

LOCKING SYSTEM MANAGEMENT SOFTWARE

Release Notes Version 3.1 SP2 (3.1.20412)
June, 2012

1.0 PRELIMINARY REMARKS

This version is primarily intended to complement modified hardware products. A few adjustments have also been made to user support and the use of pre-configured customer cards.

1.1. NAMES USED

LSM LSM Basic Edition, LSM Business Edition, LSM Professional Edition
LSM Mobile PC LSM Mobile Edition PC for use on a netbook / laptop
LSM Mobile PDA LSM Mobile Edition PC for use on an approved PDA

1.2. PREREQUISITES

You must take the respective system prerequisites and compatibilities into account before using the software.

2.0 NEW PRODUCTS

2.1. CARD PRODUCTS

Customer cards must be tested and approved by SimonsVoss before they are put into use. The SimonsVoss field sales team manages the verification process.

2.1.1 CARDS

- MIFARE®Classic
- MIFARE®DESFire

3.0 MODIFICATIONS TO THE LSM SOFTWARE

3.1. REGISTRATION

- Integration of modules LSM.NFC (add-on with NFC technology in conjunction with a smart phone) and LSM.SIK (software interface kit (SIK) to interlink third-party systems with the LSM database)

3.2. NEW CARD CONFIGURATIONS

- 'MIFARE Classic+DESFire' for the following firmware versions for hardware and higher:
 - Cylinder SC 2.5.25
 - Smart Handle SC 2.7.23
 - Compact Reader 2.9.16
 - Smart Relay 2 3.1.16
 - Smart CD.G2 9.10.4.40
 - Smart CD.HF 1.43.03

LSM – RELEASE NOTES

When selecting templates, you should consult the 'Card Management' section and the corresponding card overview in the 'LSM Manual'.

- When a network or several workstations are used (in LSM Business Edition and higher), the Smart CD.HF card programmer is only needed to programme the first lock with a card interface (SC). After that, the card configuration is then available for use on other workstations, the CommNodeServer or for exports into LSM Mobile Edition PDA. If the card configuration needs to be modified, you only need to re-programme one lock with a card interface (SC).
- When card configurations are modified, a message will appear informing you of the removal of existing functions.

3.3. NETWORK

- If the computer name cannot be cancelled using DNS (or HOSTS file) because the name is incorrect or DNS is not functioning, a corresponding message is now displayed.
- You now have the option of changing the computer name if a communications node, such as a CommNodeServer, already exists. This makes changing the configuration easier if the server is moved (change of computer) or the computer is replaced due to a hardware defect. The configuration files (*.xml) for the communications node must be transmitted and the software components re-started after the name for the communications node is changed.
- The network tasks of activation/ deactivation/ emergency release can be implemented as a segment broadcast, i.e. one protocol is transmitted per WaveNet segment that is carried out by all nodes in the segment simultaneously.
Prerequisites (verified automatically):
 - LNI: Firmware TM >= 30.4
 - RouterNode / CentralNode : Firmware TM >= 30.4
 - Configuration under a task's properties:
Select the corresponding type from the list: 'activation', 'deactivation', 'emergency release'
Check box for 'Broadcast'
Locks/Edit – Select a node per segment (if several nodes are selected per segment, only one node is saved to represent the rest of the segment).

3.4. TRANSPONDER TERMINAL

- The display for individual steps has been revised.
The configuration file *TransTermSvr.ini* in the installation folder can be used to determine whether the name of the transponder holder is shown on the display:
 - SHOW_NAME=1
Default setting – do not display, then "Programming successful" is displayed.
- Completion message is displayed for longer.

3.5. OPERATION

- Performance in establishing the programming requirement for the display and in reports has been improved.
- More key shortcuts have been introduced to make the system easier to operate:
 - Read out/reset G2 Card Ctrl+Shift+F

LSM – RELEASE NOTES

Page 3

- Read out/reset Compact Reader Ctrl+Shift+M

3.6. ELIMINATED FUNCTIONS

- Creation of a password transponder, as this is no longer needed in the software.
- Support for PalmLDB, as this software is no longer supported. Follow-up version is LSM Mobile Edition PDA.

3.7. LSM MOBILE EDITION

- Updating of displayed data after programming has been revised
- Improved distinction between older database versions

4.0 BUGFIXES

4.1. COMPLETION OF TASKS VIA A CENTRAL USB NODE

The 'emergency release', 'remote opening', 'deactivation' and 'activation' tasks on SREL2 with LN_I_SR2 used to be interrupted due to 'radio errors'.

4.2. DELETION OF TRANSPONDER VIA SEARCH

When non-programmed transponders were deleted via search, the number of unassigned G2 transponders (TIDs) was not adjusted in the locking system's properties.

4.3. SEARCH FOR COMPONENTS BY PHI

A lock was not found when the assigned card interface's PHI (decimal or alphanumeric) was used to search for it.

4.4. CHANGE TO SC LOCK CONFIGURATION WHEN USED FOR ENTRY

When a VN or physical access list was used in card systems, a change was caused to the lock configuration in older firmware versions after a card was used to gain entry. This change meant that subsequent entry was no longer possible using a card. In these new firmware versions, programming now prevents card configuration from using a VN and the writing of physical access lists. An error message appears if the user attempts to do so.

4.5. DEACTIVATION OF CARDS IN VN SYSTEMS

If lock IDs are allocated in virtual network systems with cards, the programming requirement is only displayed until the lock ID is saved to all SC locking components (e.g. Smart Relay 2 with several readers). This function is not available for cylinders with several Compact Readers.

4.6. 'ACCESS LIST ADMINISTRATION' ROLE WITHOUT USERS

If a new user group was created with an 'Access list administration' role which was not allocated any users and then the 'Access list administration' box was unchecked in the 'Administrators' user group, no warning message would appear. The 'Access list administration' role can no longer be assigned in this database. A warning message now appears in this respect.

4.7. LOCKS WITH GREEN PROGRAMMING REQUIREMENT

If the 'Locks with programming requirement' option was selected in 'Select locks' when exporting onto a PDA, locks with a green flash (programming requirement due to replacement transponder in overlay mode in G1) were not available for selection. These are also included now.

4.8. MOVING TRANSPONDERS IN G1

When transponders were moved from one transponder group to another, the programming requirement was not displayed correctly.

4.9. IMPORT OF DOORS

When one of the existing doors was imported, it was not possible to complete the process correctly, meaning that the LSM no longer responded.

4.10. REPLACEMENT TRANSPONDER WITH INCORRECT TID

If a replacement transponder was created when a transponder was deactivated in an exclusively G1 system, the 'G2 transponder' also received a G2 TID by mistake.

4.11. CHANGING LOCKING SYSTEM PASSWORD IN G2 CARD SYSTEMS

After the G2 locking system password was changed, programmed G2 cards could no longer be read or reset.

4.12. REPLACEMENT TRANSPONDER WITHOUT G1 TID

In a mixed locking system in overlay mode and in the 'Automatically assign G1 TIDs' option, a G1 TID was sometimes not assigned when a transponder was deactivated and the corresponding replacement transponder was created.

4.13. HANDLING OF MODULE OUTPUTS IN DIFFERENT AREAS

If the module outputs in a Smart Output Module in an Advanced G1 Smart Relay were assigned to different areas and were then later deleted from these areas, the corresponding module output remained assigned and could not be assigned elsewhere. It is now assigned to the corresponding Advanced Smart Relay area.

4.14. CONFIGURATION FOR PHYSICAL ACCESS LISTS

It is possible to configure the transponders in the SimonsVoss System 3060 in such a way that no data is available regarding the use of transponders for entry on individual locks.

4.15. ISSUING OF AUTHORISATION IN THE MATRIX

When rights were issued in the matrix using block selection, the authorisation checks were sometimes not set correctly in the case of a change in an area or transponder group.

4.16. PRINT PREVIEW OF DOORS IN TRANSPONDERS

Doors with the same name but in a different building structure (site, building, floor or room number) were sometimes not displayed in the print preview showing an overview of authorised doors for a particular transponder.

4.17. UPGRADING LSM 3.0 TO LSM 3.1 SP1, UPDATING LSM 3.1 TO LSM 3.1 SP1

Depending on the modules used, updates and upgrades were sometimes incomplete when changing to SLM 3.1 SP1. Registration was cancelled with a message indicating an error in the consistency check. Such databases need to be repaired by SimonsVoss.

4.18. ALLOCATION TO A GLOBAL LEVEL

If a lock was assigned to a colour level after its initial programming and the data was re-programmed using LSM Mobile Edition instead of using a workstation, an error occurred during import.

4.19. OVERVIEW FOR EXCEPTIONS IN TIME ZONE MANAGEMENT

It used to take an unexpectedly long time to generate the overview for 'exceptions in time zone management'. Generation has been speeded up by improving the retrieval process.

4.20. DEACTIVATING USERS

The administrator was unable to deactivate an LSM user.

4.21. PROGRAMMING SMART RELAY2

When programming a Smart Relay 2, sometimes the extended configuration was not written to completion and was thus not available.

4.22. SOFTWARE RESET FOR TRANSPONDERS

A manually extended serial number was not reset when the software was reset for a transponder.

4.23. ACCESS LIST FOR PIN CODE TERMINAL USERS

When a lock with a pin code terminal was used for entry, the system did not always transmit and save the right TID in the access list.

4.24. CHANGING AUTHORISATION ON A PDA

If modifications were made to authorisations for exported locks on a PDA, it was possible that not all changes were accepted during an import.

4.25. NEW TRANSPONDER GROUP - NAME ALREADY EXISTS

If an existing name was entered when a new transponder group was created, a database error would be displayed instead of a notification message.

4.26. INCORPORATING COMPACT READER FOR ACCESS EVENTS

The Access Event function can now also be selected on a Compact Reader. To do so, an access event needs to be allocated to the Compact Reader.

4.27. COUNTER FOR RESETS (SOFTWARE RESET)

The software reset counter would not increase in transponder properties. There were also no entries in actions and in the log.

4.28. NO PROGRAMMING REQUIREMENT WHEN EXPIRY DATE MODIFIED

When the expiry date was activated in the transponder properties at a later date, no programming requirement message was generated in the matrix.

4.29. EXPORT INTO THE VIRTUAL NETWORK

Transponder tasks resulting from authorisation modifications to deleted locks were not displayed correctly and were not exported to the gateways.

4.30. DEACTIVATING THE BATTERY WARNING ON THE COMPACT READER

The option 'No audible battery warning' was not implemented correctly for the Compact Reader.

4.31. CHANGE FOR SWITCH TO SUMMER TIME

The associated programming requirement was displayed for changes regarding the switch to summer time in the 'Local time zone' window, but the changes were not written when programming was updated in locks.

4.32. GENERATING 'TRANSPONDER ISSUE' REPORTS

The 'Transponder issue' report generation sometimes took longer than expected in very large locking systems. Generation has been improved by adapting the retrieval process.

4.33. TIME CHANGEOVER IN OLDER G2 LOCKS

The correct firmware decision on providing the 'extended time changeover' for G2 locks has been adjusted.

4.34. IMPORTING PERSONAL DATA FROM CSV – CONFIGURATION

It was not possible to deselect the 'First row contains field names' function. This function is available in the 'Import settings' dialogue (Options -> Extended -> **Import personal data from CSV file -> Change**).

4.35. LABEL PRINTING

When the text for a door name was too long, it was simply cut off. There are now two lines available for door names.

4.36. CREATION OF AN ACTIVATION TRANSPONDER

The message indicating that the wrong hardware is being used when creating an activation transponder has been re-phrased to make it easier to understand.

4.37. ACCESS LOG CONFIGURATION

A check mark was activated for 'Log unauthorised access attempts' for a lock (SC Cylinder) before initial programming. A lock was then programmed without the access control function. The unavailable configuration was displayed incorrectly. There was also no warning regarding the missing access control function.

4.38. CHANGE TO THE CARD CONFIGURATION

When functions were reduced by modifying the card configuration, such as the elimination of the write function by locks, such changes were not modified correctly when existing cards were re-programmed, meaning that it was sometimes not possible to open a lock.

4.39. INCORRECT DEACTIVATION ACKNOWLEDGMENT IN THE GATEWAY

A firmware error meant that acknowledgements on the gateway card reader were transmitted incorrectly and not displayed fully.

4.40. MULTIPLE COPYING OF CARDS

A G1 TID would also be added by mistake when multiple copies were made of cards for transponder type 'Card G2' in the software.

4.41. CHANGING A COM PORT ON A CENTRAL NODE

If a central node's COM port was changed in the device manager, this change was not implemented in WaveNet Manager.

4.42. PROGRAMMING OF SEVERAL CARDS

When several transponder media were programmed, the option 'Switch to the next transponder after programming' was used. However, the same card was still displayed in the selection after programming was successfully completed.

4.43. USE OF THE SEARCH OPTION

The options for further editing of object properties have been improved for the use of the search option and results.

4.44. PROGRAMMING REQUIREMENT REMAINS FOR COMPACT READER

The programming requirement remains in force in LSM Mobile after the programming process is complete. Once imported into LSM, the programming requirement is no longer displayed.

4.45. LOCKS WITH A CARD INTERFACE

If locks with a card interface were first programmed with LSM Mobile, other programmes could only be implemented to a limited extent. As a basic rule, initial programming for all

system components must always be implemented at a workstation as per the specifications.

4.46. INCORRECT ENTRIES IN ACCESS LIST

After an emergency opening was implemented with LSM Mobile, the access was displayed incorrectly in the LSM Mobile access list. The correct entry was shown after import into LSM.

4.47. INCORRECT FUNCTION DISPLAY IN BIOMETRIC READERS

The 'Transponder list' task was run. This task was hidden as the transponder list is read under 'Change transponder' > 'Verify'. The task required for processing and its display have been reengineered in this respect.

5.0 NOTICES

5.1. UPGRADE LSM 3.0 TO LSM 3.1

After LSM 3.0 has been upgraded to LSM 3.1, there is a programming requirement in locks without virtual networking. This is related to the activated time correction function (default setting in LSM 3.0) which may lead to problems in systems without virtual networking (e.g. when expiry dates, time zone plans and access log are used). The components need to be re-programmed.

5.2. WINDOWS SERVER 2008 R2

VN server on a Windows Server 2008 R2 .Net Framework 3.5 SP1 must be activated after the CommNodeServer has been installed. Also see:
<http://blogs.msdn.com/b/sqlblog/archive/2010/01/08/how-to-install-net-framework-3-5-sp1-on-windows-server-2008-r2-environments.aspx>.
The LSM displays error code 91 in this case.

5.3. TERMINAL SERVER ENVIRONMENT AND CARD MANAGEMENT

A card reader must be connected to the client or the server to programme smart card products. The serial interface on the card reader on the client PC must be looped through to the terminal server to allow cards to be programmed using a terminal server session. Also see settings for a remote desktop connection.

If the card reader was connected to Port 15 on the client PC, then you need to set Interface 15 on the terminal server. To check whether the port is available, you can run the 'Change port /query' command on the terminal server. This port must then be set to the right number in the user Ini file (%user%.lsc) in the [COMMON] a key *CardReaderPort* range.

5.4. EVENTS MANAGER IN WINDOWS VISTA OR WINDOWS 7

Due to the operating system user administration, it is not possible to using the 'Run file' option to launch any program which requires interaction with the user, such as an input or confirmation This option is exclusively designed to run programs (e.g. *.bat) in the background.

5.5. GLOBAL TRANSPONDER PHYSICAL ACCESS LIST

The physical access list only contains the lock's LID. This is because, due to the global function, it is not possible to clearly distinguish whether a lock has been accessed from the black level of the same database or the lock has been accessed from a third-party locking system in which this colour level is also authorised.