Version: May 2011



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NOTE:

In the explanations of the various functions of the system, the focus is on operating the software. Please refer to the individual product manuals for descriptions of the individual product features, fittings and functions.

It is important to comply with the product approvals and system requirements when installing and operating the products. SimonsVoss accepts no liability and cannot provide support for installation or operation which deviates from these instructions.

SimonsVoss Technologies AG reserves the right to make modifications to the product without notice. Consequently, descriptions and representations in this documentation may vary from the most recent product and software versions. As a general principle, the original German version shall apply in the event of any doubt. Subject to errors and misspellings.

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Thank you in advance for your support.

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This manual applies to software without functional limitations. Functions or views in a customer's specific installation may deviate from these due to the software modules activated.

1.0 INTRODUCTION

Locking System Management (LSM) from SimonsVoss is a database-supported software package that enables you to create, manage and control complex locking plans efficiently. This documentation serves as a guide to help you structure and configure your locking plan. It will also assist you later on when it comes to monitoring and controlling the locking system, making management of the system easier.



IMPORTANT NOTE

SimonsVoss Technologies AG shall assume no liability for damage caused by incorrect assembly or installation.

Access through a door may be denied if components are incorrectly assembled or programmed. SimonsVoss AG shall assume no liability for the consequences of incorrect installation, such as denied access to injured persons or persons at risk, damage to property or any other form of damage.

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2.0 UNDERSTANDING THIS MANUAL

⇒ MENU ITEMS

The LSM menu items are indicated in this manual by the **C** symbol.

EXAMPLES

D EditD Area

HEADINGS AND CHECKBOXES

Headings and checkboxes shown in the screenshots are differentiated by the use of inverted commas.

EXAMPLES "User Groups" "Areas"

BUTTONS

Buttons shown in the screenshots are highlighted in grey.

EXAMPLES OK Apply

KEY COMBINATIONS

The key combination you can use to start the required functions is shown in bold.

Ctrl+Shift+X

PATH SPECIFICATIONS

If an instruction refers to a directory on a drive, the path is provided in italics.

EXAMPLE

C:\Program files\SimonsVoss\LockSysGui\

NOTE

The specification *[CDROM]* is a variable and describes the letter identifying the drive of the CDROM drive on the computer (e.g. "D") on which installation is to be carried out.

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3.0 ICONS

NOTE

- Icons and entries in the menu only become active once an associated object is highlighted.
- You can use Shift or Ctrl to highlight multiple table entries at the same time.
- By double-clicking in the table you can jump to the object's properties.
- Edit toolbar

Active icon	Inactiv e icon	Function	Shortcut
		Edit locking system	Ctrl+Shift+A
\triangle	\bigtriangleup	Area	Ctrl+Shift+S
		Edit door	Ctrl+Shift+D
		Edit lock	Ctrl+Shift+C
00	00	Edit transponder group	Ctrl+Shift+G
	0	Editing transponders	Ctrl+Shift+O
		Edit public holiday list	
128	23	Edit public holiday	
		Edit time zones	
	•	Edit person	Ctrl+Shift+P

Page 10

STANDARD TOOLBAR

Active icon	e Inactive icon	Function	Shortcut
	<u> </u>		
X	· · · · · ·	Log off	
-		New locking system	
, 🗣		New lock	
0	Q.	New transponder	
6 ?	B ?	Read lock	Ctrl+Shift+K
0 2	©_>	Read transponder	Ctrl+Shift+R
4	4	Program	
×	ж	Cut	
		Сору	
ſ.		Paste	
-	=	Print matrix	
I	14	First data record	
•		Previous data record	
•	•	Next data record	
H	•	Last data record	
×	\mathbb{R}	Remove	
ъL.	₽L	Apply	
G	4	Update	
Q,	0,	Browse	
F ₀	Eq.	Filter not active	
F	F	Filter active	
?	?	Info	

AREAS / TRANSPONDER GROUP VIEW



A black cross with a circle inside it represents group authorisation.



A grey cross with a circle inside it stands for "inherited authorisation.

DOORS / PERSONS VIEW



Authorisation that has been enabled but not yet programmed into the lock



Authorisation that has been programmed into the lock



Authorisation that has been removed and not yet transferred to the lock



Authorisations that have not yet been programmed which comply with the group structure of the locking system, in other words that originate from the group view, are indicated by a small black triangle



Programmed authorisations that comply with the group structure of the locking system, in other words that originate from the group view, are indicated by a small black triangle



Removed authorisations that comply with the group structure of the locking system and have not yet been programmed



Authorisations that do not comply with the group structure of the locking system are indicated simply by a cross, with no black triangle (individual authorisation).



Authorisations that have been subsequently withdrawn, contrary to the group structure of the locking system, feature a black triangle but no cross indicating authorisation.



White (grey) box: authorisation can be enabled here.



Checked (greyed out) box: this field no longer belongs to the locking system and no authorisations can be enabled. You have no write permission or the locking plan blocks this box (e.g. when a transponder is deactivated).

GROUP AUTHORISATION TREE VIEW



Manually enabled (black)



Directly inherited (green)



Indirectly inherited – inherited via subordinate group (blue)



Directly and indirectly inherited (blue / green)

PROGRAMMING REQUIREMENT

EXPLANATION

There are various reasons why it may be necessary to program a transponder or lock. The programming lightning symbol is shown in different colours to indicate the different reasons why programming is required.

DISPLAY



Simple programming requirement for components

Transponder: Validity expire

Validity expired Deactivated Lock Only overall locking level assigned Not assigned to any door Not assigned to any locking system Door without lock



Programming requirement on a lock after creating a replacement transponder in the overlay mode of a G1 system

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4.0 SETTING UP AND OPENING THE DATABASE



START SCREED



Log on to the database, authentication then takes place when user data is entered

Log off the database

Settings for the database connection

In the Setup dialogue you can set the connection to the database you want. Your locking system administrator provides you with the necessary information. LSM Basic LSM Business / LSM Professional

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NOTE

The software access data should be kept safe according to the valid IT guidelines and not made accessible to unauthorised persons.

5.0 VIEWS AND NAVIGATING

1.1. AREAS / TRANSPONDER GROUPS VIEW

1.1.1 GENERAL

EXPLANATION

personnel and room structures and can also authorise complete transponder groups for complete areas. This matrix enables basic authorisations to be created quickly and with ease. Deviating authorisations in the form of individual expansions or limitations can be assigned in the Doors / Persons view.

PROCEDURE

- **⊃** View
- Careas / Transponder groups

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1.2. DOORS / PERSONS VIEW

1.2.1 GENERAL

EXPLANATION

In this view you can see the individual authorisations of all persons for individual doors. This results in a very large matrix but does allow you to set specific exceptional authorisations. You can either expand or reduce previously set group authorisations. This view is therefore suitable for implementing individual expansions or limitations after defining the basic structure in the Areas / Transponder groups view.

PROCEDURE

- **⊃** View
- Doors / Persons

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Managment	NL1 Conference 220	PIL 1	2nd	221	L-00002	514			×	XX		-	-	-	A	XX
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1.3. NAVIGATING

EXPLANATION

On the left, this view includes a navigation aid that shows the two hierarchies(transponder groups and areas) in the form of two tree structures. The right-hand side of this view contains the matrix, where you can issue the authorisations you want simply by clicking.

You can vary the size of the windows by using the mouse to drag the bar separating the areas and transponder groups, and also the bar separating the matrix and navigation area.

Various icons are shown in the tree view depending on the display status to allow you to navigate around the tree structure as efficiently and confidently as possible. These are shown in the example locking plan below for the transponder groups.

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EXPLANATION OF ICONS



Locking system transponder groups

Individual transponder group without additional subgroups



Transponder group with at least one subordinate transponder group which is not shown

Transponder group with at least one subordinate transponder group which is shown



Locking system area

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Individual area without additional sub-areas



Area with at least one subordinate area which is not shown

Area with at least one subordinate area which is shown

PROCEDURE

- Click on the plus sign to the left of a red icon to display the next lowest level in the subordinate grouping.
- By clicking on the new plus signs that appear you can navigate to further, lower levels. There can be a maximum of 6 levels in a hierarchy
- Click on the minus signs to the left of the green icon to close the subordinate levels
- Click on the minus sign beside the locking system to close all open areas
- Double-clicking on an area or group changes the view (display of content in the matrix on or off)
- But you can also get a complete overview quickly by opening the entire tree structure:

View

Open all subordinate areas / groups

• To close all open areas or groups again, you must close the highest group in the tree structure.

NOTE

Please note that as the tree structure grows it can take longer to prepare the data to be viewed and display it on the screen. This is noticeable when restructuring and updating the view.

1.4. CONFIGURING STANDARD VIEW

EXPLANATION

Each user can configure their preferred view as the standard view. This view is displayed once the user logs on. Various basic settings can also be activated here.

PROCEDURE

- Options
- C Matrix view

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EXPLANATION

"Font"	\rightarrow	Standard font and font size
"Field height"	\rightarrow	Adjust the height of lines and columns
"Adapt height to font"	\rightarrow	When this option is selected, the font size and line height are automatically optimised.
"Transponders to horizontal bar"	<i>→</i>	When this option is selected, transponders / persons are positioned (horizontally) as column headings. Horizontal is standard.
"Show crosshair"	\rightarrow	Crosshair aids orientation in large matrices
"Logo"	<i>→</i>	This enables you to change the size of the logo in the top left-hand corner of the matrix. This can also be done in the matrix itself by dragging the mouse. By changing the size of the logo you define the height or width of the column and row names.
"Issue authorisations"	<i>→</i>	To avoid issuing an authorisation accidentally you can choose from 3 options as to when an authorisation cross should be set
"Load matrix view on start-up"	<i>→</i>	Select your preferred start view and the number of groups / areas which are automatically opened. The more groups and areas displayed in the matrix, the longer it takes to structure them. You can limit the number of groups / areas to be opened to enable quicker updating and starting-up of the matrix.
"Programming requirement"	→	This is where the display of uncritical programming requirements is controlled. These programming requirements are of minor importance for the security of the system and only appear for reasons of completeness. Since the components involved are no longer used to lock doors or the transponders had no authorisations, these programming requirements do not necessarily have to be resolved. This represents a reduction in programming in large and non-networked systems.

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1.5. ADJUSTING VIEWS

1.5.1 SORTING

EXPLANATION

In all matrix views it is possible to change the order of the database objects shown. You can do this in any view.

PROCEDURE

• Right-click on an area name or door designation

or

- Right-click on a transponder group name or person designation
- Sort group / area

NOTE

You can only sort by properties that are shown in the matrix (see <u>1.5.2 Additional columns in</u> <u>label bars</u>).

1.5.2 ADDITIONAL COLUMNS IN LABEL BARS

EXPLANATION

Extra columns can be added to both the horizontal and vertical bars to provide the user with useful additional information. The settings made only apply to the particular view where they are made. So different information will be available depending on the view being used.

The order of the data shown can also be set individually and is stored on a user-specific (Windows user) basis.

PROCEDURE

- **Options**
- Extra columns
- Make selection, e.g. transponders / persons

POSSIBLE ADDITIONS TO TRANSPONDERS / PERSONS

•	Name	NAME
•	Department	AB
•	Number of data records	ND
•	E-mail	EM
•	Period of validity	EXPIRY
•	Location	ORT
•	Employee number	PN
•	Programming requirement	PB
•	Serial number	SN
•	Phone number	ΤN
	Title	TITEL
•	Туре	TP
•	Time group (image)	ZB
•	Time group name	ZN
•	Time group name G2	ZN G2
•	Time group number	ZG
•	Load exceptions	AA
		000

POSSIBLE ADDITIONS TO LOCKS / DOORS

•	Name	NAME
•	Outer dimensions	AM
•	Outer dimensions of door	AT
•	Inner dimensions	IM
•	Inner dimensions of door	IT
•	Expanded data	ED
•	Floor	E
•	Building	G
•	Network	Ν
•	Network address	ADRESSE

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•	Programming requirement	PB
	PinCode Terminal	PIN
•	Room number	RN
•	Serial number	SN
	SmartReader	SR
•	Туре	ΤP
•	Time zone (image)	ZB

• Time zone names ZN

POSSIBLE ADDITIONS TO TRANSPONDER GROUPS

•	Name	NAME
•	Time group (image)	ZB
•	Time group name	ZN
•	Time group name	ZN G2
•	Time group number	ZG

POSSIBLE ADDITIONS TO AREAS

•	Name		NAME

- Time zone (image) ZB
- Time zone names ZN

1.5.3 SWAPPING THE VIEW OF COMPONENTS IN THE MATRIX

EXPLANATION

Depending on the dimensions of the locking system it may be helpful to display the areas or doors in the horizontal bar (column) and the transponder groups (persons) in the vertical bar (line).

PROCEDURE

- Options
- C Matrix view
- Select "Transponders to horizontal bar"

6.0 ISSUING AUTHORISATIONS

1.6. SHOW / ISSUE GROUP AUTHORISATION

ICONS



("Doors / Persons" view) ("Areas / Transponder groups" view)

EXPLANATION

By issuing a group authorisationyou can authorise a whole transponder group for a complete area. You can therefore create basic authorisations in the locking plan quickly and with ease. It may be useful when issuing authorisations to familiarise yourself with the intended use of the building and the organisational structure of the company in advance. Later on, a clearly structured system is a great tool for day-to-day business by making statements quickly and precisely about possible access instances and makes daily life in the company or organisation easier. You can configure exceptions to group authorisations in Doors / Persons view by removing or adding individual crosses at any time, even at a later date.

GROUP RESERVES

If a transponder is assigned to a group, it immediately receives all the authorisations assigned to the group. If a new transponder is assigned to a group, the affected locks need to be programmed. To avoid this situation, so-called transponder ID reserves can be assigned to groups when they are created or at a later date. At this time, however, these transponder IDs are not assigned to a person. The reserves are stored in the locks during programming and are then available to use. If a transponder ID from this reserve is assigned to a person and the transponder is programmed, there is no need to program the locks. Transponders can therefore be automatically authorised and activated in locks without the user having to perform any additional steps such as programming the lock.

INHERITANCE

Inheritance is a way of representing a company's hierarchy in the locking system. When inheritance is implemented correctly it greatly reduces the user's workload. It allows you to automate certain processes by assigning a transponder to a particular transponder group. Inheritance can be used when a hierarchy is in place for transponder groups and areas. Group authorisations are considered for inheritance, individual authorisations are not inherited (see LSM Administration Manual).

PROCEDURE

- SView
- Careas / Transponder groups
- Add cross to matrix

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1.7. SHOW / ISSUE INDIVIDUAL AUTHORISATIONS

ICONS

("Doors / Persons" view)

EXPLANATION

By issuing an individual authorisation you can authorise a particular transponder for a particular door.

PROCEDURE

- **⊃** View
- Doors / Persons

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7.0 SEARCH

EXPLANATION

The search function is the easy way to look for various objects in the database, for example a particular door or a particular transponder. The different ways of performing a search are explained below.

PROCEDURE

- Right-click on a person or a door
- Left-click on ⊃ Search
- Select object (there may be a preliminary selection corresponding to the context)
- Enter designation or part of designation you want to search for
- Select the various search options

You can also call up the search function by clicking on the \bigcirc icon

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1.000					1.0001	4 5	NL 1	Office	200		2	Culinder G2		Sample	ISC G2	Finar	eung		
					1-0001	6	NI 1	Office	302		č	Culinder G2		Sample	JSC G2	Finar	nce		
	FID	a			L-0001	7	NL1	Office	303		0	Dylinder G2		Sample	JSC G2	Finar	nce		
			1		L-0001	8	NL1	.Office	304		C	Cylinder G2		Sample	JSC G2	Finar	nce		
	Print v	view			L-0001	9	NL1	.Office	305		0	Cylinder G2		Sample	JSC G2	Finar	nce		
- Mauiar	stion to view		-		L-0002	20	NL1	.Office	306		0	Cylinder G2		Sample	JSC G2	Finar	nce		
14d Miga	auonito view				L-0002	21	NL1	.Office	307		C	Cylinder G2		Sample	JSC G2	Finar	nce		
C Pro	operties				L-0002	2	Mair	n entrar	ice foyer 2		0	Cylinder G1	_	Sample	JSC G1	Main	entrance		
G M.	abriu				L-0002	3	Offic	e 101			0	Lylinder G2		Sample	JSC G2	1st fl	100		
Wie Mie	uun				L-0002	4	Uffic	e 102			0	Lylinder G2		Sample	JSU 62	1st fl	100		
	Even	ute	1		L-0002	0	Uffic	e 103			0	Jyinder G2		Sample	JSC 62	1 st fi	100		
		<u></u>			L-0002	0	Offic	:e 104			1	Jyinder G2		o ample	JOL G2	1 st fl	JUI		
					1.0002	0	Offic	e 100				Lyimuer G2		Cample	ICC G2	1 st fi			
					1.0002	9	Diffe	e 100			6	Culinder G2		Sample	ISC G2	1 st fi	JOI		
					1.0002	0	Offic	e 106			Č	Culinder G1		sample	030 42	1 St II	501		
					L-0003	n	Offic	e 107			ſ	Cylinder G2		Sample	JSC G2	1st fl	noc		1
					17 111	4	2.09				-	1997 - ES		- mile	ODEP.	T.c.	19		
					Total: 5	5			Seler	ted 4			3	Dulas.	1	F .4	1		

Once the search results are displayed, by selecting an object you can view its properties, the object in the matrix or in a report. A multiple selection of objects can also be deleted.

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1.8. SEARCHABLE OBJECTS

1.8.1 USER

Name

1.8.2 USER GROUP

Description Name

1.8.3 AREA

Description Name

1.8.4 PUBLIC HOLIDAY

Name

1.8.5 PUBLIC HOLIDAY LIST

Name

1.8.6 BUILDING

Abbreviation Description Name Location

1.8.7 LOCAL TIME ZONE

Name

1.8.8 PERSON

Department Address Description E-mail Cost centre Surname Location Employee number Tel Title First name

1.8.9 LOCKING SYSTEM

Description Name

1.8.10 LOCK

PHI alphanumeric PHI decimal Serial number Door

1.8.11 LOCATION

Abbreviation Description Name

1.8.12 TRANSPONDER

Description Surname PHI alphanumeric PHI decimal Serial number First name

1.8.13 TRANSPONDER GROUP

Name Description

1.8.14 DOOR

Description Building Name Room number Location

1.8.15 TIME GROUP

Description Name

1.8.16 TIME ZONE PLAN

Description Name

8.0 **FILTERS**

1.9. **GENERAL INFORMATION ABOUT FILTERS**

EXPLANATION

The introduction of filtershas made it even easier to administer a locking system. You can select a wide range of filter options and make these filters available to a wide range of people or groups of people. The option of displaying additional columns provides you with extra information, while the filter function also enables you to keep the information on your screen clear and manageable.

1.10. MANAGING / CREATING FILTERS

PROCEDURE

- **C** View
- Manage filters •

Filter name	State	New
Production building Management building		Edit
		Remove
		Apply
		Set as default
		Exit

EXPLANATION

New Edit Remove Use Set as default Close

- Create a new filter \rightarrow
- \rightarrow Edit a selected filter
- \rightarrow Remove a selected filter
- \rightarrow Use the selected filter
- \rightarrow This filter is used by default
- Hide the selection

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Filter name Production building	Lock type
For all users For user: For user group: For user group: Administrators Transponder G1 For ansponder G1 For ansponder G2 Simetry G1 For and G2 For and G2 For and G2 For and G2 For and G2	 Control Unit Cylinder G1 Furniture lock Smart Relay G1 Smart Output Module Biometric reader Cylinder G2 Smart Relay G2 Smart Handle G2
Transponder attributes	Door/lock attributes All With network Programming demand Unprogrammed locks (LID = 0) Doors without locks Location/Building Select
Transponder group list ✓ All transponder groups T Transponder group list Time group: 110	List of areas

EXPLANATION

- "User restriction" "Transponder type"
- "Transponder properties"
- "Transponder group list"
- "Lock type"
- "Door / lock properties"
- "Area list"

- \rightarrow User or user group that can use the filter
- → Type of transponder to be displayed (e.g. G1 transponder)
- → Restrictions affecting the properties of the transponder (e.g. period of validity, programming requirements)
- → Restrictions affecting the group(s) to which the transponder belongs (e.g. "Management" group)
- → Type of lock to be displayed (e.g. SmartRelais)
- → Restrictions affecting the properties of the lock (e.g. with network, programming requirements)
- → Restrictions affecting the group(s) to which the lock belongs (e.g. "Gate" area)

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1.11. MANAGING FILTERS - ACTIVATING / DEACTIVATING

EXPLANATION

You can use the filters you have created with filter management or activate and deactivate the last used filter with the menu bar. There is a further selection list that can be displayed for this purpose below the locking system selection area.

E Lo	cking S	iystem Mana	igement	- [lsmdl
Eik	e Data	<u>b</u> ase ⊻iew V	Wizards B	dit Repo
2'	×			0 ?
	Lockir	ng system:	[<<
~	Samp	ble JSC G2		-
0	Filter:		Swite	h off
	Produ	uction building		•

The following message appears if a filter has not been set up or selected.



You can use the icons in the icon list to identify the status of the filters.



Filter not active

Filter active

NOTE

In the menu item ⊃ View ⊃ "Manage filter" you can set a filter to be active after the user logs on to LSM by selecting an entry and clicking on Apply setting. A brief reminder then appears when you log on.

9.0 MANAGING THE LOCKING SYSTEM

1.12. LOCKING SYSTEM

A locking system consists of a group of locks and the associated data records on the transponders. These are represented in a matrix. In the LSM software it is possible to create and manage multiple locking systems simultaneously in a single locking plan. The building structures with your locations are also organised here.



1.12.1 GENERAL INFORMATION ABOUT THE LOCKING SYSTEM



EXPLANATION

All the basic settings for a locking system are made in this input screen. All the configurations set here apply to all components in this locking system.

PROCEDURE

- Delta
- D Locking system
- New

Or for existing systems

Page 32

- Edit ٠
- Locking system
 Edit ٠
- •

×		4	9	0 ?	O ?	4	ж	9	ß		14	.4	- P-	PI.	FX	•1	9	Q,	Fo	1
	Name Use as ge Descriptio	neral loci n	king leve	I	Si	imple JSC	G2			2		Protoco C G1 © G2 C G2 C G2 Virl	l general +G1 tual Nett	tion No assign work	i G1 TIDI					
	G1 Old Passw New Pass Confirm Pa Quality	vord: word (to assword:	protect f	ile)					 0 bits			I Tra I Tra I Are Dynamic C Do	nce in m ansponde a hierarc c time wi not chai	er group I shy indow for	nierarchy G2 transj window o	oonder n gatew	ay			
	G2 Old Passw New Pass	vord: word:			Ē				_			C unt Numbe	il a partic mber of l er of hour	cular time hours sin rs	of (next) ce last co	day mplete h 1	iour of bo Hour	oking s		
	Confirm Pa Quality	assword:			i T				0 bits			JT DV	eday Mo	de						

Page 33

EXPLANATION

"Name"	\rightarrow	Designation of locking system
"Use as overall locking level"	\rightarrow	Definition of overall locking level (See 10.7
		Overall locking levels)
"Description"	\rightarrow	Free field for describing the locking system
"Old password "	\rightarrow	If you change the password for the locking
		system, it is entered here
"New password"	\rightarrow	If you change the password for the locking
		system, the new password is entered here
"Confirm"	\rightarrow	Re-enter the new password for the locking
		system to confirm it
"Quality"	\rightarrow	Displays the quality (complexity) of the
		password used (at least 64 bits)
"Log generation"	\rightarrow	Selection of expansion variants for
		hardware components
"Automatically assign G1 TId"	\rightarrow	For systems in G2+G1 mode, the G2
		transponder also receives G1 data for
		reasons of compatibility so that it can also
		open G1 locks.
"Virtual network"	\rightarrow	Changes to authorisations in the system are
		written to the transponders using gateways,
		this mode applies for the entire locking
		system
"Transponder group hierarchy"	\rightarrow	Authorisations of a transponder group are
		inherited by the superordinate transponder
<i>"_</i>		group
"Area hierarchy"	\rightarrow	Authorisations of an area are inherited by
		the superordinate area
Dynamic time window for G2		
transponder	、	The velicity of the OO transmoundary to be
Do not change time window on	7	I ne validity of the G2 transponder to be
galeway		time constraint
"I Intil a particular time of (payt)	_	The validity of the C2 transponder to be
day"	7	booked on the gateway is restricted to a
uay		fixed time
"Number of hours since last	<u>د</u>	The validity of the C2 transponder to be
complete hour of booking"		booked on the dateway is extended by a
complete nour of booking		certain number of hours
"Operate in overlav mode "	\rightarrow	Activates overlay mode (see 10.6 Overlay
operate in overlay mode	,	mode)
		mode/

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1.12.2 LOCKING SYSTEM PROPERTIES

EXPLANATION

In the locking system properties you can modify or view all information relating to the locking system. You can navigate to the individual properties using the tabs at the top.

PROCEDURE

- C Edit
- or
- D Locking system properties
- Right-click on the locking system icon in the hierarchy tree
- Left-click on **C** Properties

LOCKING SYSTEM PROPERTIES - NAME

s 🗶 📑 🛱 🎯 👘	💁 🗲 X 🖬 🔞	
Name Locks Doors Transponders	Transponder groups Areas Password S	pecial TIDs Card management PIN-Code Terminal
2		Protocol association
I Name	Sample JSC G2	
Use as general locking level	Standard	• G2
Locking system ID	11328	C 62+61
	1.1.1	📕 Automatically assign (all 710).
Extended SID	14513345	Virtual Network
Description		Inheritance in the hierarchy
		Transnonder group hierarchu
		V Area hierarchu
23		
	-	Dynamic time window for G2 transponder
Wellay Mode		C Do not change time window on gateway
8		C until a particular time of (next) day
		 Number or nous since last complete hour or booking

EXPLANATION

"Name"	\rightarrow	Designation of locking system
"Use as overall locking level"	\rightarrow	Definition of overall locking level (See 10.7
		<u>Overall locking levels</u>)
"Locking system ID"	\rightarrow	System number of locking system
"Extended SID"	\rightarrow	Additional distinguishing feature of locking system
"Description"	\rightarrow	Free field for describing the locking system
"Operate in overlay mode "	\rightarrow	Activates overlay mode (see <u>10.6 Overlay</u> mode)
"Log generation"	\rightarrow	Selection of expansion variants for hardware components
"Automatically assign G1 TId"	\rightarrow	For systems in G2+G1 mode, the low TIDs (below 8000) are managed by the system for reasons of compatibility
"Virtual network"	→	Changes to authorisations in the system are written to the transponders using gateways, this mode applies for the entire locking system. Only available for G2 components.
Dynamic time window for G2 transponder		
"Do not change time window on gateway"	÷	The validity of the G2 transponder to be booked on the gateway is not subject to a time restriction
"Until a particular time of (next) day"	÷	The validity of the G2 transponder to be booked on the gateway is restricted to a fixed time
"Number of hours since last	\rightarrow	The validity of the G2 transponder to be

Page 36

complete hour of booking"

booked on the gateway is extended by a certain number of hours
LOCKING SYSTEM PROPERTIES - LOCKS

X 📑 🗟 🏼	h 🔐 🎯	* X D B I		H EX EL C	, Q Fo 1
Name Locks Doors T	ransponders Transpor	nder groups Areas Password Sp	ecial TIDs Card management	PIN-Code Terminal	1 1
1		T II was a			
Locking system: Sa	ample JSC G2	Level:	Standard		
Serial number	Lock IE	Door	Area	Туре	Battery replacement
1-00001	149	Main entrance 01 G	Ground floor	Smart Belau 62	
1.00003	150	Main entrance (1)	Ground floor	Culinder G2	Last
1-00022	15	Main entrance 02	Ground floor	Culinder 62	E [01032010
L-00023	15	2 Office 101	1st floor	Cylinder G2	1 Decement
L-00024	153	3 Office 102	1 st floor	Cylinder G2	
L-00025	154	Office 103	1 st floor	Cylinder G2	Calculated
L-00026	155	5 Office 104	1st floor	Cylinder G2	Scheduled
L-00027	156	6 Office 105	1 st floor	Cylinder G2	E aireana
1-00028	15	Office 106	1st floor	Culinder G2	1 Concerning
L-00029	158	3 Office 107	1st floor	Cylinder G2	
L-00030	159	0 Office 01	Ground floor	Cylinder G2	
L-00031	160	0 Office 02	Ground floor	Cylinder G2	
L-00032	16	Office 03	Ground floor	Cylinder G2	Apple
L-00033	163	2 Office 04	Ground floor	Cylinder G2	
L-00034	163	Archives development	Basement	Cylinder G2	
L-00035	164	Archives finance	Basement	Cylinder G2	
L-00036	165	Archives marketing	Basement	Cylinder G2	
L-00037	166	Side entrance 01	Ground floor	Cylinder G2	
L-00038	16	Side entrance 02	Ground floor	Cylinder G2	
L-00039	168	3 Technician	Ground floor	Cylinder G2	
L-00040	169	Conference 120	1st floor	Cylinder G2	
L-00041	170	Conference 121	1st floor	Cylinder G2	
L-00042	17	Office 201	2nd floor	Cylinder G2	
L-00043	172	2 Office 202	2nd floor	Cylinder G2	
L-00044	17.	3 Office 203	2nd floor	Cylinder G2	
L-00045	174	Office 204	2nd floor	Cylinder G2	
L-00046	175	5 Office 205	2nd floor	Cylinder G2	
L-00047	176	6 Office 301	3rd floor	Cylinder G2	- the desired ashes when
	17	066 202	2rd flags	Culinder G2	also show Locks witho

EXPLANATION

"Locking	system"
"Level"	

Table "Battery change"

- \rightarrow Name of shown locking system
- → Type of locking system level (standard, red, green, blue)
- \rightarrow Overview of all locks in the locking system
- → "Scheduled" battery changes are shown in the warning monitor and the action list for each lock. In the action list for a particular lock you can also enter a scheduled battery change for several locks at the same time. A battery change can be entered for one or several locks under "Last".
- → This option also shows locks without door assignment in the table.

"Show additional locks without door"

LOCKING SYSTEM PROPERTIES – DOORS

x 🗐 🛱 🎯 🛱	O	XD	0 8	14 4	F F EX	11 9 Q Fg *
Name Locks Doors Transponder	s Transponder grou	ps Areas Pa	assword Specia	ITIDs Card manag	ement PIN-Code Term	inal
Locking system: Sample JSC 6	32		Level	Standard		
Door	Location	Building	Floor	Room number	Area	Change assignment to area
Archives development	LON	MB	hemt	02	[Sustem area]	fiz.
Archives finance	LON	MB	bsmt	03	Basement	[[5ystem area]
Archives marketing	LON	MB	bsmt	04	Basement	
Conference 120	LON	MB	1st	120	1 st floor	Execute
Conference 121	LON	MB	1st	121	1st floor	
Main entrance 01	LON	MB	af		Ground floor	
Main entrance 01 G	LON	MB	qf		Ground floor	- Modify allocation in the building stru
Main entrance 02	LON	MB	af		Ground floor	
NL1.Archives marketing	MAN	NL1	bsmt	03	Marketing	E Location / building
NL1.Conference 220	MAN	NL1	2nd	220	Marketing	a second for
NL1.Conference 220	MAN	NL1	2nd	221	Marketing	L.
NL1.Conference 320	MAN	NL1	3rd	320	Finance	pio
NL1.Conference 321	MAN	NL1	3rd	321	Marketing	E Floor
NL1.Kitchen 3rd floor	MAN	NL1	3rd	313	Finance	1 1100
NL1.Office 201	MAN	NL1	2nd	201	Marketing	
NL1.Office 202	MAN	NL1	2nd	202	Marketing	Execute
NL1.Office 203	MAN	NL1	2nd	203	Marketing	
NL1.Office 204	MAN	NL1	2nd	204	Marketing	
NL1.Office 205	MAN	NL1	2nd	205	Marketing	
NL1.Office 206	MAN	NL1	2nd	206	Marketing	
NL1.Office 207	MAN	NL1	2nd	207	Marketing	
NL1.Office 208	MAN	NL1	2nd	208	Marketing	
NL1.Uthce 301	MAN	NL1	3rd	301	Finance	
NL1.Office 302	MAN	NL1	3rd	302	Finance	
NL1.Office 303	MAN	NL1	3rd	303	Finance	
NL1.Office 304	MAN	NL1	3rd	304	Finance	
NL1.Uthce 305	MAN	NL1	3rd	305	Finance	
NL1.Uffice 306	MAN	NL1	3rd	306	Finance	alles also also and alle all 19
	MAN	NIT	3rd	307	Finance	- also snow doors without locking

EXPLANATION

Table

"Change assignment to area"

"Change assignment in the building structure"

- \rightarrow Overview of all doors in the locking system
- → You can change the area assignment of one or more doors at the same time.
- → You can change the location, building assignment or floor of one or more doors at the same time.

The locations and buildings must be created in advance.

× 📭 🕯	4 Q		*	* 1		-	14	4		M	*X	P.L.	49	Q,	-	?
Name Locks D	oors Transpo	onders Trans	ponder grou	ps Areas	Password	Special T	IDs Caro	manage	ement	PIN-C	ode Tem	ninal				
Locking syst	em: Sample	JSC G1			Lev	el:	Stan	dard								
Owner	Í	Serial number	TID	TID G2	Transponder	group	Typ	e	1	Ē	Change a	assignme	ent to trar	sponder g	groups	
Brown, Charle Danes, Sienna Gilmore, John Gilmore, John King, Wolfgan Long, Richard King, Wolfgan	9	T-00027 T-00028 0000K8 0000K8 T-00029 T-00018 T-00017	27 28 29 16 16 30 19 18		developmen developmen developmen developmen developmen developmen developmen		Tran Tran Tran Tran Tran Tran Tran Tran	isponde isponde isponde isponde isponde isponde	a G1 a G1 a G1 a G1 a G1 a G1 a G1 a G1		moved You ca 1. Do n program locks 2. Do n prove program transpo	to the gr n choos ot chan- ents add nming de ot chan- ents add nders nders not chan- not chan-	oups sele e two opt ge groups itional mand in ge transp itional mand in nge group nge trans	icted belo ions: the affect onders: the	ed	
											develo	pment				
1.000											Status	of TIDs	in the gro	oup		
											Suppl Still fre Move	y ee d				8 8 0
													_	Execute	_	

LOCKING SYSTEM PROPERTIES – TRANSPONDERS IN G1 SYSTEMS

EXPLANATION

Table

"Do not modify groups"

"Do not modify transponders"

- → Overview of all transponders in the locking system
- → The selected transponder(s) are relocated to a different group. The transponders are given a TID from the reserve for the new transponder group. This means the transponders will need to be programmed.
- → The selected transponder(s) are relocated to a different group. The transponders keep the same transponder ID. This means the locks for which the transponder's old and new transponder groups are authorised will need to be programmed.

Name Locks Doors	Transponders Transpor	ider groups Areas	Password Special TID	Card management F	N·Code Terminal			-
Locking system:	Sample JSC G2		Level	Standard				
Owner	Serial number	TID TID G2	Transponder group	Туре	Change assignme	nt to transponder	groups	
Gilmore, John King, Wolgang Long, Richard Long, Richard Meyer, Peter Miller, Michael Schore, Kathrin Shoffield, Kim Stone, May White, Susan Williams, Sara York, Kelly	0000K8 0000K3 T-00002 T-00005 T-00006 T-00007 T-00007 T-00019 T-00019 T-00019 T-00011 T-00011 T-00011 T-00012 T-00013	3213 3201 3204 3206 3207 3207 3208 3207 3211 3212	Field staff Staff Marketing Bookkeeping Bookkeeping Bookkeeping Development hardware Development hardware Development hardware Cleaning Cleaning Cleaning	Transponder G2 Transponder G2	[System group]			
						Емерлие	_	

LOCKING SYSTEM PROPERTIES – TRANSPONDERS IN G2 SYSTEMS

EXPLANATION

Table

"Change assignment to transponder group"

- → Overview of all transponders in the locking system
- → The selected transponders are relocated to a different group. Programming is required.

LOCKING SYSTEM PROPERTIES – TRANSPONDER GROUPS

~		00 13		14			by by	*2	4		-
Nar	me Locks Doors Transponders Transpond	er groups Areas P	assword Special T	IDs Ca	d manager	ment PIN-C	Code Terminal				
	Locking system: Sample JSC G2		Level:	Sta	ndard						
à	Transponder group	Superordinate gro	цр		1	Supply	Free stock	k G1	Time grou	p name	-
	Bookkeeping	Direction finance				3		0			
	Cleaning	Managment				3		0	2		
	Development hardware	Direction develops	nent			4		0	94 		
	Field staff	Direction distributii	on			1		0	*		
	Marketing	Direction marketin	g			5		0			
	Media	Marketing				1		0			
	Starr	Direction starr				1		0			
	[olyacour Broab]							Ű			

EXPLANATION

Table

→ Overview of all transponder groups in the locking system

LOCKING SYSTEM PROPERTIES – AREAS

🖍 📑 🛱 🎯 📅 🎯 🦷		MIXIG Q Fg ?
lame Locks Doors Transponders Transponde	r groups Areas Password Special TIDs Card manage	gement PIN-Code Terminal
Locking system. Sample VSC 02	Level Standard	
Area	Superordinate area	Time zone name
1 st floor	Head office London	
2nd floor	Head office London	-
3rd floor	Head office London	
Basement	Head office London	
Branch Manchester		Main entrance
Direction hardware	Branch Manchester	
Direction software	Branch Manchester	
Finance Ground Base	Branch Manchester	Mata antonia
Head office London	neag once condon	Mantentiance
Managment	Branch Manchester	
Marketing	Branch Manchester	
Media	Branch Manchester	
Sanitary	Branch Manchester	-
Technician	Branch Manchester	/ a /

EXPLANATION

Table

 \rightarrow Overview of areas in the locking system

LOCKING SYSTEM PROPERTIES – PASSWORDS

×		🔒 🔐 🎯	+	×		ß		14			M	FX.	PL :	9	Q,	Fig.	
Nam	e Locks Doors Tra	ansponders Tran	ponder gro	oups Are	as P	browsse	Special	TIDs 0	Card mana	igement	PIN-C	ode Termin	al)				
T	Locking system: Sar	nple JSC G2				Lev	el:	9	itandard								
-	-61																
	Old Password:	-		_													
	New Password:	i.		-													
	Confirm Password:																
	Quality			0	bits												
	62																
	Old Password:	-		-													
	New Password:			-													
	Confirm Password:																
	Quality			0	bits												

EXPLANATION

Here, you can change the locking system passwords used to program components.

NOTE

Please note that when changing the password for the locking system, all components (cylinder, SmartRelais, Transponder, ...) have to be reprogrammed.

LOCKING SYSTEM PROPERTIES - SPECIAL TIDS

		🚳 📫 🧐	F 3	6				M	×	PL	9	Q	5	?	
Na	ime Locks Doors	Transponders Transponder	r groups	Areas	Password	Special TIDs Card mana	igemen	t Pin-C	ode Termi	nal]					
	Locking system:	Sample JSC G2			Leve	el: Standard									
	Deactivated TIDs i	in the system						G1: /	Authorised	at the f	ollowing I	ocks:			
	Owner	Serial number	TID	TID G2	State	Transponder group:		Sei	ial number	1	Door		ļ.	vrea	
	Williams, Sara	deactivated/T-00012		3211	Lost	Cleaning									
								-							
								-							
															13
								Tot	al- D					-	
								TIE):- G2T	ID: 321	1				
	-							Sta	te: deactiv	/ated/T	-00012 -	A prograr	nmed trar	nsponder	i,
								nas	been lost	/stolen					

EXPLANATION

Left-hand table \rightarrow Overview of all transponders which were deactivated. Right-hand table \rightarrow Overview of all locks for which the selected transponders in the left-hand table are authorised. \rightarrow Activate The highlighted transponder can be reactivated. \rightarrow Bottom right view Information and comments on the deactivated transponder

LOCKING SYSTEM PROPERTIES – PINCODE TERMINAL

The configuration of the PinCode Terminal is described in the relevant manual.

LOCKING SYSTEM PROPERTIES - G1 OR G2 CARD MANAGEMENT

Please refer to the "LSM Card Management Manual" for information on card management.

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1.12.3 CREATING A LOCKING SYSTEM

PROCEDURE

- Content Description
- Clocking system
- New
- Enter details of locking system
- Apply

or

- Ctrl+Shift+A
- New
- Enter details of locking system
- Apply

1.12.4 EDITING A LOCKING SYSTEM

PROCEDURE

- C Edit
- Clocking system
- Select locking system using arrow buttons
- Modify data
- Apply

or

Selection list for locking systems

• ...



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1.13. TRANSPONDER GROUP

1.13.1 GENERAL

ICONS

Matrix





EXPLANATION

The transponder group is a set of different transponders. This set is used to issue the transponders with authorisations for certain areas on the assigned doors

EXAMPLE

Staff in Marketing with the transponders assigned to them for the office doors in Marketing.

PROCEDURE

- Edit
- Cransponder group
- or
- Right-click on a transponder group
- Left-click on **C** Properties
- or
- Double-click on the transponder group designation in the matrix

1.13.2 CREATING A TRANSPONDER GROUP

PROCEDURE

- C Edit
- **C** Transponder group
- New
- Select locking system
- Give "transponder group" a name, for example "Marketing".
- For transponder groups lower down in the hierarchy you must select a superordinate transponder group.

When you click Apply the transponder group is saved. You can now create a second group, as the "New" button has already been activated.

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1.13.3 EDITING A TRANSPONDER GROUP

PROCEDURE

- C Edit
- **C** Transponder group
- Select locking system
- Select transponder group using arrow buttons

or

- Select the transponder group you want to modify from the tree structure in the matrix view
- Right-click
- Left-click on C Properties

	*	0	0	-	0	4	X	En	R		14	4		H	PX.	p1	64	a	5	2
-			4	-	-	N.	00			-		-								
	Locking su	stem			Francisco				-	Te	ansnonde	er.								
	Looning of				(157510)5)	enderere	-			Lo.	winer	a	_	Seria	Inumber	Tur	P	-		
	Transpond	er group			Devel	opment h	ardware		_	Se	chore, Ka	thrin	_	T-00	008	Bior	metry G2		_	
	Superordin	ate group			Direct	ion deve	lopment		-	St	netheld, K one, Mar	um y		T-00	009 010	Bior	metry G2 metry G2			
	Time zone	group							<u>.</u>											
-	G2 time zor	ne group			001 E	mployee			•											
	Description				1		_		-											
	Stock G1				171	_			-											
	JUCKUT				1															
1										Ic	tal: 3									
	- Manage	ment								E	Transpor	nder allo	cation -	-						
	Auth	orisations	1		61	1						Auto	omatic	1			Manu	(al (GT)	1	

EXPLANATION

- "Locking system"
- "Transponder group"
- "Superordinate group"

"Time zone group"

"Time zone group G2"

"Description"

"G1 reserve"

- \rightarrow Select the created locking system
- \rightarrow Name of transponder group
- → Transponder group linked to a higher position in the hierarchy
- → Specifies the G1 time group for the transponder group
- → Specifies the G2 time group for the transponder group
- \rightarrow Free field for describing the transponder group
- → Total number of transponder IDs available in the transponder group

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Authorisations Reserve (G1) Automatic

Manual (G1)

- \rightarrow
- Option of issuing group authorisations Option of managing G1 transponder IDs \rightarrow
- Option of automatically assigning a free \rightarrow transponder to the transponder group
- Option of manually assigning a particular \rightarrow transponder to a particular transponder ID

1.13.4 MANAGEMENT

Authorisations	Stock G1

EXPLANATION

Under "Authorisations" you can issue the transponder group with access authorisations for a complete area. (see <u>5.3.4.3 Management – authorisation</u>)

1.13.4.1 MANAGEMENT – AUTHORISATIONS

Under "Reserve" you can manage the transponder IDs for the transponder group, view the authorisations for a particular transponder, and check how many transponder IDs are still available. (see <u>5.3.4.2 Management – reserve</u>)

1.13.4.2 MANAGEMENT – RESERVE

EXPLANATION

The reserve is the given number of transponder IDs that a transponder group contains. This number includes both transponder IDs that are in use for the programmed transponders and those that are still free. When a transponder group is authorised for a particular area, all transponder IDs, including unused ones, are automatically programmed into the locks in this area. So when a new transponder is assigned to the group and a transponder ID is used from the reserve, the locks do not therefore have to be reprogrammed.

PROCEDURE

- C Edit
- Cransponder group
- Select locking system
- Select transponder group using arrow buttons
- Reserve

or

- Select the transponder group in the matrix
- Right-click
- Left-click on **C** Properties
- Reserve

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	1	at the grant	100000			Availabi	1	1
TID	State	Owner	Serial n	number	TID range:	TID	Authorisations	
9	Activated	-,-	-		0.(8,511)	- 36	0	
10	Activated	-,-			10(0311)	37	0	
11	Activated		-			38	U	
12	Activated				\$ Add	39	0	
13	Activated					40	0	
15	Activated	1.2.5			Activate	41	0	
16	Activated	Gilmore John	0000K8	3		42	0	
10	Activated	Calificite, o of all	00001((,	Release	44	ñ	
						45	Ő	
						46	1 0	
						47	Ö	
						48	0	
						49	0	
AII TID	s: 8		Free TIDs:	0		50	0	
						1.4		
						51	0	
thorise	ed locks for TIE):				51 52	0	
thorise	ed locks for TIC):				51 52 53 54		
thorise State	ed locks for TIE):	Only G1 locks are d	displayed for G2 transponders.		51 52 53 54 55	0 0 0 0	
thorise State	ed locks for TIE arget	9: @ Actual	Only G1 locks are o	displayed for G2 transponders.		51 52 53 54 55 55 56		
thorise State	ed locks for TIE arget	C Actual	Only G1 locks are o	displayed for G2 transponders.		51 52 53 54 55 56 57	0 0 0 0 0 0 0	
thorise State C	ed locks for TIE arget number	C Actual	Only G1 locks are o	displayed for G2 transponders.		51 52 53 54 55 56 57 58	0 0 0 0 0 0 0 0 0	
thorise State C	ed locks for TIC arget number): Actual Door	Only G1 locks are o	displayed for G2 transponders.		51 52 53 54 55 56 57 58 58 59	0 0 0 0 0 0 0 0 0 0 0	
thorise State C	ed locks for TIC arget number	0: Actual Door	Only G1 locks are o	displayed for G2 transponders.		51 52 53 54 55 56 57 58 59 60	0 0 0 0 0 0 0 0 0 0 0 0 0	
thorise State Serial	ed locks for TIE arget number): Actual Door	Only G1 locks are o	displayed for G2 transponders. Area		51 52 53 54 55 56 57 58 59 60 61		
thorise State C	ed locks for TIE larget number	o: Actual Door	Only G1 locks are o	displayed for G2 transponders. Area		51 52 53 54 55 56 57 58 59 60 61 62	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
thorise State C	ed locks for TIE arget number): Actual Door	Dnly G1 locks are o	displayed for G2 transponders.		51 52 53 55 56 57 58 59 60 61 62 63		
thorise State Serial	ed locks for TIE arget number	Actual	Only G1 locks are d	displayed for G2 transponders.		51 52 53 55 55 56 57 58 59 60 61 62 63 64		
State	ed locks for TIE arget number): Actual Door	Only G1 locks are o	displayed for G2 transponders. Area		51 52 53 54 55 56 56 57 57 58 59 60 61 62 63 64 64 65		
thorise State	ed locks for TIE arget number): Actual Door	Only G1 locks are (displayed for G2 transponders. Area		51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
thorise State Serial	ed locks for TIE arget): Actual Door	Unly G1 locks are o	displayed for G2 transponders. Area		51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
thorise State Serial	ed locks for TIE arget number): Actual Door	Only G1 locks are (displayed for G2 transponders.		51 52 53 54 55 56 57 58 99 60 61 62 63 63 65 66 67		
thorise State Serial	ed locks for TIE arget number): Actual Door	Only G1 locks are (displayed for G2 transponders.		51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 67 Total 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
thorise State C	ed locks for TIE arget number): Actual Door	Only G1 locks are (Jisplayed for G2 transponders. Area		51 52 53 54 55 56 57 58 59 60 61 61 63 64 63 64 65 66 67 Total: - Selects	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
thorise State C	ed locks for TID arget): C Actual Door	Only G1 locks are (displayed for G2 transponders.		51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 64 65 7 Total: Selectu	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

EXPLANATION

"TIDs and transponders in…"	<i>→</i>	Table of all transponders belonging to the transponder group. Free TIDs can be recognised because they have no serial number
"Free TIDs"	÷	List of all TIDs which are not in use, i.e. which do not belong to any transponder group, not even the system group. Click on Add to specifically increase the reserve with certain TIDs. Select the TID area, highlight the TIDs you want and then add them. Activate TIDs which have already been deactivated Release (remove) TIDs from the transponder group
"TID area"	\rightarrow	For technical reasons TIDs are divided into areas.
"Authorised locks"	÷	For selected transponders, the actual (programmed) and target (intended) status of the locks can be viewed

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1.13.4.3 MANAGEMENT – AUTHORISATION

EXPLANATION

You can use this method to issue group authorisations in a tree structure. It is very easy to check the existing group authorisation and the impact of inheritance.

PROCEDURE

- C Edit
- Cransponder group
- Select locking system
- Select transponder group using arrow buttons
- Authorisations

or

- Select the transponder group in the matrix
- Right-click
- Left-click on **C** Properties
- Authorisations

ection of areas		
Transponder group:	Development hardware	
Areas		
Direction hardware Direction software Finance Managment		
Marketing Media Sanitary Technician		
🗹 Head office London		
ОК		Cancel

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EXPLANATION

You can issue group authorisations by selecting this option. The authorisation hierarchy is very easy to view and can be reproduced well. The ticks are indicated by various colours and represent the way in which authorisations are issued.

1.13.5 TRANSPONDER ASSIGNMENT

ansponder allocation	
Automatic	Manual (G1)

EXPLANATION

- Under "Automatic" you can assign free transponders to the transponder group. The transponder is given the next free TID in the transponder group.
- Under "Manual" you can assign free transponders to a particular TID in the transponder group .

5.2.5.1 TRANSPONDER ASSIGNMENT – AUTOMATIC

PROCEDURE

- C Edit
- Cransponder group
- Select locking system
- Select transponder group using arrow buttons
- Automatic
- or
- Select the transponder group in the matrix
- Right-click
- Left-click on **C** Properties
- Automatic

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Owner	Serial number	Туре	St	and the	Owner	Serial number	Type	13
Danes, Sienna	T-00001	Transponder G2		Add all			1.52F2	
				Add				
				Remove ->	-			
				Remove all ->				
<			>		<			

EXPLANATION

It is possible to assign "free transponders" to the selected transponder group. The transponders are automatically given the next free transponder IDs from the transponder group's reserve.

5.2.5.2 TRANSPONDER ASSIGNMENT – MANUAL

PROCEDURE

- Edit
- Cransponder group
- Select locking system
- Select transponder group using arrow buttons
- Manual

or

- Select the transponder group in the matrix
- Right-click
- Left-click on **⊃** Properties
- Manual

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THES	s and transport	Jers in the group	1					[]
TID	State	Owner	Serial numbe	t	_ ^	Hamoye	Serial number	Owner
8	Activated	Sing, Will	T-00014			Orise recentions	0000KA	Ashby, Sally
17	Activated	Gilmore, John	T-00016			industrial i	0000KB	Cook, Steve
18	Activated						0000KC	Danes, Sienna
20	Activated	·····	and a state of the			- Links	T-00001	Orwell, Simon
21	Activated	Miller, Michael	T-00020				T-00003	Ashby, Sally
22	Activated	Orwell, Simon	T-00021			add:	T-00004	Ashby, Sally
23	Activated	Schore, Kathrin	T-00022				T-00005	Long, Richard
24	Activated	Sheffield, Kim	T-00023				T-00006	Meyer, Peter
25	Activated	-,	-				T-00007	Miller, Michael
26	Activated	-,					T-00008	Schore, Kathrin
27	Activated	Ashby, Sally	T-00026				T-00010	Stone, Mary
28	Activated	Brown, Charles	T-00027				T-00011	White, Susan
29	Activated	Danes, Sienna	T-00028		~		T-00012	Williams, Sara
1000		S.W. S. J. W.			-		T-00018	Long, Richard
AILTID:	s: 20		Free TIDs: 0					
AII TID:	s: 20		Free TIDs: 0					
All TID: uthoris	s: 20 ed locks for TI	D:	Free TIDs: 0					
All TID: uthoris State	s: 20 ed locks for TI	D:	Free TIDs: 0	played for G2 transponders.				
All TID: uthoris State	s: 20 ed locks for TI larget	D: C glottial	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthorise State Serial	s: 20 ed locks for TI argst number	D: C portial	Free TIDs: 0 Only G1 locks are dis	played for G2 transponders.				
All TID: uthorise State Serial	s: 20 ed locks for TI arget number	D: C Montial Door	Free TIDs: 0 Only G1 locks are dis Area	played for G2 transponders.				
All TID: uthorise State C T Serial	s: 20 ed locks for TI 'argèl number	D: C Actilal Door	Free TIDs: 0 Only G1 locks are dis Area	olayed for G2 transponders.	M			
All TID: uthoris State Serial	s: 20 ed locks for TI arget number	D: C gential Door	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthorise State Serial	s: 20 ed locks for Ti erget number	D: C Actival Door	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthorise State Serial	s: 20 ed locks for TI arget number	D. C soch(a) Door	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthoris State Serial	s: 20 ed locks for TI erget number	D: C section	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthoris State	s: 20 ed locks for TI arget number	D. C sociuli Door	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthorise State Serial	s: 20 ed locks for TI argAt number	D. C Pach(a) Door	Free TIDs: 0	olayed for G2 transponders:				
All TID: uthorise State Serial	s: 20 ed locks for TI ergAt number	D: C ecilial Door	Free TIDs: 0	olayed for G2 transponders.				
All TID: uthoris State Serial	s: 20 eed locks for TI arget number	D. C social	Free TID:: 0	olayed for G2 transponders.				
All TID: uthoris State Serial	s: 20 argat number	D: C Acrital Door	Free TIDs: 0	olayed for G2 transponders.			Task 14	

EXPLANATION

- It is possible to assign "free transponders" to the selected transponder group. The transponders are automatically given the next free transponder IDs by clicking on Add.
- By selecting Connect you can assign a particular free transponder ID from the transponder group's reserve to a selected "free transponder".

1.14. TRANSPONDERS

1.14.1 GENERAL

EXPLANATION

Transponders are the "keys" for digital locking systems. You can use transponders to operate digital locks. Data relevant to the locking system is stored on the transponder. This data is checked during a physical access process such that only authorised transponders have access.

PROCEDURE

- C Edit
- Cransponder
- New

Or for existing transponders

- C Edit
- Transponder
- Edit

Gimore, John Expiry time Transponder 62 Transponder issuance play owners without assigned transponders Transponder groups: ad transponder groups: TID 61 g system Level Level Transponder group SID ex 3213 Odd Field staff 14513342	Gitmore, John Expiry time Transponder G2 Transponder issuance owners without assigned transponders Insponder groups:	
ation Transponder 62 Transponder issuance play owners without assigned transponders ed transponder groups: ng system Level Transponder group TID 61 Time group TID 62 62 Time group SID ex e JSC 62 Standard Field staff 3213 004 Field staff 1451334	Transponder G2 Transponder issuance Transponder issuance owners without assigned transponders nsponder groups:	
play owners without assigned transponders ad transponder groups: ag system Level Transponder group TID G1 Time group TID G2 G2 Time group SID ex e JSC G2 Standard Field staff	Transponder issuance owners without assigned transponders nsponder groups:	
play owners without assigned transponders ed transponder groups: g system Level Transponder group TID G1 Time group TID G2 G2 Time group SID ex e JSC G2 Standard Field staff 3213 004 Field staff 14513343	owners without assigned transponders assonder groups:	
play owners without assigned transponders ed transponder groups: g system Level Transponder group TID G1 Time group TID G2 G2 Time group SID ex e JSC G2 Standard Field staff	owners without assigned transponders nsponder groups:	
el transponder groups: g system Level Transponder group TID G1 Time group TID G2 G2 Time group SID ex e JSC G2 Standard Field staff	nsponder groups:	
ed transponder groups: ng system Level Transponder group TID G1 Time group TID G2 G2 Time group SID ex e JSE G2 Standard Field staff	nsponder groups:	
ng system Level Transponder group TD tai Time group TD tai time group TD tai time group SD ex e JSC G2 Standard Field staff		010
	CG2 Standard Field staff 3213 004 Field staff	14513345

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EXPLANATION

- \rightarrow "Serial number" Serial number of transponder \rightarrow "Owner" Person transponder is assigned to "…" \rightarrow Jumps to properties for person \rightarrow "Type" Type of transponder \rightarrow "Description" "Assigned transponder gr." \rightarrow belongs \rightarrow "Deactivated" Indicates whether transponder is deactivated or not \rightarrow "Show owner without assigned Filter for selecting owners transponder" Transponder group \rightarrow transponder group Period of validity \rightarrow Validation date Expiry date
 Image: Figure 1
 Image: Fi The validation date and exply date must be positioned within test $\boldsymbol{6}$ month .30. Cancel
 - Form for confirming issue to users. This is followed by questions used to manage the issue:

- Overview of authorisations Entry in action list

- Save report



Transponder issue

- Free field for describing the transponder
- Transponder group to which transponder
- Option of moving transponder to a different
 - Period during which transponder will work

 \rightarrow

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or

5.3.2 TRANSPONDER PROPERTIES

EXPLANATION

In the transponder properties you can modify or view all information relating to the transponder. You can navigate to the individual properties using the tabs at the top.

PROCEDURE

- C Edit
- Transponder properties
- Right-click on the person / transponder
- Left-click on Properties
- Left-click on Transponder

TRANSPONDERS – NAME

		? / 26 L					PI	PX	PL	+3	Q	-0	x
■ Doors Actions	Configuration Me	ch. Features Personal a	audit trail										
ierial number	T-00001	M	Firmware	2.2.04	-				Transp	onder bl	ocking		
Jwner	Danes, Sienna		1							achvate			
уре	Transponder G	12											
escription		and a second sec	-						Transp	onder is:	uance		
Assigned transpon	der groups (target):												
Locking system	Level	Transponder group	TID G1	Time group			TID G	2 G2 1	ime gro	up		-	SID ext
Sample JSC G2	Standard	Media					321-	4 001	Employe	e		-	14513345
									Trans	nonder (TOUD	۲	
	der groups (actual):							-				¥	
Assigned transpon	and the second second second	1 7 1	TID G1	Time group		1	TID G	2 G2 T	ime grou	up			SID ext
Assigned transpon	Level	I ransponder group		192			321-	4 001	Employe	e		2	14513345
Assigned transpon Locking system Sample JSC G2	Level Standard	Media											
Assigned transpon Locking system Sample JSC G2	Level Standard	Media											

EXPLANATION

- "M"
- "Firmware"
- "Owner"
- "…"
- "Type"
- "Description"
- Deactivate Activate
- Transponder issue

"Assigned transponder gr. (target)" "Assigned transponder gr. (actual)" Software reset

!! Only perform a reset if a transponder is physically defective, otherwise copies could come into circulation!!

- → Serial number of transponder
- \rightarrow Indicates the transponder in the matrix
- → Firmware version of the programmed transponder
- \rightarrow Person transponder is assigned to
- \rightarrow Links to the properties for the person
- \rightarrow Type of transponder
- \rightarrow Free field for describing the transponder
- \rightarrow Button for deactivating a transponder
- → Button for activating a transponder
- → Button for producing a transponder issue confirmation including authorisation
- → Target status of transponder groups to which transponder belongs
- → Actual status (programmed) of transponder groups to which transponder belongs
- → Switch for resetting the software's actual status. This procedure is counted and displayed on the left.

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TRANSPONDERS – DOORS

🗶 🥅 📬	Q 📴 💁	/ X 🗈	6 8	14 4 P PI	EX H. C	, Q. For '
Name Doors Action	ns Configuration Mech. Fea T-00001	atures Personal audit	trail	nes, Sienna		
Carial musches	Dave	I tashina matan	1 Aven	Transactor and a	LaskiD	[A
Serial number	Door	Locking system	Area	I ransponder group	LOCK IU	Access
000094	NL1.Archives market	Sample JSC G2	Marketing	Media	128	Group(G2)
000095	NL1.Conference 220	Sample JSC G2	Marketing	Media	130	Group(G2)
L-00002	NLL.Lonference 220	Sample JSC G2	Marketing	Media	129	Group(G2)
L-00005	NL1.Lonference 321	Sample JSC 62	Marketing	Media	132	Group(G2)
L-00007	NL1.Uffice 201	Sample JSC 62	Marketing	Media	134	Group(G2)
L-00008	NL1.Uffice 202	Sample JSC 62	Marketing	Media	135	Group(G2)
L-00009	NLT.Uffice 203	Sample JSC 62	Marketing	Media	136	Group(G2)
L-00010	NL1.Uffice 204	Sample JSC 62	Marketing	Media	13/	Group(G2)
L-00011	NL1.Uffice 205	Sample JSC 62	Marketing	Media	138	Group(G2)
L-00012	NL1.Uffice 206	Sample JSC 62	Marketing	Media	139	Group(G2)
L-00013	NL1.Uffice 207	Sample JSC 62	Marketing	Media	140	Group(G2)
L-00014	NL1.Uffice 208	Sample JSC 62	Marketing	Media	141	Group(G2)
-						
Total: 12			Remove all excer	stions		Selected U
			- International Street			

EXPLANATION

- "Transponder"
- "Owner"
- "List with doors"

"Authorised doors"

- \rightarrow Serial number of transponder
- \rightarrow Person to whom transponder is assigned
- → List of doors and locks for which transponder is authorised
- → Selectable display information for the table Target status:

Displays the intended authorisations on locks

Target status (exceptions):

Displays the individual authorisations which deviate from group authorisations

Actual status

Displays the programmed authorisations on locks

Programming requirement

Displays the authorisations and changes that have not yet been programmed

 \rightarrow Converts table to print-friendly view

"Print view"

TRANSPONDERS – ACTIONS

🗙 🥅 🔒	Q. 0; 0;	+ × 0			EX H G	Q 15 1
Name Doors Action	Configuration Mech. 1	Features Personal au	dit trail Holder Dan	ec Gienna	1	
Transportati.	1 00001	10				
Date 2010.02.04 21:53 2010.02.04 21:49	Type Last programmed Created	User Admin Admin	Description	Do		
Loroselloren lo		C CATTORY				

EXPLANATION

"Owner"

Table with actions

Handed back	
Date	Time
Thursday , 4. February 2010 👻	22:09:14

- \rightarrow Serial number of transponder
- → Person to whom transponder is assigned
 → Overview of activities undertaken with the
 - Overview of activities undertaken with the transponder. Entries are automatically created, but additional actions can also be entered and documents stored here

Possible actions

- Issued
- Withdrawal implemented
- Withdrawal planned

Add Remove → Add can be used to create manual entries
 → Remove can be used to delete manual entries

TRANSPONDERS – CONFIGURATION FOR G2 TRANSPONDERS

X 📑 🛱	Q 🔒	0,		×		Ŵ		14	4		M	EX	PL.	6	Q,	Fo	3
Name Doors Acti	ons Configuratio	m Mech.	. Features	Person	al audit ti	rail											
Transponder:	T-00001				1	Hold	der:	Danes, !	Sienna								
Locking system Target state Long o No acc Dynamic tim C Do not C uniti ar C Number Number of	Samp bening ustic opening sign e window change time wind anticular time of (tr of hours since la hours	le JSC G2 nal ow on gate next) day st complet	eway e hour of t Hou	pooking		Actu	ual state Long No ad Oynamic t O Do nu C until a Number	opening coustic op in change in particula ier of hou of hours	bening si ow time will s time of irs since	gnal ndow on (next) d. last com 1	gatewa ay plete ho	y Hours	king				
- Validation d	ate	Expiry	date				/alidation	date		E	opiry dat	•					

EXPLANATION

"Transponder"

- "Owner"
- "Target status"
- "Actual status"
- "Long opening"
- "No acoustic opening signal"

Dynamic time window for G2 transponder

"Do not change time window on gateway"

"Until a particular time of (next) day"

"Number of hours since last complete hour of booking"

Profile release

- → Serial number of transponder
- \rightarrow Person to whom transponder is assigned
- \rightarrow Configuration to be programmed
- → Programmed configuration
- \rightarrow The lock remains open for longer
- → The lock responds to the transponder without making an acknowledgement sound The basic settings for the locking system are adopted here, but can be individually adapted to each transponder
- → The validity of the G2 transponder to be booked on the gateway is not subject to a time restriction
- → The validity of the G2 transponder to be booked on the gateway is restricted to a fixed time
- → The validity of the G2 transponder to be booked on the gateway is extended by a certain number of hours Internal counter to manage the program status

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If you select "Do not change time window on gateway", the following configuration options are available to you.

Validation date	Expiry date							
05.02.10	26.03.10							
Time 08 🕂	Time 18 -							

"Activation date"

"Expiry date"

- → Date and time as of which transponder is to be valid
- → Date and time as of which transponder is to cease being valid

TRANSPONDERS – FITTINGS FOR G2 TRANSPONDERS

Name Doors Actions Configuration Mech. Features Persona	audit trail				
				1	
Transponder: T-00001	Holder:	Danes, Sienna			
Data					
Device class Transponder G2					

EXPLANATION

"Transponder"	
"Owner"	
Data	
"Device class"	

"PHI"

- → Serial number of transponder
 → Person to whom transponder is assigned
- Integration of programmed components into a particular hardware group Public Hardware Identifier, distinguishing \rightarrow
- \rightarrow feature for hardware

TRANSPONDERS – PHYSICAL ACCESS LIST FOR G2 TRANSPONDERS

2	×		A	0	. (?	0,		X	1	1			14	4		ÞI	•×	P.I	6	Q,	Fo	?
N	Vame Tr	Doors	Action	ns C	onfigur 0000K4	ation	Mech	. Featur	es Per	ional -	audit t	rail 0.wr	ner:	Ashby, !	ally								
	LD.	oto		[Do	or	_	_	_				Contractor I											
	20 20 20 20 20 20 20 20 20	10.02.2 10.02.2 10.02.2 10.02.2 10.02.2 10.02.2 10.02.2 10.02.2 10.02.2 10.02.2 10.02.2	8 02:26 8 02:26		N.MB. N.MB. Office (Office (Office (N.MB. Office (N.MB. N.MB. N.MB.	gf. Ma gf. Ma 02 02 gf. Ma 01 gf. Ma gf. Ma gf. Ma	in entra in entra in entra in entra	ance 02 ance 01 ance 02 ance 02 ance 01 ance 01						97 97 98 99 99 99 98 98 98 98 98 98 98 98									

EXPLANATION

- "Transponder"
- "Owner"

Table with physical access instances

- \rightarrow Serial number of transponder
- → Person to whom transponder is assigned
 → List of doors and locks that the transponder has accessed

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CREATING TRANSPONDERS

PROCEDURE

- Select icon
- or
- Edit
- Cransponder
- then
- New
- For the serial number enter the number of the transponder or leave the default number
- Select a person or create a new one
- Select transponder group

When you click Apply the transponder is saved. You can now create another transponder, as the New button has already been activated.

	0.		V De	8 -	1 34		100	1		Pr.	~	-	0
		7	× 💷		± 14	4 P	Pl	PX	PL	+3	Q	4	x
Serial number	r-00001		Auto 🔽 🔽	- Deactivate		Tran	sponder g		1				
Owner T	10		T		Ekpiny time								
Туре	Transponder G	2											
Description					Trans	ponder issi	uamoe	1					
									3				
1. A.													
Assigned transponder group	DS:						-					1	
Assigned transponder group	os: Level	Transponder	group	TID G1	Time group		TID	G2 G2	Time gro	up	1	1	SID ext
Assigned transponder group	os: Level	Transponder	group	TID G1	Time group		TID	G2 G2	Time gro	up	1		SID ext
Assigned transponder group	us:	Transponder	group	TID G1	Time group		TID	G2 G2	Time gro	up			SID ext
Assigned transponder group	os: Level	Transponder	group	TID G1	Time group		TID	G2 G2	Time gro	up	1		SID ext
Assigned transponder group	os: Level	Transponder	group	TID G1	Time group		TID	G2 G2	Time gro	up			SID ext
Assigned transponder group	is: Level	Transponder	group	TID G1	Time group		TID	G2 G2	Time gro	up			SID ext
Assigned transponder group Locking system V Set up new person	s: Level	Transponder	group	TID G1	Time group	group	TID	G2 G2	Time gro	up			SID ext
Assigned transponder group Locking system S Set up new person First name Last name	Simon	Transponder	group	<u>TID G1</u>	Time group	group ystem SC G2	TID	G2 G2	Time gro	up			SID ext
Assigned transponder group Locking system S Set up new person First name Last name Personnel number	Simon Orwell	Transponder	group	TID G1	Time group	group ystem SC G2 der group	TID	62 62	Time gro	up			SID ext
Assigned transponder group Locking system Set up new person First name Last name Personnel number Denattrant	Simon 0rwell P-0001	Transponder	group Auto 1		Time group	group ystem SC G2 der group	TID	62 62	Time gro	up			SID ext
Assigned transponder group Locking system Set up new person First name Last name Personnel number Department dordress	Simon Orwell P-0001 Market	Transponder	group Auto 1		Time group	group ystem CG2 der group	TID	· 62 62	Time gro	up			SID ext

EXPLANATION

"Assigned transponder group" "Create new person" –

(first name, surname...) "Add to group" – transponder group

- \rightarrow Displays the assigned transponder group
- \rightarrow Personal details of person
- → Transponder group in which the person is created

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1.14.2 EDITING TRANSPONDERS

PROCEDURE

- Select icon
- Select transponder using arrow buttons
- ● Edit
 - **C** Transponder properties
 - Select transponder using arrow buttons
- or

or

- Select the person you want to modify in the matrix
- Right-click
- Left-click on "Properties"
- Left-click on Transponder
- Select the person you want to modify in the matrix

• Ctrl+Shift+O

or

or

- Right-click on any transponder in the matrix
- Left-click on "Search"
- Select object
- Define property (e.g. surname)
- Enter designation or part of designation you want to search for
- Search
- Highlight the data record you want in the result set
- Select properties in "Navigation to view"
- Click on Execute to go to the transponder overview

then

- Modify data
- Apply

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1.15. PERSONS

1.15.1 GENERAL INFORMATION ABOUT PERSONS

ICON

EXPLANATION

The person is used to manage master data and additional information and is the assigned owner of one or more transponders.

PROCEDURE

- Select icon
 - Select person using arrow buttons
- or
- Description
- Person
- Select person using arrow buttons

or

- Ctrl+Shift+O
- Select person using arrow buttons

or

- Select the person you want to modify in the matrix
- Right-click
- Left-click on "Properties"
- Left-click on Transponder

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Locking System Manage File Database View Wiz	ement - [Ismdb - Person] ards Edit Reports Datarecord Brog	ramming <u>N</u> etwor	k <u>O</u> ptions	Window Help						 _ :
* 🗶 📑 📬	Q. 🛱 O: 🔸 X	0 0	8	10 11 1	11	IX IL G	Q	Fo	?	
First name	Sallu	-		-						
Last name	Ashby									
Title										
Address	Sample Street 123 London WC1E 7HU		Ţ.							
Telephone	+44(171)123456		•							
E-Mail	Sally.Ashby@sample.com					Inc				
Personnel number	P-00007									
User name	no									
Department	Marketing									
Location/Building	Head office									
Entry date:	29.04(201) + 🔽 not relevant									
Quitting date:	REAL PROPERTY IN Not relevant	- Transponders								
Date of birth	lanna ann _ I I not relevant	Serial number	er	Туре	1					
Cost Costro		0000KA T-00003		Biometry G2 Transponde	r G2					
Cost Centre	4462	T-00004 T-00026		Transponde Transponde	r G1 r G1					
Note										
		Manag	e							
E <u>d</u> it <u>N</u> ew		E	(Appl)	<u>E</u> xit		Help				
						VIRTUALXP-72976 : C	DM(*) TC	port:600	IO Adm	nin NUM

EXPLANATION

- "First name"
- "Surname"
- "Title"
- "Address"
- "Tel"
- "E-mail"
- "Employee number"
- "User name"
- "Department" "Site/Building"
- "Employed from"
- "Employed until"
- "Date of birth"
- "Cost centre"
- "Comments" "Picture"
-

Manage

- → Person's first name
- → Person's surname
- \rightarrow Person's academic salutation
- → Person's address
- \rightarrow Person's phone number
- → Person's e-mail
- → Employee number (must be unique), can be modified
- → Select the logon name if the person is also an LSM user
- → Person's department
- → Site / building where the person can be found
- \rightarrow Start date of employment contract
- \rightarrow End date of employment contract
- → Person's date of birth
- → Person's cost centre
- \rightarrow Free field for describing the person
- → This is where a picture of the person can be stored
- → Transponders that have already been created can be added or removed

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1.15.2 CREATING A PERSON

PROCEDURE

- Select icon
- New

or

- Edit
- Person
- New
- or
- Ctrl+Shift+P
- New

then

- In Manage, select a free transponder if necessary
- Enter details of person
- Apply

1.15.3 EDITING PERSONS

PROCEDURE

- Select icon
- Select person using arrow buttons
- or
- Delta
- Person
- Select person using arrow buttons

or

- Select the person you want to modify in the matrix
- Right-click
- Properties
- Person

or

- Right-click on any person in the matrix
- Search
- Select object
- Enter designation or part of designation you want to search for
- Search
- Highlight the data record you want in the result set
- Select properties in "Navigation to view"
- Click on Execute to go to the person overview

then

- Modify data
- Apply

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Page 71

1.16. AREA

1.16.1 GENERAL INFORMATION ABOUT AREAS

EXPLANATION

An area is a set of doors in a building or organisational unit with the same or similar transponder authorisations.

PROCEDURE

- Select icon
 - Select area using arrow buttons
- or
- Edit
- C Area
- Select area using arrow buttons
- or
- Right-click on Area
- Properties

or

• Ctrl+Shift+S

Select area using arrow buttons

or

- Right-click on any area in the matrix
- Search
- Select object
- Define property (e.g. name)
- Enter designation or part of designation you want to search for
- Search
- Highlight the data record you want in the result set
- Select properties in "Navigation to view"
- Click on Execute to go to the area overview

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🗶 📑 🔮 🎯	🔓 🢁	4 3	K Di	R		14 4	E ()	M	IX I	1 9	Q,	Fo	5
Locking system Name of the area Superordinate area Time zone Description	Sample JS(Developme Branch Ma no	G2 nt hardware nchester			Doors Door NL1A, NL1C, NL1C, NL1C, NL1C, NL1C, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1O, NL1A, NL1C, NL1	chives devo anference 1 anference 1 chen fice 101 fice 103 fice 103 fice 105 fice 106 fice 107	Locat el MAN 20 MAN 21 MAN 22 MAN MAN MAN MAN MAN MAN	ion	Building NL1 NL1 NL1 NL1 NL1 NL1 NL1 NL1 NL1 NL1	Floor bsmt 1st 1st 1st 1st 1st 1st 1st 1st 1st 1s			
					Total: 1	2				i i)oor adm	inistration	1

EXPLANATION

- "Locking system"
- "Name of area"
- "Superordinate area"

"Time zone"

""

"Description"

"Doors["] Authorisations

- \rightarrow Area's locking system
- \rightarrow Designation of area
- → Details of the area one level higher in the hierarchy
- → Details of time zone of area
- → Links to the properties of the selected time zone
- \rightarrow Free field for describing the area
- \rightarrow Displays the assigned doors
- → Authorised transponder groups can be viewed and set


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Door management

→ Displays and changes the doors assigned to the area



1.16.2 CREATING AN AREA

PROCEDURE

- Select icon
- Select area using arrow buttons
- or

or

- **Securit**
- C Area
- Select area using arrow buttons
- Right-click on Area
- New

then

or

- Ctrl+Shift+S
- New
- Enter details of area
- Apply

1.16.3 EDITING AN AREA

•

PROCEDURE

- Select icon
- Select area using arrow buttons
- or
- Edit
- Area
- Select area using arrow buttons

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- Select the area you want to modify in the matrix
- Right-click on Area
- **Properties**

or

• Ctrl+Shift+S

then

Modify dataApply

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1.17. LOCK

1.17.1 GENERAL INFORMATION ABOUT LOCKS

EXPLANATION

SimonsVoss describes as "locks" all products that can be operated with a transponder. This includes SmartRelais, activation units and locking cylinders, for example.

PROCEDURE

.

- Select icon
- Select area using arrow buttons
- or
- C Edit
- Deck properties
- Select lock using arrow buttons

or

- Right-click on the door / lock
- Properties
- Lock

or

Ctrl+Shift+C



EXPLANATION

"Serial number"

 \rightarrow This entry is created automatically the first

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		time a lock is programmed
"Door"	\rightarrow	Door to which the lock is assigned
""	\rightarrow	Links to the properties of the selected door
"Type"	\rightarrow	Lock type (e.g. locking cylinder)
"Lock ID"	\rightarrow	ID with which the door is stored in the
		software

"Show doors without locks"

"Configuration"

 \rightarrow If set, previously assigned doors are not shown

Show / modify configuration \rightarrow



"Fittings"

Show / modify lock fittings \rightarrow



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1.17.2 LOCK PROPERTIES

EXPLANATION

In the lock properties you can modify or view all information relating to the lock. You can navigate to the individual property groups using the tabs at the top.

PROCEDURE

- Select icon
- Select area using arrow buttons
- or
- Description
- Clock properties
- Select lock using arrow buttons

or

- Right-click on the door / lock
- Properties

Lock

or

• Ctrl+Shift+C

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LOCK PROPERTIES - NAME

Eil	e Data <u>b</u> a	se <u>V</u> iew	Wizards	Edit Rep	or <u>t</u> s Dat	a record	Progra	amming	Networ	k Option:	: <u>W</u> ind	ow He	elp							
2	×		â 🍳	6 ?	0,		x		0	-	14	3		M	PX.	M	6	Q	Fo	?
	Name	Door	Transponde	s Actions	Mech. I	Features	Config	uration/(Data S	tate Aud	it Trail									
0																				
	Seria	al number				00008	14				м									
	Doo					Main	entran	ce 01		-										
	Туре					Uylind	ler G2			-										
0																				
23																				
0																				
69																				

EXPLANATION

"Serial number"

- "M"
- "Door" "…"
- "Type"

- → Entry created automatically from the lock data the first time a lock is programmed
- \rightarrow Opens the lock in the matrix
- \rightarrow Door to which the lock is assigned
- \rightarrow Links to the properties of the selected door
- → Lock type (e.g. locking cylinder)

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LOCK PROPERTIES - DOOR

X 🖬 🔒	Q. 📴	ج ج	X 🗈	•		14	4	•	M	EX:	ы	6	Q	Fo	
Name Door Transport	000094 Main entra LON MB 000096 71 d to the following	Mech Features	Configuration.	'Data St	gf foyer	dit Trail	Door a	ttributes eft lock pens in n type nce- <u>H</u> nce-⊻	s for elections wards	etronic mo	ortice loc ght lock bens gut	sk wards			
Locking system Sample JSC G2		Ground floo	1		Level Standar		- Door a Outsi Inside	attribute ide dime e dimen	s for cyli ensions sions	inder 0		mm mm			
Manage Programming devic Type:	e	Device:	⊽ Non-allo	cated dev	vices			tet, doc lutside -side lo	r sk						

EXPLANATION

"Door designation"	\rightarrow	Name of door
"Location"		Location where door can be found (must be created first)
"Building"	\rightarrow	Building in which door is located (must be created first)
"Floor"	\rightarrow	Floor on which door is located (can be created by inputting text)
"Room number"	\rightarrow	Room number of door (can be created by inputting text)
"Description"	\rightarrow	Free field for describing the door
"Locks"	\rightarrow	Locks assigned to the door
Manage	\rightarrow	Option of removing a door or assigning it to a particular area
"Tvpe"	\rightarrow	Selection of programming device type
"Device"	\rightarrow	Selection of a particular programming device, mainly required for LON and WaveNet
"Unassigned devices"	\rightarrow	When this option is selected, otherwise assigned LON and WaveNet nodes are no longer displayed
"Door attributes for mortise lock"	\rightarrow	Additional data can be specified for the mortise lock
"Door attributes for locking cylinder"	\rightarrow	Additional data can be specified for the locking cylinder

LOCK PROPERTIES- TRANSPONDER

X 📑 🖬	Q 02 02	- × B		4 4 F	EX H C) Q Fg
Name Door Transp	oonders Actions Mech	Features Configuration/I	Data State: Audit T	rail		
Lock:	000094		Door: H	fain entrance 01		
Serial number	Owner	Locking system	Area	Transponder group	TID Access	
T-00011 T-00013 0000KA 0000KB T-00001 T-00002 T-00003 0000KC	White, Susan York, Kelly Ashby, Sally Cook, Steve Drwell, Simon Long, Richard Ashby, Sally Danes, Sienna	Sample JSC G2 Sample JSC G2	Marketing Marketing Marketing Marketing Marketing Marketing Marketing Marketing	Cleaning Cleaning Marketing Marketing Marketing Marketing Marketing Media	3210 Group[G 3210 Group[G 3200 Group[G 3210 Group[G 3215 Group[G 3216 Group[G 3214 Group[G	2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2)

EXPLANATION

Table

"List with transponders" "Authorised doors"

- → Overview of all transponders authorised for the lock
- \rightarrow List of transponders authorised for the lock
- → Selectable display information for the table Target status:

Displays the intended authorised transponders

Actual status (lock - G1):

Displays the programmed G1 authorisations Actual status (lock+transponder):

Displays the programmed authorisations for transponders

Programming requirement

Display of authorisations and changes that have not yet been programmed

 \rightarrow Converts table to print-friendly view

"Print view"

LOCK PROPERTIES – ACTIONS

XI		Q ip O,			4 4 3	M	PX PI	4	Q,	Ę
Name Do	por Trans	ponders Actions Mec	h. Features Configurat	ion/Data State Audit T	irail					
Lock:		000096		Door: H	Main entrance 01					
Date		Type	User	Description	Do	1		_		
2010.0	02.07 08:18 02.07 08:13	Last programmed Reset	Admin Admin							
2010.0	JI.28 17:39	Lreated	Admin							
-										

EXPLANATION

"	Lock"
"	Lock'

"Door" Add

Table with actions

Installed	-
Date	Time
Monday, 8. February 2010 -	09:22:29

- → Serial number of lock
- \rightarrow Door to which lock is assigned
- \rightarrow Add can be used to create manual entries
- → Overview of activities undertaken with the lock. Entries are automatically created, but additional actions can also be entered and documents stored here

Possible actions

- Dismantled
- Replaced
- Installed
- Last battery change
- Scheduled battery change

LOCK PROPERTIES – G1 FITTINGS

		🔐 🎯	*		n		14			H	ЪX	19	6	Q	5	?	
Na	me Door Transponders A	ctions Mech. Fea	tures Configu	uration/D	ata St	ate Au	dit Trail										
	Lock: L-0	0022			Door	ÿ	Main e	entrance	foyer 2								
	Product: Serial number:	TN4 (FD) 12-04070006981															
	Attributes for cylinder Outside dimensions Inside dimensions Metal Door Outside Ø Both sides free spinni Multi-detented VDS / SKG Filethomatik Ø Button control Ø Audit Trail / Time Zor	135 m 135 m	n														
	⊂Knobs Material □ RAL-Color	Stainless ste	el														

 \rightarrow

EXPLANATION

- "Lock"
- "Door"
- "Product"
- "Serial number"

Attributes for locking cylinders

"Knobs" Data Device class PHI

Profile release

 $\stackrel{}{\rightarrow}$ $\stackrel{}{\rightarrow}$ $\stackrel{}{\rightarrow}$ Door to which lock is assigned Product group

Serial number of lock

- Serial number read during programming
- \rightarrow Are automatically read and entered into a workstation the first time a lock is programmed
- \rightarrow The attributes that were entered manually in the door are adopted
- \rightarrow Information on type of knobs
- \rightarrow Product class of lock
- \rightarrow Public Hardware Identifier, hardware identification
- \rightarrow Internal counter to manage the programming processes

LOCK PROPERTIES – G2 FITTINGS

r Transponders A	Ctions Mech	Features	X Config	B) guration/D	Data State	Audat	4 4		M	¥X4	ÞI.	9	Q,	Fo	?
or Transponders A 000	ctions Mech	. Features	Config	guration/E	ata State	A		_							
000	2000					Audit	rail					-			_
000	2000														
.000					111-2010										
	1033				Door:	U	Iffice U2								
ct:	Cylinder G2 (Fl	5)													
number:	000099														
es for cylinder					Data							_			
der data:	Z4.61-39.8	D.G2			Device	class		C	ylinder G2	-	-				
utside dimensions	0	mm			PHI			0	00099		-				
side dimensions	0	mm			Profile r	elease		7	9		-				
Description															
	I number: I tes for cylindet rder data: utside dimensions side dimensions Description	Inumber: 000099 tes for cylinder rder data: 24,61-39,F utside dimensions 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Inumber: 000099 tes for cylinder rder data: Z4, 61-39, FD. G2 utside dimensions 0 mm side dimensions 0 mm Description	Inumber: 000099 tes for cylinder Irder data: 24.61-39.FD.62 utside dimensions 0 mm Description 1	Inumber: 000099 tes for cylinder irder data: Z4.61-39.FD.G2 utside dimensions: 0 mm iside dimensions 0 mm Description	Inumber: 000099 tes for cylinder rider data: Z4.61-39.FD.G2 Utside dimensions 0 mm Description Description	Inumber: 000099 tes for cylinder rider data: Z4.61-39.FD.62 Utside dimensions 0 mm Description Descrip	Inumber: 000099 tes for cylinder rider data: Z4.61-39.FD.62 Utside dimensions 0 mm Description Description Description	Inumber: 000099 tes for cylinder Data rider data: 24.61-39.FD.62 utside dimensions 0 mm PHI Description	number: 000099 tes for cylinder Data rder data: 24.61-39.FD.62 utside dimensions 0 mm 000039 Description PHI Description 79	Inumber: 000099 tes for cylinder Data rider data: 24.61-39.FD.62 utside dimensions: 0 0 mm Description PHI 000099 000099	Inumber: 000099 tes for cylinder Data rider data: Z4,61-39,FD.62 Device class Cylinder 62 utside dimensions: 0 mm PHI 000099 side dimensions: 0 mm Profile release 73	Inumber: 000099 tes for cylinder Data rider data: 24.61-39.FD.G2 utside dimensions 0 0 mm Description 79	Inumber: 000099 tes for cylinder Ites for cylinder rider data: 24.61-39.FD.62 utside dimensions 0 0 mm Description 79	Inumber: 000099 tes for cylinder Data rider data: 24.61-39.FD.62 utside dimensions: 0 0 mm Description Profile release 79

EXPLANATION

- "Lock"
- "Door"
- "Product"
- "Serial number"
- Attributes for locking cylinders

Use

- "Knobs" Data Device class PHI
- Profile release

- \rightarrow Serial number of lock
- \rightarrow Door to which lock is assigned
- → Product group
- → Serial number read during programming
- → Are automatically read and entered into a workstation the first time a lock is programmed
- → The attributes that were entered manually in the door are adopted
- → Information on type of knobs
- \rightarrow Product class of lock
- → Public Hardware Identifier, hardware identification
- → Internal counter to manage the programming processes

LOCK PROPERTIES - G1 CONFIGURATIONS / DATA



EXPLANATION

- "Lock"
- "Door"
- "Target"
- "Actual"
- "Locking system ID"
- "Lock ID"
- "Access control"
- "Time zone control"
- "Overlay"
- "Long triggering" "OMRON"

- → Serial number of lock
- → Door to which lock is assigned
- → Desired lock configuration
- → Configuration of programmed lock
- → Internal locking system ID to distinguish the system
- → Internal number of lock
- → Option of logging access instances
- → Option of restricting the access times for transponders
- → Storing reserve IDs in the locks to respond to losing transponders
- → Longer engagement / switching of lock
- → All product versions can be operated in OMRON mode. If you would like the SmartRelais to transfer the transponder data to an external system and a remote opening command to be sent to the cylinder when transfer is activated from the SmartRelais by the external system, select this option on both the SmartRelais and the cylinder. Please note: If you use this

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"No acoustic programming
acknowledgement"
"Log unauthorised access
instances"
"Time conversion"

configuration, it is no longer possible to open the cylinder using the transponder! Please refer to the SmartRelais Manual for an exact description.

- → During programming, the lock does not confirm the process by blips
- → Logging of unauthorised access instances, only in conjunction with "access control"
- → The lock automatically changes the status at set times according to the settings under Extended configuration

fime-based switching		Time-based switching	
Manual disengaging	Automatic disengaging	C Manual disengaging	@ Automatic disengeging
Manual engaging	C Automatic engaging	C Magital Engaging	C Automatic engaging
ransponder active:		Transponder active:	
~ always	only when disengaged	C alway;	C only when disengaged
iways	 only when disengaged 	C. Jawak	 Outh when greenhaded

"Flip flop"

"Last change"

Public holiday list valid until "Last programming"

Extended configuration

Software reset

- → The lock changes the status when an authorised transponder is activated
- → Last not yet programmed change to settings for
 - Time zones
 - Public holiday lists
- \rightarrow Validity list of the used public holiday list
- \rightarrow Last programmed change to settings for
 - time zones
 - public holiday lists
- → Target / actual settings for time-controlled conversion (only for appropriate products)
- → For resetting the actual values in the software, please refer to <u>10.5 Procedure for replacing a defective lock</u>)

LOCK PROPERTIES - G2 CONFIGURATIONS / DATA

Name Door Transponders Actions Mech Features Configura	n/Data State Audit Trail								
Lock: L00004	Door NI 1 Conference 320								
Tarat	Astrol								
larget	Actual								
Locking system IU	Locking system ID								
[11328	111328								
Lock ID	Lock ID Firmware								
131	[131 [2.0.05								
Pulse length 5 Sec.	Pulse length 5 Sec.								
🔽 Audit trail	🔽 Audit trail								
I Time zone management	I Time zone management								
Log unauthorised attempts	C Log unauthorised attempts								
Gateway	Gateway □ Flip Flop								
Flip Flop									
T No acoustic battery warnings	□ No acoustic battery warnings								
	D. K. L. K. K. B. 201010105100								
Last modified	Public holiday list valid until 23, 12, 19 13;54:09								
Time zones: 23.01.10.09:18:30	Time zones: 23.01.10.09:18:30								
Public holiday lists: 29.12.09 13:54:09	Public holiday lists: 29.12.09 13:54:09								
	Attention! Changing this data can make it impossible								
	to program the lock								

EXPLANATION

"Lock"	\rightarrow	Serial number of lock
"Door"	\rightarrow	Door to which lock is assigned
"Target"	\rightarrow	Desired lock configuration
"Actual"	\rightarrow	Configuration of programmed lock
"Locking system ID"	\rightarrow	Internal locking system ID to distinguish the system
"Lock ID"	\rightarrow	Internal number of lock
"Pulse length"	\rightarrow	Duration of signal for activating the lock (max. 25 seconds)
"Access control"	\rightarrow	Option of logging access instances
"Time zone control"	\rightarrow	Option of restricting the access times for transponders
"Log unauthorised access instances"	\rightarrow	Logging of unauthorised access instances, only in conjunction with "access control" \rightarrow
"Gateway"	>	Not allowed with locking cylinders!
"Flip flop"	\rightarrow	The lock changes the status when an authorised transponder is activated
"No acoustic battery warnings"	\rightarrow	When this function is activated, there are no

When this function is activated, there are no \rightarrow acoustic warnings for the status of the

Page 87

"Last change"	\rightarrow	battery in the components Last not yet programmed change to settings for
		Time zones Dublic habitate
Public boliday list yolid uptil	د	Public holiday lists Validity list of the used public holiday list
	~	validity list of the used public holiday list
"Last programming"	\rightarrow	Last programmed change to settings for
		 time zones
		 public holiday lists
Software reset	\rightarrow	For resetting the actual values in the
		software, please refer to 10.5 Procedure for

software, please refer to 10.5 Procedure for replacing a defective lock)

LOCK PROPERTIES – G1 STATUS

🗶 📑 🛱 🚳 📴 🞯 🥠 🗡 🗉	
Name Door Transponders Actions Mech. Features Configurati	/Data State Audit Trail
Lock: L-00003	Door: Main entrance foyer
State during last read-out:	
Please change battery	
Emerg. batt. active	
T Emergency release active	
Deschvated Transported approximate	
Engaged	

EXPLANATION

"Lock" "Door" "Status"

- \rightarrow Serial number of lock
- \rightarrow Door to which lock is assigned
- \rightarrow The last read status of the lock is shown, and when the lock is read, the status is updated
 - Critical battery status
 - Data error

 - Emergency battery activeEmergency activation active
 - Deactivated
 - Time-controlled opening running
 - Coupled

LOCK PROPERTIES – G2 STATUS

		0		0	0		14		ES.	E	14	40	-	-	140		r.	~	1	~
-				<u>n</u>	S		00				14	4		PI	PX.	PL.	+3	Q	-0	*
N	ame Do	or Transp	onders A	lictions	Mech.	Features	Config	guration/	Data SI	ate Au	ıdit Trail									
	Lock:		000094						Doo	r;	Main	entranci	e 01							
	State	during last rea	ad-out:																	
	Batter	ry status	C	JК																
	I E	mergency rele	ease																	
	ΓD	eactivated																		
	IT E	ngaged																		
	IT SI	torage mode																		
								-												
)																				

EXPLANATION

- "Lock" "Door"
- "Status"

- Serial number of lock
- \rightarrow \rightarrow
- Door to which lock is assigned The last read status of the lock is shown, \rightarrow and when the lock is read, the status is updated
 - Emergency activation •
 - Deactivated
 - Coupled
 - Storage mode

LOCK PROPERTIES – ACCESS LIST

5	e 🖩	9	0	-	0		X	124	1		14			M	EX.	51	6.	0	-	2
		• ••		A stress		Carabana.	10.00		Paul	Challe A	udit Trail		-					100		-
-140	ame Do		risponders	Actions	Mech.	reatures	r j comi	guradoriz	Data	State										
	Trach		00000						D.				- 01							
	LOCK.		00003-	+					1.00	jor.	maine	nuanc	eur							_
	Date		Uwner				13	erial nur	nber		10									
	-																			

EXPLANATION

"Lock" "Door"

Table

Print view

"Delete access list" "Access list for door"

- \rightarrow Serial number of lock
- → Door to which lock is assigned
 → Overview of all instances of act
- Overview of all instances of access that have been read on the lock
- \rightarrow Converts table to print-friendly view
- → All entries in the table are deleted
 → When this option is selected all inst
 - When this option is selected all instances of access for the door are displayed, not just those for the selected lock. All instances of access for the locks installed on the door are therefore displayed

LOCK PROPERTIES – LOCK COMPONENTS

ame Door Transponders Actions Mech. Features Configuration/Date State Audit Trail Lock components Lock: L-00002 Door: NL1.Conference 220 PHI Type Master Wavenet nodes 1200 Card interface 62 Door: NL1.Conference 200	
Lock: L-00002 Door: NL1.Conference 220 PHi Type Master Wavenet nodes 1200 Card interface 62	
PHI Type Master Wavenet nodes 1200 Card interface G2	
1200 Card interface 62	

EXPLANATION

"Lock"	\rightarrow	Serial number of lock
"Door"	\rightarrow	Door to which lock is assigned
Table	\rightarrow	Overview of all instances of access that have been read on the lock
"PHI"	÷	Public Hardware Identifier, distinguishing feature for hardware
"Type"	\rightarrow	Explanation of the type
"Master"	÷	This entry lists the relevant master components for remote components
WaveNet node	\rightarrow	This entry lists the WaveNet address of the relevant node for networked components

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1.17.3 CREATING A LOCK

•

PROCEDURE

- Select icon
- or
- Edit
- Lock •
- New
- or
- Right-click on Door / Lock •
- Left-click on ⊃ New ⊃ Lock •

or

- Ctrl+Shift+C • New
- then

.

- Enter details of door and area •
- Apply •

Eile	Data <u>b</u> ase	View Wizards	Edit Reports	Data <u>r</u> ecord	l <u>P</u> rogram	ming <u>N</u> etwo	rk Option	is <u>W</u> indow	Help		1					
2,	×		🔓 💁	+	X			14	1 () ()	ÞĒ	EX.	ы	6	Q	Fø	?
										1						
~	Serial nur	nber	L-00003			Auto		Config	uration							
	Door		na			2		Mech. F	eatures							
	Туре		Cylinder G2				_	1000								
	Lock ID		10													
00	✓ Insert	door			I⊽ Ad	d to area										
-	Door/loc	ation	-		Locking	g system	Sample J	6C G2	•							
	Room nu	mber			Area		[System a	rea]	•							
inter la	Edi	New	-		Apply		<u>E</u> sit	Е	elp							
		_														
9																
-																
õ																

EXPLANATION

"Serial number"

Determines the unique number in the system according to the preset designation, the product serial number is stored during programming. "Auto" \rightarrow When this option is selected, serial numbers are automatically numbered consecutively \rightarrow Option of selecting an existing door, the "Door" field is deactivated if "Insert door" is selected

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""

"Type"

"Lock ID"

Configuration

- \rightarrow Links to the door properties (if already present)
- \rightarrow Selects the lock type
- \rightarrow Internal lock management number, use Apply to enter
- \rightarrow Configuration data for new lock



Selects the fittings



- \rightarrow When this option is selected you can create a new door to which the lock will be assigned \rightarrow "Door / Location" Designation of door to be inserted "Room number" \rightarrow Identifying number of room \rightarrow Area to which the new door and lock are
 - assigned. If nothing is selected here, you can undertake the assignment at a later date using "Unassigned objects"
 - \rightarrow Selects the locking system
 - \rightarrow Assigns to an existing area

Fittings

"Insert door"

"Add to area"

"Locking system"

"Area"

\rightarrow

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1.17.4 EDITING A LOCK

PROCEDURE

EXPLANATION

SimonsVoss describes as "locks" all products that can be operated with a transponder. This includes SmartRelais, activation units and locking cylinders, for example.

PROCEDURE

- Select icon
 - Select area using arrow buttons
- or
- C Edit
- Cock properties
- Select lock using arrow buttons

or

or

- Select the lock you want to modify in the matrix
- Right-click on the door / lock

- **Properties**
- Lock
- Right-click on any lock in the matrix
- Search
- Select object
- Enter designation or part of designation you want to search for
- Search
- Highlight the data record you want in the result set
- Select properties in "Navigation to view"
- Click on Execute to go to the lock overview

or

- Right-click on the door / lock
- **Properties**
- Cock

then

- Modify data
- Apply

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1.18. DOORS

1.18.1 GENERAL CORRECTIONS FOR DOORS

EXPLANATION

A door is the assigned installation site for one or more locks. It is possible to store additional parameters such as description of lock, floor and building.

PROCEDURE

- Select icon
- Select area using arrow buttons
- or
- C Edit
- Door
- Select door using arrow buttons

or

- Right-click on the door / lock
- Properties
- Door

or

• Ctrl+Shift+D

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× 🖬 🔒 🕻	b , b , d , f k b		4 14 14	₩ H G	Q	Fo	
Door designation Location Building	Archives development LON Floor B Room number	bsmt 02	Door attributes for elec Left lock	Control contro control control control control control control control control co			
Description Locks	L-00034 / Cylinder G2 o the following areas:	111	Color nc Lock type nc Distance- <u>H</u> 0 Distance-⊻ 0				
Sample JSC G2	l Artea Basement	Standard	Door attributes for cylinder Outside dimensions 0 mm Inside dimensions 0 mm				
Programming device Type: Config Device	Device: 🔽 Non-alloc	Outside Dutside SmartReader PhN-Code Terminal					

EXPLANATION

"Door designation"	\rightarrow	Name of door
"Location"	\rightarrow	Location in which the building can be found (must be created first)
"Building"	\rightarrow	Building in which door is located (must be created first)
"Floor"	\rightarrow	Floor on which door is located (can be created by inputting text)
"Room number"	\rightarrow	Room number of door
"Description"	\rightarrow	Free field for describing the door
"Locks"	\rightarrow	Locks assigned to the door
Assignment to areas		C C
Manage	\rightarrow	Option of removing a door or assigning it to
Brogramming device		
"Tupo"	<u>ک</u>	Coloction of programming device type
Туре	7	(config device, LockNode, WaveNet node)
"Device"	\rightarrow	Selection of a particular device, mainly
<i>"</i>		required for LON and WaveNet
"Unassigned devices"	\rightarrow	When this option is selected, otherwise assigned LON and WaveNet nodes are no
"Description the line to a fam	、	Additional data is alcown for the months had
mortise lock"	7	Additional data is snown for the mortise lock
"Door attributes for locking	\rightarrow	Additional data can be specified for the
cylinder"		locking cylinder

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1.18.2 EDIT DOOR

PROCEDURE

- Select icon
- Select area using arrow buttons
- Edit
 - Door
 - Select door using arrow buttons

or

or

or

- Select the door you want to modify in the matrix
 - Right-click on Door
 - **Properties**
 - Door
- Right-click on any door in the matrix
- Search
- Select object
- Enter designation or part of designation you want to search for
- Search
- Highlight the data record you want in the result set
- Select properties in "Navigation to view"
- Click on Execute to go to the door overview

or

- Right-click on the door
- **Properties**
- Door
- then
- Modify data
- Apply

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1.19. LOCATION

1.19.1 GENERAL INFORMATION ABOUT LOCATIONS

EXPLANATION

Locations are created to allow better assignment of the various buildings. This is a simple element that makes things easier to follow visually and provides additional subdivision within the locking system.

PROCEDURE

- Cedit
- Description

• •	* 🖬 🔒	9	6 <mark>7 0</mark> 7	4	ж	0	6	14	4		ÞI	×	14	9	Q	Fo	
	Name	Branch	Manchester					 Ē	Building ad	dministra	ation						-
2	Abbreviation	-							Abbrevia	ation	N	ame				T	
	ADDICVIDION	MAN							NET		N	-1					
	Local time zone	no			-]]											
	Description																
									-								
									-								
									-								
									Selected	± 0							
)									LON				_		_	+	
									1								

EXPLANATION

- "Name"
- "Abbreviation"

"Local time zone"

"Description" Building administration

- "Abbreviation"
- "Name"
- Execute

- \rightarrow Designation for the location
- \rightarrow Abbreviation for the location
- → Assigned time zone, acts as a time base for the components of the locking systems
- → Free field for describing the location Overview of the buildings found in this location
- \rightarrow Abbreviation of the building
- \rightarrow Name of the building
- → The selected building can be assigned to another location

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1.19.2 CREATE LOCATION

- C Edit
- Cocation
- New
- Enter data
- Apply

1.19.3 EDIT LOCATION

- C Edit
- Cocation
- Select location using arrow buttons
- Modify data
- Apply

NOTE

When exported to the pocket PC and in the matrix, building structures are shown using the additional columns (see <u>1.5.2 Additional columns in label bars</u>).

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1.20. 5.9 BUILDING

1.20.1 5.9.1 GENERAL INFORMATION ABOUT BUILDINGS

EXPLANATION

Buildings are created in order to better spatially map the property and the doors located in it. This is a simple element that makes things easier to follow visually and provides additional subdivision within the locking system.

PROCEDURE

- Edit
- Building

Lie	Data <u>b</u> ase ⊻i	ew Wi <u>z</u> a	ards <u>E</u> di	it Repo	orts Da	ta <u>r</u> ecord	Progr	amming	Networ	k Option	ns <u>W</u> in	dow t	Help							
*	× 🖷	A ,	9	6 ?	0,	4	X	0	6		14	- 40		M	×	PL.	9	Q,	Fo	?
	Name		Main E	ouilding							•									
	Abbreviat	ion	МВ	-																
1	Descriptio	n	Main E	building							-									
ĸ																				
	Location		LON				_				1									
		_			_															
	Edit	-	New		L	Apply		<u>E</u> xi	<u>a</u>	<u> </u>	elp									
)																				

EXPLANATION

- "Name"
- "Abbreviation"
- "Description"
- "Location"
- "..."

- \rightarrow Designation of the building
- → Abbreviation for the building
- → Free field for describing the building
- → Assigned location of the building
- \rightarrow Displays the characteristics of the location

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1.20.2 5.9.2 CREATE BUILDING

- C Edit
- **Description**
- New
- Enter data
- Apply

1.20.3 5.9.3 EDIT BUILDING

- Edit
- **Description**
- Modify data
- Apply

NOTE

When exported to the pocket PC and in the matrix, building structures are shown using the additional columns (see <u>1.5.2 Additional columns in label bars</u>).

10.0 WIZARDS

The wizards available in the system guide the user through the process of creating doors with locks and persons with transponders. All the information which is relevant to the system is queried as you work through the various input screens so that the components can be created properly.

This assists inexperienced users as they become familiar with the system in order to learn about the information that is relevant to the system. Professionals too will value this as a tool which allows them to create new components quickly and without forgetting important information even when under pressure.



EXPLANATION

A door is the assigned installation site for one or more locks. It is possible to store additional parameters such as description of lock, floor and building. The locks are stored on the doors. SimonsVoss describes as "locks" all products that can be operated with a transponder. This includes SmartRelais, activation units and locking cylinders, for example. It is also possible to create the associated lock when using the door wizard.

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1.21. DOOR WIZARD

PROCEDURE

- **O** Wizards
- Door

STEP 1

Door designation	Main entrance foyer					
Location	LON	Floor	gf			
Building	MB	Room number	foyer			
Description	Entrance to foyer on	ground floor				
Lock type	Cylinder G1					
Serial number	L-00003	Aut	• 🔽			

EXPLANATION

- "Door designation"
- "Location"
- "Building"
- "Floor"
- "Room number"
- "Description"
- "Lock type"
- "Serial number"

- → Name of door
- → Location in which the building can be found (must be created first)
- → Building in which door is located (must be created first)
- → Floor on which door is located (can be created by inputting text)
- → Room number of door
- \rightarrow Free field for describing the door
- → Type of locks
- → Determines the unique number in the system according to the preset designation, the product serial number is stored during programming.

STEP 2

Level	Locking system		Area
Standard	Sample JSC G1	•	Main entrance
Green	no		no
Blue	no	-	no
Red	no	-	no
Туре:		De	vice: 🔽 Non-allocated devices
Config Dev	/ice	D	efault 👱

EXPLANATION

Areas "Level"

"Area"

- → Determines the level to which the new door should be assigned:
 - standard (black)
 - green (superordinate locking level)
 - blue (superordinate locking level)
 - red (superordinate locking level)
- → Selection of locking system to which a door is assigned
- → Selection of an area in the selected locking system
- → Determines the programming for the components in the door:
 - config device
 - LockNode
 - WaveNet node
- → Selection of the device which is to communicate with the components
- → If this option is ticked, only the devices which are currently still not assigned to a door will be shown.

"Туре"

Programming device

"Locking system"

"Device"

"Unassigned devices"

STEP 3

		Please e	nter door fitt	ings.	
Outside dimensions	35	mm			
Inside dimensions	35	mm			
T Met. door					
Outside					
V Z-side lock					

EXPLANATION

- Fittings of door
- "Outer dimensions"
- "Inner dimensions"
- "Fire-retardant door"

"Outside"

"Freely rotating"

- \rightarrow Outer dimensions of cylinder
- \rightarrow Inner dimensions of cylinder
- → Classification of door as fire-retardant door, the production hall cylinder with improved range should be used for these doors
- → If the door is located outside, a WP cylinder or additional measures are required
- → A cylinder which is freely rotating on both sides is required

STEP 4 G1

Audit trail			
Time zone management			
C Overlay			
Long release			
T No sudible feedback			
V Time switching			
T The Flop			
Time-based switching			
C Manual disengaging		Automatic disengaging	
Manual engaging	C	Automatic engaging	
Transponder active:			
C always	<i>[</i> •	only when disengaged	

EXPLANATION

\rightarrow	Activate logging of access instances
\rightarrow	Control the physical access times for transponders
÷	Store transponder IDs in the locks to respond to losing transponders (always applies to an entire locking system)
\rightarrow	The lock is engaged for longer
\rightarrow	Activation of OMRON mode
÷	There is no acoustic programming acknowledgement by the cylinder during programming
	$\begin{array}{c} \rightarrow \rightarrow \\ \rightarrow \end{array}$

→ Unauthorised physical access instances are also stored

- → Activates the controlled times for engagement and disengagement
- → The lock changes its status each time a transponder is booked
- → At the end of the time changeover the lock waits for an authorised transponder before it disengages
- → The lock disengages automatically once the time changeover has ended
- → At the start of the time changeover the lock waits for an authorised transponder before it

"Log unauthorised access instances"

- "Time changeover"
- "Flip-flop"

Time-controlled changeover "Manual disengagement"

- "Automatic disengagement"
- "Manual engagement"

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"Automatic engagement"

"Transponder active" "Always"

"Only when disengaged"

Continue

engages

- → The lock engages automatically once the time changeover has started
- → The transponder can always change the status of the lock
- → The transponder can only change the status of the lock when it is not permanently engaged (normal physical access)

STEP 4 G2

	Confi	gure the G2 loc	king cylinder	
🔽 Audit trail				
🔽 Time zone manag	gement			
Log unauthorised	l attempts			
Gateway				
✓ Flip Flop				
	ary warnings			
Puise length	15	Sec.		

EXPLANATION

-	-
" A	1 - 1 17
	CONTROL
ACCCSS	CONTROL

"Time zone control"

"Log unauthorised access instances" "Gateway"

"Flip-flop"

"No acoustic battery alerts"

"Pulse length"

- \rightarrow Activate logging of access instances
- → Control the physical access times for transponders
- → Unauthorised physical access instances are also stored
- → Not allowed with locking cylinders!

transponder

- → The lock changes its status each time a transponder is booked
- → A possible battery alert is not indicated acoustically on the cylinder, the battery status can only be viewed during programming
- \rightarrow Duration of the engagement procedure
STEP 5

Name	Serial number	Locking system	Transponder gro	Time gr	ė
Long, Richard	T-00005	Sample JSC G2	Bookkeeping	no	
Meyer, Peter	T-00006	Sample JSC G2	Bookkeeping	no	
Miller, Michael	T-00007	Sample JSC G2	Bookkeeping	no	
Schore, Kathrin	T-00008	Sample JSC G2	Development ha	yes	
Sheffield, Kim	T-00009	Sample JSC G2	Development ha	yes	
Stone, Mary	T-00010	Sample JSC G2	Development ha	yes	
🗹 White, Susan	T-00011	Sample JSC G2	Cleaning	yes	
🗹 Williams, Sara	T-00012	Sample JSC G2	Cleaning	yes	
Vork, Kelly	T-00013	Sample JSC G2	Cleaning	yes	
🗖 Gilmore, John	0000K8	Sample JSC G2	Field staff	no	
🗖 Danes, Sienna	0000KC	Sample JSC G2	Media	no	
🗖 Orwell, Simon	T-00001	Sample JSC G2	Marketing	nd	
🗖 Ashby, Sally	T-00003	Sample JSC G2	Marketing	no	-

EXPLANATION

Issuing authorisations "Name"

"Serial number"

"Locking system"

"Transponder group"

"Time group"

- → Displays the transponder owner, changing the option allows you to adjust the authorisations to a new door
- → Serial number of the transponder assigned to the person
- → Assigned locking system
- → Transponder group to which transponder is assigned
- → Time group to which transponder is assigned

• Finish

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STEP 6 CLOSING

Create door - end		8
The door "Main e	ntrance foyer" has been successfully created. You can program the loc immediately or create another door.	sk
	Programming	
	Use the configuration selected as the default for the ne door	ext
	Itack Continue Frenzate Exit	Help

EXPLANATION

or

Closing the wizard Program

"Use the configuration selected for the next door"

- Repeat
- Close

- → The newly created lock can be directly programmed from the wizard
- → Once the wizard is restarted, the universally valid values are adopted

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1.22. 6.2 **PERSON WIZARD**

PROCEDURE

- Wizards ٠
- Person

STEP 1

Please enter relevant da	ata for the new person in the corres	ponding boxes
First name	Will	
Last name	Sing	
Title	Pr. Eng.	
Personnel number	P-00017	Auto 🔽
Department	Development	-
Address	Malet Street 17, W1A 1	AE London
Telefon	+44 (0)20 12345678	
Transponder type	Transponder G1	*
Serial number	T-00014	Auto 🔽

EXPLANATION

- "First name"
- "Surname"
- "Title"
- "Employee number"
- "Auto"

"Department"

- "Address"
- "Tel"
- "Transponder type"
- "Serial number"
- "Auto"

- \rightarrow First name of new person
- \rightarrow Surname of new person
- \rightarrow Title of new person
- \rightarrow Employee number of new person
- \rightarrow If this option is selected, the employee number is issued by the system
- \rightarrow Department of new person
- Address of new person
- \rightarrow \rightarrow \rightarrow Phone number of new person
- Type of transponder to be created
- \rightarrow Serial number of new transponder
- \rightarrow If this option is selected, the serial number is issued by the system

Continue

STEP 2

email	info@simons-voss de
Location/Building	London, Head office
Entry date:	01.01.2010 V not relevant
Quitting date:	Interesting → IV not relevant
Date of birth	06.07.1966 V not relevant
Cost Centre	4711
Note	Development hardware

EXPLANATION

 "E-mail" → "Site/Building" → 	E-mail address of new person Workplace of new person
"Not relevant" \rightarrow	If this option is deselected, a date can be stored by selecting a calendar
"Employed from:" \rightarrow	Starting date of new person
"Not relevant" →	If this option is deselected, a date can be stored by selecting a calendar
"Employed until:" \rightarrow	Leaving date of new person
"Not relevant" →	If this option is deselected, a date can be stored by selecting a calendar
"Date of birth" \rightarrow	Date of birth of new person
"Cost centre" \rightarrow	Cost centre of new person
"Comments" \rightarrow	Additional information about new person

Continue

For information on G2 components, see page 15.

STEP 3 G1

Locking system		Transponder group
Sample JSC G1		Development
lia.	Ŧ	00 2
manual assi	gnment of G1 TIDs (if needed)	
	Validation date	Expiry date vithout expiry date
	01.01.2010 Time 06:00:00	21.02.2000

EXPLANATION

Transponder groups "Locking system"

"Transponder group"

"Manual assignment of G1 TIDs (if needed)"

Period of validity

Activation date

"Immediately"

"Date" "Time"

Expiry date

"No expiry date"

"Date"

"Time"

- → Selection of locking system, up to three G1 data records (locking systems) can be programmed on a G1 transponder. These locking systems must all be located in the open locking plan. If there is a time limit, this number is reduced to one data record.
- \rightarrow Selection of transponder group
- → The system manages the TID (as standard), otherwise this can also be done manually
- → A start date is entered here if there is a time limit
- → The transponder is valid immediately after programming
- \rightarrow Enter the date if there is a time limit
- \rightarrow Enter the time if there is a time limit
- → An end date is entered here if there is a time limit
- → The transponder is valid for an unlimited period of time
- \rightarrow Enter the date if there is a time limit
- \rightarrow Enter the time if there is a time limit

Continue

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STEP 4 G1

This step only appears if "Manual assignment of G1 TIDs (if needed)" was highlighted in step 3.

Select a Ti	ID which is to be assigned to the transponder from the list.
Locking system:	Sample JSC G1
Transponder group:	development
「 Only propose TIDs with	out authorisations in current state
Free TIDs in the transponde	er group:
9	
10	
14	
16	

EXPLANATION

Locking system Transponder group "Only propose TIDs without authorisation in current condition" Free TIDs in the transponder group

_

Selected G1 locking system Selected transponder group

→ Only TIDs which have not yet been programmed into locks with authorisations are shown Displays the free TIDs from the reserve in the transponder group

Continue

STEP 5 G1

Name	Area	Locking system	Group	
Main entrance.	. Main entrance	Sample JSC G1	yes	

EXPLANATION

Issuing authorisations "Name"

"Area" "Locking system" "Group"

- → Displays the door, changing the option allows you to adjust the authorisations of the new transponder
- → Area in which the displayed door is located Assigned locking system Displays whether the transponder already has an authorisation from its group assignment

• Continue

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STEP CLOSING G1

In has been successfully created. You can program the transponder immediately or create another person.
Programming
Transponder issuance
Lasethe configuration selected as the default for the next person.

EXPLANATION

Closing the wizard Program

Transponder issue

"Use the configuration selected as the default for the next person"

Continue

- → The newly created transponder can be directly programmed from the wizard The form for issuing transponders can be printed out directly (only if LSM Report module is available)
- → Once the wizard is restarted, the selection made previously is used again

STEP 3 G2

	And another		
ranspon	der groups		
62/62+	Locking system	Transponder group	
F 61	Sample JSC G2	Development hardware	
🔽 G1	no	• no	
🔽 G1	no	▼ no	
🔽 G1	no	• no.	*
G1	Locking system	Transponder group	
	Sample JSC G1	Development	
	no	▼ no	*
	no	💌 no	

EXPLANATION

Transponder groups G2/G2+G1		
"Locking system"	<i>→</i>	Selection of locking system, up to four G2 data records (locking systems) can be programmed on a G2 transponder. These locking systems must however all be located in the open locking plan.
"Transponder group"	\rightarrow	Selection of transponder group
"G1"	<i>→</i>	In a mixed locking system (G2+G1), TIDs from the lower 8000 block can also be used in compatibility with G1 locks by ticking the option
"Manual assignment of G1 TIDs (if needed)" G1	÷	The system manages the TID used for G1 otherwise issuing can take place manually
"Locking system"	÷	Selection of locking system, up to three G1 data records (locking systems) can be programmed on a G1 transponder. These locking systems must however all be located in the open locking plan.
"Transponder group"	\rightarrow	Selection of transponder group

Continue

STEP 4 G2

onfiguration		wells ICC CO	
LOCKING System	58	ampie jou az	
	T Long opening		
	No acoustic opening	signal	
	Dupamic time window		
	Do not change time w	indow on gateway	
	C until a particular time of	of (next) day	
	C Number of hours since last complete hour of booking		
1	Validation date	Expiry date	
	F from now	without expiry date	
	01.01.10 👻		
	Time 06		
	100 <u>-</u>		
J.			_

EXPLANATION

Configuration Locking system

"Long opening" "No acoustic opening signal"

Dynamic time window

"Do not change time window on gateway"



Activation date

"Immediately"

- → Selected locking system. If several G2 locking systems were selected in step 3, this step is undertaken for as many times as there are locking systems selected.
- → The lock is triggered for longer
- → The lock doesn't emit an acoustic signal when triggered
- → The validity of the transponder on the gateway can be changed in G2 systems and virtual networks
- → The validity of the transponder is determined by a date

- → A start date is entered here if there is a time limit
- → The transponder is valid immediately after programming

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"Date" "Time" Expiry date

"No expiry date"

"Date"

"Time" "Until a particular time of (next) day"





"Number of hours since last complete hour of booking"

 Do not change time v until a particular time of Number of hours since 	vindow on gateway of (next) day e last complete hour of booking
Number of hours	10 Hours
Validation date	Expiry date

Continue

- → Enter the date if there is a time limit
- → Enter the time if there is a time limit
- → An end date is entered here if there is a time limit
- → The transponder is valid for an unlimited period of time
- → Enter the date if there is a time limit
- \rightarrow Enter the time if there is a time limit
- → The validity of the transponder is extended to a certain time in the future on the gateway. If the set time has already passed on the booking day, the transponder is valid until the same time on the next day
- → The validity of the transponder is extended by a certain number of hours (max. 24 hours) on the gateway

STEP 5 G2

This step only appears if "Manual assignment of G1 TIDs (if needed)" was ticked in step 3.

Select a TI	ID which is to be assigned to the transponder from the list	
Locking system:	Sample JSC G1	
Transponder group:	development	
C Only propose TIDs without	out authorisations in current state	
Free TIDs in the transponde	er group:	
9		-
10		
12		
14		
16		
1		
1		

EXPLANATION

Locking system Transponder group "Only propose TIDs without authorisation in current condition" Free TIDs in the transponder group Selected G1 locking system Selected transponder group

→ Only TIDs which have not yet been programmed into locks with authorisations are shown Displays the free TIDs from the reserve in the transponder group

STEP 6 G2

Name	Órea	Locking sustem	Group	
Main entrance	Ground floor	Sample JSC 62	ves	
Main entrance	Ground floor	Sample JSC G2	no	
Main entrance	Ground floor	Sample JSC G2	no	
Main entrance	Main entrance	Sample JSC G1	no	
NL1.Archives	Development ha	Sample JSC G2	no	
NL1.Archives	Marketing	Sample JSC G2	no	
NL1.Conferen	Development ha	Sample JSC G2	no	
NL1.Conferen	Development ha	Sample JSC G2	nó	
NL1.Conferen	Development ha	Sample JSC G2	no	
NL1.Conferen	Marketing	Sample JSC G2	no	
NL1.Conferen	Marketing	Sample JSC G2	no	
NL1.Conferen	Finance	Sample JSC G2	no	
NL1.Conferen	Marketing	Sample JSC G2	no	
NL1.Kitchen	Development ha	Sample JSC G2	no.	
NL1.Kitchen 3	Finance	Sample JSC G2	no	
NI 1 Office 101	Development ha	Sample JSC 62	no	2

EXPLANATION

Issuing authorisations "Name"

"Area" "Locking system" "Group"

- → Displays the door, changing the option allows you to adjust the authorisations of the new transponder
- → Area in which the displayed door is located Assigned locking system Displays whether the transponder already has an authorisation from its group assignment

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STEP CLOSING G2

	a time a real man where a real set of
The person "Sing, Will" has	been successfully created. You can program the transponder immediately or create another person.
	Programming
	Transponder issuance
	$\Gamma^{\rm c}$ (because contiguiation value) test the network process $\Gamma^{\rm c}$

EXPLANATION

Closing the wizard Program

Transponder issue

"Use the configuration selected as the default for the next person"

Continue

- → The newly created transponder can be directly programmed from the wizard The form for issuing transponders can be printed out directly (only if LSM Report module is available)
- → Once the wizard is restarted, the selection made previously is used again

11.0 ALERTS

1.23. GENERAL INFORMATION ABOUT ALERTS

EXPLANATION

The alert function is a useful aid to everyday working with LSM. You can tell the system to alert you to particular situations (e.g. when a transponder is due to be returned) or events (lock battery alert). Alerts are shown in the alert monitor when you start up LSM.

PROCEDURE

- C Edit
- Alerts

inage warnings				
arnings:				
Name	Туре	Display in advance	Description	New
Battery warning, lock	Battery warning, lock	1 T. 0 St. 0 Min.	A lock is reporting a battery warning	Edit
				Delete
				Exit

EXPLANATION

Table New Edit

Delete

- \rightarrow Overview of alerts in place
- \rightarrow Create a new alert
- → Once the alert has been selected, the settings can be edited
- → Once the alert has been selected, it can be deleted

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1.24. CREATE ALERTS

PROCEDURE

- C Edit
- Calerts
- New

New warning				
Name:		Leaving	date	
Туре:		Leaving	date imminent	•
Attributes:		An empl	oyee's leaving date is in	nminent
Display in advance		24	Hours	
Description:		Report it	fa leaving date is immin	ent
return People	Ashby, Sally Brown Cha	, rles		2
return People	Ashby, Sally Brown, Cha	, rles		<u> </u>
Manage	Danes, Sier Gilmore, Joh	e Ina In		
	King, Wolfg Long, Richa Meyer, Pete	ang ard ar		
	Miller, Micha Orwell, Simo	ael on		<u>×</u>
C OY 1				

EXPLANATION

- "Name"
- "Type"
- "Properties"
- "Advance"
- "Description"
- "Block transponder on due return date"

"Activated"

Manage

Table

- \rightarrow Name of alert
- \rightarrow Type of alert, e.g. lock battery alert
- → Results from the type of alert
- → Time window between issuing of alert and occurrence of actual event
- \rightarrow Free field for describing the alert
- → On the due return day, authorisations are withdrawn from the transponders in the locking plan -> programming requirement
- \rightarrow If selected, the alert is applied
- \rightarrow Select objects to be monitored
- → Displays the selected components

POSSIBLE ALERTS

- Leaving date reached
- Lock battery alert
- Transponder battery alert
- Export to handheld PDA
- Scheduled battery change
- Transponder due to be returned
- Transponder expiry date

1.25. EDIT ALERTS

PROCEDURE

- Cedit
- C Alerts
- Select alert
- Edit

1.26. DELETE ALERTS

PROCEDURE

- C Edit
- C Alerts
- Select alert
- Delete

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1.27. ALERT MONITOR

EXPLANATION

The alert monitor displays alerts that have been set up and activated. The alert monitor starts up automatically after you log on and shows all the accumulated alerts. By selecting the status display you can also view previously accepted or expired alerts.

PROCEDURE

- Edit
- **C** Alert monitor

rient warnings				
arnings:				
lame	Туре	Date	Subject	Accept
elect status		Don't remind again during this ses	sion	
Activated				
				Evit

Table Accept	\rightarrow \rightarrow	Overview of accumulated alerts You can accept and therefore hide individual alerts
"Activated"	\rightarrow	Only current alerts are displayed
"Expired"	\rightarrow	Expired alerts are those for which the set time has already elapsed
"Accepted"	\rightarrow	Previously accepted alerts are displayed
"Processed"	÷	Processed alerts are those which have been dealt with by performing the appropriate task (e.g. "Block transponder" has been implemented)
"Don't remember during current session"	\rightarrow	If selected, the alert monitor will not start up. Otherwise the alert monitor will continue to

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start up at regular intervals

NOTE

In addition to the alert monitor, a message appears in the bottom right-hand corner of the screen.

• Warning: 1 Admin

12.0 REPORTS

1.28. GENERAL INFORMATION ABOUT REPORTS

EXPLANATION

You have the option of generating reports in order to present locking system data analytically or to evaluate it. This information can be printed out or presented in a variety of different formats.

1.29. BASIC SETTINGS FOR REPORTS

- Options
- D Reports

Contractor	101 11 m 1 1 1	1.0	
Company	SimonsVoss Technologies	AG	
Street	Feringastr. 4		
Postal code	85774	City	Unterföhring
Locking system	management	-	
Tel	+49 (89) 99228 - 0	Fax	+49 (89) 99228 - 222
E-Mail	marketing@simons-voss.de	i .	
Footer	C:\Programme\Simons	Voss\LockSys	Mgr_Basic_3_0\Reports\SV_log
Footer User defined rep	C:\Programme\Simons	Voss\LockSys	Mgr_Basic_3_0\Reports\SV_log
Footer User defined rep	C:\Programme\Simons arts Select directory	Voss\LockSys	Mgr_Basic_3_0\Reports\SV_log
Footer User defined rep – Transponder issu	C:\Programme\Simons orts Select directory	Voss\LockSys	Mgr_Basic_3_0\Reports\SV_log
Fooler User defined rep – Transponder issu Extra text	C:\Programme\Simons Select directory	Voss\LockSys — ne\SimonsVos	Mgr_Basic_3_0\Reports\SV_log Reset to default
Fooler User defined repr – Transponder issu Extra text User-defined rep	C:\Programme\Simons onts Select directory ance C:\Programm ont no	Voss\LockSys	Mgr_Basic_3_0\Reports\SV_log Reset to default s\LockSys.txt

In this view, all the basic settings can be activated. These then apply for the registered user for all reports. Users can therefore make their own settings (name, phone number, ...). It is possible to create and add additional user-defined reports. This is an additional service from SimonsVoss for which a charge applies.

1.30. SELECT REPORT

PROCEDURE

- C Reports
- Select report
- Select report
- Display

8.1.1 LOCKING SYSTEM

Locking system	
Sample JSC G1	
• Locks	
C Transponders	
C Areas	
C Transponder groups	
C Statistics	
Programming demand for locks	
C Programming demand for transponders	
Full programming demand for transponde	ers (all records)
C Time groups	
User-defined	
User defined reports	
	Ĩ
Court 1	

Locking system "Locks"	\rightarrow	Selection of locking system Displays locks Grouped by: Area Sorted by: Serial number
"Transponder"	\rightarrow	Displays transponders Grouped by: Transponder group
		Sorted by: Transponder owner
"Areas"	\rightarrow	Displays areas
		Sorted by: Area
"Transponder groups"	\rightarrow	Displays transponder groups
		Sorted by: Transponder group
"Statistics"	\rightarrow	Displays components
		Grouped by: Type
"Programming requirement for	\rightarrow	Displays locks with programming requirement
locks"		Grouped by: Building structure
		Sorted by: Door
"Programming requirement for transponders"	\rightarrow	Displays transponders with programming requirement
		Grouped by: Transponder group
		Sorted by: Transponder owner
"Programming requirement for complete transponders"	\rightarrow	Displays transponders with programming requirement
		Grouped by: Transponder group
		Sorted by: Transponder owner
"Time groups"	\rightarrow	Displays time groups
		Grouped by: Group number
		Sorted by: Transponder group

 \rightarrow

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"User-defined"



8.3.2 AREA

EXPLANATION

Area

group"

"Doors"

"User-defined"

Locking system

"Authorised transponder groups"

"Transponders of authorised

"Exceptions to authorisation"

"All assigned transponders"

- → Selection of locking system
 - → Selection of area
 - \rightarrow Displays the deviating group rights
 - Sorted by: Transponder group
 - → Displays the transponders of the authorised groups

Selection of customer-specific reports

- Grouped by: Transponder group Sorted by: Transponder owner
- → Displays the deviating authorisations Grouped by: Door
- → Displays assigned transponders Grouped by: Door
- Sorted by: Transponder owner \rightarrow Displays doors in the selected area
- Grouped by: Building structure Sorted by: Door
- → Selection of customer-specific reports

8.1.2 TRANSPONDER GROUP

Lock Network Miscellaneous Time zone plans Transponder group	Area Time grou Transponder User
Locking system	
Sample JSC G1	
Transponder group	
[System group]	<u>.</u>
User-defined	
User defined reports	-1
Save	

EXPLANATION

Locking system
Transponder group
"Authorisations on doors"

"Transponder"

"User-defined"

→ Selection of locking system
 → Selection of transponder group

- \rightarrow Displays the authorisations on doors
 - Grouped by: Transponder owner Sorted by: Door
- → Displays transponders Sorted by: Transponder owner
- → Selection of customer-specific reports

8.1.3 DOOR

Time zone plans Locking system	Transponder group Building structure	Transponder HR structure	User Door
Door			
Archives devel	opment		•

EXPLANATION

Door "Detailed overview of authorisations"

- \rightarrow Selection of door
- \rightarrow Displays authorised transponders
 - Sorted by: Transponder owner
- → Selection of customer-specific reports

8.1.4 LOCK

eports		
Time z Lockir Lock	one plans Transponder group Transponder g system Building structure HR structure Network Miscellaneous Area	User Door Time group
6	Iffice 102 / L-00024	•
	Audit Trail Last battery change Authorised transponders User-defined	
	User defined reports	Ŧ
-	Display Cancel	

EXPLANATION

Lock	
"Access list"	

"Last battery change"

"Permitted transponders"

- \rightarrow Selection of lock
- → Displays the logged access instances Sorted by: Date
- → Displays the last battery change Sorted by: Date
- → Displays permitted transponders Sorted by: Transponder owner
- → Selection of customer-specific reports

8.1.5 TRANSPONDER



EXPLANATION

Transponder

"Authorisations on doors"

"Transponder issue"



"Physical access list" for G2 transponders "Last battery change"

"Transponders with expired validity"

"Comparison of authorisations"

- \rightarrow Selection of transponder
- → Displays the authorisations Grouped by: Locking system Sorted by: Door
- → Displays the transponder issue log Other options can also be selected here:
 - Scheduled return date
 - Print out with overview of authorisations
 - Enter actions for the transponder
 - Save issue document, can be found
 - in the transponder properties
- → Displays physical access instances on locks Sorted by: Date
- → Displays battery change Sorted by: Date
- → Displays expired transponders Grouped by: Locking system, Transponder group
 - Sorted by: Transponder owner
- \rightarrow Compares the authorisations of two
 - transponders in a transponder group
- \rightarrow Selection of customer-specific reports

8.1.6 TIME GROUP

Reports	X
Time zone plans Transponder group. Transponder Locking system Building structure HR structure Lock Network Miscellaneous Area	User Door Time group
Sample JSC 62	-
Time group number	
1 (001 Employee)	<u>•</u>
 ← Transponders ← User-defined 	
User defined reports	Ŧ
Display	

EXPLANATION

Locking system
Time group number
" — I "

Transponder'

- \rightarrow Selection of locking system \rightarrow
- Selection of time group number
- Displays the transponders in a time group \rightarrow Grouped by: Transponder group Sorted by: Transponder owner
- Selection of customer-specific reports \rightarrow

8.1.7 TIME ZONE PLAN



EXPLANATION

Time zone plans

"The doors for the time zone plan"

"The time windows for the time zone plan"

- \rightarrow Selection of time zone plan
- → Displays the doors of the time zone plan Grouped by: Area Sorted by: Door
- → Displays the time windows of the time zone plan
 Grouped by: Time zone group
 - Sorted by: Weekday
- \rightarrow Selection of customer-specific reports

8.1.8 NETWORK

eports	
Lock Time Lock	ing system Building structure HR structure Door zone plans Transponder group Transponder User Network Miscellaneous Area Time group
	Battery warning of Wavenet nodes Wavenet network topology Network topology LON Status of LockNodes User defined
	User defined reports
-	Display Cancel

"Battery alert for WaveNet node"	÷	Displays battery alerts for the node Grouped by: Building structure Sorted by: Room number
"WaveNet network topology"	\rightarrow	Displays network topology
		Grouped by: CentralNode,
		Segment
		Sorted by: Address
"Network topology LON"	\rightarrow	Displays network topology
		Grouped by: CentralNode,
		Segment
		Sorted by: Address
"Status of LockNodes"	\rightarrow	Displays LockNode status in the WaveNet
		Grouped by: Building structure
		Sorted by: Door
"User-defined"	\rightarrow	Selection of customer-specific reports

8.1.9 HR STRUCTURE



Department "Transponders of department"
"Transponders with battery alert"
"Persons without transponders"
"Transponders of persons whose leaving date is in the past" "User-defined"

- \rightarrow Selection of department
- → Displays transponders of department Sorted by: Surname
- → Displays transponders with battery alert Sorted by: Transponder owner
- → Displays persons without transponders Sorted by: Surname
- → Displays persons whose leaving date is in the past
- → Sorted by: Transponder owner
 → Selection of customer-specific reports

8.1.10 BUILDING STRUCTURE

Location	
LON	_
Building	
MB	<u> </u>
C Locks with battery warning	
C Fittings of locking cylinder	
C Doors without locks	
 Need for programming on locks 	
User defined	
User defined reports	
1	Ť
The second se	

Location	\rightarrow	Selection of location
Building	\rightarrow	Selection of building
"Locks"	\rightarrow	Displays locks
		Grouped by: Floor
		Sorted by: Room number
"Locks with battery alert"	\rightarrow	Displays locks with battery alert
		Grouped by: Floor
		Sorted by: Room number
"Fittings of locking cylinder"	\rightarrow	Displays fittings of locking cylinder
		Grouped by: Floor
		Sorted by: Room number
"Doors without locks"	\rightarrow	Displays doors without locks
		Grouped by: Floor
		Sorted by: Door
"Need for programming on	\rightarrow	Displays need for programming on locks
locks"		Grouped by: Floor
		Sorted by: Room number
"User-defined"	\rightarrow	Selection of customer-specific reports

8.1.11 USER

Reports	X
Lock Network Miscellaneous Area Tim Locking system Building structure HR structure HR Time zone plans Transponder group Transponder User group	ne group Door User
All	-
User	
Â0	2
 Rights of user groups Rights of users Summary of user rights User defined 	
User defined reports	I
Display	

User group	\rightarrow	Selection of user group
User	\rightarrow	Selection of user
"Rights of user group"	\rightarrow	Displays rights of user groups
		Grouped by: User group,
		Role,
		User,
		Areas,
		Transponder groups
"Rights of users"	\rightarrow	Displays rights of an individual user
		Grouped by: User
		Sorted by: Role
"Summary of user rights"	\rightarrow	Displays rights of all users
		Grouped by: User
		Sorted by: Role
"User-defined"	\rightarrow	Selection of customer-specific reports

8.1.12 VARIOUS



EXPLANATION

"Database statistics"

- → Displays data in database Grouped by: Type Sorted by: Number
- \rightarrow Selection of customer-specific reports

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1.31. PRINT REPORT

EXPLANATION

After displaying a report you have the option of printing it.

PROCEDURE

- Reports
- Select report
- Select report
- Display
- Click on icon

1.32. EXPORT REPORT

ICON

EXPLANATION

A report displayed on screen can be converted into a special data format and saved in this format.

PROCEDURE

- S Reports
- Select area
- Select report
- Display
- Click on icon

POSSIBLE EXPORT FORMATS

- •
- Adobe Acrobat PDF
- Report definition TXT
- Crystal Reports RPT
- Data record REC
- Comma-separated CSV
- Tab-separated TTX
- HTML 3.2
- HTML 4.0

- Excel 97-2000
 - XLS
- Excel 97-2000 data XLS
- Word RTF
- Editable Word RTF
- ODBC
- Rich Text Format RTF
 - Text TXT
- XML

LSM USER MANUAL

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1.33. REPORTS FOR ASSEMBLY PREPARATION

EXPLANATION

For easier labelling of the programmed components, the program offers the option of printing out labels to stick on the packaging.

LABELS FOR LOCKS

- C Reports
- **Print labels for locks**
- Selection of locks

All locks				
Locks				
Door	Serial number	Area	Locking system	1
Main entrance 02	000097	Ground floor	Sample JSC G2	
Main entrance foyer	L-00003			
Main entrance foyer 2	L-00022	Main entrance	Sample JSC G1	
NL1 Conference 220	000095	Marketing	Sample JSC G2	
NL1 Conference 220	L-00002	Marketing	Sample JSC G2	
NL1.Conference 320	L-00004	Finance	Sample JSC G2	
NL1 Conference 321	L-00005	Marketing	Sample JSC G2	
NL1 Kitchen 3rd floor	L-00006	Finance	Sample JSC G2	
NL1 Office 201	L-00007	Marketing	Sample JSC G2	
NL1 Office 202	L-00008	Marketing	Sample JSC G2	
NL1.Office 203	L-00009	Marketing	Sample JSC G2	
NL1.Office 204	L-00010	Marketing	Sample JSC G2	
NL1.Office 205	L-00011	Marketing	Sample JSC G2	
NL1.Office 206	L-00012	Marketing	Sample JSC G2	
NL1.Office 207	L-00013	Marketing	Sample JSC G2	
NL1.Office 208	L-00014	Marketing	Sample JSC G2	
NL1.Office 301	L-00015	Finance	Sample JSC G2	
NL1.Office 302	L-00016	Finance	Sample JSC G2	
NL1.Office 303	L-00017	Finance	Sample JSC G2	
NL1.Office 304	L-00018	Finance	Sample JSC G2	
NL1.Office 305	L-00019	Finance	Sample JSC G2	
NL1.Office 306	L-00020	Finance	Sample JSC G2	
NL1.Office 307	L-00021	Finance	Sample JSC G2	
Office 01	000098	Ground floor	Sample JSC G2	
Office 02	000099	Ground floor	Sample JSC G2	
Office 03	L-00032	Ground floor	Sample JSC G2	
Office 04	L-00033	Ground floor	Sample JSC G2	
Office 101	L-00023	1st floor	Sample JSC G2	
Office 102	L-00024	1st floor	Sample JSC G2	

EXPLANATION

"Label format"



- \rightarrow Selection of label template:
 - Hama-8060 (89.9x35.7mm)
 - Zweckform-3658 (64.6x33.8mm)
 - Zweckform-4780 (48.5x25.4mm)

Selection of start label

LSM USER MANUAL

LABELS FOR TRANSPONDERS

- C Reports
- Print labels for transponders
- Selection of transponders

Øwner	Serial number	Transponder group	Locking system	
Ashby, Sally Ashby, Sally	0000KA T-00003	Marketing Marketing	Sample JSC G2 Sample JSC G2	
Ashby, Sally Cook, Steve	1-00004 0000KB	Marketing	Sample JSC 62	
)anes, Sienna	1 0000KC	Media	Sample JSC G2	
Gilmore, John King, Wolfgang Long, Richard	0000K8 0000K9 T-00002 T-00005	Field staff Staff Marketing Bookkeeping	Sample JSC G2 Sample JSC G2 Sample JSC G2 Sample JSC G2	
Jever Peter	1-00005	Bookkeeping	Sample JSC G2	-
vliller, Michael Drwell, Simon Schore, Kathrin Sheffield, Kim	T-00007 T-00001 T-00008 T-00009	Bookkeeping Marketing Development hardware Development hardware	Sample JSC G2 Sample JSC G2 Sample JSC G2 Sample JSC G2	
Sing, Will Stone, Mary White, Susan	T-00014 T-00010 T-00011	Development hardware Cleaning	Sample JSC G1 Sample JSC G2 Sample JSC G2	
Williams, Sara	T-00012	Cleaning	Sample JSC G2	- 1
York, Kelly	T-00013	Cleaning	Sample JSC G2	

EXPLANATION

"Label format"

Label	
Herma-8060 (88,9x35,7r	mm) 💽
Begin with label no.:	1
Print view	Cancel

- \rightarrow Selection of label template:
 - Hama-8060 (89.9x35.7mm)
 - Zweckform-3658 (64.6x33.8mm)
 - Zweckform-4780 (48.5x25.4mm)

Selection of start label
13.0 PROGRAMMING PROCESSES

1.34. GENERAL

EXPLANATION

A programming requirement applies when a right is modified and a component has not yet been programmed, or if the software detects a difference between the actual and target status (change in configuration).

• Before programming it is important to ensure that the view is up to date and the data has been backed up.



PROCEDURE

(To display the programming requirement in the matrix)

- Options
- C Extra columns
- Select object
- Programming requirement

1.35. POSITION COMPONENTS

EXPLANATION

To achieve optimum results and avoid programming errors, a defined distance should be maintained between the programming device and the components you want to program.



NOTE

If the distance is too little or too great, errors may occur.

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1.36. PROGRAM

A programming device (config device) is needed to write data to the components. Please refer to the "LSM Administration Manual" for installation and configuration information.

9.3.1 PROGRAM LOCK

EXPLANATION

When a lock is programmed, locking system data is programmed into it. In the case of G1 locks, data can be programmed via the authorisations of the transponder IDs or the time zone plan that was assigned to the lock. You also program configuration settings, IDs and passwords.

ICON

PROCEDURE

- Position lock (see <u>9.2 Position components</u>)
- Select lock in the matrix
- **Programming**
- Clock
- Program

or

- Position lock (see <u>9.2 Position components</u>)
- Select lock in the matrix
- Click on icon
- Program

or

• Ctrl+Shift+L

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Programming	Lock			×
Locking system	m:	Sample JSC G2	•	
Door/lock:		Office 302 / L-00048	•	
- Programming	device:			
Type:		Config Device	•	
Device:		MIRAGE : COM 24	•	
- Programming	지 지 지 지 에 대 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이	nfiguration ssward ck 10 &-Locking system (1) te sones localist	Passward green Passward blue Passward ted Passward ted Extended bostiguration	
Program auth	orisation	C Don't change G Update C Benew		
Programming			Exit	1

EXPLANATION

"Locking system" "Door/Lock"	\rightarrow \rightarrow	Selected locking system Selected lock with associated door and
		serial number
	、	— • • • • • • •
"Type"	\rightarrow	Type of programming device: (config
<i></i>		device, LockNode, WaveNet node)
"Device"	\rightarrow	Assigned device
"Modify programming options	\rightarrow	Adjustment in lower area only possible if
manually"		option is selected, the necessary updates
		are already highlighted
Program		
"Configuration"	\rightarrow	Lock configuration is programmed
"Password"	\rightarrow	Locking system password is programmed
"Lock ID & locking system ID"	\rightarrow	Lock ID and locking system ID are
3 9		programmed
"Time zones"	\rightarrow	Time zone is reprogrammed
"Password"	\rightarrow	The password for the superordinate locking
"(Gr BL R)"	-	levels are all reprogrammed
"Extended configuration"	\rightarrow	Extended configuration e.g. time
Extended comgaration	,	conversion is reprogrammed
Program authorisations		
"Do not obongo"	<u>ح</u>	Authorizations are not shanged
"Un de te "	~	
	7	Only changes are programmed
"Refresh"	\rightarrow	All authorisations are reprogrammed

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9.3.2 PROGRAM TRANSPONDER

EXPLANATION

When you program a transponder you tell the transponder what its transponder ID is, which locking system it belongs to, what the password for the locking system is and which time group it belongs to. It is also possible to program in a time-based validity.



PROCEDURE

- Position transponder (see <u>9.2 Position components</u>)
- Select transponder in matrix
- **Programming**
- Cransponder
- Program

or

- Position transponder (see Position components)
- Select transponder in matrix
- Click on icon
- Program

or

• Ctrl+Shift+T

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Transponder Programm	ning	
Owner/transponder:	Danes, Sienna / 0000KC	•
Programming device:	MIRAGE : COM24	<u>·</u>
Jump to next transponde	r after programming	
Keep G1 records from ex	sternal locking systems	
Programming		Exit

EXPLANATION

"Owner / Transponder"	÷	The owner and the serial number of the transponder are displayed and can be selected
"Programming device"	\rightarrow	You can select the programming device for programming
"Jump to next transponder after programming"	÷	When this option is selected, you jump to the next unprogrammed transponder (in alphabetical order) and the window stays open
"Retain data records from other locking systems"	<i>→</i>	When this option is selected, data records from other locking systems are not overwritten. An additional data record is written when you program the transponder, assuming that there is another free data record available.
Program	\rightarrow	The data is programmed to the transponder

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- 1.37. READ
- 9.4.1 READ LOCK

EXPLANATION

- A lock with a lock ID which is known to the locking system can be read directly.
- A lock with a lock ID that is not known to the locking system is described as an unknown lock.



PROCEDURE

- Position lock (see <u>9.2 Position components</u>)
- lcon 📴
- or
- **Programming**
- Read lock / set time

or

• CRead unknown lock

NOTE

Different views may appear depending on the read lock.

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G1 LOCKING CYLINDER

Locking system ID:	Unknown locking system SID=1	1234		
Lock ID;	Unknown lock LID=1234			
Software Version:	10.5	00 00	м	
Time zone:				
State:	Configuration:			
F Please change battery	🔽 Audit trail			
F Backup battery active	Time zone management			
C Deactivated	🔽 Overlay			
Emergency release active	Long release			
Time-controlled upening	COMBON			
F Engaged	T Storage Mode			
	No audible feedback			
	Log unauthorised attempts			
	Time switching			
	Flip Flop			
	Time-based switching	_		
	Manual direngeging	🙆 Antomatic di	engeging	
	Manual engaging	C Automatic er	igaging	
	Transponder active:			
	C always	🖉 only when d	vengaged	

EXPLANATION

- "Locking system"
- "Lock"

"Software version"

- "Time zone"
- • •
- Μ
- Status
- "Battery status critical"
- "Emergency battery active"
- "Deactivated"
- "Emergency activation active"
- "Time-controlled opening
- running"
- "Engaged"
- Configuration
- "Access control"
- "Time zone control"

- → Name of locking system
 → Name and serial number of lock
- → Software version of lock
- \rightarrow Assigned time zone
- \rightarrow Displays the lock properties
- \rightarrow Jumps to lock in matrix view
- → Status of batteries
- → Emergency battery activated
- \rightarrow Lock deactivated
- \rightarrow Active emergency activation
- → The lock is in storage mode, i.e. programming has not yet taken place
- \rightarrow Lock triggered
- \rightarrow Option of logging access instances
- → Option of controlling the access times for transponders
- → Store reserve IDs in the locks to respond to losing transponders

"Overlay"

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"Long triggering" "OMRON" "No acoustic programming acknowledgement"	\rightarrow \rightarrow \rightarrow	Longer engagement / switching of lock Use of OMRON mode active During programming, the lock does not confirm the process by blips
"Log unauthorised access instances"	÷	Logging of unauthorised access instances, only in conjunction with "access control"
"Time changeover"	÷	The lock automatically changes the status at set times according to the settings under Time-controlled changeover
"Flip flop"	\rightarrow	The lock changes the status when an authorised transponder is activated
Transponder list	\rightarrow	Displays authorised transponders
Access list	\rightarrow	Read access list

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G1 SMART RELAIS

Locking system ID:	Unknow	wn locking system SID=1234		
Lock ID:	Unknow	wn lock LID=1234		
Software Version:	4.0		00 00	M
Time zone:				The second secon
State:		Extended properties		
F Please change battery		Pulse length	<u>l</u>	Sec.
Flip-Flop on		- Time-controlled relay switching	(1	2.42
Emergency release act	ive	r Manual locking	GA	utomatic locking
C Deactivated		🕫 Manual unlocking	CA	utomalic unlocking
T Time-convolled openin	g	Transponder active:		
		🖍 always	(G. 6)	nly if looked
F Audit trail F Time zone managemen	t	F Restricted range (only for in F Log unauthorsed attempts	temal antenna	
Flip Flop		Advanced functions		
I Time switching		Number of expansion modules	Ū	
		Interface		
T Repeater		🖵 Extra signal-CLS	Wieg	rand 33-bit
T Advanced		□ No audible reedback		
		C External LED	CE	stemal beepen
		Internal/external antenna:		
		C Autodetection	C b	oth active

EXPLANATION

- "Locking system" "Lock" "Software version" "Time zone" ... M Status "Battery status critical"
- "Flip-flop on"
- "Emergency activation active"
- "Deactivated"
- "Time-controlled opening
- running"
- "Engaged"
- Configuration "Access control"
- "Time zone control"

- → Name of locking system
- → Name and serial number of lock
- \rightarrow Software version of lock
- \rightarrow Assigned time zone
- \rightarrow Displays the lock properties
- \rightarrow Jumps to lock in matrix view
- → Status of batteries
- → Lock triggered
- \rightarrow Active emergency activation
- → Lock deactivated
- → The lock is in storage mode, i.e. programming has not yet taken place
 → Lock triggered
 - LOOK inggered
- \rightarrow Option of logging access instances
- \rightarrow Option of controlling the access times for

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		transponders
"Flip flop"	\rightarrow	The lock changes the status when an
		authorised transponder is activated
"Time changeover"	\rightarrow	The lock automatically changes the
-		status at set times according to the
		settings under Time-controlled
		changeover
"Overlay"	\rightarrow	Store reserve IDs in the locks to respond
		to losing transponders
"OMRON"	\rightarrow	Displays whether use of OMRON mode
		is active
"Repeater"	\rightarrow	The lock increases the range and
		forwards transponder bookings
"Advanced"	\rightarrow	Advanced version with extended
		functions
Extended properties		
"Pulse length"	\rightarrow	Duration of triggering procedure in
		seconds
"Limited range (only for internal	\rightarrow	The range of the internal antenna is
antennas)"		reduced
"Log unauthorised access	\rightarrow	Logging of unauthorised access
instances"		instances, only in conjunction with
		"access control"
Advanced functions		
"Number of extension modules"	\rightarrow	Use of extension modules (SOM)
"Interface"	\rightarrow	Lock forwards data to another system
"No acoustic programming	\rightarrow	During programming, the lock does not
acknowledgement"		confirm the process by blips
"External LED"	\rightarrow	Visual outside signal
"External blipper"		Acoustic outside signal
"Internal / external antennas"		Displays the antennas used
	→ 、	Displays authorised transponders
	→ 、	Read access list
Advanced	マ	Read extended configuration

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G2 LOCK

ylinder G2		
Locking system: Lock: Software Version: Time zone;	Sample JSC G2 Main entrance 01 / 000094 2.0.05	 M
State: Battery status OK Emergency release Deactivated Engaged Storage mode	Data Device class PHI Time	Cylinder G2 000094 10/02/22 00;56
Last access attempt: Si	iccessful	
Authorisations Audi	Trail Reset	Exit

EXPLANATION

- "Locking system"
- "Lock"
- "Software version"
- "Time zone"

... M

- Status
- "Battery status"
- "Emergency activation" "Deactivated"
- "Engaged"
- "Storage mode"

Data "Device class" "PHI"

"Time"

- "Last attempt at access" Authorisations Access list

- \rightarrow Name of locking system
- \rightarrow Name and serial number of lock
- \rightarrow Software version of lock
- \rightarrow Assigned time zone
- \rightarrow Displays the lock properties
- \rightarrow Jumps to lock in matrix view
- \rightarrow Status of batteries
- \rightarrow Active emergency activation
- \rightarrow Lock deactivated
- \rightarrow Lock triggered
- \rightarrow The lock is in storage mode, i.e. programming has not yet taken place
- \rightarrow Class of read lock
- \rightarrow Public Hardware Identifier (PHI) for unique identification of G2 components
- \rightarrow Current time of lock
- Result of last access instance \rightarrow
- \rightarrow Displays the authorisations
- \rightarrow Read authorisations

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Reset

→ Reset lock

NOTE

Whenever you read a known lock, it is simultaneously highlighted in the locking plan.

NOTE

The access list function is only available for components with integrated access logging. It is also possible to analyse unauthorised access attempts. This must be defined prior to programming in the lock's properties. (Lock configuration / data)

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9.4.2 READ TRANSPONDER

EXPLANATION

When you read the transponder, the data stored on the transponder is read and if possible assigned to an owner.



PROCEDURE

- Position transponder (see <u>9.2 Position components</u>)
- **Programming**
- **C** Read / reset transponder
- Press transponder button when prompted

G1 TRANSPONDERS

Transponder Data		
Transponder data:		
#1: Sample JSC G1, Transponder-ID: 36 / no time r	estriction	 M
Error in datasets below		
Error in datasets below.		_
Please change battery		F-4
Software version: 2.0	Heset Head	Exit

EXPLANATION

All details of the transponder are shown, programmed data records, locking system ID, transponder ID and time group
Indicates any defective data records
Status of transponder battery. If the battery is low, a tick appears in the box
Transponder's firmware status Indicates the properties of the read transponder
• •

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Μ

 \rightarrow Indicates the read transponder in the matrix

NOTE

Whenever you read the transponder it is simultaneously highlighted in the locking plan. Transponders with a validity period have additional information:

- Activation date \rightarrow if defined, date as of which transponder is valid
- Expiry date →
- if defined, date until which transponder is valid

ATTENTION

•

Transponders with a validity period can only be authorised in one single locking system.

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G2 TRANSPONDERS

по	lder:		King, Wolfg	ang					
Sei	rial number:		0000K9				J	M	
Sol	ftware Version:		0.0.00						
G2				_		-			
SId	SIdExt	Locking sv:	stem	1	TId	Validat	ion date	Expiry date	1
11328	14513345	Sample JS(C G 2		3203	presen	t	present	-
31									
SId	Locking sus	em			-1	TId			
SId 3345	Locking syst 14513345	tem Sample JSt	CG1			TId 13			
SId 23345	Locking syst 14513345	tem Sample JS(CG1			TId 13			
SId S1345 State:	Locking syst	tem Sample JSI	C G 1	Data		TId 13			
SId 3345 State: Please	Locking syst 14513345	tem Sample JSI	C G 1	Data Device class		TId 13	00		
SId 3345 State: Please	Locking syst 14513345	tem Sample JSI	CG1	Data Device class PHI		TId 13	00		
SId 3345 State: Please	Locking syst 14513345	tem Sample JSI	CG1	Data Device class PHI Time		TId 13	00 0000K9 10/02/22	11:03	
SId 3345 State: F Please	Locking syst 14513345	tem Sample JSI	CG1	Data Device class PHI Time		TId 13	00 0000K9 10/02/22	11:03	
SId 3345 State: Please	Locking syst 14513345	tem Sample JSI	CG1	Data Device class PHI Time		TId 13	00 0000K9 10/02/22	11:03	
SId 3345 State: Please	Locking syst 14513345	tem Sample JSI	C G1	Data Device class PHI Time		TId 13	00 0000K9 10/02/22	11:03	
SId 3345 State: Please.	Locking syst 14513345	tem Sample JSI	CG1	Data Device class PHI Time		TId 13	00 0000K9 10/02/22	11:03	

EXP

\rightarrow \rightarrow	Name of transponder of serial number of transp
\rightarrow	Serial number of trans
-	
\rightarrow	Transponder's firmwar
\rightarrow	Indicates the properties
\rightarrow	Indicates the read tran
	maunx
\rightarrow	 Locking system ID
	 Extended locking s
	 Locking system
	 TID
	 Activation date
	Expiry date
\rightarrow	 Locking system ID
	→ → →

- nder owner
- transponder
- mware status
- perties of the read
- d transponder in the
 - em ID
 - king system ID
 - em
 - te

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		Locking systemTID
Status		
"Battery status critical"	\rightarrow	This component requires the battery to be changed
"Battery status critical"		-
"Device class"	\rightarrow	Class of read lock
"PHI"	\rightarrow	Public Hardware Identifier (PHI) for unique identification of G2 components
"Time"	\rightarrow	Current time of transponder
Authorisations	\rightarrow	Displays the authorisations
Reset	\rightarrow	The highlighted transponder data record is reset
Physical access list	\rightarrow	Read physical access list
Read	\rightarrow	Read (another) transponder

NOTE

Whenever you read the transponder it is simultaneously highlighted in the locking plan.

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1.38. RESET

1.38.1 RESET LOCK

EXPLANATION

When a lock is reset the data on the lock is removed and the lock's actual status is deleted in the software.

PROCEDURE

- Position lock (see <u>9.2 Position components</u>)
- Select lock in matrix
- Programming
- Carlock

or

- Position lock (see <u>9.2 Position components</u>)
- Select lock in matrix
- Ctrl+Shift+N

1.38.2 RESET TRANSPONDER

EXPLANATION

When a transponder is reset the data on the transponder is removed and the transponder's actual status is deleted in the software.

PROCEDURE

- Position transponder (see <u>9.2 Position components</u>)
- Select transponder in matrix
- **Programming**
- **Constant Service** Reset transponder

or

- Position transponder (see <u>9.2 Position components</u>)
- Select transponder in matrix
- Ctrl+Shift+R

NOTE

If a component is deleted in the software before being reset, you will need the password for the locking system in order to reset the component later.

1.39. MOBILE PROGRAMMING

1.39.1 GENERAL

EXPLANATION

In LSM, you have the option of configuring the export of locking plan data to a mobile end device (a PocketPC by default) such that certain employees can perform particular tasks on particular locks. These employees must also log on to the software on the PocketPC, allowing only authorised employees access to data.

NOTE

The software access data should be kept safe according to the valid IT guidelines and not made accessible to unauthorised persons.

SCENARIO 1 (STANDARD)

EXPLANATION

The data is immediately transferred to the PocketPC and can be run immediately.

PROCEDURE

- File
- C Export to PDA
- CLSM Mobile
- Select PDA user
- Select locking systems
- Select locks
- Configure tasks
- Select transponders
- Export

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SCENARIO 2 (DATA NOT IMMEDIATELY TRANSFERRED TO POCKET PC)

EXPLANATION

If exporting is to be performed at a later time, the data and tasks to be transferred can be stored in the database. If the user now logs on to the system and wants to perform an export, a message will appear stating that the tasks are ready and the user can then decide whether to accept the request or not.

PROCEDURE

- **Second Second File**
- Description Export to PDA
- Prepare task
- Select LSM user
- Select locking systems
- Select locks
- Configure tasks
- File
- Export to PDA
- CLSM Mobile
- Confirm query

QUERY

You have received a task at Friday, March 05, 201 Would you like to load this task?	10.
Yes	
⊂ No-	

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SCENARIO 3 (LOCKING PLAN FROM ANOTHER USER TO POCKET PC)

EXPLANATION

The software is capable of recognising when it needs to import old data that has not yet been re-imported prior to re-exporting it for another user.

PROCEDURE

- **Contract State**
- C Export to PDA
- CLSM Mobile
- Select LSM user
- Acknowledge query
- Select locking systems
- Select locks
- Configure tasks
- Select transponders
- Export

QUERY



SOLUTION

The indicated user must log in and import the data. The data can then be exported again without the risk of data being lost.

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SCENARIO 4 (PART OF LOCKING PLAN ALREADY EXPORTED)

EXPLANATION

You can work with multiple Pocket PCs at the same time. To avoid duplicating any work, locks that have already been exported should not be exported again.

PROCEDURE

- **\$** File
- C Export to PDA
- CLSM Mobile
- Select LSM user
- Select locking systems
- Select locks
- Tick "Previously exported locks ..."
- Configure tasks
- Select transponders
- Export

1.39.2 EXPORT

EXPLANATION

When data is exported, the locking plan is transferred to the Pocket PC in accordance with the defined restrictions in order to be able to program the locks in situ.

NOTE

- Only users who have been assigned the "handheld" role are listed.
- With LSM you have the option of managing more than one locking plan at the same time on your PocketPC.

1.39.2.1 SELECT LOCKING SYSTEMS

Handheld PDA user:	Admin	
Please mark one or more locking systems in the list.	Sample JSC G2 Sample JSC G1	-
T All locking systems		
T Apply filter:		
☑ Export to notebook. File exchange folder:	C:\Programme\SimonsVoss\LSMMobile 30	

EXPLANATION

"Handheld PDA user"

"Locking systems"

"All locking systems" "Use filters" "Export to notebook. File exchange folder"

- → User with the right to perform mobile programming
- → Selection of the locking systems to be taken into account
- All locking systems are taken into account
- \rightarrow The existing filters can also be used here
- → Data can also be exported to a local data carrier and the locks programmed using a Notebook or Netbook

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1.39.2.2 SELECT LOCKS

ort to PDA: select locks			
All Locks Locks with programming demand Transmit complete list of authorisations Hide locks already exported	Filter: no		_
Select locks:		Select	ed: 1 of 1
Door	Area	Locking system	

EXPLANATION

"All locks"

"Locks with programming

requirement"

"Transfer complete list of

authorisations"

"Hide locks that have already

been exported"

- "Filter"
- Select locks

- \rightarrow Highlight all locks at once
- → Only locks with a programming requirement are displayed.
- → All authorisations are exported and made available on-site
- \rightarrow Previously exported locks are not displayed
- \rightarrow An active filter is visible here
- → If the first option is not selected, there is an overview of all the locks from which the necessary ones can be selected.

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1.39.3 CONFIGURE TASKS

GENERAL

For maximum security it is possible to create precisely defined tasks. To do this, you must make a number of settings in the "Tasks" window.

Locks	Sunc	Task	Allowed	Expire date	Number
Main entrance foyer 2/L-00022	yes	P	POR	Sat, 27.02.10 01:17	3
Unknown lock			RO	Sat, 27.02.10 01:17	1
Tasks (P) Programming (T) Read transponder list (L) Read auditural	•	Allowed (P) Programming (T) Read transponder list (L) Read and that		0	
[Z] Set clock. Settings Maximum no. of executions: Perform until: 15:17	3 10 •	v v □ □ □ □ □ □	(2) Set clock (0) Open door (R) Reset (A) Modify transp (I) Modify curren settings	oonder t data	
Apply Password for emergency	-		Load	Save	1

EXPLANATION

- Highlighted locks must be processed. All locks are highlighted by default. Settings are always modified for the highlighted locks
- Under "Tasks" you must select the tasks to be performed
- Under "Permitted", the tasks to be performed are automatically selected. You can also permit additional tasks.
- Under "Settings" you define the maximum number of times the task can be executed and the time by which the tasks must be performed, and apply these settings
- Under Presettings you can save a frequently used basic setting relating to the tasks permitted for certain locks and reload it the next time

• For an emergency opening with LSM Mobile, you do not need to know the original locking system password. Under "Password for emergency opening" you can issue an 8-digit password of your own choice with which the user can open the lock in an emergency.

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1.39.3.1 SELECT TRANSPONDERS

Person	Transponder group	
Person Schore, Kaltinin/T-00008 Stone, Mary/T-00010 sdig, sdig/T-00015 Long, Richard/T-00005 Meyer, Peter/T-00006 Miller, Michael/T-00007 Ashby, Sally/0000KA Long, Richard/T-00002 Cook, Steve/0000KB Orwell, Simon/T-00001 Ashby, Sally/T-00003 Danes, Sienna/0000KC King, Wolfgang/0000KS Gilmore, John/0000K8 White, Susan/T-00011 Williams, SarJ-00012 York, Kelly/T-00013	Development hardware Development hardware Development hardware Development hardware Bookkeeping Bookkeeping Bookkeeping Marketing Marketing Marketing Marketing Marketing Marketing Marketing Marketing Marketing Cleaning Cleaning Cleaning	Sample JSC G2 Sample JSC G2

EXPLANATION

"All transponders"

→ Highlight all transponders at once. If only individual transponders are exported, not all TIDs can be assigned by name when transponders or access lists are read.

1.39.3.2 FINISHING THE EXPORT



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1.39.4 IMPORT

EXPLANATION

Once the exported tasks have been completed, the data must be re-imported from the Pocket PC after processing in order to inform the locking plan of the modified data.

If this does not happen you will see a query the next time you try to export and different authorisations may apply in the software and in the locks!!

PROCEDURE

- **⊃** File
- Dimport to PDA
- CLSM Mobile

NOTE

- In the export task list you can select whether all tasks should be imported or just those that have already been processed
- If the software detects differences between the handheld and the computer, it will show you these. You can then decide which data you want to accept.

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1.40. LSM MOBILE

EXPLANATION

LSM Mobile is the SimonsVoss software module for PocketPCs. You can use this software and the mobile Pocket PC to perform tasks within a locking system without network (offline).

DATA SYNCHRONISATION REQUIREMENT

- Microsoft ActiveSync Version 4.2 (or higher)
- LSM Mobile installed on PocketPC
- LSM Mobile must not be open

SCENARIO 1 (EXECUTE)

PROCEDURE

- Start LSM Mobile
- Confirm Bluetooth query with Yes
- Select database
- Enter login details (user name and password)
- Confirm with OK
- Select locking system
- Execute

PROCESS

- LSM Mobile reads unknown locks
- LSM Mobile recognises lock and performs the "tasks" stored for the lock

SCENARIO 2 (SELECT – PROGRAM)

PROCEDURE

- Start LSM Mobile
- Confirm Bluetooth query with Yes
- Select database
- Enter login details (user name and password)
- Select locking system
- Select
- Select lock
- Program.

PROCESS

• LSM Mobile programs the nearby lock (you can also program locks that have not been programmed yet)

NOTE

- After exporting the locking plan to the Pocket PC, you should avoid making any changes to the LSM locking plan software until you import it again to prevent conflicts from arising.
- More detailed information about LSM Mobile is available in a separate manual from SimonsVoss.

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14.0 MISCELLANEOUS

1.41. DELETING AN EMPLOYEE WHEN TRANSPONDER IS RETURNED

Reset transponder Disconnect transponder from person

1.42. DELETING AN EMPLOYEE WHEN TRANSPONDER IS NOT RETURNED

Deactivate / block transponder

1.43. CREATE REPLACEMENT TRANSPONDER

USE

This procedure should be used when a transponder has been lost.

EXPLANATION

When you create a replacement transponder, the original transponder is blocked and a new one is created with the same authorisations and a similar designation.

PROCEDURE

- Right-click on the original transponder
- **D** New
- **C** Replacement transponder
- Confirm query with Yes
- Enter additional information and confirm
- Enter new serial number

RESULTS

- Programming requirement on transponder
- Programming requirement on the affected locks
- TID is permanently blocked

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1.44. PROCEDURE TO FOLLOW FOR A DEFECTIVE TRANSPONDER

EXPLANATION

In the event of a defective transponder, before programming a new transponder you must tell the software that the old transponder no longer works.

PROCEDURE

- Right-click on the original transponder
- **Properties**
- **C** Transponder

or

- Edit
- Transponder
- Select transponder using arrow buttons

then

- Software reset
- Select reason
- Enter additional information if required
- Confirm twice with Yes
- You can now start programming the new transponder

RESULTS

• Actual status of the original transponder is reset

NOTE

Resetting and reprogramming another transponder can lead to security issues. It is possible to create two transponders with the same data. It must be ensured that the original transponder really is defective. Otherwise a replacement transponder must be created (see 10.1 Deleting an employee when transponder is returned).

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1.45. PROCEDURE TO FOLLOW FOR REPLACING A DEFECTIVE LOCK

EXPLANATION

When you replace a defective lock, before programming a new lock you must tell the LSM database that the old lock no longer works.

PROCEDURE

- Right-click on the door / lock
- **Properties**
- Clock

or

- C Edit
- Clock
- Select lock using arrow buttons

then

- Configuration / data
- Software reset
- Confirm query with Yes
- You can now start programming the new lock

RESULTS

Actual status of the lock is reset

1.46. OVERLAY MODE

EXPLANATION

In overlay mode 8 transponder IDs are reserved for a created transponder and programmed into the authorised locks. If the first transponder is lost, the transponder ID is deactivated in the software and the new transponder is assigned the next transponder ID from the reserve TIDs. When the transponder is used to open a lock, the system recognises that this is one of the 7 reserve TIDs and deactivates the previous transponder ID.

ADVANTAGE

• No need to program the locks if a transponder is lost

DISADVANTAGE

- The old TID is only deactivated on the locks the user has activated with his new TID, resulting in a security problem
- Large number of used transponder IDs ~(e.g. 1000 transponders → 8000 TIDs)

1.47. OVERALL LOCKING LEVELS

EXPLANATION

To create transponders that are to be authorised for more than three locking systems, you use overall locking levels. Here you are dealing with transponders from locking systems belonging to different companies. Where a company has more than one locking system, you can use the transponder group hierarchy. A classic example of overall locking levels is the fire brigade level, as there are situations where transponders on this level need to be authorised for multiple locking systems for different buildings and companies.

15.0 SERVICE AND SUPPORT

PRODUCT SUPPORT

If customers have any questions relating to products from SimonsVoss Technologies AG, the general support team will be happy to help:

Telephone +49 (0) 1805 78 3060

The product hotline does not offer support for the LSM Business and Professional software.

Software support Support Standard For customers with a chargeable Support Standard software agreement, the following support options are also available:

E-MAIL LSM-SUPPORT@SIMONS-VOSS.DE

TELEPHONE +49 (0) 1805 57 3060

Support Premium

For customers with a chargeable Support Premium software agreement, the following support options are also available:

E-mail lsm-support@simons-voss.de Telephone +49 (0) 1805 57 3060

Online support tool Short call to LSM hotline Launch LSM ➔ areas,

SIMONSVOSS ONLINE SUPPORT