




KEYLESS WORLD

Digital locking systems
for educational
institutions

© The finest in keyless security

Simons Voss
technologies



Schools and universities need intelligent locking systems to ensure security for people, buildings and resources. Many visitors, customers and service providers come and go on a daily basis. Restricted doors and areas must be monitored while others need to be freely accessible. The different use of rooms, for activities such as after-hours teaching, lectures and private hire, create challenges for controlling access.

// Controlled locking in educational establishments is digital

Electronic locking systems are a prerequisite for comprehensive security in schools and universities. The SimonsVoss Digital Locking and Access Control System 3060 provides comprehensive control and verification with active door management and combines maximum security with the required instant response.

// 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

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.

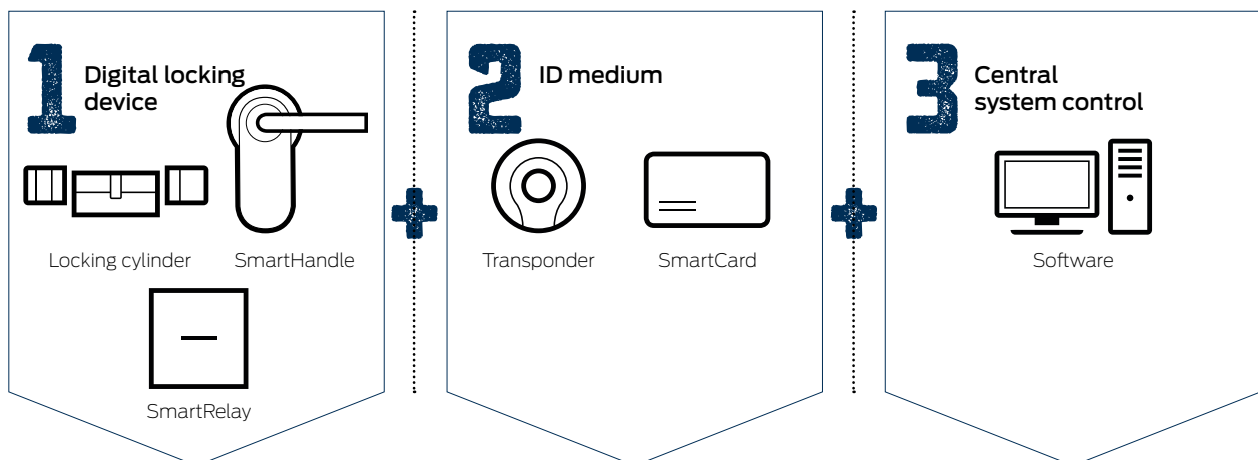
FOR COMPREHENSIVE ACCESS CONTROL IN EDUCATIONAL ESTABLISHMENTS

The key functions, components and operation variants

Students, teachers and service staff: Who is permitted to enter the chemistry lab, staff room and other restricted areas and at what times? How can a central response be provided and doors opened in segments in the event of danger? System 3060 offers numerous solutions for these central verification and protection requirements especially for educational establishments.

HOW DIGITAL OPENING AND LOCKING WORK

Three key elements form the basis for System 3060



All the intelligence is focused in the digital locking device: It knows each and every access-authorised person and performs all monitoring and control functions for the door concerned.

Transponders and SmartCards contain all their holder's access rights. An identification signal is all that is needed to open and close the door in question.

Access rights are controlled centrally using the LSM software and transmitted to digital locking devices and identification media.



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.



// Locking cylinder, SmartHandle and SmartRelay

For intelligent opening, including time zone control, access control and access logging. Locking cylinders and SmartHandle 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.

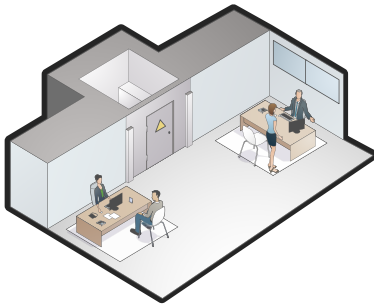
This is particularly the case with functions such as automatically generated access event logs and online door monitoring (DoorMonitoring).

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.

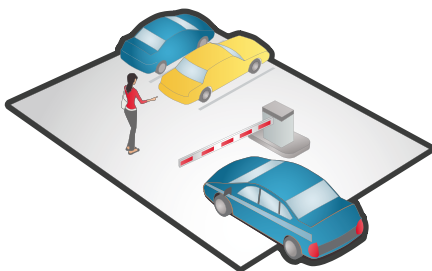
YOUR SYSTEM 3060: HOW DO YOU WANT TO START?

Start with your System 3060 locking system in the place where you want to use the advantages of digital locking. That may be building entrances, IT and equipment rooms, administration wings or research laboratories.



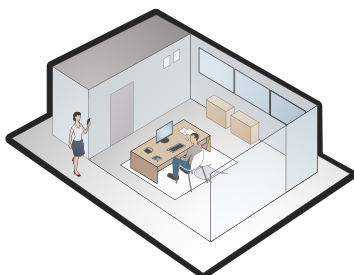
DOOR WITH DOOR MONITORING

Cable-free online door monitoring for restricted rooms. Records, logs reports all door statuses using sensor control to detect whether doors are open, closed, locked or open too long. It also sends an alert for critical events.



BARRIERS

Access rights issued for car parks and underground garages at a simple press of the mouse. Can be combined with existing ticket systems.



FACILITY MANAGEMENT

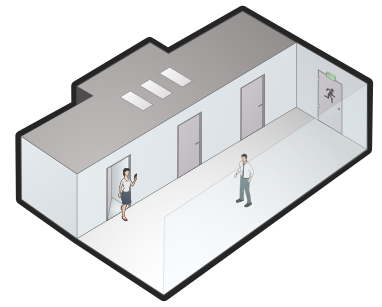
All System 3060 components easily set up and managed centrally with the LSM software, even when there are several buildings.



EXTEND DIGITAL PROTECTION WHENEVER YOU WANT. WITHOUT ANY LIMITATIONS, COMPATIBILITY PROBLEMS OR LICENCE FEES FOR RETROFITS AT A LATER STAGE.

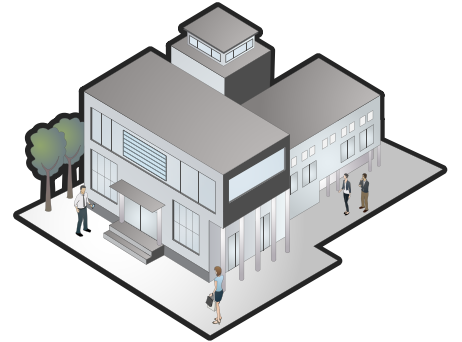
ENTRANCE HALL WITH PROTECT FUNCTION

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



MAIN AND SIDE ENTRANCES

Programmable automatic opening times and personalised access rights outside teaching or lecture hours.



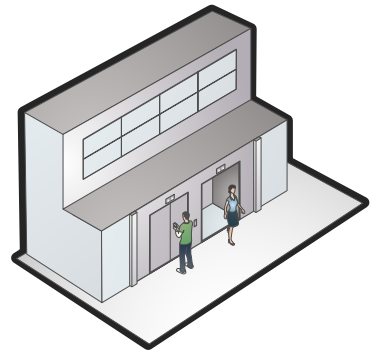
ONLINE OR VIRTUAL NETWORKING

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.



LIFTS

Personalised access rights for individual floors.



HOW CABLE FREE DOOR MONITORING WORKS

Cable-free door monitoring enables you to secure restricted areas such as IT rooms, laboratories and equipment rooms. Built-in sensors capture every door status and every change to the doors. The information is forwarded to the LSM system software via the wireless network, where it is displayed. Critical events trigger an immediate alert: with a pop-up window or email. **Incidentally:** only SimonsVoss offers wireless online door monitoring for digital cylinders.

REFERENCES

These educational establishments are part of the KEYLESS WORLD.

GERMANY

// Schools

General education system schools in Hamburg and Lübeck | Vocational schools in Buxtehude, Elmshorn, Stade
Klaus-Groth School, Tornesch | Schools in the Stormarn and Darmstadt districts
Theodor Schäfer Vocational Training Unit, Husum | This, Weimar

// Universities

Gottfried Wilhelm Leibniz University Hanover | Jacobs University Bremen
Ludwig Maximilian University of Munich | Martin-Luther University Halle-Wittenberg
Otto von Guericke University Magdeburg | Chemnitz and Dresden Universities of Technology
Technical University of Munich, Garching and Weihenstephan | Augsburg University
Universities of Bamberg and Bayreuth | Bremen University | Hamburg University

AUSTRIA

IZW, Leoben | Zaunergasse State Grammar School, Salzburg | Carinthia University of Applied Sciences, Feldkirchen
Schottenstift Grammar School, Vienna | University of Natural Resources and Life Sciences Vienna, Tulln

NOTES





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).

Made in Germany

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

SimonsVoss Technologies GmbH

FeringasträÙe 4
85774 Unterföhring
Germany
Tel. +49 89 992280
info-simonsvoss@allegion.com
www.simons-voss.com/en | www.allegion.com

For general safety and maintenance information, visit www.simons-voss.com/en/security.html

PB.BILDUNG.EN - 2022.05

© Copyright 2022, SimonsVoss Technologies GmbH, Unterföhring, Germany.
All rights are reserved. Text, images and diagrams are protected under copyright law.
The contents of this brochure must not be copied, distributed or modified. You can find authoritative, detailed technical information in the system manual. Subject to technical changes.
SimonsVoss and MobileKey are registered brands belonging SimonsVoss Technologies GmbH.

SimonsVoss
technologies

A BRAND OF **ALLEGION** 

Made in Germany