

## **Installation Manual**

# for the LEHMANN Management Software



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### 1. General

The LEHMANN Management Software LMS is a Microsoft Windows<sup>®</sup> application. It is possible to install it in single-user mode or as client/server application. The latter is recommended when the management of transponders and locks shall be done from more than one workplace.

#### 2. Source

The software can be downloaded from the website https://lms.lehmann-locks.com. A licence is required to operate the software, which can be purchased from LEHMANN Vertriebsgesellschaft mbH & Co KG. Furthermore, the Android App "LEHMANN Data Transfer" for NFC-enabled Smartphones is required, which can be purchased in Google Play<sup>®</sup>.

## 3. Technical Requirements

Client:

- 32 Bit Windows (Win7 / Win8 / Win10)
- 4 GB RAM
- USB- or COM-Port for USB desktop reader

Server:

- 64 Bit Windows (Win7 / Win8 / Win10)
- 4 GB RAM

### 4. Installation

The installation is started by a double-click on the downloaded file Lehmann\_Management\_Software\_Install.exe.

If not already available, the installation of the .NET Framework Version 4.7.1 will be started first. Depending on the underlying operating system, this can take a long time.

🗟 LEHM	ANN Management Software Setup	×
Status:	Installing .NET Framework 4.7.1	

The welcome-dialog appearing afterwards must be confirmed with a click on "Next".





A dialog appears in which you can select whether a complete or client / server installation is to be performed.

#### 4.1 Complete installation



After a click on "Complete" the following dialog appears, in which the installation directory can be adjusted if necessary.



EHMANN Management Soft	tware Setup	10 <u>-</u> 10		×
Select Installation Folder				
This is the folder where LEHMA	ANN Management Software will b	oe installed.		0
To install in this folder, dick "In "Browse".	nstall". To install to a different fo	older, enter it	t below or c	lick
<u>F</u> older:				
C: Program Files LEHMANN-Loc	ks\LEHMANN Management Softv	vare	Br <u>o</u> wse.	
vanced Installer				

After a click on the "Install" button, you may be asked whether changes to the device may be made by this application. This must be confirmed in order to start the actual installation, the progress of which is shown in the following dialog.

o LEHMANN N	fanagement Softwar	e Setup		,
Installing LI	EHMANN Manageme	ent Software		0
	ait while the Setup Wiza several minutes.	ard installs LEHMANN	Management Softwa	are, This
Status:	Copying new files			
dvanced Installe				
avancoa matallo		< <u>B</u> ack	Install	Cancel

During the installation of the LEHMANN Management Software, the driver for the USB desktop reader will be installed, provided it is not already installed.



💷 Windows Security		×
Would you like to install this device soft	tware?	
Name: Elatec Universal Serial Bus contro Publisher: Elatec GmbH	llers	
Always trust software from "Elatec GmbH".	Install	Don't Install
You should only install driver software from pu decide which device software is safe to install?	blishers you t	rust. <u>How can l</u>

After successful installation a dialog appears in which you can choose if the LEHMANN Management Software shall be started immediately or not. The dialog must be confirmed with a click on "Finish".



When the LEHMANN Management Software is started for the first time, the language to use for the user interface is requested. After the selection has been made, the dialog must be confirmed with the "Next" button.



First Start Wizard				<u></u>		×
Select your lang	Germ.	an				
	Chine	1		•		Next
		8	Save	Exi	t applic	ation .

The next step is to licence the software. A valid licence key can be read in with the USB desktop reader. Entering the licence key printed on the card via keyboard is also possible. This dialog is also confirmed with the "Next" button.

🐺 First Start Wizard			_		×
					~
Add licence key					
Please enter your licence key or place the card with the	ne licence key on	the USB d	esktop	reader	
					1
हिंह Read card with licence key					
Proxy settings			-		Next
	- Save	U	Fv	it applie	ration
			CX.	ir applii	

If your PC is behind a proxy, you can configure it under "Proxy Settings".



📳 Proxy settings		_		×
Proxy Settings	<b>MANN</b> <sup>®</sup>			
Use Proxy: IP:				
Port:	8080			
Bypass for local addresses:				
		Save 🖇	<b>×</b> (	Cancel

The LEHMANN Management Software requires at least one user with administrative privileges, whose name and password must be configured in the next dialog. The user's name can be changed. The password must be entered twice identically. The dialog is confirmed again with the "Next" button.

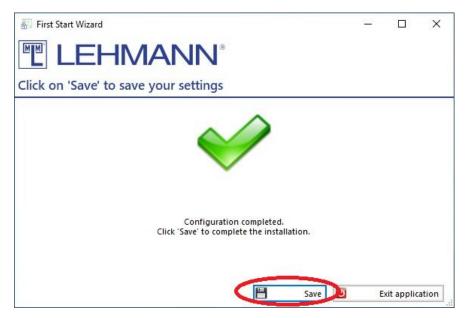
<u>89</u>	- 🗆	×
•	Ne	
ar	ave 😈	ave Exit appli

Finally, a first project name has to be configured. Further projects can be created later inside the software. This dialog is confirmed with the "Next" button as well.



First Start Wizard	<u></u>		×
Please enter a name for your first project			_
Project natie: Project1			
	•	Next	
E Sat	ve 🙋 I	Exit applicatio	in .

With a click on "Save" in the shown dialog the first start configuration is finished.



The LEHMANN Management Software can now be used as described in the user manual.

4.2 Client / Server Installation

4.2.1 Client Installation



In: Network Solution Installs the softwa	omplete stalls both dient an	d server configu	urations.
Installs the softwa	on		
		icence extensior	tion where multiple workstations ns are required for the network
	<b>ient</b> stalls the client nfiguration.		<b>Server</b> Installs the server configuration.

After a click on "Client" the following dialog appears, in which the installation directory can be adjusted if necessary.

👼 LEHMANN Management Software Setup	92 <u>—</u> 97		×
Select Installation Folder			
This is the folder where LEHMANN Management Software will be in	stalled.		0
To install in this folder, dick "Install". To install to a different folder "Browse".	, enter it b	elow or cl	ick
<u>F</u> older:			
2: \Program Files \LEHMANN+Locks \LEHMANN Management Software	N	Browse	•
Advanced Installer	nstall	Can	ral
< Back	nstall	Can	cei

After clicking on the "Install" button a dialog might appear asking you if the application may make changes to the device. This must be confirmed in order to start the actual installation, the progress of which is shown in the following dialog.



installing LEI	HMANN Management S	oftware		
	t while the Setup Wizard in everal minutes.	stalls LEHMANN Mana	agement Softwar	e. This
Status:	Copying new files			
			2000 2000 2000	

During the installation of the LEHMANN Management Software, the driver for the USB desktop reader will be installed, provided it is not already installed.



After successful installation a dialog appears in which you can choose if the LEHMANN Management Software shall be started immediately or not. The dialog must be confirmed with a click on "Finish".





When the LEHMANN Management Software is started for the first time, the language to use for the user interface is requested. After the selection has been made, the dialog must be confirmed with the "Next" button.

First Start Wizard				<u>1990</u> 2		×
Select your language						
German C French Dutch						
Chinese Chinese	P	Save	U	Þ	it appli	Next

In the following dialog, the client will be connected with a server. For that, the URL of the server has to be entered (IP address/computer name and port number), as well as user name and password. Each entry is checked and the corresponding field is coloured red when the connection attempt failed. Finally, the correct entries have to be confirmed with the button "Login".



🔠 Login wir	dow		<u> </u>	×
	EHMAN	N®		
Please log	in			
Server: URL: http	//192.168.10.60:10000			~
User:				
Name:	admin			
Password:	*****			
Project:	Test			~
		🔒 Log	in X	Abort .:

The LEHMANN Management Software will now be opened automatically and can be used as described in the user manual.



## 4.2.2 Server Installation

LEHMANN Manag		'P		Č
	Complete Installs both dient	and server configu	irations.	
can access	solution software components the software. Note tha necessary, contact yo	at licence extension		
	<b>Client</b> Installs the client configuration.		Server Listalls the configurati	
dvanced Installer		< <u>B</u> ack	Next >	Cancel

After a click on "Server" you are first asked if the driver software for the USB desktop reader shall be installed. For the server installation, this step is optional because the desktop reader here is only used for simplifying the entry of the licence key, which can be entered manually as well.

LEHMANN Management Software Set Choose Installation Type	tup		Ó
Install drivers for USB-Reader			
Advanced Installer	< Back	Next >	Cancel

After a click on "Next" the following dialog appears, in which the installation directory can be adjusted if necessary.



EHMANN Management Soft	tware Setup	10 <u>-</u> 10		×
Select Installation Folder				
This is the folder where LEHMA	ANN Management Software will b	oe installed.		0
To install in this folder, dick "In "Browse".	nstall". To install to a different fo	older, enter it	t below or c	lick
<u>F</u> older:				
C: Program Files LEHMANN-Loc	ks\LEHMANN Management Softv	vare	Br <u>o</u> wse.	
vanced Installer				

After a click on the "Install" button, you may be asked whether changes to the device may be made by this application. This must be confirmed in order to start the actual installation, the progress of which is shown in the following dialog.

	/lanagement Software Se			
Installing L	EHMANN Management S	oftware		C
	ait while the Setup Wizard ir several minutes.	nstalls LEHMANN M	lanagement Soft	ware, This
Status:	Copying new files			
ivanced Installe				

During the installation of the LEHMANN Management Software the driver for the USB desktop reader will be installed in case it is not available yet and has been chosen for installation earlier.



🖭 Windows Security		×
Would you like to install this device soft	tware?	
Name: Elatec Universal Serial Bus control Publisher: Elatec GmbH	llers	
	Install	Don't Install
Always trust software from "Elatec GmbH".	instan	

After successful installation a dialog appears where the basic configuration for the LEHMANN Management Software Service can be adjusted. The prefilled values should only be changed in known conflict situations and can be used unmodified in most environments.

🚑 Serv	ice Settings	_	×
MM	LEHMANN®		
Edit Se	ervice Settings		
Server			
IP:	*		
Port:	10000		•
URL:	http://192.168.20.62:10000		
– Datab	ase:		
Port:	10001		▲ ▼
	<b>S</b> a	we 🔀	Cancel

After a click on the "Save" button, the database and server are started. This may take a few minutes, which is indicated by the following window.

Service Settings

Please wait while the service is starting. Timeout in 594 seconds



As soon as the server service is started successfully, the LEHMANN Management Software client is started automatically. First, the language to use can be configured.

First Start Wizard	MANN®				<u>9-0</u> 5		×
Select your langua							
	👬 🖲 English						
	🧮 🔿 German						
	French						
	Dutch						
	Chinese						
					•		Next
		H	Save	U	Ex	it appli	ication

After a click on "Next", the software must be licenced. A valid licence key can be read in with the USB desktop reader, in case it's driver has been installed during the installation. Entering the licence key printed on the card via keyboard is possible as well. This dialog is confirmed with "Next".

First Start Wizard	-		×
Add licence key			
Please enter your licence key or place the card with the licence key on the U	ISB deskto	p reader	
	]		1
Read card with licence key	] [		
Proxy settings		•	Next
E Save	) E	Exit appli	cation

If your PC is behind a proxy, you can configure it under "Proxy Settings".



📳 Proxy settings		_		×
Proxy Settings	<b>MANN</b> <sup>®</sup>			
Use Proxy: IP:				
Port:	8080			
Bypass for local addresses:				
		Save 🖇	<b>×</b> (	Cancel

The LEHMANN Management Software requires at least one user with administrative privileges, whose name and password must be configured in the next dialog. The user's name can be changed. The password must be entered twice identically. The dialog is confirmed again with the "Next" button.

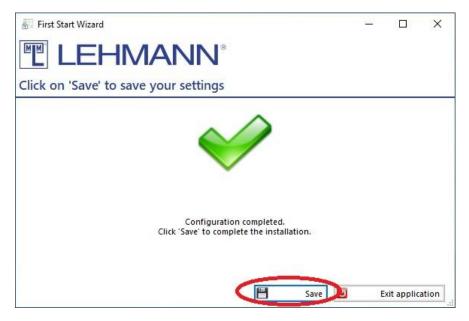
First Start Wizard				0		×
Create an admin accou						
	Create an admin ao Username: Password: Repeat password:	admin	Save		 Nex	

Finally, a first project name has to be configured. Further projects can be created later inside the software. This dialog is confirmed with the "Next" button as well.



	<b>NN</b> <sup>®</sup>				×
Please enter a name for y	our first project				
	Project natie: Projec	t1			
			-	Next	

With a click on "Save" in the shown dialog the first start configuration is finished.



The LEHMANN Management Software can now be used as described in the user manual.