

# Xesar

Creating Xesar systems on a PC

# Imprint

Product code: I.AN.INS.X.R3-1.SEN | 22R1

Version: Xesar 3.1 | 3.1.x

Edition: 02/2022 UK

The original operating manual was written in German.

## **Publisher**

EVVA Sicherheitstechnologie GmbH

## **Responsible for content**

EVVA Sicherheitstechnologie GmbH

---

This edition shall not longer be valid upon publication of a new system manual.

You can find the latest edition in the EVVA download area:



<https://www.evva.com/uk-en/service/downloads/>

All rights reserved. This system manual must not be reproduced, copied or adapted neither in full or in part using electronic, mechanical or chemical methods or any other procedures without the written consent of the publisher.

We shall not assume any liability for technical or printing errors and their potential consequences. However, the data in this system manual is revised regularly and corrections are incorporated.

All trademarks and industrial property rights reserved. We reserve the rights to make adaptations and update the document without prior notification.

# Table of contents

1	INTRODUCTION.....	4
1.1	General legal notes .....	4
1.2	EVVA Support.....	5
1.3	Explanation of symbols .....	6
2	CREATING XESAR SYSTEMS ON A PC .....	7
2.1	Installation requirements .....	7
2.2	Hyper-V .....	7
2.3	Programmes for creating and managing Xesar systems .....	8
2.3.1	Installation manager .....	8
2.3.2	Periphery Manager .....	8
2.3.3	Xesar software.....	9
2.4	Start installation manager .....	12
2.4.1	Creating a Xesar system on a PC.....	13
2.4.2	System Safety Sheet .....	18

# 1 Introduction

This document is an excerpt from the Xesar 3.1 system manual.

The products and/or systems described in the Xesar system manual must exclusively be operated by persons that have been adequately qualified for the corresponding task. Qualified personnel is able to identify risks when handling products/systems and prevent potential hazards on the basis of their expertise.

## 1.1 General legal notes

EVVA shall conclude the contract for the use of Xesar on the basis of the EVVA GTC (General Terms and Conditions) and EVVA GTC (General Terms and Conditions) for the software for the product.

You can call up the EVVA General Terms and Conditions and EVVA General Terms and Conditions:



<https://www.evva.com/uk-en/legal-notice/>



---

Please note that the use of the Xesar locking system may trigger legal obligations, in particular data protection authorisation, reporting and registration obligations (e.g. when setting up an information network system), as well as employee co-determination rights when used in companies. The user shall bear the responsibility for the legally compliant use of the product.

---



---

The above information must be observed in accordance with the manufacturer's liability for its products as defined in the Product Liability Act and must be communicated to operators and users. Non-compliance releases EVVA from any liability.

---

Unauthorised use, repair work or modifications not authorised by EVVA and improper service may lead to malfunctions and must therefore be avoided. Changes not expressly approved by EVVA will result in the loss of liability, warranty and separately agreed guarantee claims.



---

Keep the system components away from small children and pets. Risk of suffocation due to small parts that can be swallowed.

---



---

EVVA provides **architects and consulting institutions** with all the product information they need to comply with their information and instruction obligations under the Product Liability Act.

Specialist retailers and installers must comply with the information in EVVA documentation and they must pass on such information to customers, where applicable.

---

Additional information can be found in the Xesar product catalogue:



<https://www.evva.com/uk-en/xesar>

## 1.2 EVVA Support

With Xesar, you have a sophisticated and tested locking system at your disposal. If you require additional support, please contact your EVVA partner directly.

You can access the list of certified EVVA Partners here:



<https://www.evva.com/uk-en/retailer-search/>

Activate the “Electronics Partner” filter option to search specifically for EVVA partners who sell electronic EVVA locking systems and have qualified specialist knowledge.



<http://support.evva.at/xesar/en/>

General information on Xesar can be found here:



<https://www.evva.com/uk-en/xesar>

## 1.3 Explanation of symbols

The following symbols are used in the system manual to support illustration:

Symbol	Meaning
	Attention, risk of material damage in the event of non-compliance with the corresponding safety measures
	Notices and additional information
	Hints and recommendations
	Avoidance of errors or error messages
	Options
	Links
	Steps with instructions for action

## 2 Creating Xesar systems on a PC

### 2.1 Installation requirements



---

A computer with Windows 10 Pro, Enterprise or Education is required to create Xesar systems on a PC. Hyper-V is already integrated in these versions of Windows.

---

### 2.2 Hyper-V



<https://docs.microsoft.com/en-us/virtualization/hyper-v-on-windows/quick-start/enable-hyper-v>

Hyper-V is detected and activated when the Installation Manager is started.



---

Hyper-V is integrated into Windows as an optional feature. A Hyper-V download is not available.

---

» Review the requirements:

- Windows 10 Enterprise, Pro or Education
- 64-bit processor with SLAT (second level address translation)
- CPU support for VM Monitor Mode Extension (VT-c on Intel CPUs)
- At least 8 GB RAM, of which 4 GB is needed for installing the system



---

The Hyper-V feature cannot be installed on Windows 10 Home.

---



---

For more information and troubleshooting, see



<https://docs.microsoft.com/en-us/virtualization/hyper-v-on-windows/reference/hyper-v-requirements>

---

## 2.3 Programmes for creating and managing Xesar systems

The following programs are required to create and manage Xesar systems:

### 2.3.1 Installation manager

You can manage one or more systems with the Installation Manager. In addition, Xesar system settings can be configured.

The following tasks can be performed:

- Easy creation of Xesar systems on PC or server
- Starting and Stopping a system
- Admin Card management
- Performing updates
- Management of multiple systems.
- Add KeyCredits and KeyCredit Xesar Lifetime
- Setting the system backup options
- Replacement of defective Admin Cards
- Setting of system ports

### 2.3.2 Periphery Manager



For single-user systems, the coding station is managed in the Installation Manager. An additional installation of the Periphery Manager is not necessary.

---

The Peripheral Manager permits the operation of a coding station on an administrator PC and on the client PCs in a multi-user system.



The Periphery Manager can be downloaded from the **Xesar software > Support > Updates**.

---

## 2.3.3 Xesar software

The Xesar software is an application that is started from the installation manager and runs in a browser. The Xesar software can be used to manage a system started in the Installation Manager on the dashboard.

You can download the current installation manager from the EVVA website by clicking on the Software tab.

Products and identification media   Software   Interface   KeyCredits  
Security   Applications   Downloads   Videos



### Xesar software

The Xesar software consists of system management software and a tablet app. Thanks to the coding station you can quickly and easily programme identification media. Admin cards create an additional security level and protect from unauthorised manipulation.

The software package includes:

- WEB-based client/server system
- Information at all times regarding the system's security status
- Schedule-based opening, door and user management.
- Xesar virtual network
- Flexible media validity periods
- A secure and comprehensive event and system log
- Several media per person

[Software download >](#)

## Xesar software download

Please complete this form and then start downloading the Xesar software.

**Your contact data**

Salutation *	Title
<input type="text" value="Mr."/>	<input type="text"/>
First name *	Last name *
<input type="text"/>	<input type="text"/>
User or specialist retailer *	
<input type="radio"/> User <input type="radio"/> Specialist retailer	
Company *	
<input type="text"/>	
Phone	Email *
<input type="text"/>	<input type="text"/>
Facility category	Sub-facility category
<input type="text" value="Please select"/>	<input type="text" value="Please select"/>
Number of doors	Number of doors with electronic access
<input type="text" value="Please select"/>	<input type="text" value="Please select"/>

**Legal information**

I have read and accepted the [data protection declaration](#). \*

I give my consent to my data being gathered by way of this form and being processed and stored supported by automation. \*

I would like to receive notifications about Xesar software updates.

I consent that EVVA Group is permitted to send information, newsletters, promotional materials to myself by email.

I consent that EVVA Group is permitted to send information and promotional materials to myself by telephone.

Recaptcha

I'm not a robot

[Request download](#)

» Complete and submit the "Download Xesar software" form.

Dear Ladies and Gentlemen,

Thank you for your interest in Xesar. The following link will take you to the download page of the Xesar software:

[Download Xesar Software](#)

Attention: This link is only valid for 24 hours!

Best regards - best security!  
Your EVVA team

You will receive an email with a temporary download link to the email address you provided in the "Download Xesar Software" form.

## Xesar Software Download

Please contact your EVVA Partner or local EVVA technical office to check the necessary system requirements **before every Xesar 3.0 installation**.

**Current Xesar software version includes hotfixes and service packs for single-user PC systems or multi-user servers:**

[Xesar 3.1 Software](#)

**Previous versions for single-user PC systems:**

[Xesar 2.2 Software Windows 7, 8.1 & 10 \(64-Bit\)](#)

[Xesar 2.2 Software Windows 7, 8.1 & 10 \(32-Bit\)](#)

**Documents:**

[Xesar 3.1 Project checklist and system requirements](#)

[Xesar 3.1 installation instructions](#)

[Xesar 3.1 system manual](#)

[Xesar 2.2 system manual](#)

[Xesar 3.1 release notes](#)

[Xesar 2.2 release notes](#)

- » Download the current Installation Manager.
- » Start the \*.msi file.

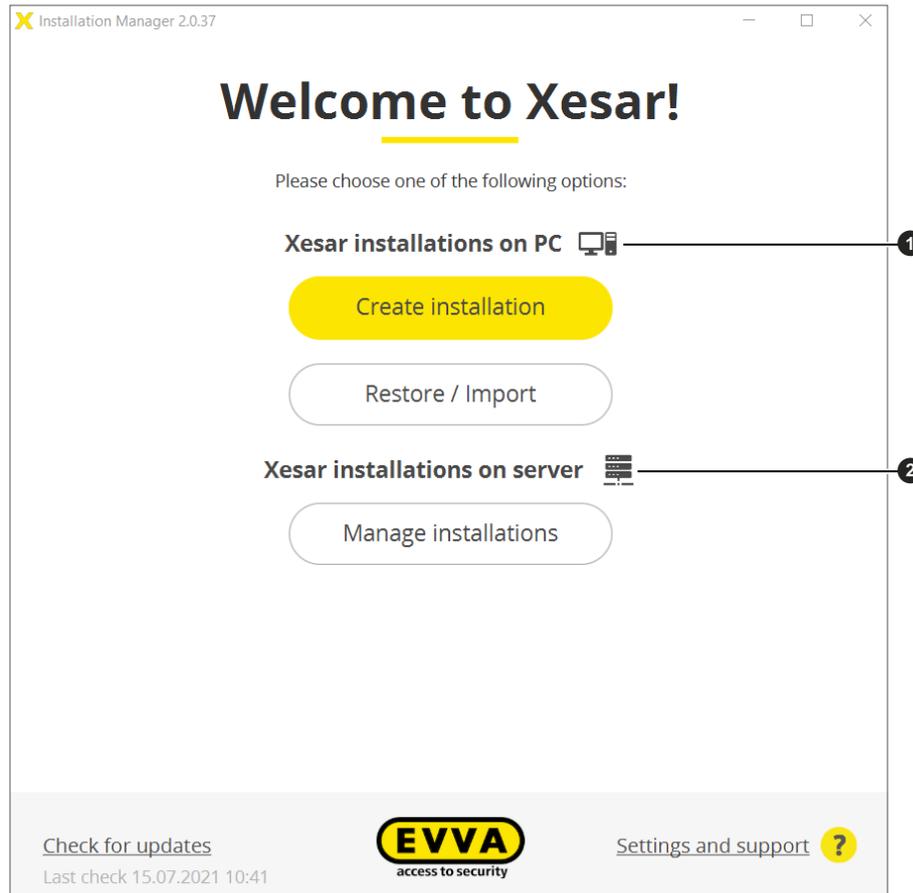
The installation manager is installed automatically and a program shortcut is created in the start menu and on the desktop.

- » Start the installation manager by clicking on one of the links.

## 2.4 Start installation manager

- » Start the installation manager by clicking on one of the links.

The start window "Welcome to Xesar!" contains a grouping in "Xesar systems on PC" ❶ and "Xesar systems on server" ❷.

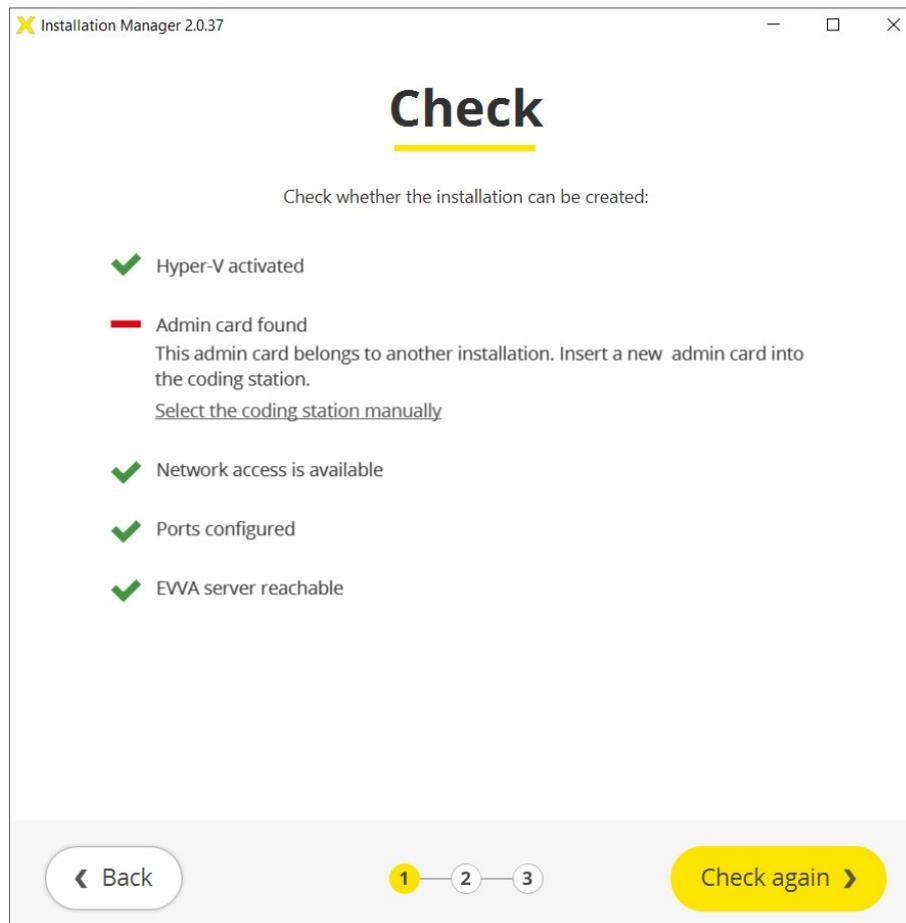


## 2.4.1 Creating a Xesar system on a PC

» Click the button **Create system** to create a new Xesar system on a PC.

You will now be guided step by step through the creation process.

» **1. Step:**  
Check the requirements of the PC.



---

Please refer to the chapter "System requirements" or the project checklist for the necessary system requirements.

---

The following requirements are automatically checked:

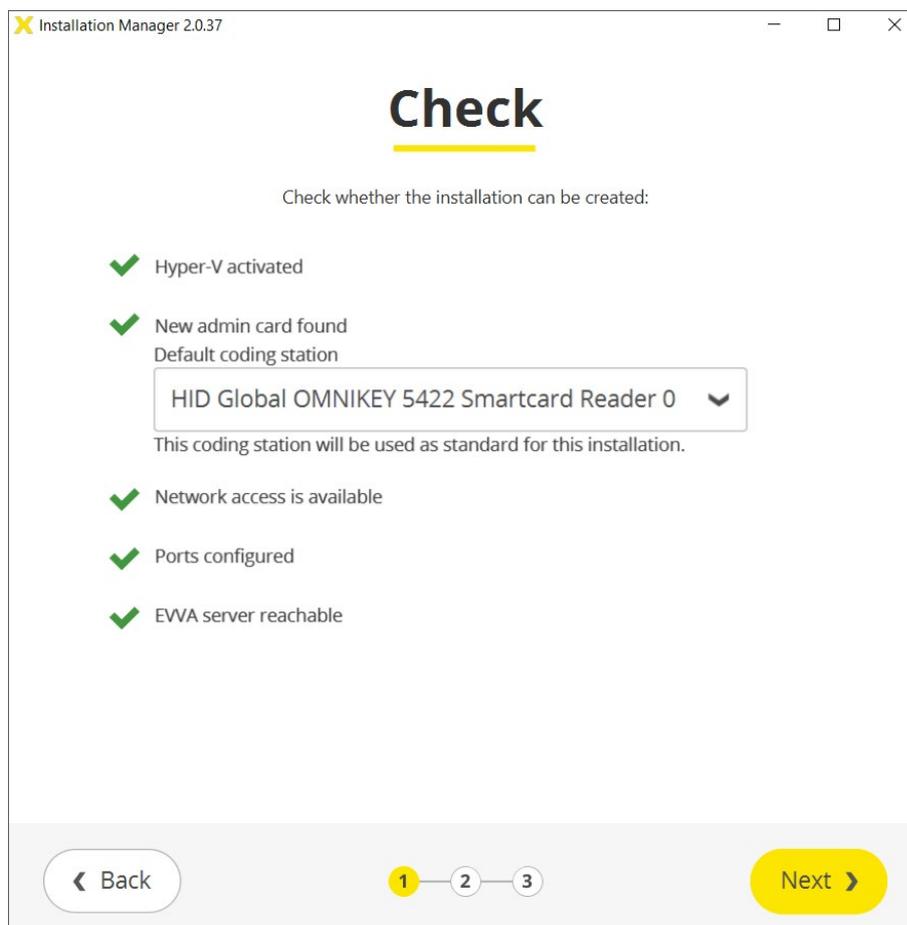
- Hyper-V is installed and enabled on the PC.
- A coding station is connected and a new and valid Admin Card is inserted.
- The network authorisation checks whether the Installation Manager has been installed on a physical data carrier and not on a network drive.
- The ports required by Xesar are both free and available.
- The EVVA server can be accessed via the Internet. This is necessary, for example, to check the list of available updates.

If all the requirements necessary for installation are not met, error messages with suggested remedies are displayed.

- » Try to remedy the problem according to the suggestion click **Check again**.



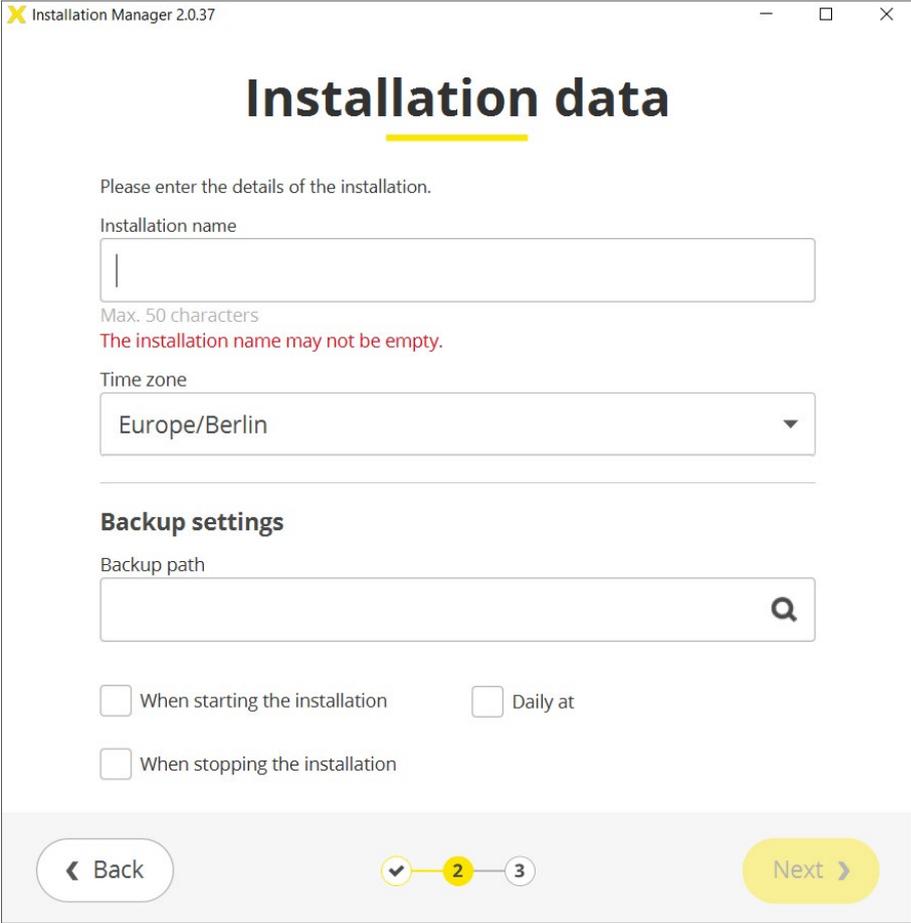
If the problem cannot be remedied, please contact your EVVA partner or the EVVA technical office.



When all requirements have been successfully verified, click **Next** to continue the process.

» **2. Step:**

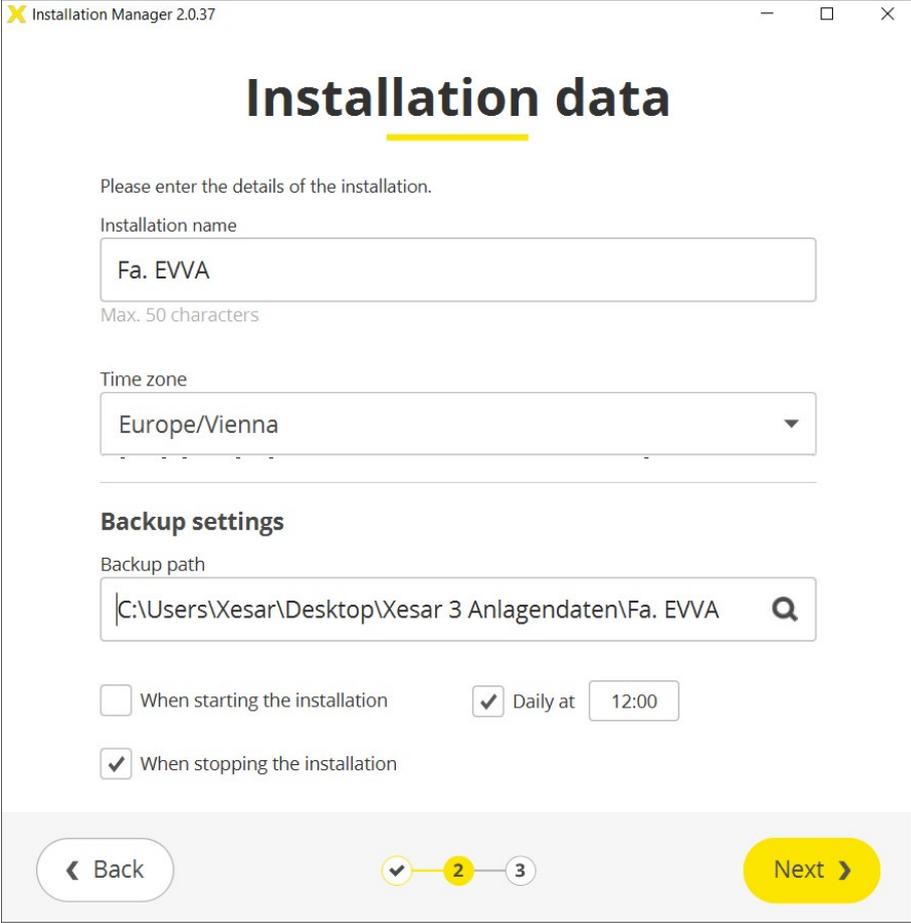
Insert the installation data and the desired backup settings in the fields provided.



---

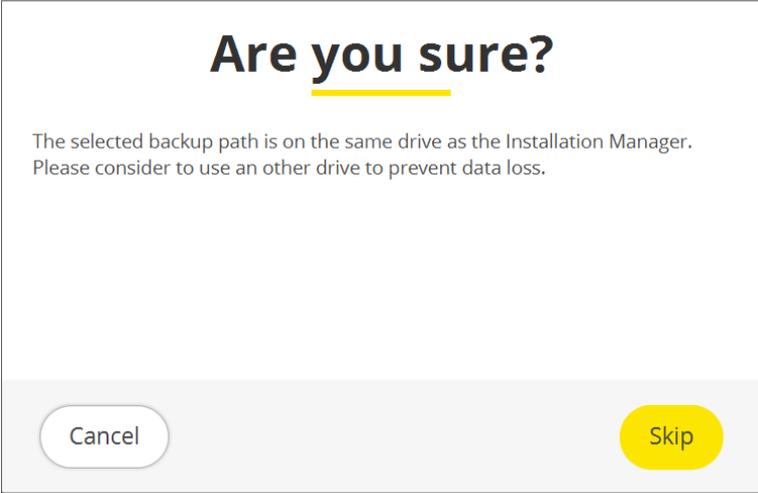
Several backup options can be selected.

---



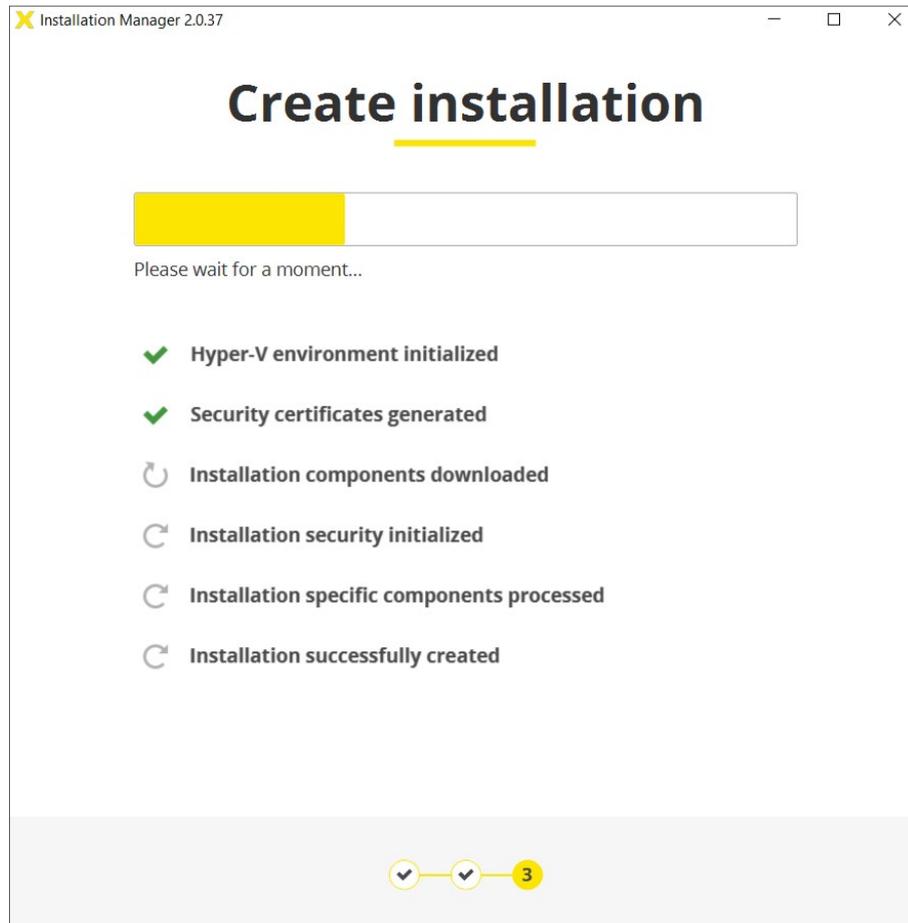
In order to prevent data loss in the event of a hardware problem, backup data should not be saved on shared Xesar software drives.

If you select the backup path on the installation manager drive, the message "Are you sure?" appears.

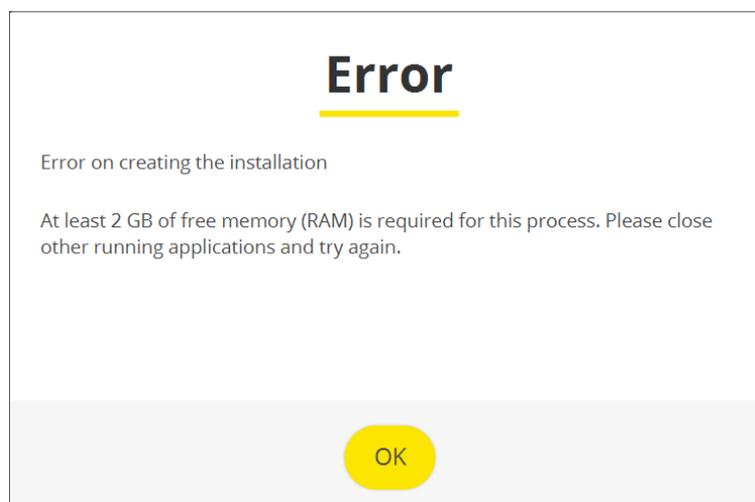


Click **Cancel**, to return and then specify a new backup path. Click **Skip** to ignore the warning.

» **3. Step:**  
Create system



The following error message appears if there is too little memory available during the installation process (at least 2 GB).



## 2.4.2 System Safety Sheet

After successful installation of the system, the system safety sheet with important system information is generated and automatically displayed as a PDF.

This contains the user passwords for logging in as system administrator (su) and administrator (admin).

 **Installation safety sheet**  
**Fa. EVVA**

 **Warning**

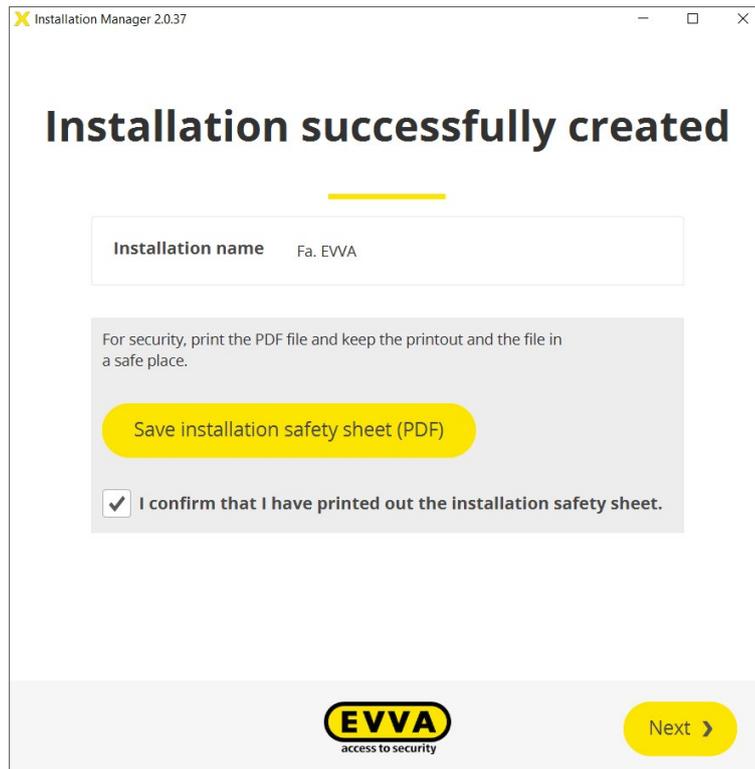
The following data is important for the installation security.  
This information is necessary for the operation of the installation and for the recovery of the admin card if it has been lost.  
***Please print this installation safety sheet and keep it in a safe place.***

 **Admin card**

Installation key:	A7D523B124319326F455E40868B8B176
Card number:	0003358760F3C37B
Card signature:	00000000F31A0D31C2C9463F868B4E0AA14066B3

 **User accounts**

su	/	Qg1VZc-pM9KKW-196GWP-wht3ff-tmRzWY
admin	/	i2klIVubi9



You can also open the system safety sheet by clicking on the button **Open system safety sheet (PDF)**.



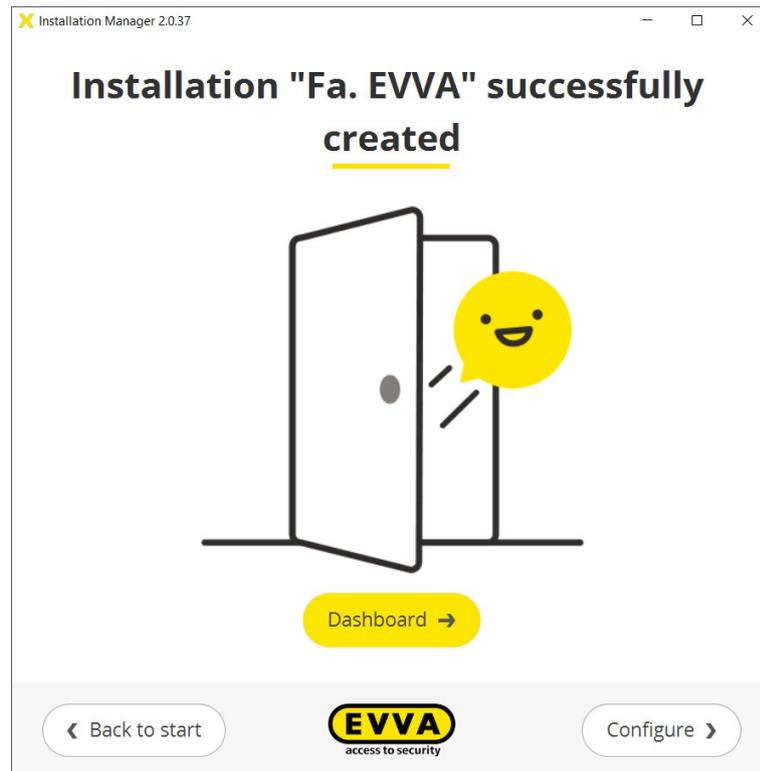
Print the system safety sheet. Confirm the printout by clicking here and keep the printout in a safe place.

If the Admin Card is lost or defective, the information in the system safety sheet is the only way to continue operating the system.

EVVA cannot restore the data if the system safety sheet including the system information is missing!

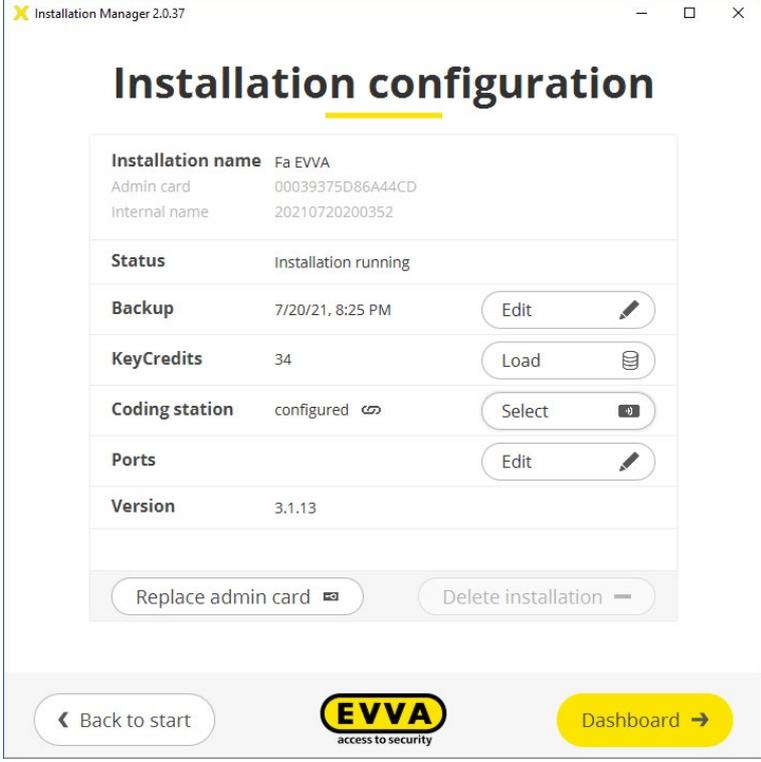
- » Click **Next** to begin the installation.  
(It may take a few minutes for the system to start).





- » Click on the button **Dashboard** - you will be taken to the system management login
- » Click on the button **Configure** - you will be taken to the system configuration page.

Here you can see an overview of all important system settings.  
If necessary, system-relevant changes can be made.



Installation name	
Admin card	00039375D86A44CD
Internal name	20210720200352
Status	Installation running
Backup	7/20/21, 8:25 PM <span>Edit</span>
KeyCredits	34 <span>Load</span>
Coding station	configured <span>Select</span>
Ports	<span>Edit</span>
Version	3.1.13

Replace admin card Delete installation

← Back to start  Dashboard →

This completes the installation of the system.

- » Click the button **Return to start** – you will be taken to the Installation Manager start page.

**[www.evva.com](http://www.evva.com)**