



SafeSign Identity Client Minidriver for Windows

Installation Guide





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About the Product

This competent all-rounder in terms of strong authentication, integration and compatibility gives you complete freedom and flexibility. Once rolled out, SafeSign Identity Client (IC) serves as the perfect guard for IT security and enables unlimited possibilities for securing your IT infrastructure.

SafeSign IC offers the most comprehensive support available on the market for (card) operating systems, smart cards, USB tokens, languages and functions. This means you have sustainable and permanent freedom of choice when it comes to manufacturer independence.

SafeSign IC enforces two- or multi factor authentication/logon to the network, client PC or application, requiring the end user to have both the USB token or smart card (something you have) and a Personal Identity Number (something you know). USB tokens and smart cards are physically and logically tamper-resistant, ensuring that the end user's digital credentials cannot be copied, modified or shared. Authentication based on smart cards or USB tokens provides the highest degree of security.

SafeSign IC is available for both fixed and mobile devices like desktops, servers, laptops, tablets and smart phones. SafeSign IC is also found in Thin Clients, printers or any other devices requiring authentication.





About the Manual

The aim of this document is to describe how to install the SafeSign Identity Client Minidriver (henceforth referred to a SafeSign IC Minidriver) software for Windows on your computer, i.e. the different steps needed by the setup program to install SafeSign IC Minidriver.

In order to install SafeSign IC Minidriver, follow the instructions in the manual.

Every activity has a number of steps, indicated by a number: 1

Each step will require you to take a certain action, indicated by an arrow:

Go through these steps and the actions you are required to take, in order to perform the desired activity.

While reading this document, take the notes into account.





1 Installation

This document describes the installation procedure of SafeSign IC Minidriver on Windows 64-bit Operating Systems.

1.1 Prerequisites

In order to install SafeSign IC Minidriver, consider the following prerequisites.

1.1.1 Previous version

It is possible to upgrade an existing installation of SafeSign IC Minidriver version 3.5 (\geq 3.5.2.0) to SafeSign IC Minidriver version 3.6.

The upgrade procedure is identical to the installation procedure described in section 1.2

1.1.2 Silent installation

It is possible to perform a silent (unattended) installation of SafeSign IC Minidriver.

Please refer to the SafeSign IC Silent Installation Guide, available on request.

1.1.3 Administrator rights

In order to install SafeSign IC Minidriver you will need to have local administrator rights on the (local) computer itself. This is because upon installing SafeSign IC Minidriver, access to the registry is required, which a user without local administrator rights is not granted access to. When SafeSign IC Minidriver is installed, any user can use it.

1.1.4 Operating System

SafeSign IC Minidriver works with a number of Windows Operating Systems, starting from Windows 8.1 and higher, as defined in the latest Release Document.





1.2 Installation Procedure

This section describes the installation procedure of SafeSign IC Minidriver.

SafeSign IC Minidriver installation is quick and straightforward. The installation program will lead you through all steps necessary to install SafeSign IC Minidriver.

Screenshots were taken from the installation of SafeSign IC Minidriver 64-bit version on a 64-bit Windows 10 2004 Enterprise Operating System.

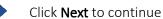
It is strongly recommended that you exit all Windows programs before running the Setup program.

To install SafeSign IC Minidriver, locate the SafeSign IC Minidriver setup file (.msi) and double-click it to prepare and start the SafeSign IC Minidriver Windows 64-bits InstallShield Wizard.

- Note that the default language of the Installation program is English. In order to install the .msi in a particular language (other than English), you will need to install the .msi with specific parameters, to apply a transform. Refer to section 10.1 of the SafeSign IC Minidriver version 3.6 Release Document for Windows.
- **1** When the SafeSign IC InstallShield Wizard is started, the *Welcome to the InstallShield Wizard for SafeSign IC Minidriver Windows 64-bits* window is displayed, welcoming you to the InstallShield Wizard for SafeSign IC:

🖟 SafeSign IC Minidriver Wind	lows 64-bits - InstallShield Wizard	Х
N	Welcome to the InstallShield Wizard for SafeSign IC Minidriver Windows 64-bits	
	The InstallShield(R) Wizard will install SafeSign IC Minidriver Windows 64-bits on your computer. To continue, click Next.	
2	WARNING: This program is protected by copyright law and international treaties.	
	< Back Next > Cancel	

Figure 1: InstallShield Wizard: Welcome to the InstallShield Wizard for SafeSign IC Minidriver

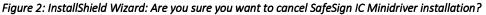






Please note that at every stage of the installation process, you can halt / stop the installation. In order to do so, click **Cancel**. A dialog box will be displayed, asking confirmation to cancel the installation. This dialog box also enables you to resume Setup or to exit definitely:

録 SafeSign IC Minidriver Windows 64-bits - InstallShiel					
♪	Are you sure you want to cancel SafeSign IC Minidriver Windows 64-bits installation?				
	Yes No				



Click **Yes** to cancel the installation

Click No to continue the installation

Upon clicking **Yes**, the InstallShield Wizard will finish, without installing SafeSign IC Minidriver and modifying your system:

BafeSign IC Minidriver Windows 64-bits - Insta Shield Wizard X			
	InstallShield Wizard Completed		
	The wizard was interrupted before SafeSign IC Minidri Windows 64-bits could be completely installed.	ver	
4.	Your system has not been modified. To install this pro- later time, please run the installation again.	gram at a	
4	Click Finish to exit the wizard.		
	< <u>B</u> ack <u>Finish</u> Ci	ancel	

Figure 3 : InstallShield Wizard: InstallShield Wizard Completed (interrupted)





2 Upon clicking **Next** in the *Welcome to the InstallShield Wizard for SafeSign IC Minidriver Windows 64-bits* window (Figure 1), the *License Agreement* window is displayed, allowing you to read the SafeSign Identity Client License Terms and Conditions before accepting it:



Figure 4: InstallShield Wizard: License Agreement

Read the SafeSign Identity Client License Terms and Conditions carefully. Note that in order to install SafeSign IC Minidriver, you will need to accept the terms of this agreement.

Therefore, only upon selecting "I accept the terms in the license agreement", the button **Next** will become available:

SafeSign IC Minidriver Windows 64 b	pits - InstallShield Wizard		×
License Agreement			
Please read the following license agreen	ment carefully.		
SafeSign Identity Client	License Terms and	Conditions	^
Clause 1			
Subject to the terms and conditions of this Agreement, A.E.T. Europe B.V. (hereinafter: AET) grants to Licensee a non-exclusive, non-transferable and non- objectionable license to use SafeSign Identity Client. Licensee is not granted any ownership rights. Licenses are granted on the condition that the Licensee fully complies with the terms and conditions of this Agreement. All intellectual and industrial ownership rights are and will remain the exclusive property of AET.			
ownership rights. Licenses are grante complies with the terms and condition	d on the condition that the ns of this Agreement. All int	Licensee fully ellectual and	*
ownership rights. Licenses are grante complies with the terms and condition	d on the condition that the ns of this Agreement. All int Il remain the exclusive prope	Licensee fully ellectual and	~
ownership rights. Licenses are grante complies with the terms and condition industrial ownership rights are and wil	d on the condition that the ns of this Agreement. All int Il remain the exclusive prope	Licensee fully ellectual and rty of AET.	~
ownership rights. Licenses are grante compiles with the terms and condition industrial ownership rights are and wil accept the terms in the license agreem	d on the condition that the ns of this Agreement. All int Il remain the exclusive prope	Licensee fully ellectual and rty of AET.	*

Figure 5: InstallShield Wizard: I accept the terms in the license agreement

After accepting the terms of the License Agreement, click **Next** to continue Setup

You may return to the previous window by clicking **Back** at every step of the installation.





When you have accepted the SafeSign IC License Agreement and clicked **Next**, the *Custom Setup* window is displayed. This will enable you to select the features you wish to install:

🛃 SafeSign IC Minidriver Windows 64-bits - InstallShield	Wizard X
Custom Setup Select the program features you want installed.	4
Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in Click on an icon in the list below to change how a feature is in t	stalled. Feature Description Cryptographic support for Firefox, Mozila, Netscape and other PKCS #11 library aware products This feature requires 5036KB on your hard drive. It has 1 of 1 subfeatures requires 10KB on your hard drive.
InstallShield	<u>C</u> hange
Help Space < Back	<u>N</u> ext > Cancel

Figure 6: InstallShield Wizard: Custom Setup

Click **Next** to install SafeSign IC Minidriver

For non-required features, you can select if and where they are installed. For example, you can choose not to install the feature "User Interface" by selecting the option "This feature will not be available".

4 When you have selected the features you wish to install, the *Ready to Install the Program* window is displayed. The wizard is ready to begin installation:

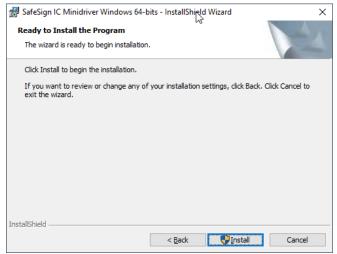


Figure 7: InstallShield Wizard: Ready to Install the Program

Click Install to install SafeSign IC Minidriver





5 Upon clicking **Install** in the *Ready to Install the Program* window, the InstallShield Wizard installs SafeSign IC Minidriver, with the program features you selected:

🛃 SafeSign	IC Minidriver Windows 64-bits - InstallShield Wizard — 🗆 🗙
-	SafeSign IC Minidriver Windows 64-bits ram features you selected are being installed.
P	Please wait while the InstallShield Wizard installs SafeSign IC Minidriver Windows 64-bits. This may take several minutes.
	Status:
	Writing system registry values
InstallShield —	< Back Next > Cancel

Figure 8: InstallShield Wizard: Installing SafeSign IC Minidriver

- Wait until the program is installed
- If you wish to cancel the installation at this stage, click Cancel. Please note that when interrupting or cancelling the installation at this point, SafeSign IC Minidriver will not be installed and your system will not be modified.
- **6** During the installation of SafeSign IC Minidriver, Windows Security will ask for permission to install the SafeSign Card Minidriver software:



Figure 9: Windows Security: Would you like to install this device software?

In order to complete the installation of the SafeSign IC Minidriver, you need to click Install.

Checking "Always trust software from "Advanced Encryption Technology Europe B..." (as in the dialog above), will import the certificate in the Trusted Publisher Store. Doing so will ensure that this security window will not appear (anymore) when installing a new version of the SafeSign Card Minidriver.





7 When SafeSign IC Minidriver is successfully installed, the *InstallShield Wizard Completed* window is displayed, informing you that SafeSign IC Minidriver was successfully installed:

🖟 SafeSign IC Minidriver Wind	lows 64-bits - InstallShield Wirtard X
	InstallShield Wizard Completed
4	The InstallShield Wizard has successfully installed SafeSign IC Minidriver Windows 64-bits. Click Finish to exit the wizard.
	< <u>B</u> ack <u>F</u> inish Cancel

Figure 10: InstallShield Wizard: InstallShield Wizard Completed

Click **Finish** to complete setup

Note that you will not be required to restart your computer, but it is recommended that you do so.

1.2.1 Custom Setup

In the *Custom Setup* window, the following components may be selected for installation of SafeSign IC Minidriver Windows 64-bits:

Component name	Description				
PKCS #11		c support for Firefox, Mozilla, Netscape and other PKCS #11 library aware products feSign IC PKCS #11 Library			
	64-bits	Install the 64-bit components of SafeSign			
	components	Installs the user interface and related components			
		User Interface	Manages SafeSign cryptographic tokens and middleware Installs the Token Administration Utility		
		Token Administration	Manages SafeSign cryptographic tokens and middleware Installs the Token Administration Utility		
			Install SafeSign in Firefox	Installs the SafeSign PKCS #11 Library in the Firefox browser Installs the SafeSign IC PKCS #11 Library as a security module in Firefox.	
		Task Manager	Manage tasks that are performed upon token insertion or removal Installs the ability (available from the Token Utility) to perfor certain tasks when inserting or removing a token.		
Documentation	This will instal	the SafeSign docun	he SafeSign documentation		
	Installs the Saf	eSign IC License Ag	reement.		
Local Language Support		,	of the utility progra		
		0 0 11	r SafeSign IC utilities	;	
SafeSign Minidriver		l the SafeSign Minid			
	Installs the Saf	eSign card Minidriv	er		

Table 1: Components for Custom installation



2 Install SafeSign in Firefox

When you have Mozilla Firefox installed on your computer and you selected the Token Administration in addition to "Install SafeSign in Firefox", the SafeSign IC Minidriver InstallShield Wizard will allow you to install SafeSign IC in Firefox during the installation procedure.

Section 2.1 describes how to use the Firefox Installer to install (and uninstall) SafeSign IC in Firefox.

Section 2.2 describes how to install SafeSign IC in Firefox manually.

2.1 Firefox Installer

1 If Firefox is installed on your computer, the SafeSign IC for Firefox Installer is loaded at a certain point during the setup of SafeSign IC (Figure 8):

A SafeSign IC for Firefox Insta	ller 🔓	×
	Install SafeSign in Firefox	
	Please select a browser from the list below and press the Install button to start the installation of SafeSign.	< >
	Firefox	
	Install Uninstall Close	

Figure 11: SafeSign IC for Firefox Installer: Install SafeSign in Firefox

It will display whether Firefox is present on your system and allows you to install SafeSign IC as a security module.

Select Firefox and click Install



Upon selecting Firefox and clicking **Install**, the SafeSign IC PKCS #11 Library will be installed as a security module in Firefox:

Success	×	
i	Safesign has been sucessfully installed in Firefox	
	OK	

Figure 12: Install SafeSign in Firefox: SafeSign has been successfully installed in Firefox

Click OK





Note that the Firefox Installer also allows you to uninstall SafeSign IC from your Firefox browser. This can be done using the Uninstall button from the SafeSign IC for Firefox Installer:

<u> A</u> SafeSign IC for Firefox Insta	ller	×
	Install SafeSign in Firefox	
	Please select a browser from the list below and press the Install button to start the installation of SafeSign.	< ~
	Firefox	
	Install Uninstall Close	

Figure 13: SafeSign IC for Firefox Installer: Install SafeSign in Firefox

- Select Firefox and click Uninstall
- Note that the SafeSign IC for Firefox Installer will also be available from the Token Administration Utility (if you selected it in the *Custom Setup* window, see Figure 6), in case you want to install SafeSign IC in Firefox at a later time (for example, if you did not have Firefox installed on your computer when you installed SafeSign IC Minidriver):

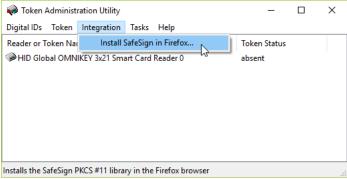


Figure 14: Token Administration Utility: Install SafeSign in Firefox





2.2 Manual installation

You can also manually install SafeSign IC in Firefox.

In Firefox, go to **Options > Privacy & Settings > Security Devices** to open the *Device Manager* window:

		Manager	×
Security Modules and Devices VNSS Internal PKCS #11 Module Generic Crypto Services Software Security Device VBuiltin Roots Module	Details	Value	Log In Log Qut Change Password Load
Builtin Object Token			Unload Enable <u>E</u> IPS
			ОК

Figure 15: Firefox Device Manager

2 When the *Device Manager* window has opened, click on **Load** and fill in the required fields as follows:

🌜 Load PKCS#11 Device Driver 🛛 —	□ ×			
Enter the information for the module you want to add.				
Module Name SafeSign PKCS #11 Library				
Module filename aetpkss1.dll	<u>B</u> rowse			
ОК	Cancel			

Figure 16: Firefox Device Manager: Load PKCS#11 Device Driver

You do not need to enter the full path to the location of the SafeSign IC PKCS #11 Library, as it is located by default in the Windows system directory.

- Note that when you have a token inserted, you will be asked to enter the PIN for the token and log in.
 - Click **OK** and then **OK** again to confirm installation of the security module.





This will install the SafeSign IC PKCS#11 Library:

	Device	Manager	
Security Modules and Devices	Details	Value	Legis
✓ NSS Internal PKCS #11 Module	^ Module	SafeSign PKCS#11 Module	Log I <u>n</u>
Generic Crypto Services	Path	aetpkss1.dll	Log <u>O</u> ut
Software Security Device			Change <u>P</u> assword
✔ Builtin Roots Module			Load
NSS Builtin Objects			Eoad
✓ SafeSign PKCS#11 Modyle			Unload
المحالي HID Global OMNIKEY 3x21 Smart Card Reader			Enable <u>F</u> IPS
UNAVAILABLE 1			
UNAVAILABLE 2			
UNAVAILABLE 3			
UNAVAILABLE 4			
UNAVAILABLE 5			
UNAVAILABLE 6			

Figure 17: Firefox Device Manager: SafeSign PKCS#11 Module

Close all open dialogs.





3 Maintenance

Using the SafeSign IC Minidriver installation file, you can modify, repair or remove an existing installation.

The following sections describe how to do so.

3.1 Modify

The example used in this section for modifying an existing installation is to deselect installation of the SafeSign IC Minidriver User Interface, the Token Administration Utility.

In order to modify an existing installation, locate the SafeSign IC Minidriver setup file (.msi) and double-click it to prepare and start the SafeSign IC Minidriver Windows 64-bits InstallShield Wizard.

When the SafeSign IC InstallShield Wizard is started, the Welcome to the InstallShield 1 Wizard for SafeSign IC Minidriver Windows 64-bits window is displayed, welcoming you to the InstallShield Wizard for SafeSign IC:

🖟 SafeSign IC Minidriver Win	dows 64-bits - InstallShieldWizard	×
	Welcome to the InstallShield Wizard for SafeSign IC Minidriver Windows 64-bits	
	The InstallShield(R) Wizard will allow you to modify, repair, remove SafeSign IC Minidriver Windows 64-bits. To continu click Next.	
	< Back Next > Cancel	

Figure 18: InstallShield Wizard: Welcome to the InstallShield Wizard for SafeSign IC Minidriver



Click Next to continue



3



Upon clicking **Next**, the *Program Maintenance* window will appear, allowing you to modify, repair or remove the program:

憬 SafeSign IC Mi	nidriver Windows 64-bit	s - InstallShield	l Wizard	×
Program Maint Modify, repair,	enance or remove the program.			
• Modify	Change which program for Custom Selection dialog in installed.			
O Regair	Repair installation errors corrupt files, shortcuts, a			ising or
○ <u>R</u> emove	Remove SafeSign IC Mini	driver Windows	64-bits from your co	mputer.
InstallShield ———		< <u>B</u> ack	<u>N</u> ext >	Cancel

Figure 19: InstallShield Wizard: Program Maintenance - Modify

Select Modify (as above) to change the program features installed and click **Next**

Upon clicking **Next**, the Custom Setup window will appear, in which you can change the (way) features are installed:

🕼 SafeSign IC Minidriver Windows 64-b	its - InstallShield	Wizard	×
Custom Setup Select the program features you want ins	stalled.		
Click on an icon in the list below to change l	now a feature is in		
PKCS #11 64-bits components Ver Interfa Documentation Local Language Support Scale December Support		tokens and midd	gn cryptographic lleware
SafeSign Minidriver		This feature req your hard drive, subfeatures sele subfeatures free your hard drive,	It has 0 of 2 ected. The e up 5296KB on
InstallShield			
Help	< <u>B</u> ack	<u>N</u> ext >	Cancel

Figure 20: InstallShield Wizard: Custom Setup - User Interface

Select "User Interface" for de-installation as done above and click **Next**



5



Upon clicking **Next**, the *Ready to Modify the Program* window is displayed, informing you that the InstallShield Wizard is ready to begin installation with the features you selected:

🙀 SafeSign IC Minidriver Windows 64-bits - InstallShield Wizard	×
Ready to Modify the Program The wizard is ready to begin installation.	4
Click Install to begin the installation.	
If you want to review or change any of your installation settings, dick Back. Click Cance exit the wizard.	l to
InstallShield	
Instalishied <a>Back Install Can	cel

Figure 21: InstallShield Wizard: Ready to Modify the Program

Click Install to install / uninstall the program features you (de)selected

When the InstallShield Wizard is ready modifying SafeSign IC Minidriver, you will be notified:

😸 SafeSign IC Minidriver Windo	ows 64-bits - InstallShield Wizard	×
	InstallShield Wizard Completed	
1	The InstallShield Wizard has successfully installed SafeSign IC Minidriver Windows 64-bits. Click Finish to exit the wizard.	
	< <u>B</u> ack <u>Finish</u> Cancel	

Figure 22: InstallShield Wizard Completed

Click **Finish** to finish and exit the wizard

The user interface (i.e. the Token Administration Utility) will not be available anymore.





3.2 Repair

With the SafeSign IC Minidriver installation file it is possible to repair an existing installation. This option fixes missing or corrupt files, shortcuts and registry entries.

In order to repair an existing installation, locate the SafeSign IC Minidriver setup file (.msi) and double-click it to prepare and start the SafeSign IC Minidriver Windows 64-bits InstallShield Wizard.

1 When the SafeSign IC InstallShield Wizard is started, the *Welcome to the InstallShield Wizard for SafeSign IC Minidriver Windows 64-bits* window is displayed, welcoming you to the InstallShield Wizard for SafeSign IC:

		_
BafeSign IC Minidriver Wind	lows 64-bits - InstallShieldWizard	×
E	Welcome to the InstallShield Wizard for SafeSign IC Minidriver Windows 64-bits	
1	The InstallShield(R) Wizard will allow you to modify, repair, or remove SafeSign IC Minidriver Windows 64-bits. To continue, click Next.	
	< Back Next > Cancel	

Figure 23: InstallShield Wizard: Welcome to the InstallShield Wizard for SafeSign IC Minidriver

- Click **Next** to continue
- 2

Upon clicking **Next**, the *Program Maintenance* window will appear, allowing you to modify, repair or remove the program:

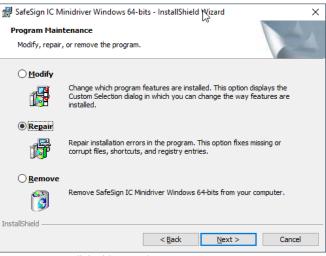


Figure 24: InstallShield Wizard: Program Maintenance - Repair

Select **Repair** (as above) to repair errors in the program and click **Next**



4



Upon clicking **Next**, the *Ready to Repair the Program* window is displayed, informing you that the InstallShield Wizard is ready to begin installation:

😹 SafeSign IC Minidriver Windows 64-bits - InstallShield Wizard	×
Ready to Repair the Program S The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click exit the wizard.	Back. Click Cancel to
InstallShield	
< <u>B</u> ack <u>Install</u>	Cancel

Figure 25: InstallShield Wizard: Ready to Repair the Program

Click Install to repair SafeSign IC Minidriver

When the InstallShield Wizard is ready repairing / installing SafeSign IC Minidriver, you will be notified:

🛃 SafeSign IC Minidriver Wind	lows 64-bits - InstallShield Wizard 🛛 🕹 🖌
	InstallShield Wizard Completed
4	The InstallShield Wizard has successfully installed SafeSign IC Minidriver Windows 64-bits. Click Finish to exit the wizard.
	< Back Finish Cancel

Figure 26: InstallShield Wizard: InstallShield Wizard Completed

Click **Finish** to finish and exit the wizard





3.3 Remove

With the SafeSign IC Minidriver installation file it is possible to remove an existing installation.

However, this will only uninstall SafeSign IC Minidriver software (Token Utility, PKCS #11, etc.), not the SafeSign IC Card Minidriver (aetrwcm1.dll / aetrwcm1x.dll).

Therefore, the option to remove SafeSign IC Minidriver through the installer is not described here.

You should follow the procedure described in section 4 instead.





4 Uninstallation

De-installation of SafeSign IC Minidriver consists of two parts: uninstalling the SafeSign IC Card Minidriver (aetrwcm1.dll / aetrwcm1x.dll) and uninstalling SafeSign IC software (Token Utility, PKCS #11, etc.).

This section will describe how to remove both the SafeSign IC Card Minidriver and the SafeSign IC software.

Note that you must reboot the computer after uninstalling.

4.1 Uninstall Card Minidriver

1 Go to Control Panel > Programs and Features > Uninstall or change a program and locate the SafeSign IC Card Minidriver:

	change a program	~	ن Sea	arch Programs a	ind Features	Q
Control Panel Home Uninstall or c	0.0					
Uninstall or c	0.0					
View installed updates To uninstall a pro	ogram, select it from the list and t					
	· · · · · · · · · · · · · · · · · · ·	to anistan a program, select it normale ist and aren elek omitstan, enange, or nepam				
Turn Windows features on or off Organize Unin:	stall/Change				-	?
Name	^	Publisher	Installed On	Size	Version	
aetrwcm1-cleanup	0		9/21/2020			
Greenshot 1.2.10.6		Greenshot	9/17/2020	2.89 MB	1.2.10.6	
 Microsoft OneDriv 	re	Microsoft Corporation	9/17/2020	146 MB	20.143.0716.00	03
😸 Microsoft Visual C	++ 2015-2019 Redistributable	Microsoft Corporation	9/17/2020	23.1 MB	14.20.27508.1	
😸 Microsoft Visual C	++ 2015-2019 Redistributable	Microsoft Corporation	9/17/2020	20.1 MB	14.20.27508.1	
🍅 Mozilla Firefox 80.0	0.1 (x64 en-US)	Mozilla	9/21/2020	199 MB	80.0.1	
🔂 Mozilla Maintenan	nce Service	Mozilla	9/21/2020	330 KB	80.0.1	
🛄 SafeSign IC Minidr	river Windows 64-bits	A.E.T. Europe B.V.	9/21/2020	27.1 MB	3.6.0.0-AET.00	0
VMware Tools		VMware, Inc.	6/18/2020	91.2 MB	11.0.6.1594078	9

Figure 33: Programs and Features: Uninstall or change a program

Select 'aetrwcm1-cleanup' (as above) and click Uninstall/Change



3



You will be asked to restart your computer:

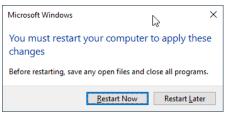


Figure 34: Microsoft Windows: Restart your computer

Click **Restart Now** if you want to restart before removing SafeSign IC Card Minidriver

Click **Restart Later** if you want to uninstall SafeSign IC Minidriver software first.

Note that in this document, we will continue uninstalling SafeSign IC before restarting. If you choose to restart first, continue with step 3 below after the restart.

4.2 Uninstall SafeSign

Now locate SafeSign IC Minidriver software in Control Panel > Programs and Features > Uninstall or change a program:

0	Programs and Features				-		×
←	> 🕆 🛐 > Control Pa	nel > Programs > Programs and Features	~	ී Se	arch Programs a	and Features	P
	Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the list and	then click Uninstall, Chan	ge, or Repair.			
Turn Windows features on or off Organize Uninstall					?		
		Name	Publisher	Installed On	Size	Version	
		Greenshot 1.2.10.6	Greenshot	9/17/2020	2.89 MB	1.2.10.6	
		Microsoft OneDrive	Microsoft Corporation	9/17/2020	146 MB	20.143.0716.0	0003
		B Microsoft Visual C++ 2015-2019 Redistributable	Microsoft Corporation	9/17/2020	23.1 MB	14.20.27508.	1
		BMicrosoft Visual C++ 2015-2019 Redistributable	Microsoft Corporation	9/17/2020	20.1 MB	14.20.27508.	1
		🍅 Mozilla Firefox 80.0.1 (x64 en-US)	Mozilla	9/21/2020	199 MB	80.0.1	
		🔂 Mozilla Maintenance Service	Mozilla	9/21/2020	330 KB	80.0.1	
		SafeSign IC Minidriver Windows 64-bits	A.E.T. Europe B.V.	9/21/2020	27.1 MB	3.6.0.0-AET.0	000
		WWware Tools	VMware, Inc.	6/18/2020	91.2 MB	11.0.6.15940	789
		A.E.T. Europe B.V. Product version: 3 Help link: h	.6.0.0-AET.000 Su http://www.aeteurope	upport link: ht Size: 2	ttp://www.aeteu 7.1 MB	irope.com	

Figure 35: Programs and Features: Uninstall or change a program

Select 'SafeSign IC Minidriver Windows 64-bit' (as above) and click Uninstall





Upon clicking **Uninstall**, you will be asked to confirm that you wish to uninstall SafeSign IC Minidriver software:

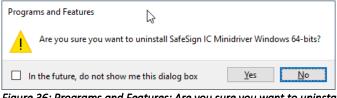


Figure 36: Programs and Features: Are you sure you want to uninstall SafeSign IC Minidriver?

• (

Click Yes to uninstall SafeSign IC Minidriver

Wait until SafeSign IC Minidriver is properly uninstalled, then restart the computer.

During uninstallation, Windows may warn you that you should close some applications before continuing:

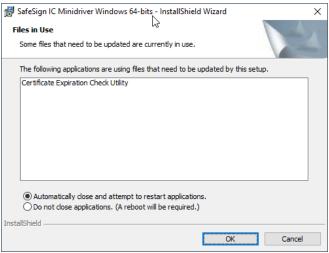


Figure 37: A reboot will be required

- /

Close the applications in the list and click **OK** to continue the de-installation.

Upon clicking **OK**, the setup will try to automatically close the applications. If this is not possible, you will be informed:

SafeSign IC Minidriver Windows 64 bits	×
The setup was unable to automatically close all requested applications. Please ensure that the applications holding files in use are closed before continuing with the installation.	

Figure 38: Setup was unable to automatically close all requested applications

Click **OK** to continue the de-installation and reboot when finished.