make to the software are then transmitted extremely quickly to the terminals. In addition, the terminals transmit any events which have happened, e. presentation of a transponder, to the software with time and date. The locking media are read into the software via a desktop reader.

The operating mode online software programming works with all standard ENiQ® (Mifare 13.56 MHz) and ELS® (125 kHz) products from DOM.


YOUR ADVANTAGES

- Fast implementation of changes in the authorisation structure
- Use of technologies which have a global standard (Ethernet)
- Week plans (ENiQ®) or time zones (ELS) allow time-restricted authorisations
- All access events are stored in the database connected online
- Events such as alarm messages can be forwarded directly to other systems (burglar alarms, CCTV etc.)
- Mixed operation with offline terminals or intelligent terminals 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 (Windows)
- Ethernet network (TCP/IP)
- ISO cheque card transponders or tags
- ENiQ® / ELS® product
- ENiQ®/ELS® RF NetManager
- ENiQ® AccessManagement software/ELS® software/ ELS®mobile software
- Online licence, client-server licence if necessary
- Desktop reader

Software programming - online

ETHERNET

RF NetManager

AccessManager
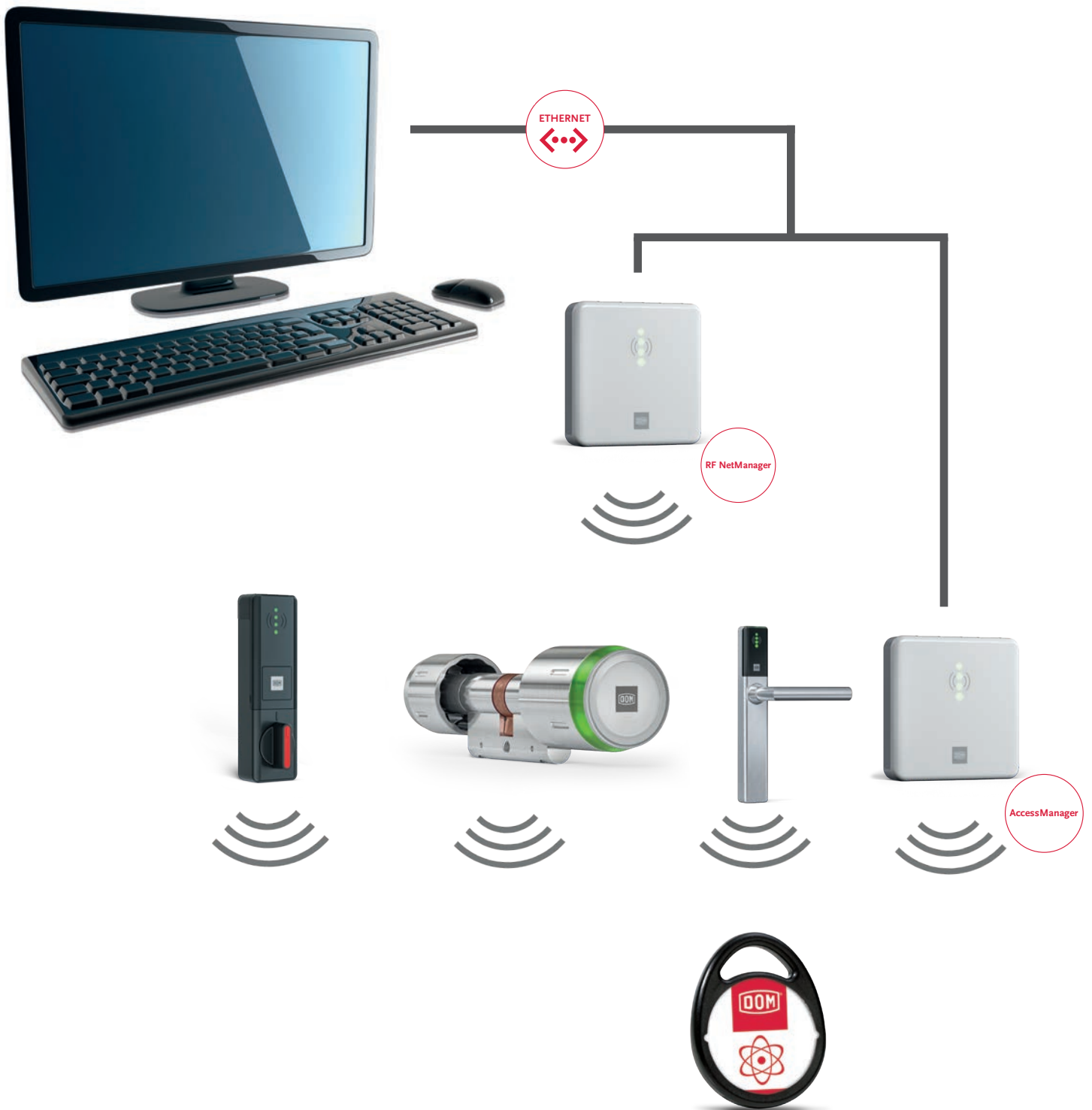
Software programming - intelligent

The intelligent operating mode, also known as Data on Card, is the special case among our operating modes. The special thing about it is that the authorisations are not saved in the terminals but rather on the locking media. This makes convenient central management possible, as well as decentralised refreshing of transponder validity and loading of changed authorisations by users at so-called terminals.

OPERATING MODE SOFTWARE PROGRAMMING – INTELLIGENT:

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. So-called locking media groups can also be formed. This is extremely convenient if a large number of locking media has to be created with the same or similar authorisations. The locking media can now simply be assigned to these locking media groups and automatically adopt the authorisations of their respective locking media group. Extensions of validity for transponders 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 va-

lidity extension once a day at a so-called terminal, for example. If changes in authorisation are required, a so-called AccessManager or ITT can be used. In addition to extending validity, the AccessManager ITT can also transmit changes in authorisation.

The operating mode intelligent software programming can also be combined with the modes offline and online software programming, for example. In such a system, all accesses to a building are programmed offline or online. The inside areas are operated intelligently. The advantage of this is that if a locking medium is lost, for example, only all the terminals of the outer shell (accesses to the building from the outside) need to be re-programmed. The thief or finder can now no longer enter the building. Unauthorised locking media for the intelligent area are placed on a so-called blacklist which is written onto all locking media when the extension of validity is loaded. In turn, the locking media bring the blacklist to all terminals so that the blocked transponders no longer work in the intelligent areas either.

The operating mode intelligent software programming works with all standard ENiQ® (Mifare 13.56 MHz) and ELS® (125 kHz) products from DOM as well as with the AccessManager terminal and the AccessManager ITT.

YOUR ADVANTAGES

- Central programming – 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 for lost locking media
- Users can collect their changes in authorisation and validity extensions locally

YOU NEED (IN MOST CASES)

- Standard laptop or netbook, server (Windows) if necessary
- ISO cheque card transponders or tags (ELS® only possible with Hitag S)
- ENiQ® / ELS® product
- ENiQ® AccessManagement software/ELS® software/ ELS®mobile software
- Desktop reader
- Intelligent licence, online licence if necessary, client-server licence if necessary

Software programming - intelligent

Tischleser /
Terminal /
ITT

we **dom**ore for security

MIA MUSTERMANN
012345

AccessManager
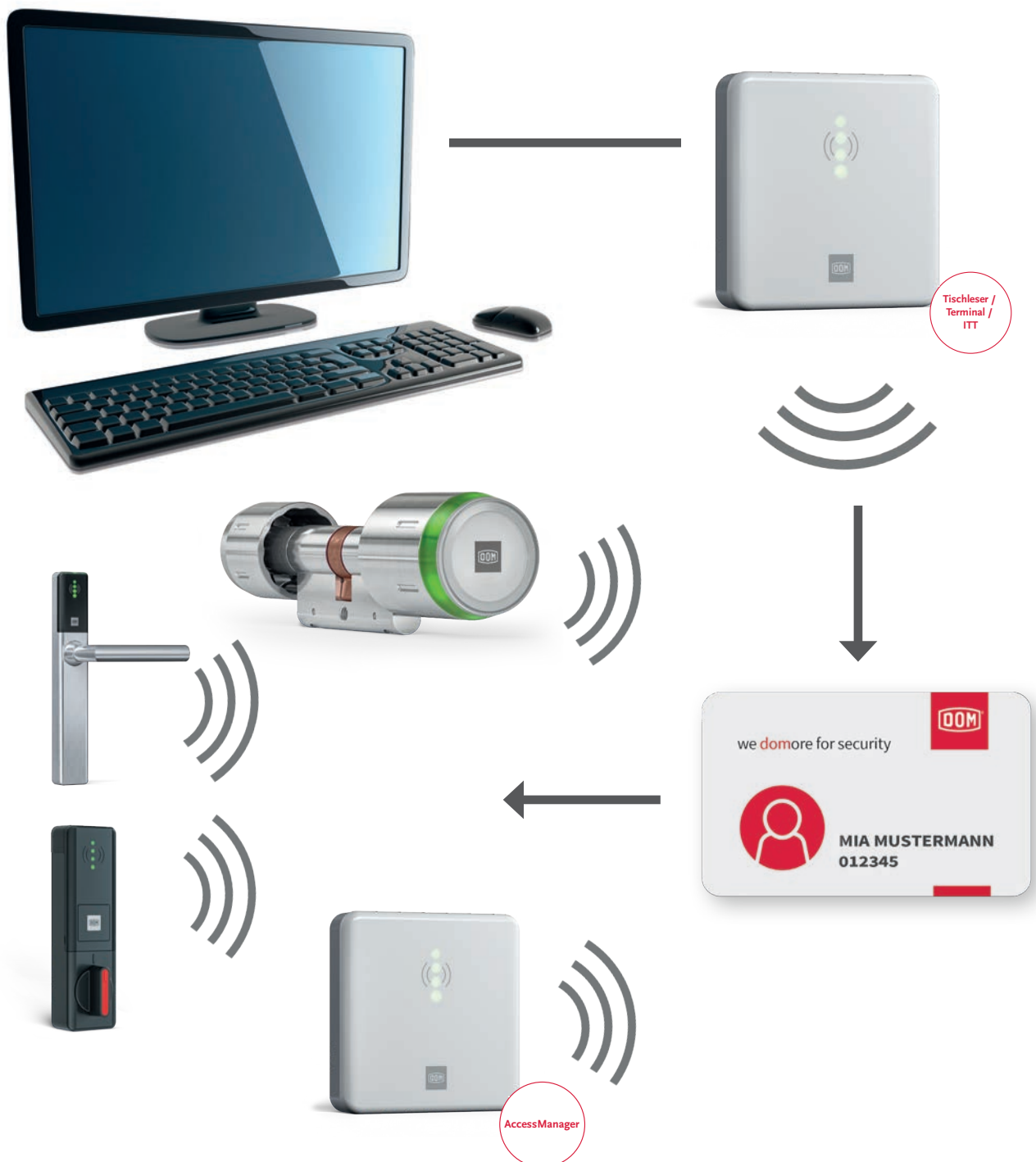
DOM Tapkey
Easy Mobile Access - intelligent

With the innovative DOM Tapkey hardware products and the Tapkey app, you can control a system and open terminals via your smartphone. Our DOM Tapkey Easy Mobile Access System is based on NFC and BLE technology and an intelligent (Data on Card) operating mode. You can add and manage users in the Tapkey app. For each user you can register a transponder or smartphone as locking medium. You have the option of selecting between transponders and smartphones. You can program locking media using your Admin account and a compatible NFC-capable smartphone. 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 / Tapkey ID (for non-Google users) for identification. The Admin can simply add the Google ID / Tapkey ID of the person to be authorised to the terminal 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 / Tapkey ID. The authorisation is then transferred to the smartphone via the internet. Authorizations can be restricted in terms of start and expiry with date and time. Recurring intervals / weekday-dependent authorizations are also possible. All the authorisations are listed in the locking media and are transferred to the terminals, and the negative (withdrawn) authorisations are saved there in the form of a blacklist. 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 terminal using any smartphone authorised at the device.

The operating mode Easy Mobile Access only works with the DOM Tapkey products DOM Tapkey Pro, DOM Tapkey Guard and DOM Tapkey Guardian S.

YOUR ADVANTAGES

- Virtual, personal keyring for all your digital keys
- Simple and secure download
- Use of the highly secure Google ID or Tapkey 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 device is damaged or stolen, simply deactivate the device or the ID via Google or your Tapkey account
- Writing authorizations on the transponder with a compatible NFC-capable smartphone (iOS or Android)
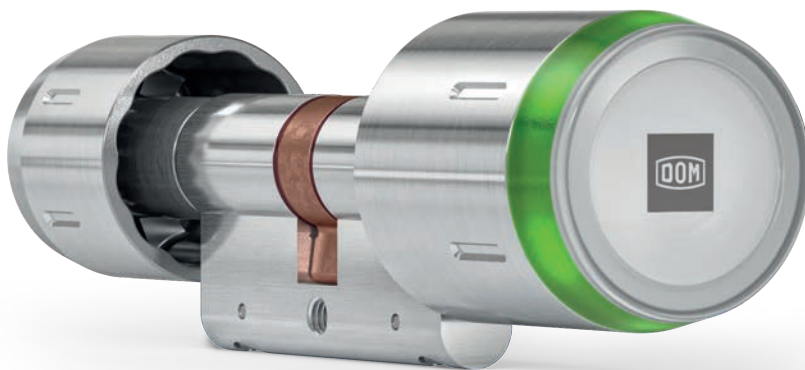
YOU NEED

- Smartphone Android or iOS
- Tag if necessary
- Tapkey app
- DOM Tapkey product

DOM Tapkey
Easy Mobile Access - intelligent
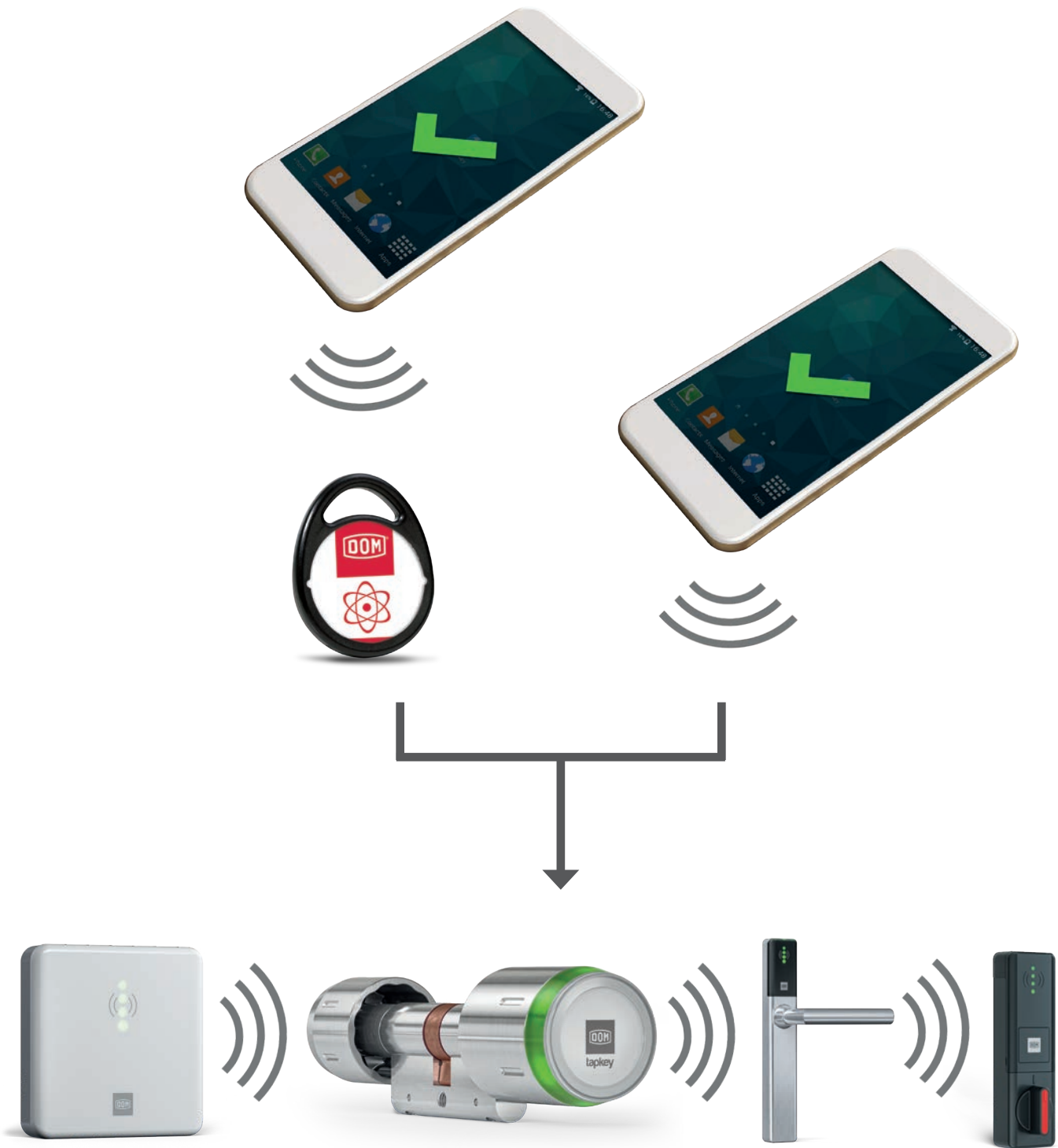
ENiQ® Pro V2 / ELS® Pro

Technical all-rounder: the digital locking cylinders ENiQ® Pro V2 / ELS® Pro combine all the functions and designs of a smart access control system as standard, are extremely straightforward to install and look good too.

ENiQ® PRO V2 / ELS® PRO
OPENS UP A NEW WORLD TO YOU

The new digital locking cylinders ENiQ® Pro V2 / ELS® Pro open up a whole new dimension of access organisation for you – flexibility in access management is one of the decisive advantages of the system. There have been some changes within your organisation? Then ENiQ® Pro V2 / ELS® Pro adapt to your requirements. The digital knob cylinders can be installed as an access system in almost all doors – two reliable and secure products with top quality that provide you with convenient access to all your rooms.

ALL OPTIONS ARE STANDARD

As standard, every DOM Pro cylinder is:

- splashwater-proof in accordance with protection class IP 65
- fire-resistant in accordance with protection class T90
- online on board
- length adjustable through "plug & play"
- EN 15684 certified and achieves the maximum possible classification key for this standard
- VdS BZ+ tested (Euro-profile cylinder)
- SKG *** certified (Euro-profile cylinder) and has:
- the office function (individually defined function for permanent opening of an office / business at e.g. the daily opening times)

- ENiQ® Pro V2 with BLE interface
- ELS® Pro with 868 MHz radio interface

Finishes

NO END OF INSPIRATION

To do justice to your individual wishes and requirements, the ENiQ® (ELS® 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:

- ENiQ®Pro V2/ELS® 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 through revolutionary coupling
- Safe investment thanks to simple reprogramming/deletion of lost transponders
- Simple installation without cabling
- 12 versions
- 4 profiles (Euro-profile, Swiss round profile, Scandinavian oval and round profile)

12 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

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 matched to 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 for e. g. container boxes

ENiQ®Pro EE V2/ ELS® Pro EE

The Emergency Exit versions of the ENiQ® /ELS® 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.
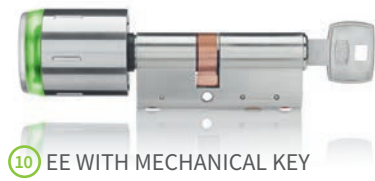The ENiQ®/ ELS® Pro EE is available in three versions:

8 EE WITH INSIDE KNOB

9 EE WITHOUT INSIDE KNOB

10 EE WITH MECHANICAL KEY ON THE INSIDE

LEVER CYLINDER
suitable for e.g. letter boxes

Plug & play – flexibility

PLUG & PLAY

You are unique, and so are our system families ENiQ® and ELS®. And you will notice this even during installation. Existing cylinder out, ENiQ® Pro V2 or ELS® Pro 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.

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.

ENIQ® Guard/ELS® Guard

We'd like you to meet the Guard – proving you can be tough and durable, without foregoing a clean and classy design. Our digital door handles safely secure any interior door you place them on, and look good while doing it.

All different models of the Guard share the same DNA, have a clear family resemblance, and can be further customized with different handles, ensuring they match your interior design. The Guard can handle any task you throw at it.

Handle types

HANDLE MITRE
Cranked

HANDLE MITRE
L-shape

HANDLE MITRE
U-shape

HANDLE ROUNDED
Cranked

HANDLE ROUNDED
L-shape

HANDLE ROUNDED
U-shape

APPLICATIONS

- Offices and administrative buildings.
- Hospitals, clinics and retirement homes.
- Banks and hotels.
- Public spaces, such as shopping malls and restaurants.
- Schools, and universities.

RELIABLE

- Long product lifecycle: minimum of 200,000 door opening activations.
- Class 4 certification in preparation (in accordance with EN1906 & prEN 16867).
- Full compatibility list with existing panic locks for Emergency Exits.

The Slim- and Wideline variants

The perfect handle for every door and situation.

The Slimline is a stylish solution that perfectly matches and enhances the look of modern interiors. It's suitable for both new and existing doors, including tubular frame doors with small backsets.

When replacing your existing fittings for digital handles, the Guard Wideline allows you to save time and money. With its generously proportioned frame, it easily masks any damage

or signs of use from previously placed locks. Despite its 56mm wide cover, almost no new drilling holes are needed.

The Guard Compact is suitable for existing doors with round or oval rosettes. It's available in both a Slimline and Wideline variant, and models with a rosette can always be overruled with a mechanical key.

GUARD SLIMLINE
Without opening
for profile cylinders

GUARD SLIMLINE
With opening for
profile cylinders

**GUARD SLIMLINE
COMPACT**

**GUARD SLIMLINE
COMPACT**
With outside rosette
and opening for
profile cylinders

GUARD WIDELINE
Without opening
for profile cylinders

GUARD WIDELINE
With opening for
profile cylinders

**GUARD WIDELINE
COMPACT**

**GUARD WIDELINE
COMPACT**
With outside rosette
and opening for
profile cylinders

YOUR ADVANTAGES

■ **DESIGN**
Compliment any interior design with the Guard's clean and classy looks. Multicolour informational LED lighting combined with the choice of several high quality stainless steel design handles ensure the Guard always is a true eyecatcher.

■ **CAREFREE**
Thanks to the long stand-by time and large number of locking cycles per battery, maintaining the Guard is a carefree experience.

Changing the battery is done in a matter of seconds, and emergency openings are a thing of the past.

■ **BUILT TO LAST**
Our digital door handles are built to last. Robust and strong, the Guard can endure in any environment, boasting the highest utility class (Class 4 certification in preparation in accordance with EN 1906 / prEN 16867).

■ **TROUBLE-FREE**
Mounting the Guard is an

effortless endeavour, requiring little to no preparation.

■ **SUITABLE FOR ANY DOOR**
The Guard is easily fitted on any door thanks to flexible screw connection points, including fire- and smoke protection doors, and emergency exits (T90 in preparation/EN179/EN1125). Compatible with retrofit doors and all European interaxis dimensions, and can be overruled with a mechanical key when needed.

ENiQ® LoQ
One lock fits all.

Unlock our trademark ENiQ Security Ecosystem functionality and connectivity for any object you want. Connect anything and everything with a lock – like a locker, tool chest, or a cabinet – to one easy-to-use universal system, with the ENiQ LoQ!

In terms of form and function, the ENiQ LoQ is small, versatile, and flexible – it fits almost anything made to open and close. But don't let its modest size fool you. The ENiQ LoQ is just as smart and connected as its bigger brother, the ENiQ Pro digital cylinder, bringing the same level of control and features to even the smallest assets.

Connecting lockers or cabinets to your ENiQ Access Management system comes with many benefits. By simply tapping your transponder to a lock, on a door or a personal locker for instance, you get access to both the correct areas and your safely stored valuables using a single device.

We mean business when we say you can secure anything and everything!

YOUR ADVANTAGES

- **PLUG & PLAY**
  The ENiQ LoQ feels at home in a wide variety of panels, regardless of thickness and material.

- **NEVER STOP LEARNING**
  Review usage history for useful insights, compliant with current privacy policies.

- **SAFETY IN NUMBERS**
  If it's worth securing, it's worth incorporating into your ENiQ Ecosystem; enjoy full connectivity and make any asset part of the ENiQ family.

- **EASE OF USE**
  The standard AAA batteries can easily be accessed and replaced.

- **YOUR LOCK, YOUR CHOICE**
  Easily installed at any angle, with 1-point locking by cam.

- **FOOLPROOF INTERFACE**
  A clean and simple interface makes using and configuring our locks a breeze.

Install your LoQ how you want, where you want.

The ENiQ LoQ is based on what we call a cam cylinder, a commonly used technology for lockers, letterboxes, and steel or wooden cabinets. The lock is equipped with a cam on the back of the device, which turns 90 degrees when operating the knob. As it is available with many different type of cams, it fits in practically any cabinet.

ClipTag   Tag   Card

Functional design

Small knob   Round knob

Visual recognition

Red   Blue   Yellow   Green

Pink   Black   White

ENIQ® AccessManager / ELS® AccessManager

AREAS OF APPLICATION

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

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

ENIQ®/ELS® ACCESSMANAGER

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

Depending on your individual needs, the ENiQ®/ELS® AccessManager is available in three different versions. The Compact variant, consisting of a reading and control unit in a single device, is the simple access control start-up. As the HiSec variant, the control unit is available with reader in one device and up to three further passive readers (external).

ENIQ® / ELS® ACCESSMANAGER – ONLINE MANAGEMENT

The AccessManager has an OnBoard Ethernet interface, so that an online connection is possible at any time without additional components.

Version 1:
Compact

Version 2:
HiSec

Version 3:
HiSec with up to 3 additional readers

YOUR ADVANTAGES

- Convenient programming with cards, app or software
- Potential-free inputs and outputs
- Network-capable
- The ENiQ®/ELS® AccessManager has the ability to adapt to the door situation and actuators. For this purpose, only one special function has to be activated.
- Ring buffer for access events
- Available in 3 colours: black, white, grey

ENiQ®/ ELS® AccessManager Terminal and AccessManager ITT

(Terminal / Intelligent Transponder Terminal)

AccessManager ITT and AccessManager Terminal

PICK UP YOUR AUTHORISATIONS - ANY MOMENT ANY TIME

The ENiQ® / ELS® ITT can write data on your card or transponder, any moment, any time. Simply hold it against the reader and your done! Instantly you have access. Ensure you are connected to an Ethernet to take advantage of the ENiQ® / ELS® access management software.

The ENiQ® / ELS® AccessManager Terminal allows you to refresh your authorisations for the next 24 hours, upon entering the building.

YOUR ADVANTAGES

All the benefits of the ENiQ AccessManager, plus:

- Save time and money. No service personnel required to maintain the system or update devices and employees do not have to go to the human resources department for access privileges.
- By using Data on Card, you are now able to rise your security by shortening the validation time. Now Employees can pick up new access privileges at re-determined intervals.
- With the reader outside your building, your employees can get new validations, but hackers have no chance to attack from outside. With the ITT inside your object, your employees can pick up new access rights or changes locally without going to Human Resources or Facility Management.

Use

DOM's Terminal solutions are perfect in combination with the Data on Card programming method of your DOM Security Ecosystem: it allows you to remotely (re) write access authorisations and privileges on all transponders. Perfect for organisations with multiple locations. It can also play a central role in a tighter security protocol, where employees are required to renew their privileges on a more regular basis; monthly, weekly, daily. More control, more insight, without any extra effort.

ENiQ® Module Reader

With the ENiQ Module Reader you make any existing intercom module, front door communications module or letterbox module an integrated part of your ENiQ Security Ecosystem. This makes systems by other manufacturers, like Siedle or Ritto, compatible with your ENiQ devices, saving you from having to invest in things you already have. With its many design options and small size, the Module Reader always perfectly complements your current setup, while adding all the features of the ENiQ AccessManager.

Color options

- Siedle - white, silver-metallic, black-high gloss, barn stone-metallic, dark grey-metallic, titan-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, titan.
- VOX-IO Touch - black fibre optics.

YOUR ADVANTAGES

All the benefits of the
ENiQ AccessManager, plus:

- Always the right ENiQ compatible reader for your existing module or intercom system.
- Perfect optical integration in your existing module or intercom system of other manufacturers.
- Always with the controller, no extra electronic device is needed.
- Prevent that someone can enter your building when the alarm is activated.

Not seeing your desired colour? No worries, we can provide you with even more colour options. Contact us for details.

ENIQ®/ ELS® RF NetManager

The RF NetManager is a communications module that connects your battery powered devices, like Pro cylinders, to your Ethernet network.
The RF NetManager connects to the devices wirelessly.

YOUR ADVANTAGES

- Simple and low-cost installation.
- Large and fast data capacities.
- Integrate thousands of devices to your system.
- Compatible with standard network components like switches and hubs.
- Future proof networking capabilities.
- Compatible with systems and products of other manufacturers, like alarm systems.
- Wireless change of a battery powered ENiQ® / ELS® device from offline to online.
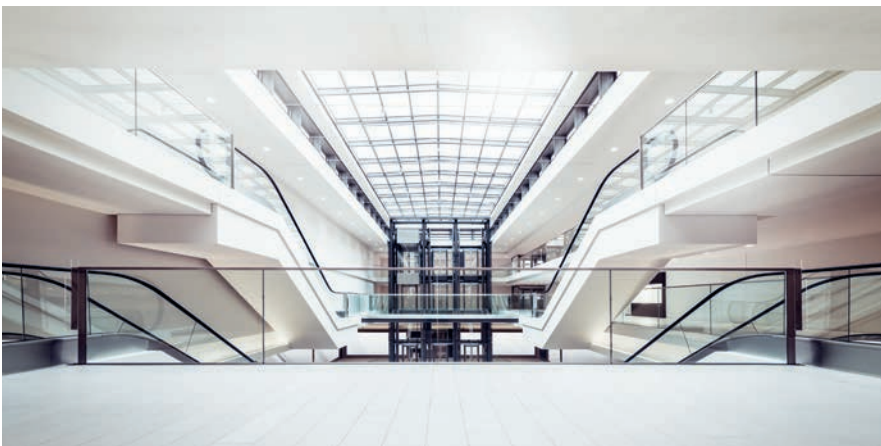
PLC (programmable logic control)

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

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

PLC PERMANENTLY CLOSED WITH FEEDBACK: ENIQ® / ELS® RF NETMANAGER

Sets the terminal e.g. ENiQ® / ELS® 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 ENiQ® / ELS® RF NetManager, which can signal this to an external system via the output relay – feedback.

Application example: in combination with the burglar alarm system, door status monitoring, …

PLC PERMANENTLY OPEN WITH FEEDBACK: ENIQ® / ELS® RF NETMANAGER

Sets the terminal e.g. ENiQ® / ELS® Pro 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 ENiQ® / ELS® RF NetManager, which can signal this to an external system via the output relay – feedback.

Application example: fire alarm system, reception entrance…

## PLC ALARM FUNCTION EVENTS: ENIQ® / ELS® RF NETMANAGER

ENiQ® / ELS® RF NetManager switches its output relay depending on events. ENiQ® / ELS® 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 surveillance (recording of unauthorised attempts at access)

PLC SLUICE: ENIQ® / ELS® ACCESSMANAGER (+ 3 ENIQ® / ELS® PASSIVE READERS)

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

Application example: sluices in hospitals or biological laboratories
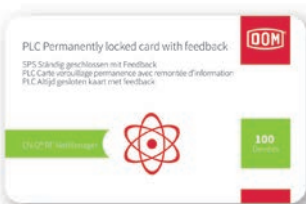
The PLCs can be activated in the devices via software or using our new PLC card for use without software.

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

PLC (programmable logic control)

ENiQ®/ ELS® Transponder

The system families ENiQ® and ELS® can be operated with different transponder types (Hitag, EM and Mifare) and designs. A selection of the most common is presented below. In addition, we can generally find a convincing solution for your individual wishes and requirements too.

1. ENIQ® / ELS® 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 and Hitag-Legic). (125 kHz and 13.56 MHz)
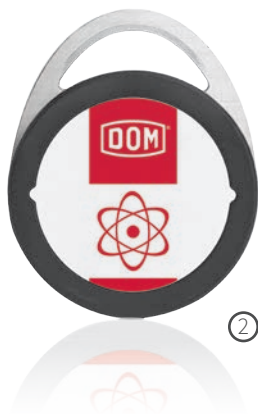
2. ENIQ® PREMIUM PLUS TAG

(13.56 MHz only)

3. ELS® PREMIUM TAG

(125 kHz only)

ENIQ®/ ELS® Transponder

4. ENIQ® / ELS® 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. (125 kHz and 13.56 MHz)

5. ENIQ® / ELS® CLIP TAG

A real DOM innovation. The clip tag combines mechanical locking technology with digital access control. 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. (125 kHz and 13.56 MHz). 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®/ELS® Special and programming cards

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 digital locking systems from DOM. Up to 5 programming cards can be stored per terminal device. 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.

RF WAKE-UP CARD

The RF wake-up card is used to activate the wireless interface in the devices, in order to communicate wirelessly with the terminal device using software. An additional component (e.g. USB radio stick) may be required for wireless communication. This goes easy on the batteries during operation.

RF ONLINE CARD

The RF-Online card is used to establish the connection between RF NetManager and battery powered device.

PERMANENTLY OPEN CARD

The permanently open card is used to set the terminal to the so-called "permanently open mode" and return it to the initial state. When this "permanently open mode" is active, the terminal device can be accessed at any time without authorization check. 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 (ENiQ® ONLY)

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

ENiQ®/ELS® Special and programming cards

PERMANENTLY CLOSED CARD

The permanently closed card is used to set the terminal to the so-called "permanently closed mode" and return it to the initial state. In this mode, the authorisation check is deactivated and 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 activated.

BATTERY REPLACEMENT CARD

With an authorized battery replacement card you confirm on the terminal device that the battery has been replaced. The card must first be authorised on the terminal device using card programming or software.

BATTERY REPLACEMENT CARD SPECIALIST RETAILER (ENIQ® ONLY)

With an authorized battery replacement card for a specialist dealer, you confirm on the terminal device that the battery has been replaced. This card is always authorised and does not need to be applied to the terminal device.

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 so that it can be proved in compliance with the legal requirement.

BUILDING LOCKING CARD (ENIQ® ONLY)

To check the function of devices in the installation situation before a master card or software has been created.

## TRANSPONDER MANAGEMENT CARD (ENIQ® ONLY)

The transponder management card is only available in a ratio of 1:1 with a locking medium. The transponder management card contains the information about the corresponding 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 locking medium. 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.

ENiQ® App

ACCEPTANCE AND MANAGEMENT OF:

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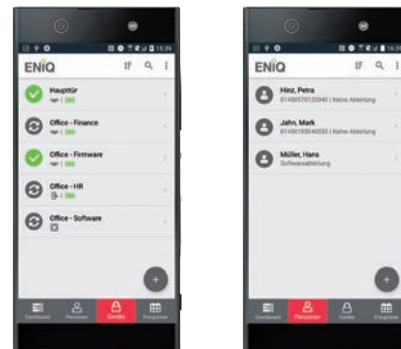
USE

- 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 filter option of your personnel by departments or functions
- Device door opening possible with the admin smartphone
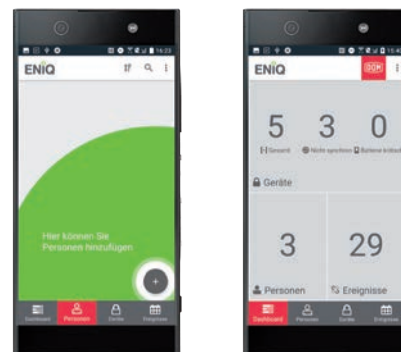
TIME MANAGEMENT

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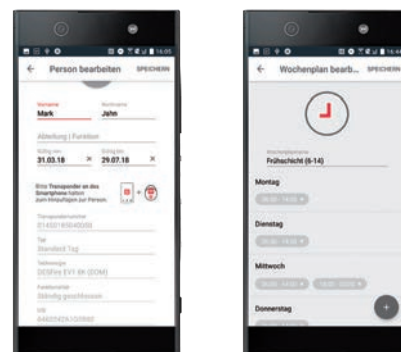
HIGH SECURITY

- Password protection
- First VdS ** certified app according to 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® app on your current smartphone and transfer this to your PC. Then simply transfer the back-up file to your new smartphone.
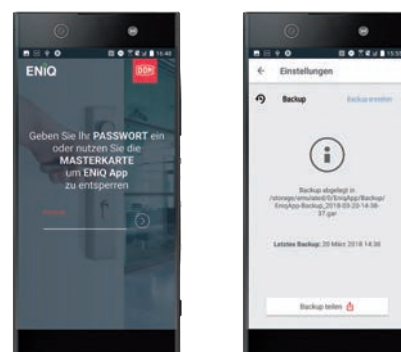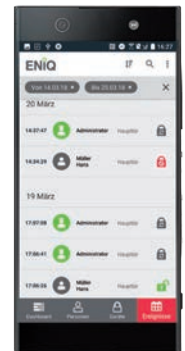
ENiQ® App

FUTURE-PROOF WITH ENiQ®

- Straightforward upgrade of your ENiQ® 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 data from the ENiQ® app to your new ENiQ® Access Management Software
- Simple locking plan export function for a better overview

MAINTENANCE

- The ENiQ® app is an offline application where all of the authorisations created in the app are programmed to the DOM devices via NFC or BLE. The transponders are read in once via the NFC interface of the smartphone and assigned to the corresponding person in the app
- Read out the access events that have occurred at the digital locking cylinder, fitting, wall reader or funiture lock as well as the battery status of the device, directly by smartphone

SYSTEM PREREQUISITES

- The ENiQ® app can run on Android smartphones from version 5.0 with NFC interface
- The ENiQ® app is available from the Google Play Store and can be found by holding the master card in front of the NFC interface of the smartphone or by entering the name "ENiQ® App" in Google Play Store
- The technology for communication with the devices is NFC or BLE.
- The technology for reading the transponders and the master card is NFC.
- You can manage up to 500 persons respectively 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, such as permanently open transponders, permanently closed transponders and the service/maintenance card as well as the battery replacement card (logging of escape and rescue route maintenance) possible. Simple creation of a fire brigade transponder, which is, for example, always and everywhere authorized to access in case of fire.

ENiQ® AccessManagment 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 programming, commissioning, management and operation 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 intelligent operating modes
- Lock plan editor
- Webservice interface

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 PC tablet/laptop/netbook
- 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 set-up and upgrade-capability: functional expansions are possible at any time with additional modules

ENiQ® Access Management Software

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

MODULES REQUIRED FOR THE SOFTWARE OFFLINE OPERATING MODE:

| ENiQ Software Offline Module | = | Offline | + | Transponder-package | + | device package |

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:

| ENiQ Software Offline Module | + | Software Online Module "X" |

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 or directly to the network by Ethernet cable and are thus connected to the software.

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

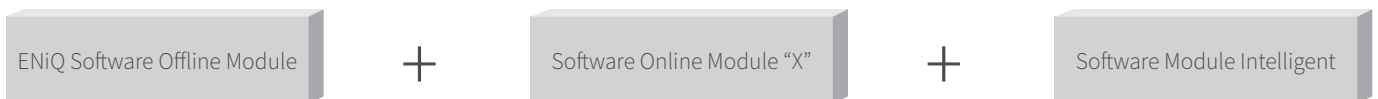| ENiQ Software Offline Module | + | Software Module Intelligent |

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

The software module Intelligent is not size-dependent.

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

| ENiQ Software Offline Module | + | Software Online Module "X" | + | Software Module Intelligent |

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 or directly to the network by Ethernet cable and are thus connected to the software.

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

The software module intelligent records the authorisation on the transponders (data on card).
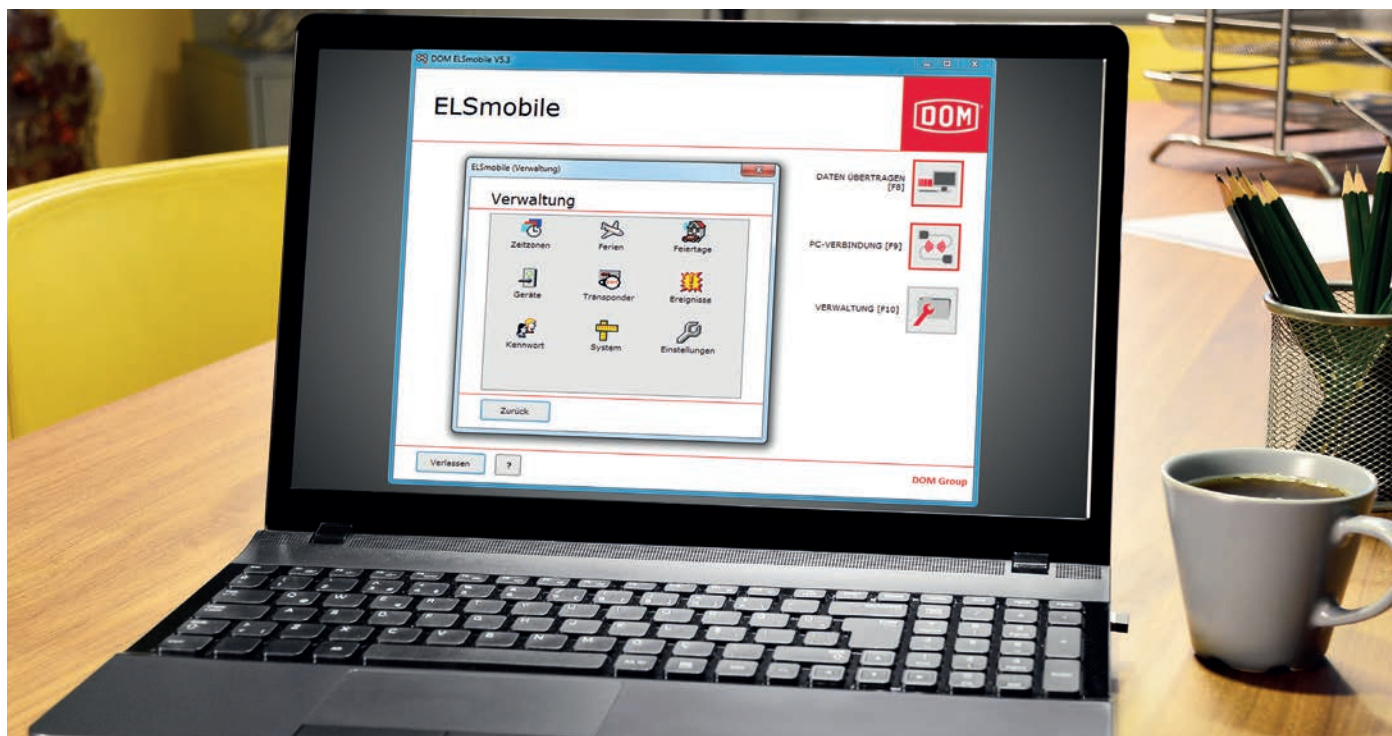
ELS® Software

QUICK AND EASY

The ELS® software is the management platform for the entire ELS® family (125 kHz technology): all terminals such as ELS® Pro, AccessManager and others can be managed and programmed with this. All concepts can be mapped, from the operating mode software-offline through intelligent to online-locking system. The ELS® software also allows mixed operation of these solutions. When there are changes in organisation, the ELS® software grows to meet the requirements. The minimum level starts at up to 25 devices/100 transponders and can be extended to up to 9,500 devices/32,000 transponders.

YOUR ADVANTAGES

- The ELS® software turns your locking system into a digital access control system
- Management of 32 time zones
- Flexible assignment of authorisations for devices and transponders
- Group and area authorisations make management easier
- Locking plan in Excel format
- Time-restricted access authorisation for different people (e.g. cleaning companies, visitors etc.)
- Comprehensive evaluation of access events
- Modular software design

ELS® mobile software

YOUR MOBILE PROGRAMMING TOOL

Convenient programming: current ELS® terminals can be programmed and managed using a standard laptop/netbook and the ELS® mobile software. The laptop/netbook with ELS® mobile software can be used as an independent programming device, but can also fulfil its tasks as a transponder medium between the devices and the PC with ELS® software (client-server solution).

YOUR ADVANTAGES

- Management of up to 3,000 locking media/ID transponders and up to 200 devices when used as a stand-alone solution or in combination with the ELS® software
- Standard laptop/netbook with Windows operating system
- Management of 32 time zones
- Programming of terminals using a separate infrared stick and/or wireless stick
- Stand-alone or as client

ELS® Software & mobile

A MODULAR SYSTEM –
FOR TAILORED SOLUTIONS

The ELS® standard module

Depending on the version (S, M, L, XL) it contains between 25 and 100 transponders and 9,500 devices and 32,000 transponders. Additional configurations by request. The standard module also forms the necessary basis for all other modules.

The ELS® client module

Registration and administration of devices and locking media up to 10 clients.

The ELS® client-server module

A multi-user version is also possible. This allows multiple users to manage the ELS® software simultaneously. Can be configured as required through extensions (clients).

The ELS® online module

Can expand the system to the networked version. The number of transponders and terminals is prescribed by the ELS® standard module.

The ELS® intelligent transponders module

Central programming and management via desktop readers or wall terminals connected via PC. The authorisations are written to the respective transponders.

ELS® mobile software

Use of the ELS® mobile software as a stand-alone solution with up to 200 ELS® devices and 3000 transponders or in combination with the ELS® software.
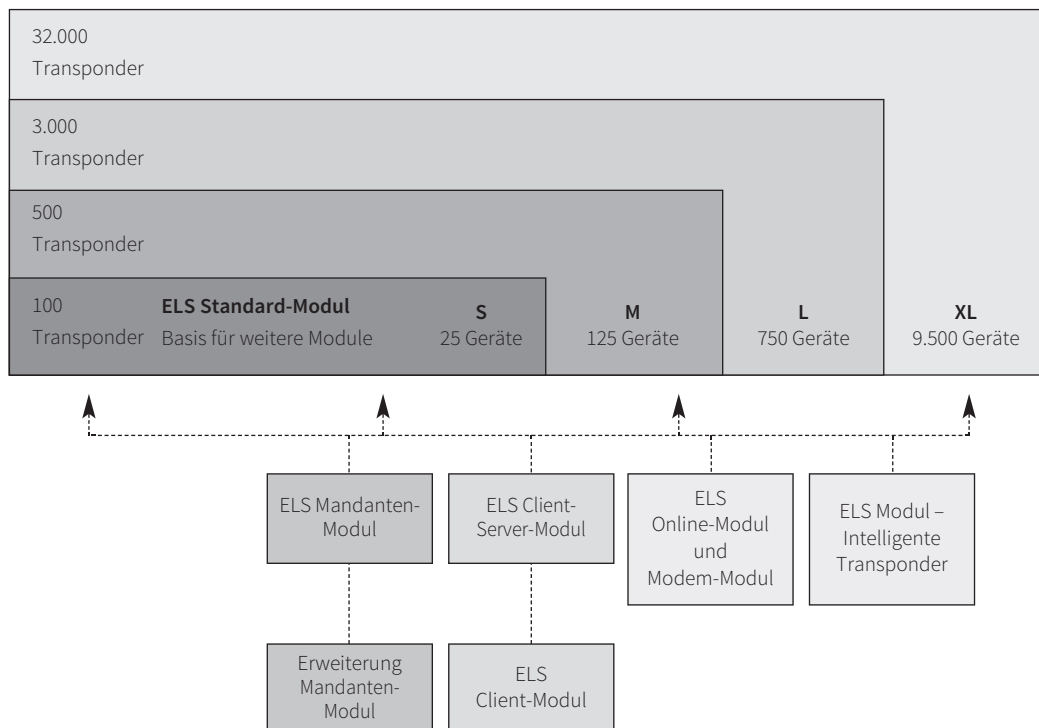
Smart Home

Smart Home

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 makes straightforward and flexible use of the ENiQ® locking devices possible 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, complex replacement of the 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 and 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.).

Smart Home
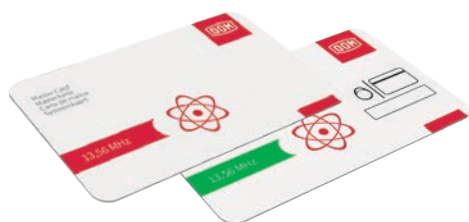
YOUR ADVANTAGES

■ No software or online connection necessary (later conversion to software is possible at any time, however, if you expand your system)

■ Highest protection classes for the cylinder (tested to VdS drilling and pulling protection guidelines+ and SKG***, IP65, E-knobs IP66, T90)

■ 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

■ Illuminated ring for optical signalling

■ ENiQ® EasyFlex also works with an ENiQ® Pro V2, Guard, Guardian S und AccessManager V8

Smart Home

DOM Tapkey
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 door situation.

DOM offers you ha large range of digital cylinders, digital fittings and digital padlocks for an optimum solution to your locking situation. Regardless of whether you want to protect your family, your valuables or your company, we make no compromises with your security. All DOM products are highly secure thanks to the use of special encoding. In addition, the high-quality and powerful mechanism combined with innovative electronic components ensures reliability and a long service life.
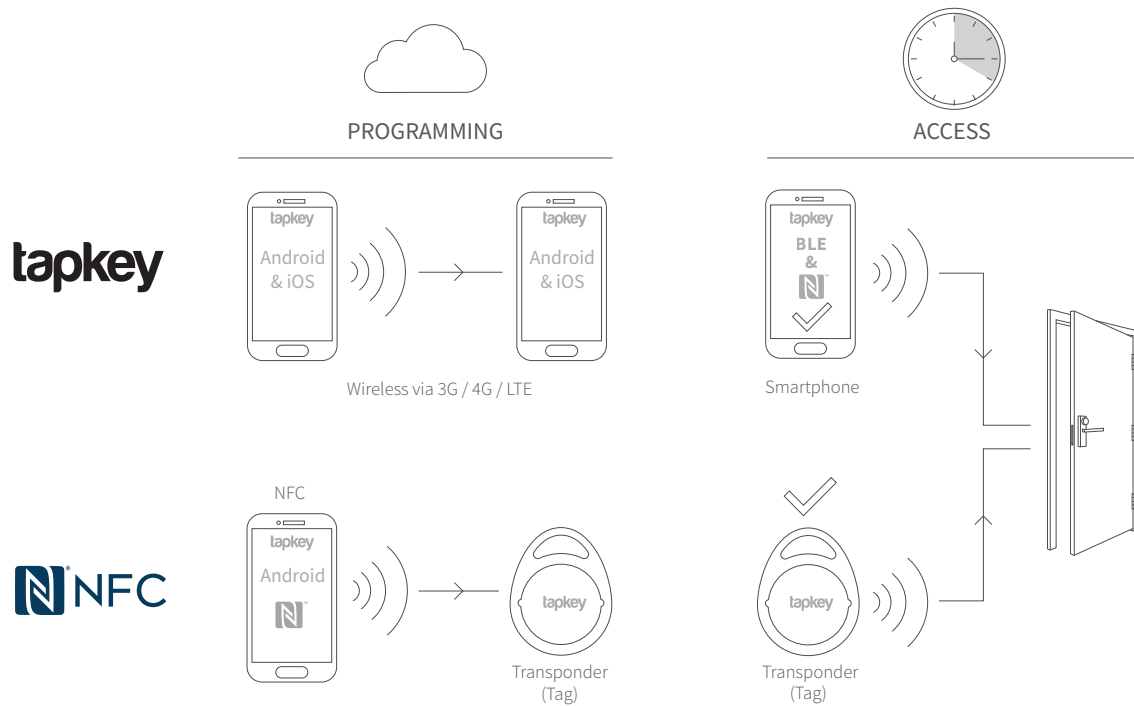
The Tapkey app is simple to use, just like the digital devices. You activate a DOM Tapkey device using your smartphone Android ≥ 5.0 or iOS ≥ 9 via NFC (Near Field Communication) or BLE (Bluetooth Low Energy). The administrator can send authorisations to the smartphones of other users securely and protected by an encrypted Google ID or Tapkey 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 locking device 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 tags with the NFC interface on your smartphone for those who prefer a more conventional type of access.

With the new Tapkey app (version 2.5.8), users can write access rights to their DOM Tapkey transponders by using their iPhones, as well as changing and revoking access rights. Think of it like Apple Pay, but for opening doors. We also enhance the user experience of mobile access with our BLE connection. This update is available now for iPhone 7 (7 and 7+), iPhone 8 (8 and 8+), iPhone X (X, XR, XS), and the newest iPhone 11 series (11 and 11 Pro) running the latest iOS 13.

Smart Home

PROGRAMMING

ACCESS

tapkey

Android & iOS → Android & iOS

Wireless via 3G / 4G / LTE

Smartphone

NFC

NFC

Android → Transponder (Tag)

Transponder (Tag)

DOM Tapkey system

- Manage access authorisations via the app
- Tapkey Smartphone Keys – assign authorisations by 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 users. The number of transponders is not limited in the free version.

- User your existing Google ID (no additional registration necessary for Android devices) or Tapkey ID with individual e-mail address.
- Simple creation of a new Google ID or Tapkey ID account
- Open without internet connection
- Additional use of the DOM Tapkey hardware tags for the keyring
- Program your tag using your Android or iOS smartphone and a compatible NFC interface
- DOM Tapkey locking devices work independently, no further devices have to be installed in or on the door

- For Android (≥ 5.0) or iOS (≥ 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, letter box, car (car sharing), hotel room, car park or to activate your alarm system.
- Open system: use the app and your smartphone on a variety of locking devices from different manufacturers

Specials

EasyKey

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

EasyKey can be adapted to almost every standard mortise lock and offers security and control. EasyKey is simple and convenient to use in door situations with security requirements (such as offices, hospitals, private areas or public buildings).

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	EEPROM: user codes remain saved following battery replacement
Emergency opening function	Emergency opening possible through mechanical cylinder
Signalling with low battery status	Before the last 500 opening processes
Design	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

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 can be connected to an RF NetManager/ENiQ® Pro/ELS® Pro/Guardian.

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 MOTORISED CYLINDER TO FIT ALL YOUR NEEDS:
as a stand-alone product or as 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®/ELS® 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.)
- Compatible with existing mechanical DOM locking systems
- Basic length 30/30 mm, max. 70/70 mm
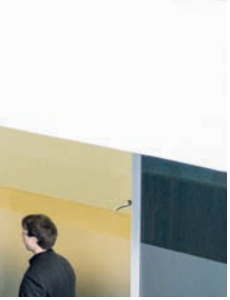
**DOM SICHERHEITSTECHNIK
GMBH & CO.KG**
Wesselinger Straße 10-16
D-50321 Brühl/Cologne
T +49 (0)2232 704 0
E dom@dom-group.eu
www.dom-security.com

DOM-UK LTD.
Unit 12
Cleton Street Business Park
Cleton Street, Tipton DY4 7TR
T +44(0)121 - 5 69 77 90
E sales@dom-uk.co.uk
www.dom-security.co.uk

**DOM SECURITY - EXPORT DEPARTMENT
DOM-METALUX S.A.S.**
47 bis Rue Jeanne d'Arc
52115 SAINT-DIZIER cedex
France
T +33 (0)3 - 25 05 86 30
E export@dom-europe.fr
www.dom-security.com

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