

PRODUCT INFORMATION
LOCKING SYSTEM MANAGEMENT 3.4
SERVICE PACK 1

BASIC
BASIC ONLINE
BUSINESS
PROFESSIONAL

VERSION DATE: MAY 2018

PRODUCT INFORMATION
LSM 3.4 Basic, Basic Online, Business, Professional

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1.0 PRODUCT INFORMATION

1.1. LOCKING SYSTEM MANAGEMENT 3.4 SP1

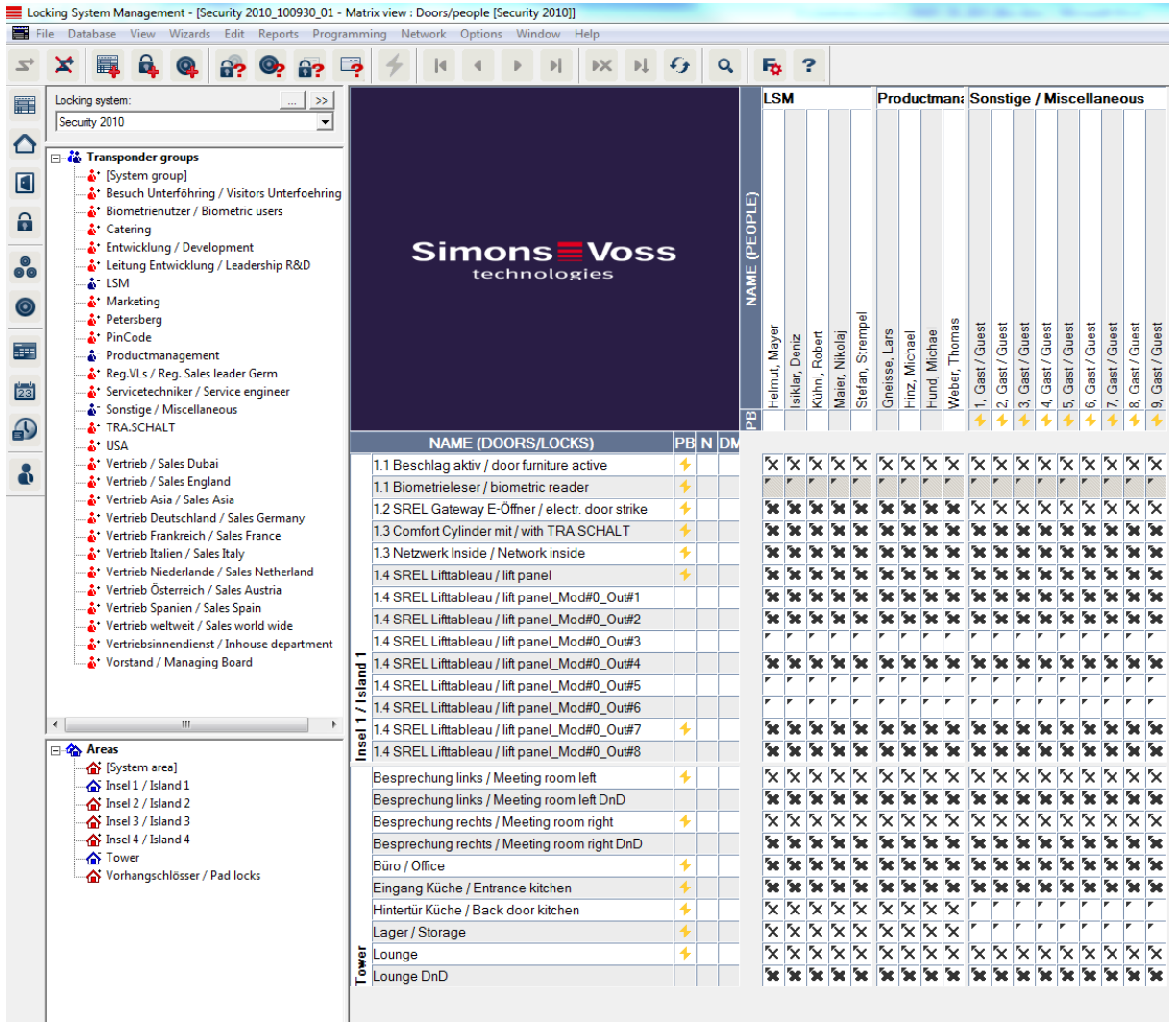


Figure 1 – Example system in LSM 3.4 SP1

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1.2. SHORT PRODUCT DESCRIPTION

Version 3.4 is a consequent further development of the LSM software series. The software supports new hardware components and offers extended functions.

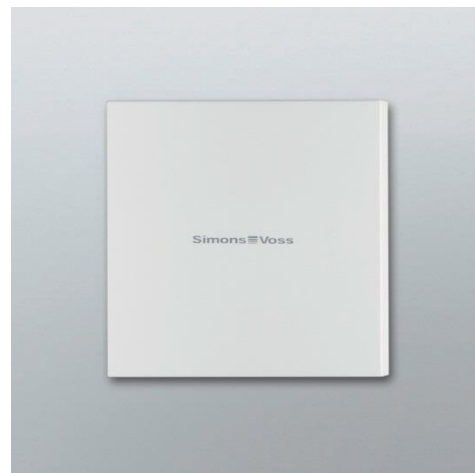
Fundamental new features:

- High-performance virtual network thanks to support for the new SmartRelay 3 Advanced
- Supports SmartHandle AX (once hardware becomes available)
- "Smart.Surveil" door monitoring tool
- Automated registration process

Improvements have also been made to stability and operational reliability and further functions added to the application software. Due to the new "General Data Protection Regulation" (GDPR) also some new functions were added.



Controller unit



External reader unit

Figure 2 – SmartRelay 3 Advanced

2.0 PRODUCT ENVIRONMENT

2.1. SYSTEM REQUIREMENTS

- Local administrator rights for installation
- Communication: TCP/IP (NetBios active), LAN (recommended: 100 MBit)
 (NetBios can be disabled under certain conditions)
- Windows domain (not required for single workstation installations)
- Name resolution
- .NET Framework 4.0 Client
- USB port(s):

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

- Monitor at least 48 cm (19") (or larger to display 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 volume of the processed data (about 30 MB)
- MS Windows 7/8/8.1/10 (Professional), 64 bit

SERVER (DATABASE SERVER WITH LSM BUSINESS AND HIGHER)

- Processor: at least 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 volume of the processed data
- MS Windows Server 2008, 2008 R2 or 2012, 2016
- .NET Framework at least 4.0 when using the CommNode Server
- Server-based application: an licensed ADS server for the database directory is required
- Virtual environments: Microsoft HyperV, VMware VSphere Client Version 5.1.0, VMware ESXi Version 5.1.0

IDENTIFICATION MEDIA

Active media: SimonsVoss G1 and G2 transponders

Passive media: MIFARE Classic, MIFARE DESFire and MIFARE Plus technology

2.2. REGISTRATION

The LSM 3.4 Service Pack 1 is available as a full installation. Users with an older version (3.3 or older) must uninstall it completely first. When updating an older version, LSM 3.4 must be purchased and the corresponding modules registered. Single modules can only be purchased within the defined editions.

An update installation file is available for customers who have already installed LSM 3.4. This checks whether a 3.4 version is already installed. Modules already registered with LSM 3.4 do NOT need to be re-registered.

The update installation files will be available on the SimonsVoss website under <https://www.simons-voss.com/en/support/software-downloads.html>.

2.3. DEPENDENCIES

LSM Mobile PC/DA, CommNode Server, VN Host Server, VNAdministrator, Smart.XChange, SIK/SIK.Console and transponder terminals are available in versions which are compatible with LSM 3.4. Installation must be launched separately for some of these components.

The VNHost Server service is also installed for projects with a virtual network which are operated using SmartRelay 3 Advanced as a gateway.

3.0 RELEASE NOTES

Changes and bug fixes compared to LSM 3.4 - Summary:

- Increased performance
- Display errors at changing time-controlled authorizations
- Wrong default values for the expiry date for G1 transponder
- Error message if two holidays are created and programmed without an intermediate day
- Missing name for transponders without authorizations in reports
- Template 2500L_AV audit trail list is not selectable
- Bug fixes regarding displayed programming requirements
 - Incorrect programming requirement for deactivated and reset transponders
 - Programming requirement after deleting transponders (VN system)
 - Wrong programming requirement in the LSM Mobile for G2 Hybrid cylinders
- Several translation errors fixed
- Internal version number of LSM 3.4 SP1: 3.4.10630