



Simons  Voss
technologies

FORTLOX

Intelligent
cylinders and keys
– for enhanced
security and flexibility

FORTLOX Series

Digital. Flexible. Secure!

The key to FORTLOX

The mechatronic FORTLOX system is modelled on a conventional cylinder and key, allowing existing systems to be replaced with ease – and providing a secure, future-ready locking solution.

Software



LSM /
AXM Plus

Synchronisation



SmartStick AX



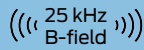
Smartphone*



SmartRelay 3
as updater

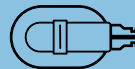


Bluetooth

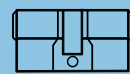


25 kHz
B-field

Key



Cylinder



Smart solutions for large company complexes and technical infrastructure

Hospitals | Electricity & Water | IT & Telecommunications | Transport | Authorities | Education



Data centres | Transformer substations | Cable distribution cabinets | EV charging stations | Company complexes | Vending machines | and more



The FORTLOX Series is a mechatronic locking system comprising the **thumb-turn-free, battery-free** FORTLOX Cylinder and the FORTLOX Key. This freely programmable system ensures reliable security for technical infrastructure facilities. It can be managed centrally or locally via software.

All advantages at a glance

- :: Battery-free cylinder – ideal for infrequently used areas
- :: Access rights and user permissions can be assigned or granted quickly and easily
- :: Temporary access and permissions for technicians and external companies
- :: Full overview of the entire locking system at all times
- :: Optional documentation of access events for greater transparency
- :: Security can be restored quickly if keys are lost
- :: Fully integrable into the SimonsVoss 3060 system environment, including thumb-turn cylinders and mechatronic fittings

Why SimonsVoss?

- :: Top quality – Made in Germany
- :: Professional on-site consulting
- :: Training and support for users and customers
- :: Short delivery times, fast availability and excellent shelf life
- :: Low maintenance costs; long-term investment in the future
- :: No legacy system surcharges on reorders
- :: 30 years of experience with high customer satisfaction
- :: Integration with third-party systems possible (ticketing, visitor management and intrusion detection systems, etc.)

FORTLOX Cylinder

Robust. Weatherproof. Maintenance-free!

The FORTLOX Cylinder has the same design as conventional mechanical locking cylinders. This allows for easy replacement of existing cylinders and makes it suitable not only for standard door applications, but also for cable distribution or server cabinets, as well as mobile device or EV charging stations.



Main variants

EURO PROFILE

Double cylinder (CD | CB)



EURO PROFILE

Half cylinder (HZ)



SCANDINAVIAN OVAL PROFILE

Scandinavian Oval (SO)



CD: one side readable, with dummy inside
CB: one side readable, inside blind

The FORTLOX promise:

Secure, robust & durable

In accordance with DIN EN 15684, the FORTLOX Cylinder achieves the highest certification level in all required categories: durability, fire and smoke resistance, environmental resistance, access authorisation security, system management and attack resistance.

Weatherproof

The standard FORTLOX Cylinder has an IP54 protection rating and can be used reliably at extreme operating temperatures, ranging from -25 °C to + 65 °C.

A dust- and waterproof version (WP) with IP67 is also available. For additional protection against insects and foreign particles, the Extreme Protection (EP) version can be specified.

Reusable & freely programmable

The FORTLOX Cylinder and Key are not produced for a specific system, making them flexible, reusable and reprogrammable at any time.

Maintenance-free

The battery-free cylinder is powered by the key. No on-site battery replacement is required. Regular cleaning is sufficient to maintain functionality if the cylinder becomes dirty.

Suitable for fire doors and escape doors

Approved for fire doors up to T90; fire and smoke protection doors, according to DIN EN 15684 Class B. Also suitable for escape doors that comply with DIN EN 179 / EN 1125.

Easy installation

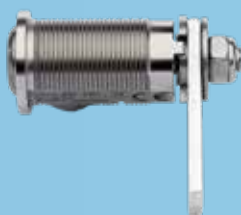
Thanks to its design, the thumb-turn-free FORTLOX Cylinder can be used as a 1:1 replacement for conventional mechanical locking cylinders. Its modular structure allows it to be customised for every installation.

Protected against damage

The thumb-turn-free cylinder has no overhang – a major advantage in situations where a thumb turn could be damaged.

Additional variants

LEVER CYLINDER
(LE)



Can be used for glass cabinets, vending machines, ticket machines, etc.

PADLOCK
(PL)



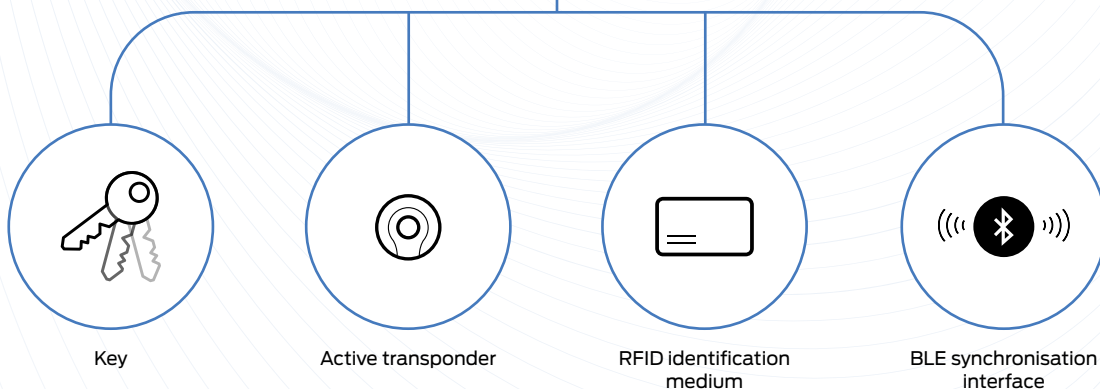
Can be used for fences, containers, etc.

FORTLOX Key

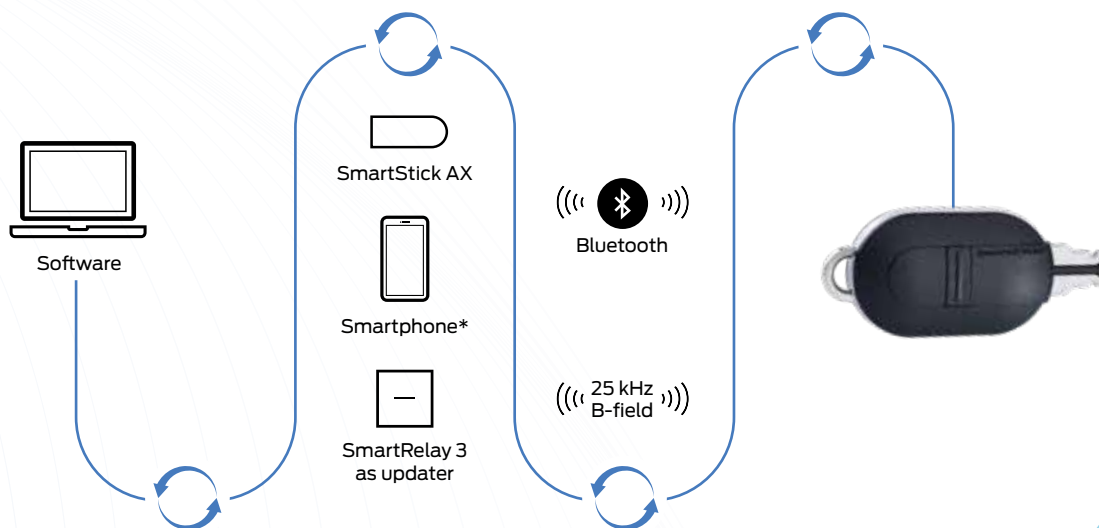
The multifunctional locking medium

- ⚡ All-in-one solution: key, active transponder, BLE communication interface and optional RFID identification medium in one
- ⚡ The FORTLOX Key locks and unlocks the FORTLOX Cylinder and numerous SimonsVoss locking components
- ⚡ Synchronisation via SmartStick, smartphone* or SmartRelay 3
- ⚡ User permissions are stored entirely on the key; no cylinder commissioning required
- ⚡ Smooth locking action
- ⚡ Reversible key for ease of use – operates even when rotated 180°
- ⚡ Each key can be used as a synchronisation tool (BLE)

All-in-one solution



Synchronisation of the FORTLOX Key



SmartLocker AX

Locking components



FORTLOX Cylinder



Digital Cylinder AX



SmartHandle AX



SmartHandle AX Advanced

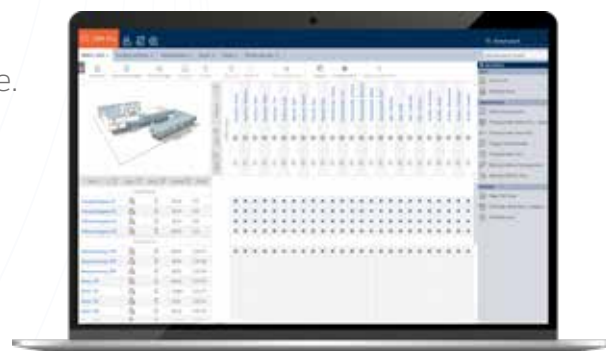


SmartRelay 3

Administration via AXM & LSM software

The FORTLOX series is ideally administered using AXM software, but it can also be managed with LSM software. Please note: Mobile assignment of permissions and synchronisation via smartphone are only possible with the future-ready AXM software.

* App in development





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.

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A BRAND OF **ALLEGION** 

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