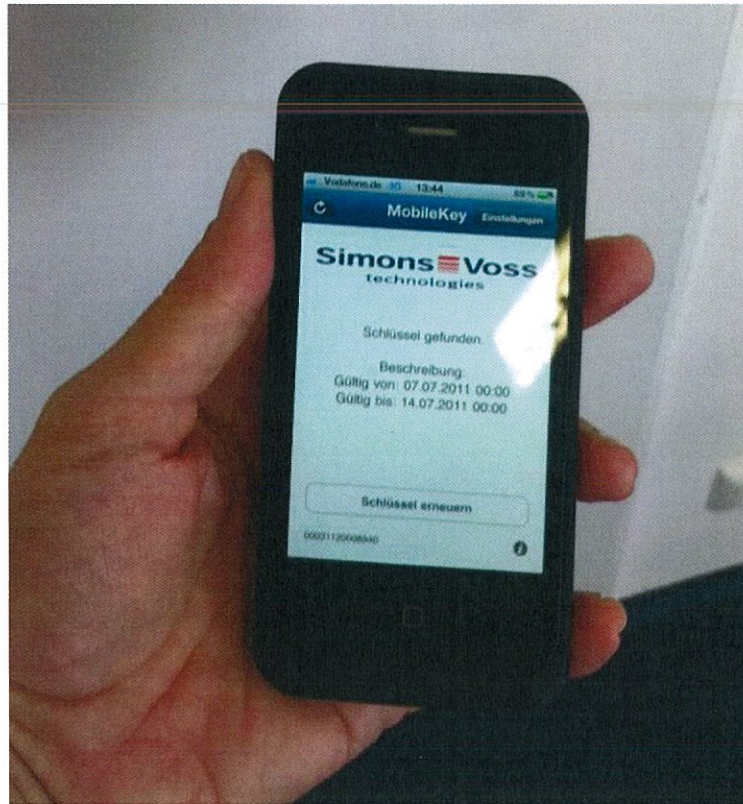


Near Field Communication
SimonsVoss Security Technologies (Asia) Pte Ltd
Booth Number: G18



SAFETY & SECURITY ASIA 2011 / MERLION AWARDS

SIMONSVOSS NFC MOBILEKEY

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SimonsVoss Technologies is the market and technology leader for secure wireless and digital access control technologies including advanced standalone, networked and virtually networked (multi-networked) solutions. SimonsVoss offers unique solutions for sporting hubs, banking, educational institutes, healthcare and residential projects by combining the latest in technology and security. SimonsVoss is one of the fastest growing companies of its kind and market leader in cylinder locks and active transponder technology. **SimonsVoss Security Technologies (Asia) Pte. Ltd.**, headquartered in Singapore, is the Asian subsidiary of SimonsVoss Technologies AG responsible for channel development, technical support and partner development in Asia.

History of SimonsVoss Technologies AG

Founded in the 1995 by **Mr. Ludger Voss (CTO & Software Development)** and **Mr. Herbert Meyerle (Hardware Development)**, with the objective to increase comfort and improve user-friendliness in the application of locking systems. In 1997, the company's focus was the development of an extremely low-energy electronic for use in system components, innovative mechanical functions and the active transponder technology as the core for operating all system components. In the same year, an electronic lock with no external cabling was introduced as the company's first major breakthrough.

In 1998, SimonsVoss introduced to the World the first digital locking cylinder without external cabling during the Security Fair '98. Later that same year, the digital locking cylinder went into mass production. In 1999, the SimonsVoss product platform range was expanded and important extensions added to the well-received groundbreaking technology.

In 2000, the company's headquarters was moved from Munich to Unterföhring. Deutsche Venture Capital Gesellschaft (DVCG), a subsidiary of the Deutsche Bank, and Temasek Holdings joined as shareholders. Later that same year foreign offices were opened in Paris and the Republic of Singapore.

Today, SimonsVoss continues to expand upon its leading technology platform. Recent technology introductions include SimonsVoss TCP/IP-Ethernet WaveNet Wireless Networking, NFC iPhone application, SmartHandle and SC Cylinder technologies.

As of 2010, SimonsVoss employs more than 230 staff worldwide with the headquarters in Unterföhring, Germany, manufacturing location in Petersberg, Germany and foreign offices located in France, United Kingdom, USA, Netherlands, Austria, UAE, Malaysia and the Republic of Singapore.

A. Product Innovation:

All SimonsVoss SmartCard products can be operated via mobile phones with NFC capabilities. Authorisations (keys) can be transmitted from the LSM to a continuously operating OTA (Over The Air) server. With the SimonsVoss App the encrypted information can be downloaded from the OTA server and stored in the NFC Chip. SimonsVoss locking components, SimonsVoss Digital Locking Cylinders and SimonsVoss SmartHandles can be activated via SimonsVoss MobileKey.

B. Design:

B.1. Advantages

The SimonsVoss NFC Application, i.e. "MobileKey" is an ingenious design providing practical solutions and convenience to mobile phone users without compromising security. It provides maximum technology and application flexibility.

Enhanced Features: The new design includes the following feature enhancements:

- All mobile phones with integrated NFC technology can be used as access control security credential
- For mobile phones without NFC chips, adapters / clips fittings are available
- The SimonsVoss MobileKey App works with IOS and Android systems
- Any authorisation can be limited in time between 1 and 255 hours

C. Benefits to consumers:

C.1. Convenience

The SimonsVoss MobileKey application is FREE and can be downloaded easily by iPhone and Android users.

D. User-friendliness of product:

The SimonsVoss NFC Application requires only three components to work;

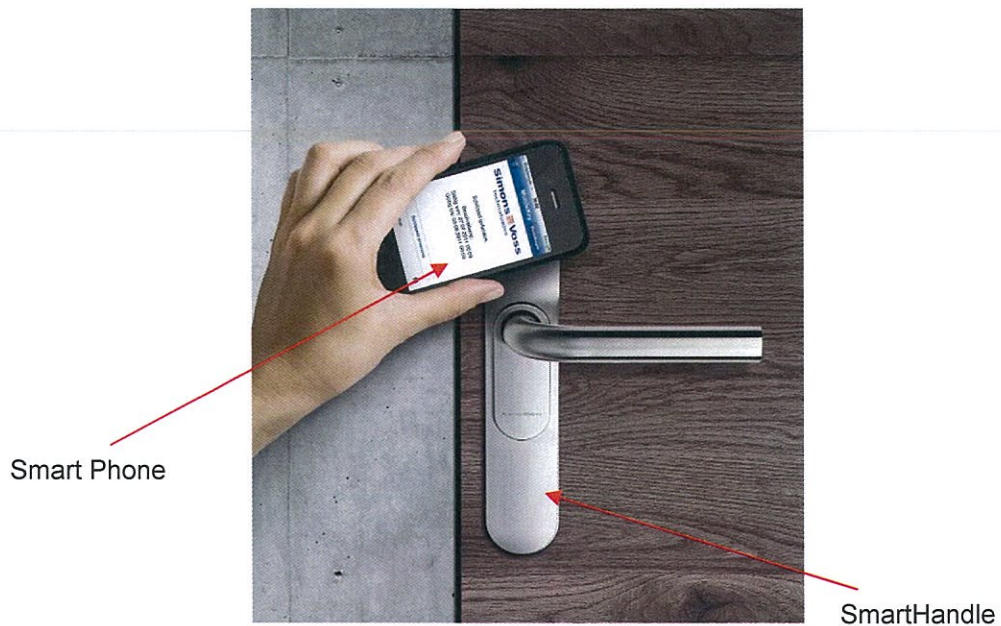
1. Smart Phones i.e. iPhone, Blackberry etc,
2. SimonsVoss Smart Card locking components
3. and App Software

A user just needs to tap their authorized Smart Phone at the Digital Locking Cylinder – SC or SmartHandle SC to unlock the door. (Refer to Annex A)

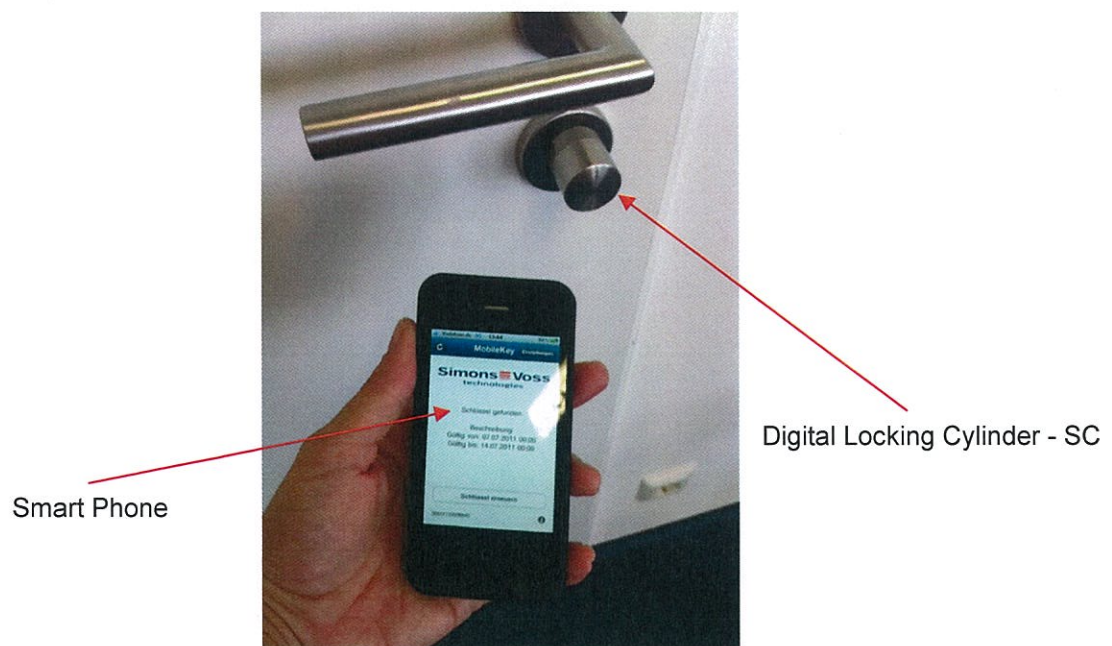
E. Significant of Unique feature:

- Free Application – Available mostly in Smart Phones for download
- Convenience
- First of its kind to be used worldwide

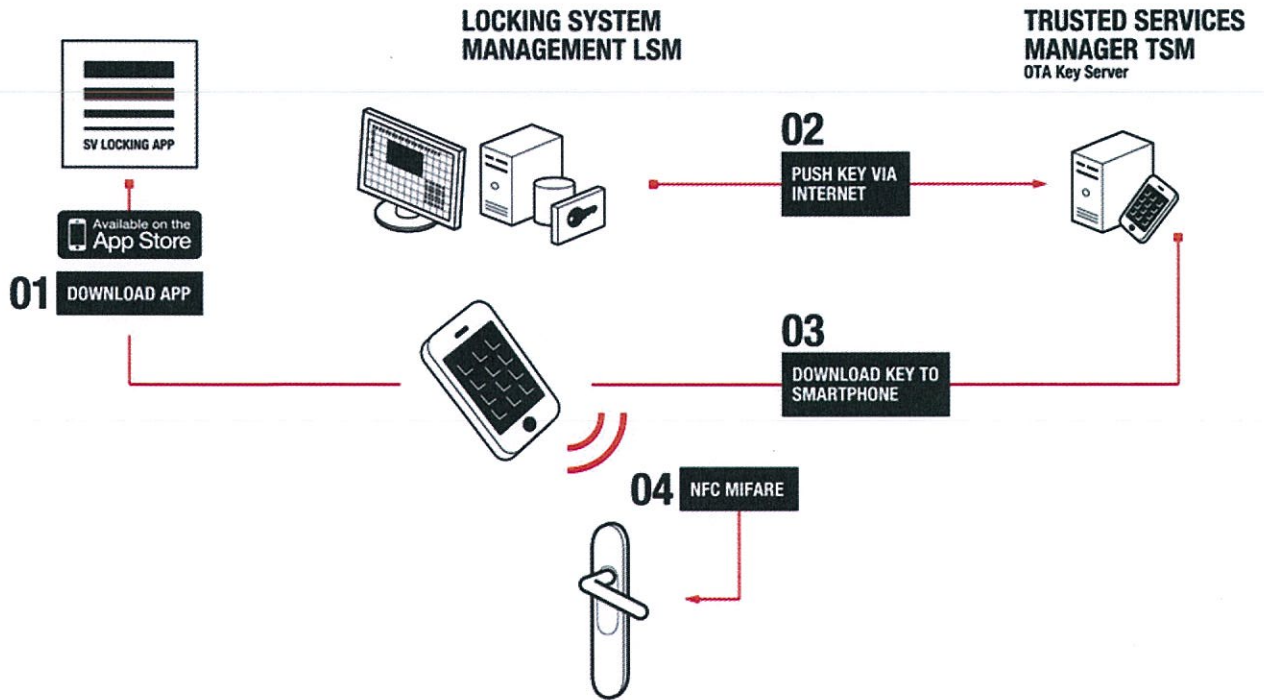
Annex A



Tap the Smart Phone on the SmartHandle and hold. A blue light indicates activation by pushing down the handle to unlock the door.



Tap the Smart Phone on the knob of the Digital Locking Cylinder - SC and hold. A blue light indicates activation by pushing down the handle to unlock the door.



- All SimonsVoss SmartCard products can be operated with NFC
- Authorisations (keys) can be transmitted from the LSM to a continuously operating OTA (Over The Air) server.
- With the SimonsVoss App the encrypted information can be downloaded from the OTA server and stored in the NFC Chip
- SimonsVoss locking components can be opened with the mobile phone now