



# DOMConnect

Open Security Standard



# DOMConnect

OPEN SECURITY STANDARD

## We support the Open Security Standards Association

Standards have a positive impact on  
technology from an end user's perspective.

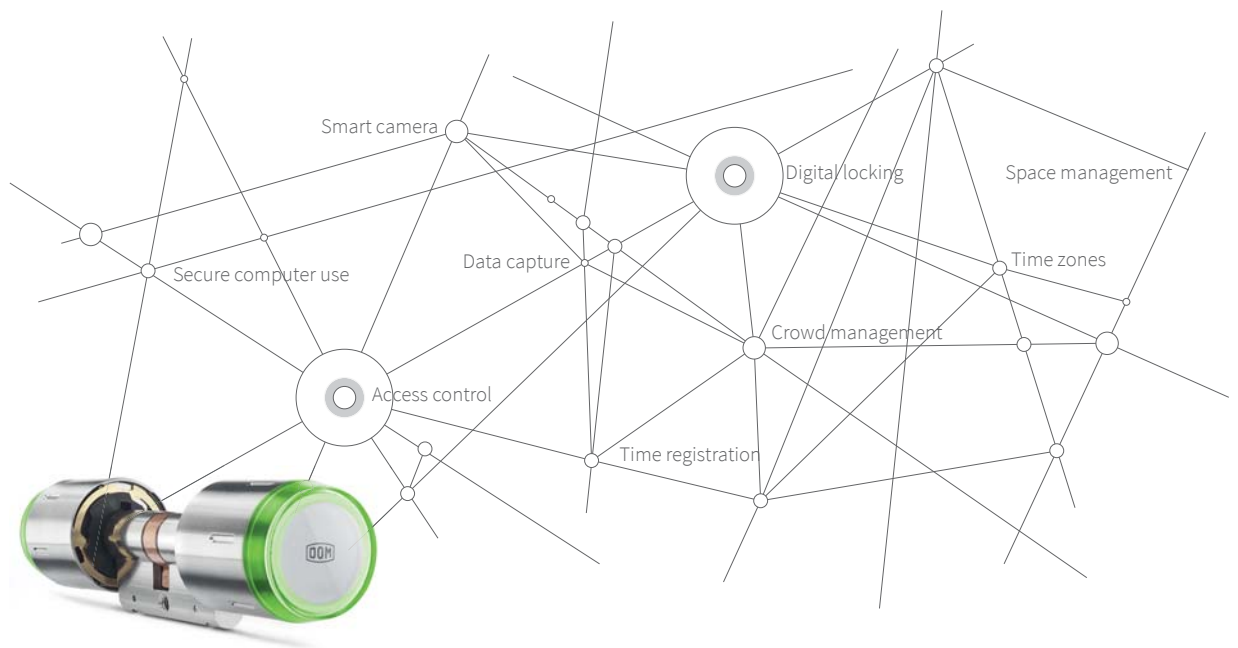
Therefore we strongly support the  
OSS-Association e.V. (Open Security  
Standards Association), who develops,  
communicates and markets  
standardised protocols, components  
and encoding within the access  
control market and the associated  
security-related hardware and  
software. The first standard that has  
been created is OSS Standard Offline.

We believe that by focusing on our  
specialty digital locking technology  
and by offering open but high secure  
solutions, will give great advantages  
for the end user.



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# Take your security to the next level

Add a world of possibilities.

Take your existing Security System and Property Management Software to the next level, with DOMConnect. This digital upgrade allows you to extend your current system to include doors and other access points like lockers, that were previously impossible to manage. Now you can seamlessly integrate DOM's extensive library of digital locking solutions into your current security system, to give you more insight and control for even more security.

A great advantage is that there is no need to change the way you use your current system: you can now simply add a lot more digital devices, which you manage and control exactly the same way you are used to.

#### BEST OF THE BREED

Employees, external workers, visitors, everyone wants to experience comfortable and hassle free access in a secure environment. As DOMConnect works with nearly all transponders,

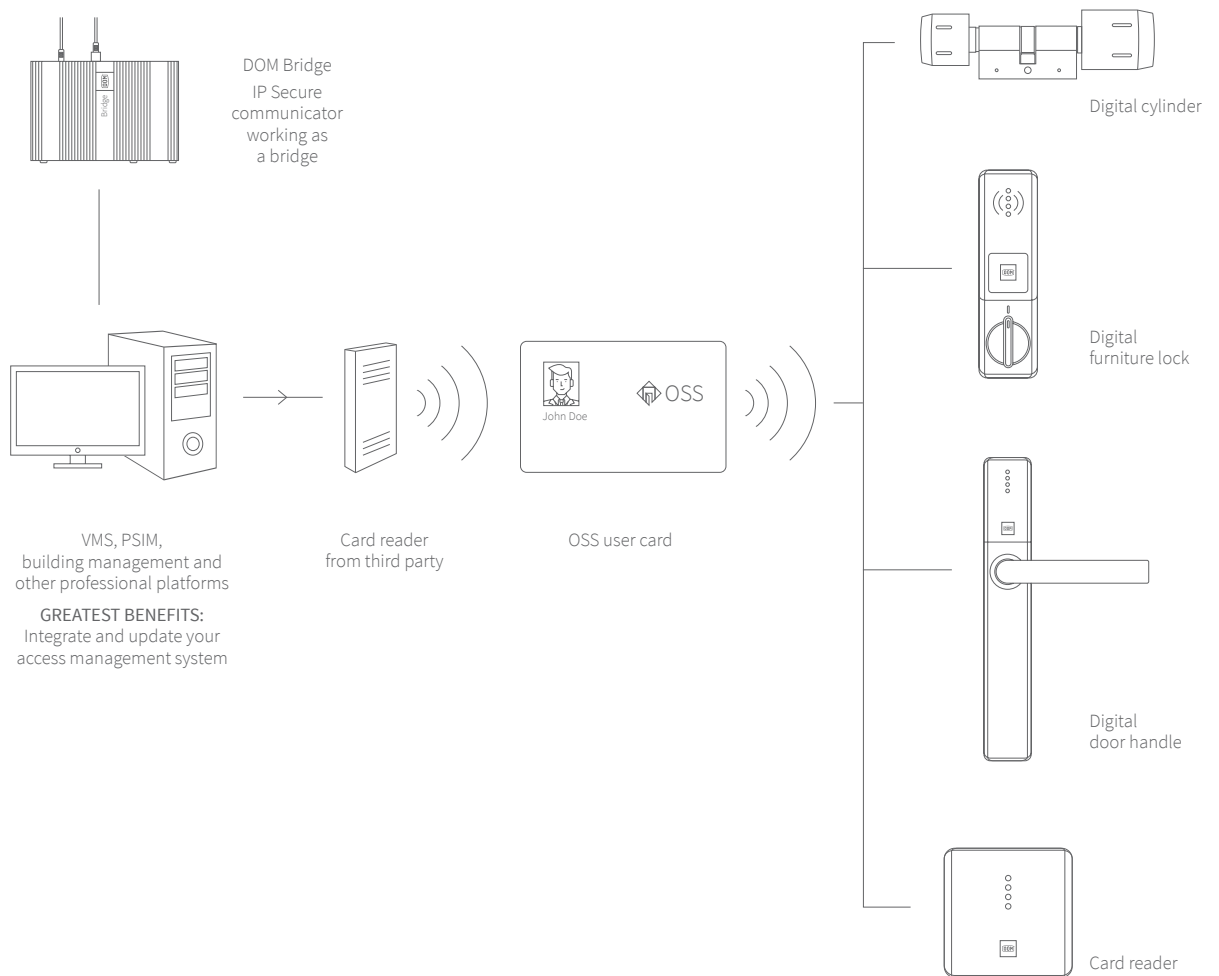
there's no need to carry multiple transponders to get around. The innovative interface is the DOM Bridge, that acts as a link between third-party software platforms such as your access software, CCTV and smart building management software. It connects a wide range of digital locking devices such as cylinders, handles and furniture locks for fast and secure bi-directional communication. Offering more control and insight for small, medium and large enterprises alike.

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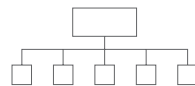
## Access Security

Using modern and available infrastructure.





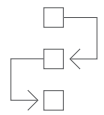
Reliable, fulfill all European norms



Wide range of digital handles and cylinders



Communication is always secure



Easy and smart; Plug & Play

## THE BENEFITS

## Benefits for endusers

- **BI-DIRECTIONAL COMMUNICATION**

Smooth and transparent communication between the TPS and identified DOM products for more control and insights.

- **ACCESS FALLBACK**

The locking devices have the latest

access whitelist stored in the memory. In case of a network failure the latest access authorisations are still controlling, which grants a stable process and continuity of your organisation.

- **DATA ON CARD**

The access authorisations are not stored on the digital locking devices, but on the transponder cards. So there is no need to physically go to the door to make changes to access authorisations.

## Benefits for integrators

- **COMPLETE OVERVIEW**

The graphical user interface DOMPlay is an attractive and user friendly tool for developers. This Windows tool supports developers as well as integrators, to have a good overview on the status of the DOM Bridge devices

and access authorisations and to perform specific maintenance and configuring tasks.

- **FREEDOM OF PROGRAMMING**

Due to a standard HTTPS interface with web service it is easy for developers to integrate in any programming language.

- **NO EXTENSIVE SOFTWARE LIBRARIES**

Third-party software does not require any proprietary software libraries for development, deployment or execution.

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## Programming method OSS / Data on card

Programme and manage your entire system with transponders.

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With OSS / Data on card the authorisation data is not stored on the digital locking devices, but rather on something that all users carry with them: transponders. It fits perfectly to a lot of door situations like office doors, where an online solution isn't possible but that require you to often change the access authorisations, add new users or provide temporary access to visitors.

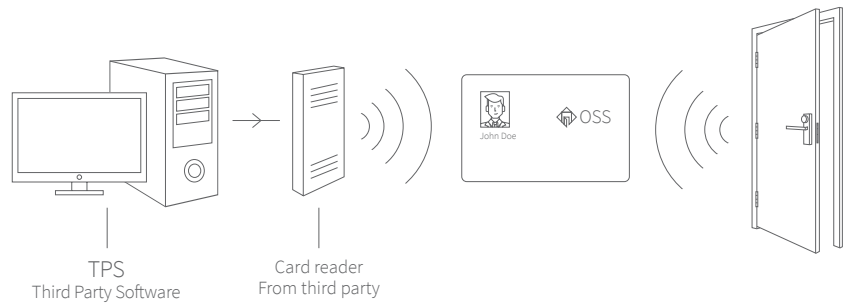
With OSS / Data on Card you will no longer need to go to the door: every change of access rights is managed by the system and written to the transponders, which carry this data

to anywhere you need it to go. Only when installing the system and in case of maintenance or special events (like burglary), you will use your DOMConnect App. Additionally, you will use the app to add new digital locking devices to your system, update or synchronise them with the needed information from your object or read out all system and access events from the devices.

The DOMConnect App synchronises with all the data in the DOM Bridge, which is provided by the hosts system (TPS). All security information is ciphered, without access to the

transponder card at the DOMConnect App level. The DOM Bridge gives the full functionality and data structure from the OSS specification and provides an interface, so that the OSS devices and groups will be fully transparent to the host system.

Finally, you are really able to connect the OSS world to your dedicated access control host system and synchronize it in both directions. Because of the same interface at the DOM Bridge, now everyone is able to add Data on Card managed digital locking devices to their access control system.



## Programming method Data on Card

1. Add transponders or change access authorisations in DOMBridge via Third Party Software (TPS).
2. User loads his access authorisations on the transponder card via the wall terminal or deskreader.
3. Person can now open the door.

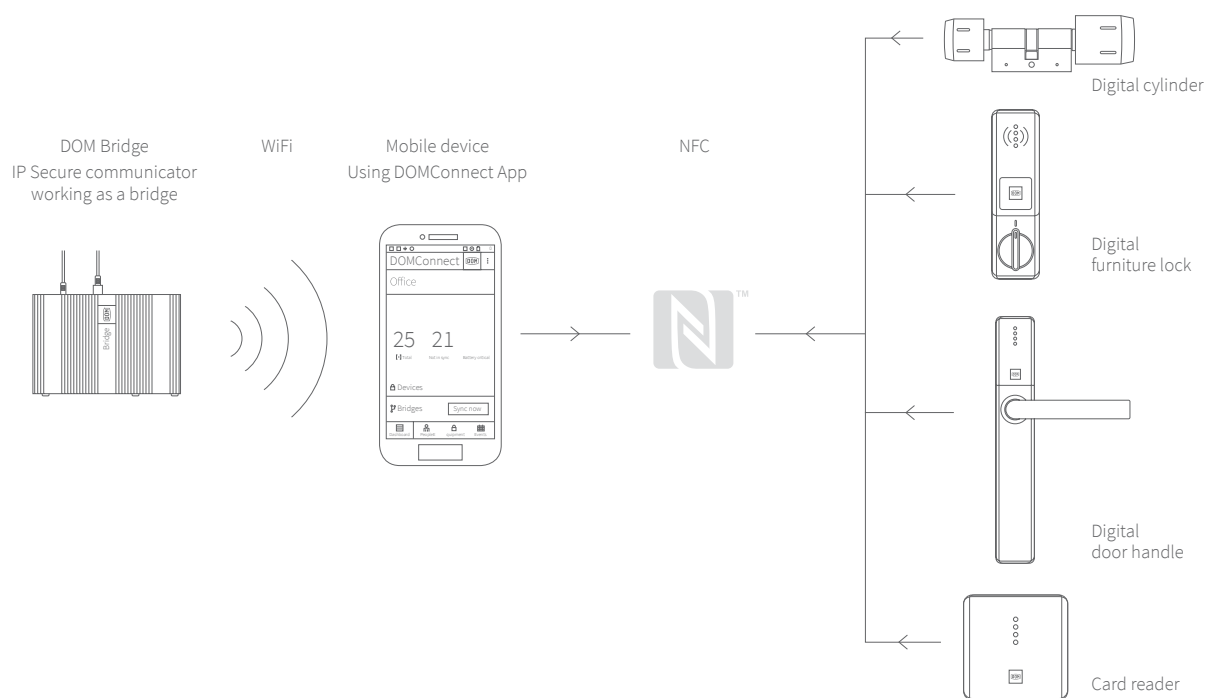


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## Programming method

Programme devices and get events with the wireless interface of the DOMConnect App.



## Benefits of going digital

### ■ CONTROL

More insights in your organisation and a far greater level of control over your security system.

### ■ FLEXIBILITY

Easy to make changes, like deleting a lost key from your system.

### ■ EASE OF USE

Simple installation processes and programming methods.



You decide who has access to several rooms.



Make every door a digital access point, without any wiring.



Who has access to what and when is stored on the transponders.

## Using Data on Card

- A wide range of buildings
- Various access points
- Any number of users
- Software
- No network



Create temporary access privileges for visitors.



Every door is connected through a secure ethernet network.

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## DOM Bridge extends your access management

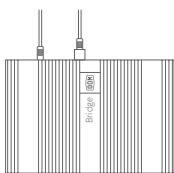
Choose the digital locking devices that fit your needs and install the DOM Bridge to connect everything to your existing software.

The DOM Bridge offers an embedded client web application, so you can access its options and features via any browser. It is a small piece of hardware, which has to be connected to the network. This single device allows you to take care of all the

complexity for secure communications to all your DOM solutions.

The API features a consistent design, which means functionalities are implemented in a coherent and user-friendly fashion. It is also

retrocompatible, which means future additions will not interfere with existing software and will not require an upgrade to the latest version of the API. Unless the new addition features completely new technology of course.



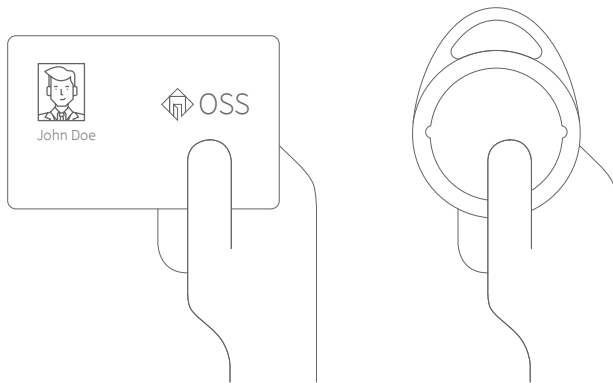
DOM Bridge  
API + Middle ware

### THE DOM BRIDGE

The DOM Bridge offers an embedded client web application that demonstrates its features in a browser.

## A few user advantages of DOMConnect

- Plug & Play, within a short period you are connected.
- Extensive list of usable transponder cards.
- Full device integration with existing access control platforms.
- Mechanic locks can be exchanged for digital ones in under two minutes.
- Easy to deploy.
- Secure end-to-end encryption.



# Transponders

One RFID card for all your building and access management needs.

DOMConnect can be integrated with new and existing access management systems via secure and user-friendly web services. Whether you choose a DOM transponder or an existing

transponder (card) that you already use for existing applications.

DOMConnect digital locks support the following range of transponder types:

#### SUPPORTED TRANSPONDER TYPES

Mifare DESFire 2k EV1 / EV2

Mifare DESFire 4k EV1 / EV2

Mifare DESFire 8k EV1 / EV2





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