

PRODUCT INFORMATION
LOCKING SYSTEM MANAGEMENT 3.3
SERVICE PACK 1

BASIC
BASIC ONLINE
BUSINESS
PROFESSIONAL

VERSION DATE: JUNE 2016

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PRODUCT INFORMATION
 LSM 3.3 SP1 Basic, Basic Online, Business, Professional

1.0 PRODUCT INFORMATION

1.1. LOCKING SYSTEM MANAGEMENT 3.3 SP1

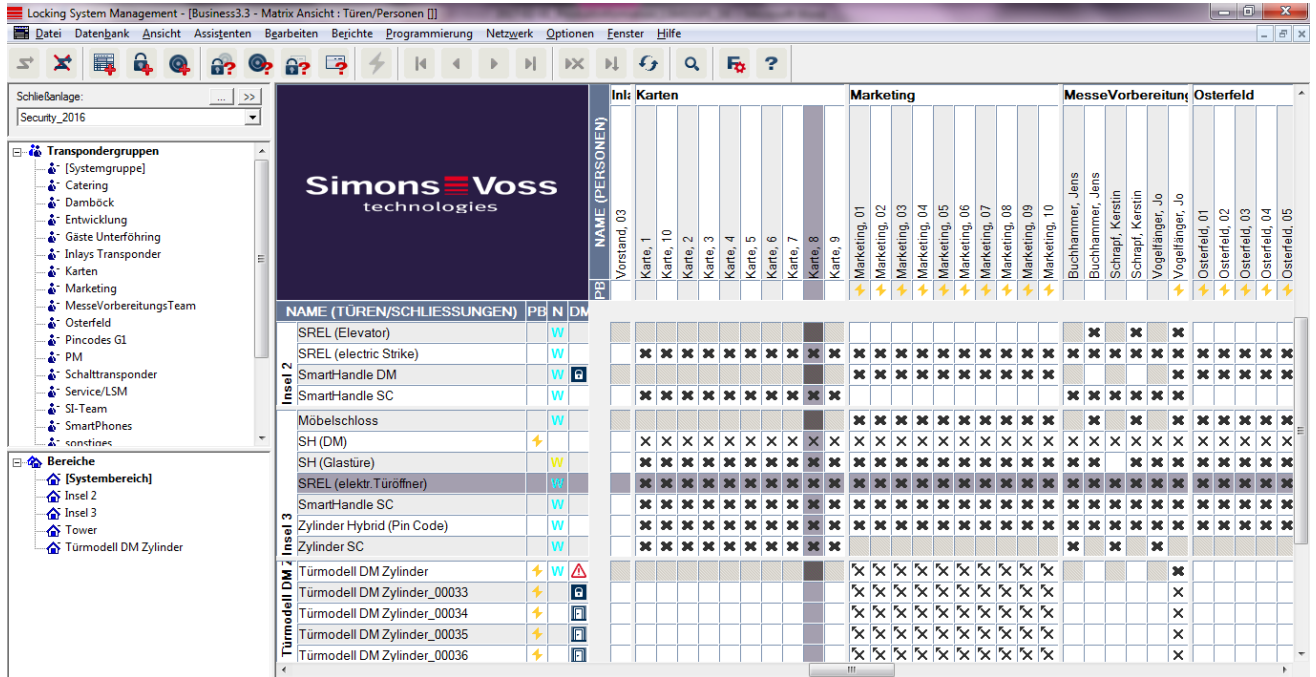


Figure 1 - Example system in LSM 3.3

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1.2. SHORT PRODUCT DESCRIPTION

Version 3.3 of the LSM software series further enhances SimonsVoss locking device and locking system management products and components.

Developments in door monitoring, card technology, ID media, programming devices and multi-network components require new software functions.

Service Pack 1 (SP1) for LSM 3.3 is valid for LSM Basic, Basic Online, Business and Professional. No services pack is currently scheduled for LSM Starter 3.3.

Service Pack 1 contains improvements related to stability and operational reliability, particularly for programming, the use of LSM Mobile and for virtual networking.



Figure 2 - New components in LSM 3.3: SmartHandle Hybrid and SmartHandle DoorMonitoring

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2.0 PRODUCT ENVIRONMENT**2.1. SYSTEM REQUIREMENTS**

- Local administrator rights for installation
- Communication: TCP/IP (NetBios active), LAN (recommended: 100 MBit) (NetBios may be disabled under certain conditions)
- Windows domains (not required for single workstation installations)
- Name resolution
- .NET Framework: min. 2.0 for LSM and 3.5 for CommNodeServer (CNS)
- Windows Mobile Device Center 6.1 in conjunction with a PDA
- USB port(s):

CLIENT (LSM STARTER, LSM BASIC, LSM BUSINESS, LSM PROFESSIONAL)

- Monitor at least 48 cm (19") (or larger for displaying the matrix screen) for large systems → recommended
- Screen resolution at least 1,024 x 768; recommended: 1,280 x 1,024
- Processor: at least 2.66 GHz (or faster)
- At least 2 GB RAM
- Hard disk size: about 500 MB (about 1 GB during installation); database depends on the scope of the processed data (about 30 MB)
- MS Windows Vista (Business, Ultimate), 32 or 64 bit
- MS Windows 7 (Professional, Ultimate), 32 or 64 bit
- MS Windows 8/8.1 (Professional), 32 or 64 bit
- MS Windows 10 (Professional), 32 or 64 bit

SERVER (DATABASE SERVER WITH LSM BUSINESS AND HIGHER)

- Processor: min. 2.66 GHz
- At least 2 GB RAM
- Hard disk size for program: about 500 MB (about 1 GB during installation); database depends on the scope of the processed data
- MS Windows Server 2003, 2008, 2008 R2, 2012 or 2012 R2
- .NET Framework at least 3.5 when using the CommNode Server
- Server-based application: approval is required for a database directory on the ADS server (approval does not require any rights)

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2.2. INFORMATION ON INSTALLATION

The LSM 3.3 Service Pack 1 is available as a complete installation. Users with an older version (3.2 or older) need to completely uninstall LSM first. If updating from a previous version, you must acquire LSM 3.3, including the modules contained in the LSM Basic, Basic Online, Business or LSM Professional editions, and register the modules concerned.

There is an update installation file for customers who have already installed LSM 3.3. This file checks whether Version 3.3 has already been installed. There is no need to re-register LSM 3.3 modules already registered.

The update installation files are available at [INFOCENTER >> DOWNLOADS](#) on the SimonsVoss website.

2.3. DEPENDENCIES

All LSM software components, such as LSM Mobile PC, LSM Mobile PDA, CommNode Server, CommNode Agent, the VN administration program, SIK, transponder terminals and similar, are available in versions which are compatible with LSM 3.3. Installation must be started separately for some of these components.

There is a separate version of SP1 for the CommNode server, which must also be installed if you update from LSM 3.3 to 3.3 SP1.

2.4. WHAT CLIENTS IS SP1 RECOMMENDED FOR?

The LSM 3.3 SP1 update is recommended for the following users:

1. Users with databases which contain a number of locking systems
2. Users who work with LSM Mobile and have switched off inheritance to some extent
3. Users with an inexplicable programming requirement
4. Users with Virtual Network (VN)
5. Users who report other problems

In contrast, there are no reasons why SP1 should not be installed.

3.0 TECHNICAL SPECIFICATIONS

Technical specifications

Supported operating systems	Windows Vista, Windows 7 and Windows 8/8.1, Windows 10 (we recommend using the Professional versions) Installation in virtual environments (Microsoft HyperV, VMware VSphere Client Version 5.1.0, VMware ESXi Version 5.1.0 approved).
Integrated database	Advantage Database Server (ADS 11)
Active media	SimonsVoss G1 and G2 transponders
Passive media	MIFARE Classic, MIFARE DESFire and MIFARE Plus technology, certain NFC phones
Upgrade	An upgrade to higher LSM editions is possible; any projects already created remain valid

4.0 RELEASE NOTES

Changes compared to LSM 3.3 – Summary:

- Enhanced performance
- Improvements and corrections to the virtual network
- Faster export to LSM Mobile
- Optimisation of WaveNet, including faster registering for WaveNet LockNodes
- Bug fixes for displayed programming requirement
 - Programming requirement for MP locking cylinder after update from 3.2 to 3.3
 - Programming requirement due to deleted, deactivated transponder after changing from LSM 3.2 to 3.3: this is due to a new calculation of block IDs and increases system security. The programming requirement is due to the deletion of G2 transponders which were added to the system at a later date.
 - If the locking system type is changed back from VN to a regular system, the programming requirement can be met as normal again.
- Fixing a database error: deactivation feedback signals can now also be easily evaluated for replacement transponders using LSM.
- Bug-fixing in terminal server environment: the Smart CD.MP programming device can now be looped through a terminal server connection
- Internal version number for LSM 3.3 SP1: **3.3.11115**