



# KEYLESS WORLD

## Digital locking systems for industrial enterprises

© The finest in keyless security

**Simons  Voss**  
technologies

With ever-changing project teams and responsibilities, networked building complexities and cooperation between production, development, technology, IT and administration, modern industrial enterprises must strike a prudent balance between flexibility and complex security requirements at their different locations. Employee turnover, flexible working times and a large number of service staff make access management a complex task.

#### **// Controlled locking in industrial plants is digital**

Electronic locking systems are a prerequisite for comprehensive security in industrial enterprises. The SimonsVoss Digital Locking and Access Control System 3060 provides comprehensive control and verification with active door management and, consequently, universal command over access rights throughout buildings and locations.

#### **// System 3060 by SimonsVoss**

System 3060 unites intelligent, digital locking components with state-of-the-art software. Identification media with individual access rights lock and open doors contactlessly by radio signal. Digital locking devices can be programmed as required. Linked into a centrally controllable system, doors, gateways and barriers can be opened or closed in segments using a central command.



# SYSTEM 3060

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The all-inclusive digital solution which simply does more.

**Open flexibly, lock securely, manage easily. System 3060 locking systems meet all requirements for a modern locking system and more.**

## // More control

With a variety of locking and control functions, including access event logs and cable-free online door monitoring.

## // Greater convenience and security.

Contactless locking and opening. Simple and safe at the press of a button. Security vulnerabilities such as those caused by loss of mechanical keys are a thing of the past. A lost identification medium can be deactivated immediately.

## // Full flexibility

System 3060 locking systems can be extended and upgraded inexpensively at any time, even after many years. The reason: SimonsVoss ensures its products and systems feature consistent backward and forward compatibility.

## // True cost efficiency

Locking cylinders no longer in use are simply re-programmed for subsequent installation elsewhere. There's also the advantage of minimum power consumption thanks to energy-saving technology.

## // Superlative quality

German-made mechanical components and digital intelligence. SimonsVoss technology has impressed with its long service life, maximum reliability and award-winning design for over twenty years.



**THE FUTURE LIES IN DIGITAL LOCKING TECHNOLOGY.  
CONTACT US AND FIND OUT HOW WE CAN HELP.**

We'll be glad to show you the advantages of a SimonsVoss digital locking system using your individual, project-related requirements as an example.

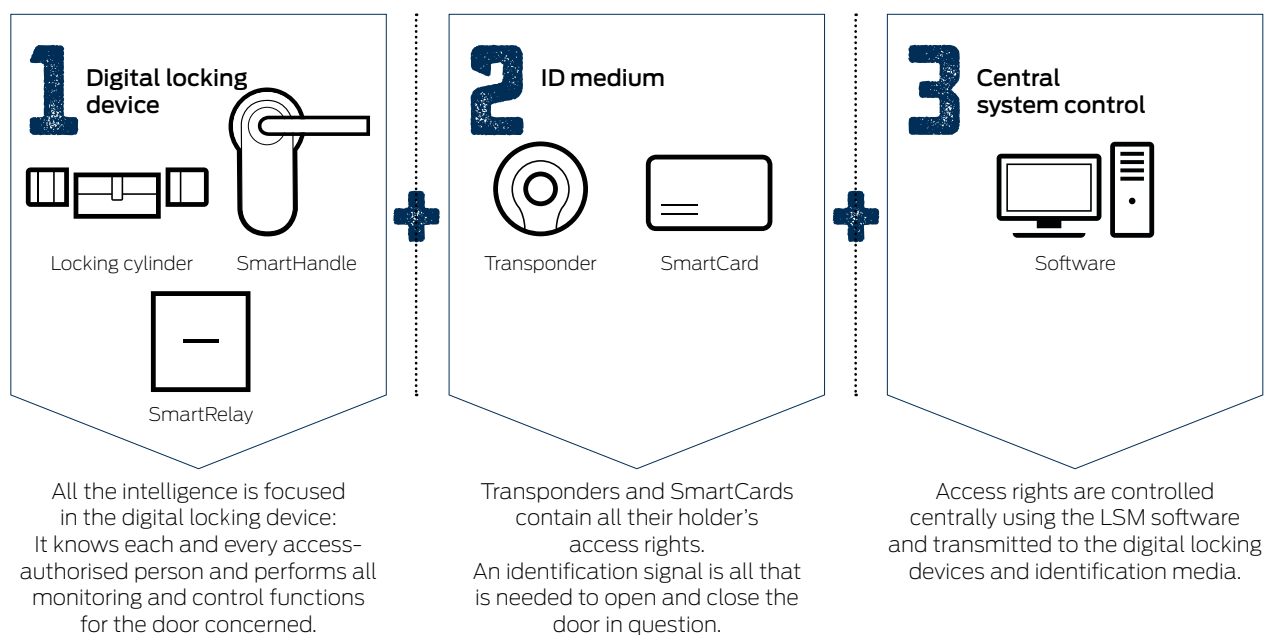
# COMPREHENSIVE, MODULAR ACCESS MANAGEMENT FOR INDUSTRY

The key functions, components and operation variants

How do you control and manage ever-changing personalised access rights? What secures doors effectively against unauthorised access? System 3060 offers numerous solutions for such central verification and protection requirements especially for industrial plants.

## HOW DIGITAL OPENING AND LOCKING WORK

Three key elements form the basis for System 3060



## EASY TO INSTALL, COST-EFFICIENT OPERATION

Digital locking cylinders are quick and easy to install. Once fitted, they have virtually no maintenance requirements since batteries last an age thanks to the energy-saving electronics. Retrofitting locking devices with new functions also takes just minutes.



## ADVANTAGES FOR WIRELESS LOCKING

- :: Simple and cost effective installation with no wiring required.
- :: Replaces mechanical keys with an intelligent transponder / card for all locks.
- :: No more security concerns with lost keys as the transponder / card can be deactivated at any time.
- :: Many of the advantages of access control in a battery operated lock.
- :: Tailored access rights for individuals.
- :: Adaptable to changing requirements.
- :: Low maintenance with a battery life of 400,000 activations for a transponder and 180,000 for a card.

### // Locking cylinder, SmartHandle and SmartRelay

For intelligent opening, including time zone control, access control and event logging. Locking cylinders and SmartHandles can be combined with the DoorMonitoring function. SmartRelay provides access control without a locking cylinder and can also operate third-party systems. System 3060 integrates all lockable elements into an all-inclusive digital solution: from doors, gateways and lifts through to turnstiles, barriers and drawers.

### // Identification media transponder and SmartCard

Transponders (active technology) and SmartCard (passive technology) take the place of mechanical keys and save the user's current access rights. The advantages: the identification medium can be deactivated immediately if lost. Individual access rights can be changed at any time.

### // Central control of the locking system

The Locking System Management software (LSM) is used to carry out all tasks for setting up, operating and managing digital locking systems. LSM is available in different editions for different needs.

### // Offline and online operation

System 3060 installations can be operated offline, online or virtually networked. In online mode, all functions and changes to access rights are performed centrally in LSM and in real time over the network. There is no need for locking devices to be programmed at their location. Online mode provides optimum convenience and maximum security. Incidentally, offline systems can also be networked to become online systems at a later date at any time.

In a virtual network, changes to access rights and other information are transmitted to identification media via conveniently located gateways instead and then distributed to the locking devices.

### // Protection against unauthorised access

System 3060 locking and control components are an important security measure which help to meet GDPR security requirements. This is particularly the case with functions such as automatically generated access event logs and online door monitoring (DoorMonitoring).

# YOUR SYSTEM 3060:

## SAVE COSTS – INCREASE SECURITY

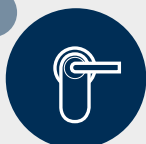
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Start with your System 3060 locking system in the place where you wish to use the advantages of digital locking. This might be building entrances, restricted areas such as research and development departments, equipment rooms or IT and server rooms.

### DIGITAL LOCKING PRODUCTS:

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1



Electronic door handle  
SmartHandle AX

2



Digital  
SmartRelay

3



Digital  
locking cylinder

4



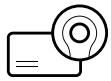
Digital  
Padlock

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### THIS IS HOW CABLE FREE DOOR MONITORING WORKS

Cable-free door monitoring enables you to secure restricted areas such as R&D departments and IT and equipment rooms. Built-in sensors capture every door status and every change to doors. The information is forwarded to the LSM system software via the wireless network, where it is displayed. Critical events trigger an instant alert in the form of a pop-up window or email. It is possible to connect to an existing alarm system.

**Incidentally,** only SimonsVoss offers wireless online door monitoring for digital cylinders.



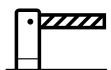
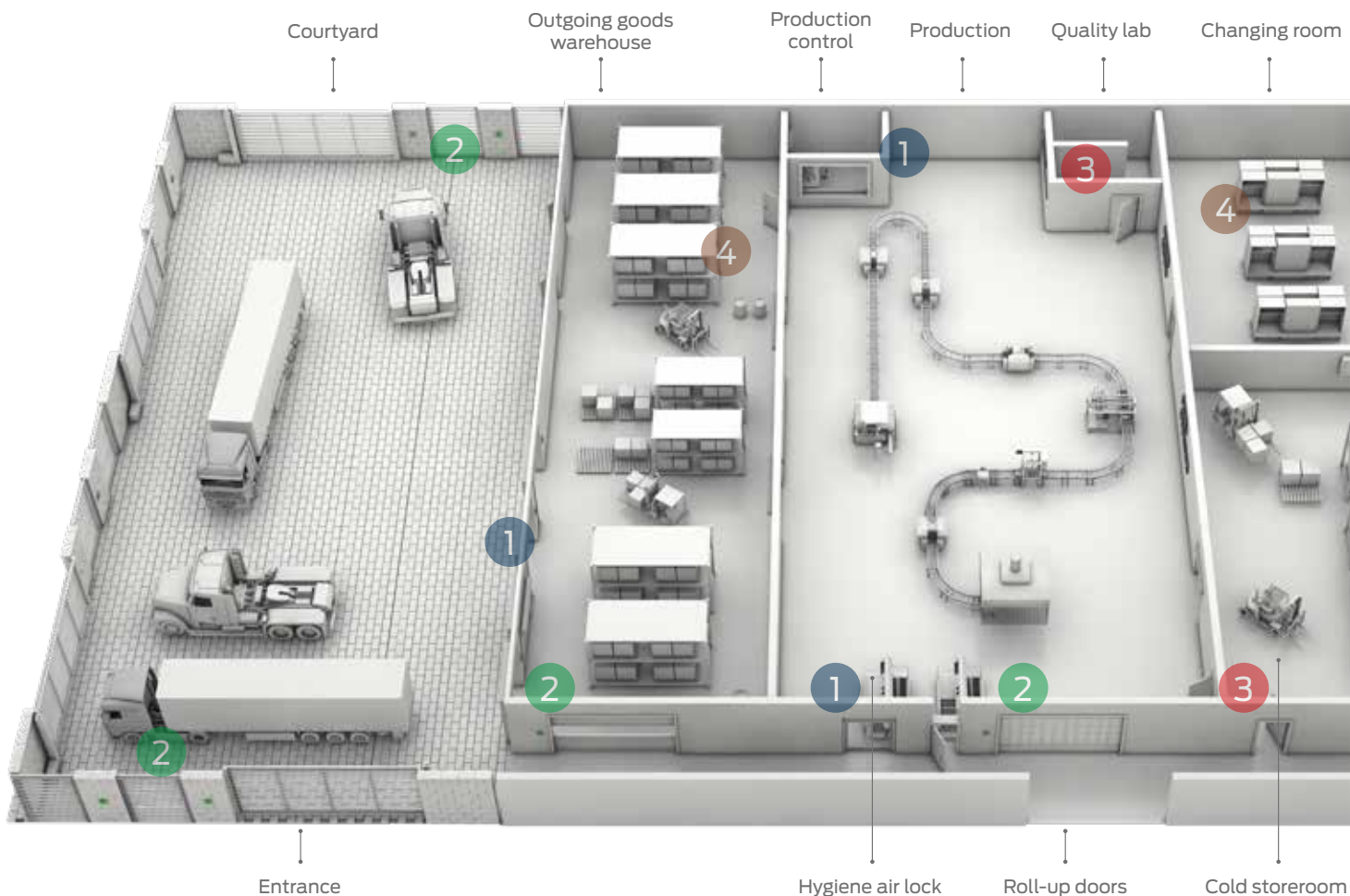
## NO MORE WORRY ABOUT "LOST" KEYS

- ❖ The facility manager creates a replacement transponder / card (digital key).
- ❖ The employee picks it up.
- ❖ The lost transponder / card is automatically blocked when the replacement transponder is used for the first time in the locking system.
- Security is restored.



## FACILITY MANAGEMENT

All System 3060 components easily set up and managed centrally with the LSM software, even when there are several buildings and locations, including staff residences.



## BARRIERS

- ❖ All accesses without "lock" are secured via Smart Relays.
- ❖ These control e.g. barriers, roller shutters and lifts.
- ❖ Existing ticket systems for parking spaces can be combined with the System 3060.



## FORK LIFTS AND SIMILAR

Starting up vehicles and machines using an identification medium.



## ONLINE OR VIRTUAL NETWORKING

Either online networking of locking devices: changes to access rights and functions performed in real time. Or virtual network: distribution of modified access rights to identification media via gateways.



## SAFETY CABINETS

- ❑ Protect supply cupboards, filing cabinets and lockers with digital half cylinders against unauthorised opening.
- ❑ All locking transactions are logged.

Cleanroom

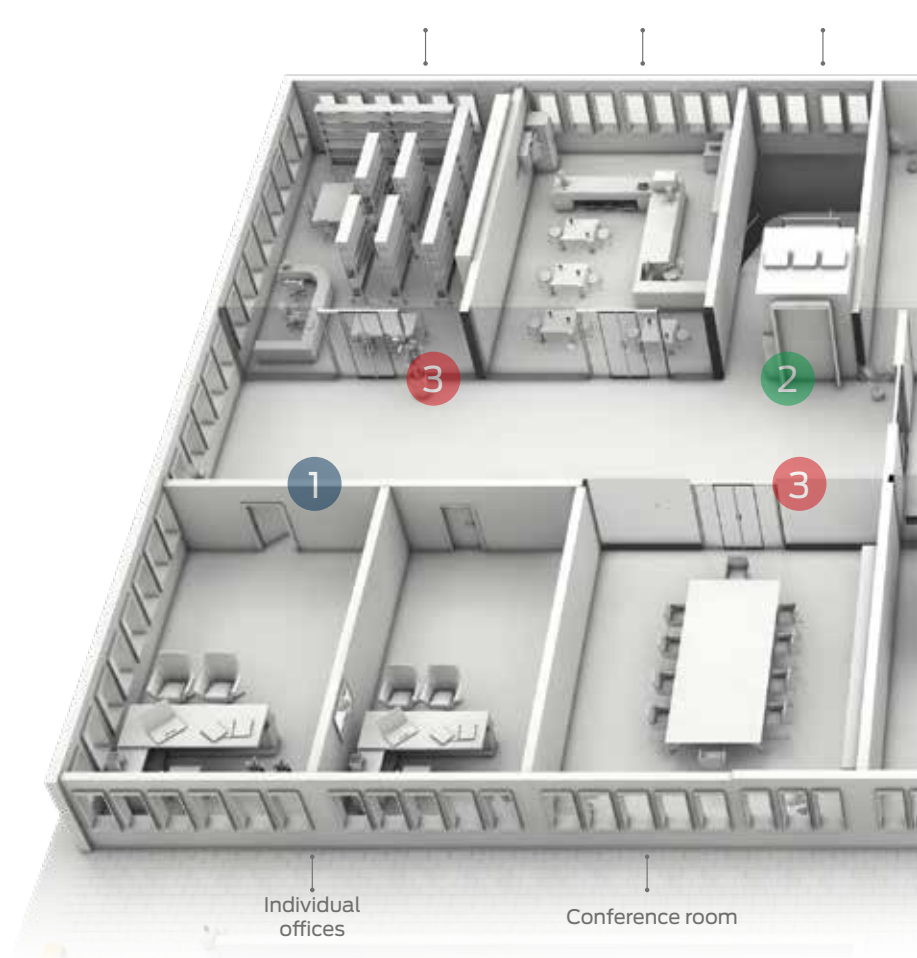


Emergency exit

Archive

Recreation room

Lift



Individual offices

Conference room



## SECURING ROOMS AT RISK FROM FIRE

Better protection e.g. for boiler room, heating oil/pellet storeroom, lift machine room. Interface to fire alarm system is possible.



## ENTRANCE HALL WITH PROTECTIVE FUNCTION

Central opening or locking of doors in emergencies such as fire or a gunman attack.





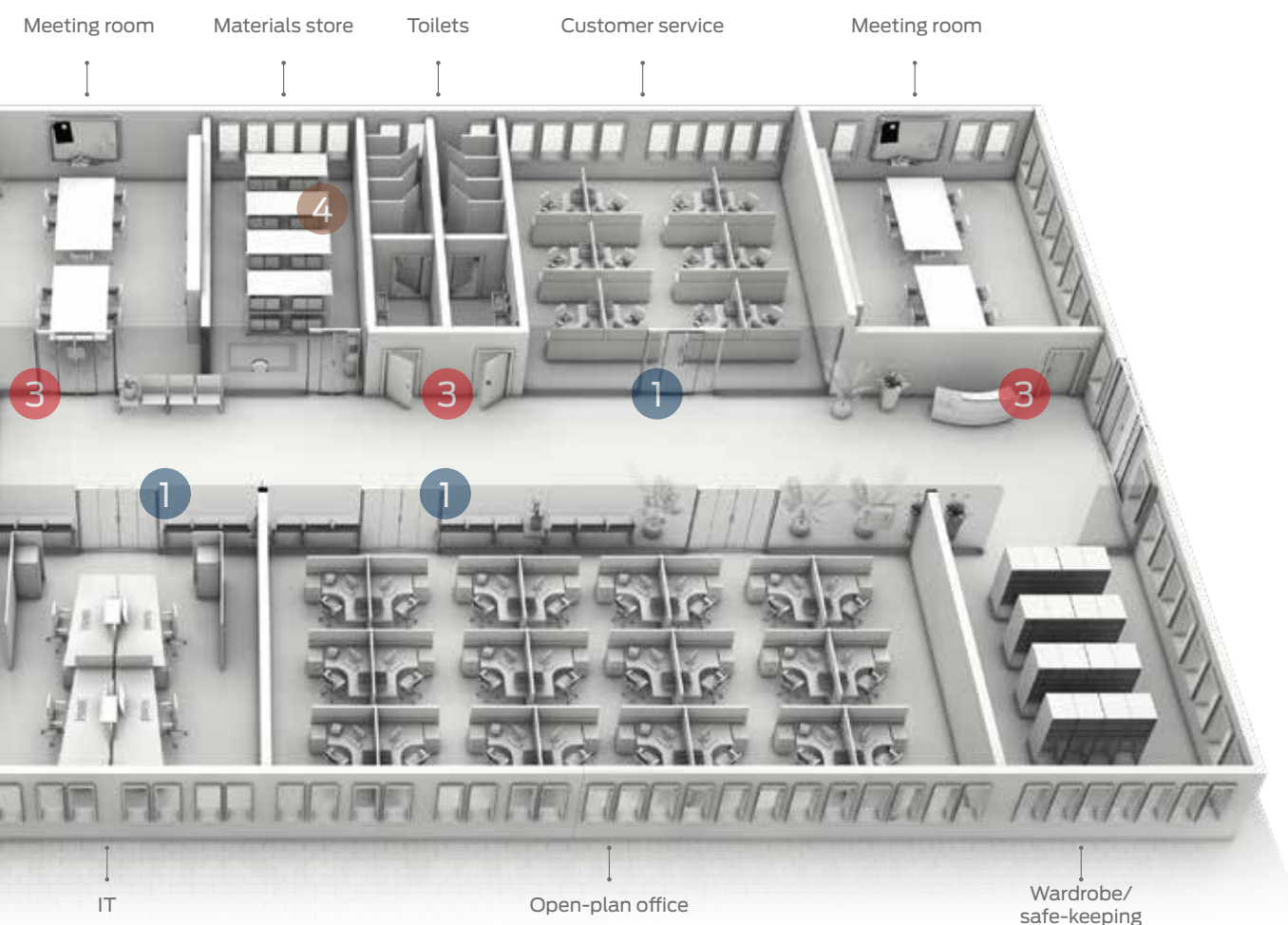
## DOOR WITH DOOR MONITORING

The wireless online door monitoring for sensitive rooms. Records, logs and reports all door statuses using sensor control to detect whether doors are open, closed, locked or open too long. It also sounds an alarm in the case of critical events.



## MAIN AND SIDE ENTRANCES

Programmable, automatic opening times and personalised access rights, also outside opening hours.



## PROTECTION AGAINST BURGLARY

Always securely locked:

- Operating and administration rooms



## LIFTS

Personalised access rights for individual floors.

Extend digital protection at any time to include more doors, control functions, buildings or locations.

No compatibility problems.

## HOW MUCH "ONLINE" WOULD YOU LIKE?

Choose between virtual and online networking or combine both.



### VIRTUAL NETWORK

In the virtual network, data is exchanged via gateways installed in the entrance area. These gateways transfer access authorisations to transponders and cards, for example.



### ONLINE NETWORK

The locking management system software and all locking devices are linked wirelessly – essential for data exchange in real time. This is also available as an optional extension for your virtual network.



In the **online network**, DoorMonitoring optionally **displays** the status of each door, enabling critical areas to be managed efficiently.

## SMART SURVEIL - OPEN DOORS ALWAYS IN SIGHT



**// Are you already using our DoorMonitoring for added peace of mind?**

**If so, SmartSurveil can help you recognise critical situations.**

With SmartSurveil, you can see visual representations of the door statuses recorded using DoorMonitoring. The program can be installed as a stand-alone program on your PC and operated separately from your Locking System Management software. This means, that a security provider can be commissioned to carry out door monitoring activities.

If a door stays open for too long, it will be reported to the security provider and indicated in the building plan. The security firm can then react instantly and deploy appropriate measures to remedy the situation.

Because SmartSurveil is part of the LSM Business and Professional editions, you can begin using it immediately. All you need is a free multi-user licence for database access.





## This is SimonsVoss

SimonsVoss, the pioneer in remote-controlled, cable-free locking technology provides system solutions with a wide range of products for SOHOs, SMEs, major companies and public institutions. SimonsVoss locking systems combine intelligent functionality, high quality and award-winning design Made in Germany. As an innovative system provider, SimonsVoss focuses on scalable systems, high security, reliable components, powerful software and simple operation. As such, SimonsVoss is regarded as a technology leader in digital locking systems. Our commercial success lies in the courage to innovate, sustainable thinking and action, and heartfelt appreciation of employees and partners.

SimonsVoss is a company in the ALLEGION Group, a globally active network in the security sector. Allegion is represented in around 130 countries worldwide ([www.allegion.com](http://www.allegion.com)).

### Made in Germany

SimonsVoss is truly committed to Germany as a manufacturing location: all products are developed and produced exclusively in Germany.

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