

**FSB + SimonsVoss**



**The best of two worlds**

# FSB and SimonsVoss: Design meets technology

## **Design meets technology: The best of two worlds.**

FSB and SimonsVoss share a common goal: to combine the best of two worlds. They unite the best design, the best technology and the best German-made quality. What they have brought together here meshes perfectly. FSB+SimonsVoss is the new trademark for durable, future-proof locking systems with innovative technology and the highest design standards. The locking components produced as part of our partnership offer smart energy efficiency, exceptional user comfort and elegant design. This collaboration to serve our joint customers is based on the motto: the best of two worlds.

## **Door handle by FSB: Tradition. Experience. Design.**

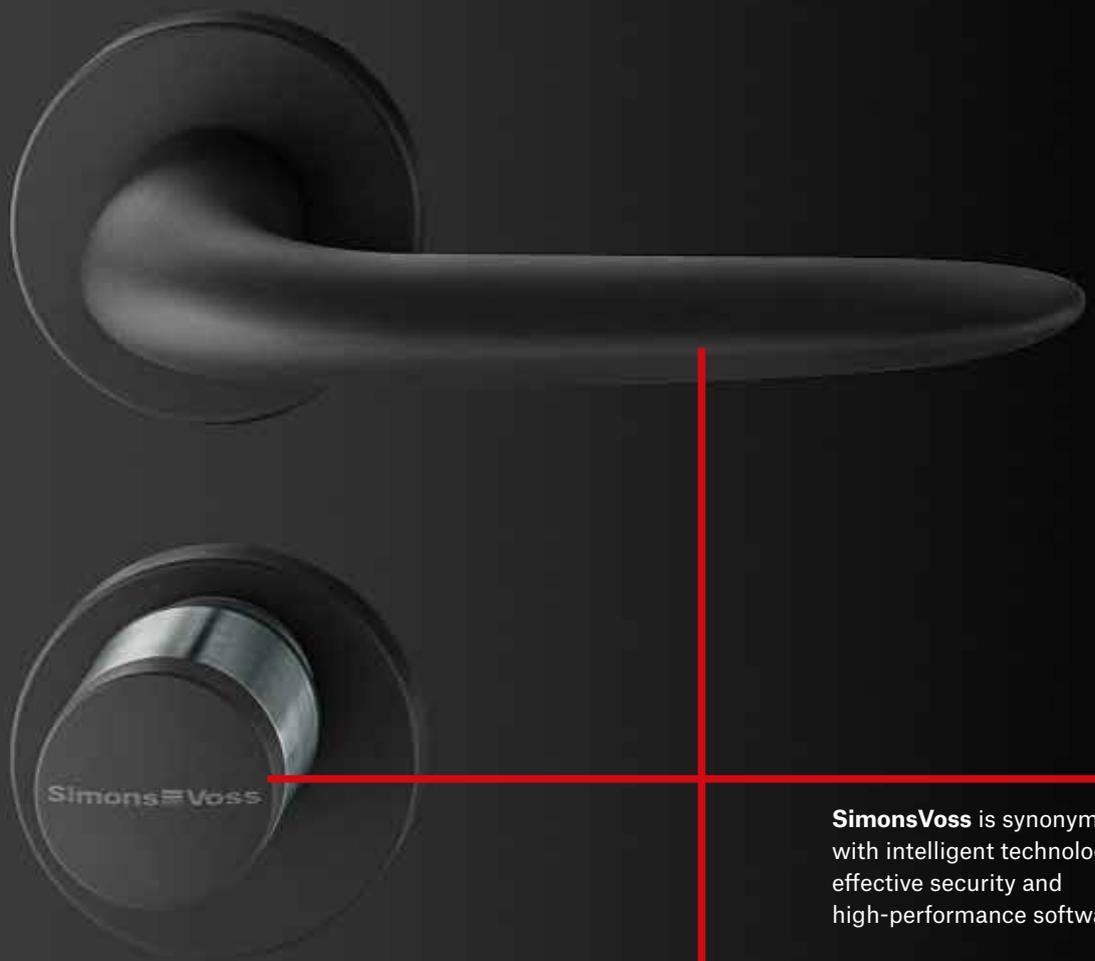
The abbreviation FSB is a synonym worldwide for aesthetically pleasing and optimally functional system solutions for doors and windows. For architects and builders, the three letters FSB stand for high-quality products perfectly crafted in contemporary materials.

Guided by the philosophy that the language of a space condenses itself in the design of the door handle, "hand extension tools" are created in the Westphalian town of Brakel. You can find their handles in buildings the world over. FSB makes architecture tangible and has been setting standards for 140 years. Unique materials expertise and decades of experience ensure functionality, a variety of designs and a choice of surfaces. At FSB, the aspiration to be far better than average at all times is instrumental in delivering products where sustainability also forms part of the tradition.

## **SimonsVoss: The finest in keyless security.**

SimonsVoss invented the digital locking cylinder more than 25 years ago. As a pioneering enterprise, the company has advanced the development of wireless locking technology and is still considered one of the technology leaders today.

Modular system solutions for industry, trade, schools, public institutions and other facilities can be assembled from a wide range of products. 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. SimonsVoss is a company in the ALLEGION Group, a globally active network in the security sector.



**SimonsVoss** is synonymous with intelligent technology, effective security and high-performance software.

**FSB** is synonymous with contemporary design, high-grade materials and perfect craftsmanship.

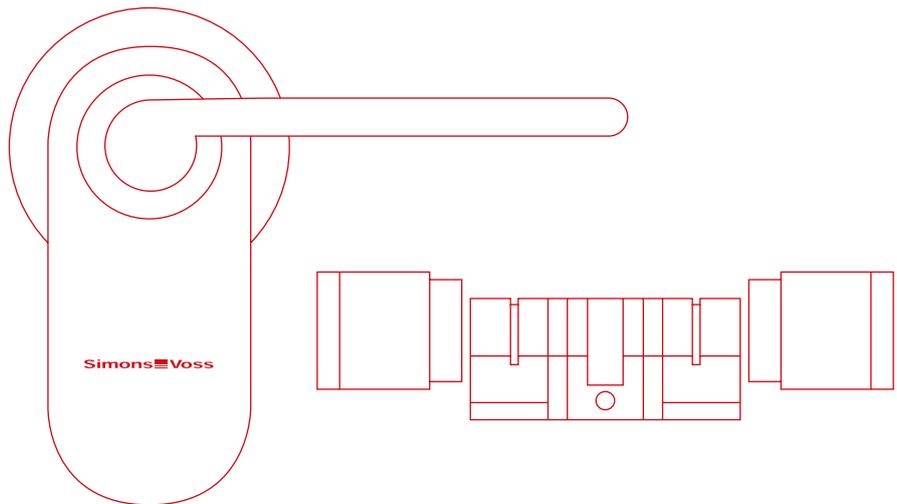
FSB 1285 + Digital Cylinder AX

# Digital locking: Explained in a nutshell

# 1

## Digital locking device

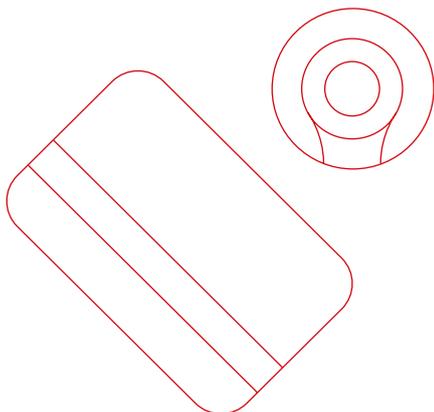
Mechanical cylinder out. Digital cylinder or door fitting installed. No wiring, no damage and no drill holes in doors. No dirt.



# 2

## Identification medium

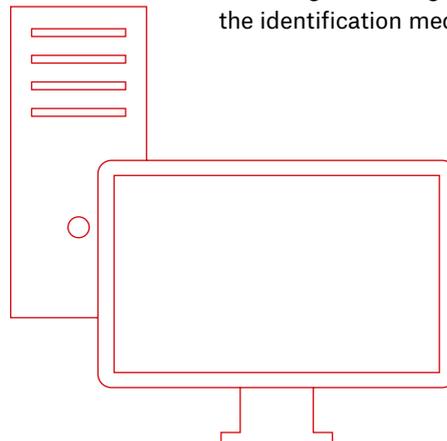
All access authorisations are stored on a single digital "key". This may be a transponder or a smart card.



# 3

## Central system control

The locking plan software stores who has access to specific areas at specific times. Authorisations are transferred to the digital locking devices and/or the identification media.



# The finest in keyless security:

## How you benefit if you open and lock digitally



FSB 1267 + SmartHandle AX

### **No problem if keys are lost**

- :: Misplaced, lost or stolen digital keys can be deactivated at any time
- :: There is no need for time-consuming replacement of mechanical cylinders and keys

### **One access medium for all locks**

- :: All locking mechanisms can be activated with a digital key
- :: Suitable for all types of doors, lifts, barriers, roll-up doors and cabinet doors

### **Greater control and security**

- :: The key holder's rights can be determined on an individual basis in digital locking systems with access control
- :: A few clicks on the PC are sufficient to determine who has access to specific areas at specific times

### **Quick, easy installation**

- :: Digital locking components are just as quick and easy to install as conventional models
- :: Installation is dirt-free with no wiring required on the door, even for retrofits



FSB 1271 + SmartHandle AX

# SmartHandle AX:

## The new generation of digital door fittings

**SmartHandle AX is the new generation of SimonsVoss digital door fittings for internal use. Their combination with FSB door handles using a specially developed adapter provides unique scope for design.**

FSB door handles with a time-tested FSB AGL® compensating bearing for heavily used doors ensure reliable mechanical durability while the SmartHandle AX electronic fitting provides maximum digital locking convenience. The positive mechanism on both sides ensures a horizontal handle position at all times. This is an integrated premium design language based on sophisticated engineering.

### All the advantages at a glance:

- :: SmartHandle AX installed without additional drill holes on doors
- :: Ideal for complex requirements and new construction projects
- :: Two backplate variants and colour versions
- :: Combinable with over 40 FSB door handle models in aluminium, stainless steel and bronze
- :: With time-tested FSB AGL® compensating bearing
- :: Durability demonstrated over more than 1 million cycles
- :: Battery life: up to 300,000 lock operations or up to 10 years on standby
- :: Variable modular design: Door thickness, centres distance and spindle

### Backplate variants



Backplate, bottom, white



Backplate, bottom, black



Backplate, top, white



Backplate, top, black



FSB 1023 + Digital Cylinder AX

# Digital Cylinder AX:

## High-quality, durable, future-proof

**The AX digital cylinder is the most powerful cylinder ever from SimonsVoss. It is also the most user-friendly: An ergonomic yet compact thumb-turn with optical and audible signals makes operation easier. The option of combining with FSB door handle fittings adds a final touch to its appearance.**

This hardware consists of the lever and the handle and key escutcheons combined with an FSB ASL® or AGL® compensating bearing. FSB ASL® is recommended for residential buildings and smaller properties while FSB AGL® is ideal for heavily used doors. Their durability, precision, flexibility and their positive mechanism ensure that the handle is always in a horizontal position.

### **All the advantages at a glance:**

- :: Fast installation without drilling on the doors
- :: Ideal for refurbishment projects and retrofits
- :: Classic handle set look
- :: Combinable with over 40 FSB door handle models in aluminium, stainless steel and bronze
- :: With time-tested FSB ASL® or AGL® compensating bearing
- :: Can be operated either online, offline or virtually networked
- :: Optional logging of the last 3,000 access events
- :: Time zone control for time-limited accesses
- :: Long-term battery operation
- :: A variety of cylinder versions, including an anti-panic and fire door version, a weatherproof design or a half cylinder

# FSB door handle models:

## Product overview

1001 ●



1003 ● ●



1004 ● ● ●



1005 ● ●



1015 ● ● ●



1016 ● ● ●



1021 ● ●



1023 ● ● ●



1035 ● ●



1045 ● ● ●



1051 ●



1058 ● ●



1070 ● ●



1075 ● ●



1076 ● ● ●



1078 ● ●



1093 ● ●



1097 ●



1102 ● ● ●



1106 ● ● ●



1107 ● ●



1108 ● ●



1135 ●



1144 ● ●



- Aluminium
- Stainless steel
- Bronze

1146 ● ●



1147 ● ●



1159 ● ●



1160 ● ●



1163 ● ● ●



1176 ● ●



1183 ● ●



1226 ●



1232 ●



1241 ●



1242 ● ● ●



1244 ● ●



1246 ●



1251 ● ●



1254 ●



1267 ● ● ●



1271 ● ●



1285 ●



## **This is FSB**

FSB is a synonym worldwide for aesthetically pleasing, optimally functional system solutions for doors and windows and much more. However, expertise acquired over more than 140 years does not “merely” produce top-quality door handles. Architects and building owners prefer to use FSB products because they also find a profound understanding of what modern building construction requires at FSB. Whether you use a classic fitting or the barrier-free ErgoSystem®, everything related to grips and handles in a renovated space is provided from a single source.

FSB is also one of the pioneers when it comes to green buildings and environmental sustainability. It can provide material- and product range-specific environmental declarations in accordance with EN 15 804 – valid for the complete delivery range with its more than 25,000 items. Last but not least, FSB also understands sustainability to include long-lasting reliability. The fact that the products are better than average is proven during exhaustive tests and inspections and in everyday use.

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## **This is SimonsVoss**

SimonsVoss, the pioneer in radio-controlled, cable-free locking technology, delivers system solutions with an extensive product range for SOHOs, SMEs, major companies and public institutions. SimonsVoss locking systems unite intelligent functions, optimum quality and German-made award-winning design. As an innovative system provider, SimonsVoss attaches great importance to scalable systems, effective security, reliable components, high-performance software and simple operation. SimonsVoss is thus regarded as a technology leader in digital locking systems. Our commercial success lies in the courage to innovate, sustainable thinking and action, and deep 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)).

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

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