





Simons  Voss

NEXT **KEYLESS** GENERATION. NOW.

AX.Advanced Xchange New application 2018

 The finest in keyless security

Simons  Voss
technologies



THE NEXT KEYLESS GENERATION. NOW.

Our digital locking solutions have been replacing mechanical locking systems since our company was founded more than twenty years ago.

Customer focus is our priority. Our products are innovative and impress in their handling. Maximum standards in security, convenience and reliability are equally indicative of our products as our signature design style is. Intelligence starts at the door. Only digital locking technology can deliver such intelligence. Only SimonsVoss can deliver digital locking. Is it possible to make something even better? Yes, it is! The AX (Advanced Xchange) platform and its associated products allow us to create a security architecture which provides scope for something beautiful on both a technical and visual level.

Discover the AX platform now and help us to define tomorrow's security standards today. The next keyless generation. Now.

// Why AX now

AX stands for Advanced Xchange. Communication and interconnectivity are key in a global, networked world. We asked ourselves how a digital locking system with access control can meet such expectations and become a control quantity in buildings.

Only those who listen and create a connection between security, flexibility and convenience will be fit for the future. That's why we have defined a new standard: a contemporary security architecture which focuses on the requirements of a digital society.

// The AX platform

With its investment protection, forward compatibility, a wealth of variants and a maximum standard in security, the AX platform will be indispensable on a visual or technological level in the future. This is because we are not happy until optimum standards are met.

We define the AX platform based on a unique security architecture – Intrinsic Security Architecture (ISA), which features the Secure Element as its centrepiece. This element meets maximum security standards regarding data encryption. Bluetooth Low Energy (BLE) makes the solution platform complete, providing Phone2Door* in a free app, for example. This not only allows the smartphone to be used as an identification medium but also to undertake programming tasks. It also gives users a reassuring sense of security and flexibility in a keyless world, irrespective of their sector or building size.

* Scheduled to be available in 2019

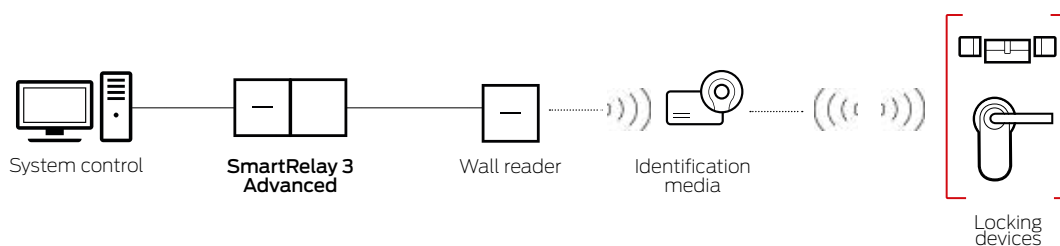
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SMARTRELAY 3 ADVANCED

The control centre

SmartRelay 3 Advanced is a high-performance control unit which consists of a controller and reader. Installed in a virtual network, it acts as a high-performance gateway, transmitting access rights and modified configurations to identification media. Three external

readers can be connected, which can be ordered as separate units and operated with transponders or Smart-Cards, or both in a hybrid system. A fast IP connection via Ethernet (including PoE) ensures instant transmission and updates, even for larger data volumes.



SmartRelay 3 Advanced –
brings things together which belong together.

:: Installed in SimonsVoss System 3060, SmartRelay 3 Advanced provides a powerful, virtual network of offline locking devices. Direct online networking via the wireless-based WaveNet system represents an ideal complement to virtual networking.

:: As a multi-tasker, SmartRelay 3 Advanced can be operated with both active and passive media. It features three digital inputs and a relay output and allows up to three readers (active/passive) to be operated at the same time.

:: Data is exchanged immediately thanks to the direct connection to the database.

:: Changes to rights can be programmed without any limitation.

:: Even if the network is interrupted temporarily, time budgets can still be extended and block IDs stored in memories transmitted to identification media.



Simons & Voss

SMARTHANDLE AX

The fitting

Is it possible to make something even better? Yes, it is! Our new generation of SmartHandles is unfailingly based on our users' needs and sets new standards in the process. SimonsVoss introduces a new level of intelligence, security and convenience to doors with SmartHandle AX thanks to a modular structure, a wealth of variants and innovative functions such as BLE* and Phone2Door*.

Adaptive design and the interplay between metal elements not only offer a visual delight but also maximum scope for style and decoration. The new product SmartHandle AX is a smart solution for interior doors which can be fastened to existing escutcheon hole patterns (ISO 18251) without needing to drill holes.



SmartHandle AX – making room for beauty.

- :: Security on the AX platform: we are not satisfied until everything is secure. Intrinsic Security Architecture (ISA) with its Secure Element forms the centrepiece of SmartHandle AX.
- :: Provide a flexible response to any situation on site: SmartHandle AX can be adapted to the spindle, door thickness and centres distance. The handle itself can be mounted on the left or right.
- :: You can add more online or extra functions such as DoorMonitoring or Do not disturb at a later stage. Future-proof investment forms part of the SimonsVoss promise.
- :: Room for beauty: with its characteristic, adaptive design, the AX fitting can be combined with standard handles by renowned manufacturers when installed in interiors.
- :: Full backward compatibility and operational reliability: you can even open SmartHandle AX with your first-generation transponder.
- :: Operational reliability is crucial. That's why we have invested in mechanical and electronic quality and stability with the AX fitting. SmartHandle AX features extremely precise handle clearance.
- :: Made in Germany. A given for us. SmartHandle AX has successfully completed 1 million test cycles.



This is SimonsVoss

SimonsVoss is a technology leader in digital locking systems.

The pioneer in wirelessly controlled, cable-free locking technology delivers system solutions with an extensive product range for small and medium-sized commercial units, major companies and public institutions. SimonsVoss locking systems unite intelligent functions, optimum quality and award-winning German-made design.

As an innovative system provider, SimonsVoss attaches great importance to scalable systems, effective security, reliable components, high-performance software and simple operation.

Our commercial success lies in the courage to innovate, sustainable thinking and action, and heartfelt appreciation of employees and partners. With its headquarters in Unterföhring, near Munich, and its

production site in Osterfeld, eastern Germany, the company employs around 300 staff in eight countries. 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).

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