

Smartcard

SMARTCARD INSTALLATION GUIDE Part One – Installing the Smartcard Reader

This document in three parts provides instructions to install your Smartcard Reader, software and public keys onto your local PC. For further guidance please visit <u>www.lawscot.org.uk/smartcard</u>

Getting Started

This step-by-step guide assumes that you are **a user with administrative privileges to install software** onto your computer.

How to check if you have admin privileges: Go to **START** and select **CONTROL PANEL**, then select **USER ACCOUNTS**, then **MANAGE USER ACCOUNTS** and check which **GROUP** you are in. (If you have an IT support person or department, you may wish to contact them before proceeding.)

Equipment - Reader

Before you can use a Smartcard, you must install a Smartcard reader on your host computer. The Smartcard reader, provided by the Law Society of Scotland, is compatible with Microsoft[®] Windows[®] and Apple[®] operating systems. Installation is achieved by a plug and play compliant device upon detection by your host computer. The Smartcard reader provided is a high-performance reader for desktop use with a standing base in a robust housing – remove the Smartcard reader from the box and attach the base. Other card-readers are available, however, we recommend you use the device supplied by the Law Society of Scotland that has been tested and will be supported during its lifetime.



Smartcard reader with desktop base fitted



Insert Smartcard face-forward, with the gold chip inserted into the slot on the top pf the reader. Your photographic image will be shown on the top right as ou view the reader face on.

Equipment – supported Operating Systems

The Law Society of Scotland Smartcard will only support computer devices with the following minimum specification:

	Web Browser			
Operating system	Internet Explorer	Firefox	Chrome	Safari
Windows XP [®]	ОК	ОК	ОК	
Windows Vista [®]	ОК	ОК	ОК	
Windows 7 [®] (32-bit & 64-bit)	ОК	ОК	ОК	
Windows 8 [®] (32-bit & 64-bit)	ОК	ОК	OK	
Windows 10 [®] (32-bit & 64-bit)	ОК	ОК	ОК	
Mac OS [®]		OK		Not supported

Installing the Smartcard Reader - automatically

To connect the Smartcard reader

- 1. Shut down and turn off your computer
- 2. Attach the reader to an available USB port
- 3. Turn on your machine and log on as a user with the ability to install applications (admin privileges)
- 4. Ensure your computer is connected to the internet

Installing the device driver

The reader is plug-and-play and will install all necessary drivers for use on its own.

The Smartcard reader is designed to be user-friendly and install necessary drivers by itself. If the Smartcard reader has been detected and installed properly, the LED illuminates. (green light on left-hand side display) Your Smartcard reader is now ready for use.

However, if you are using a host computer that does not have a plug and play feature (plugging in the reader does not prompt the computer to install the appropriate driver), you must install the driver manually.

Installing the Smartcard Reader - manually

Installing the Smartcard reader manually requires to you to download the driver from the manufacturer's website <u>https://www.hidglobal.com/drivers</u> and install the software on your computer.

To connect the Smartcard reader

- 1. Shut down and turn off your computer
- 2. Attach the reader to an available USB port
- 3. Turn on your machine and log on as a user with the ability to install applications (admin privileges)
- 4. Ensure your computer is connected to the internet

Installing the device driver

- 1. Select the link above or cut & paste into a web browser
- 2. Enter the following details into the search filter options:

Brand: Omnikey

Product: Onmikey 3121 USB Card Reader

OS: Enter the operating system of your computer.

If you are unsure of your Computer operating system, please check your system information:

Windows: Go to **START** and select **CONTROL PANEL**, then select **SYSTEM** – your computer's Operating System will be displayed on the "Edition" tab.

Apple: From the Apple (**•**) menu, choose **About This Mac**. Click the Version number underneath where the window says "**OS X**". The **About This Mac** window then displays your OS X version number in place of the version number.

		Login	About Us	Search Site	۵)	Language
The Trusted Source for Secure Identity Solutions	Industries	Solutions	Products	Partners	Support &	Services
Use the dropdown menus below to find the drivers and downloads you wa You can also search by product or keyword. OMNIKEY 3121 USB Card Reader Reset All Drivers OMNIKEY 512X, 532X, 1021, 3X21, 6121 PCSC FOR LIN ifdokccid_linux_i686-v4.2.8.tar.gz - 417.77 KB Note: This is a BETA driver for evaluation only and has not been f PCSC driver for OMNIKEY 1021, 3x21, 6121,512x, 532x v4.2.8 Rele 2016-06-08 Requirements: Linux i686, eglibc-2.11.3, libusb-1.0.8	All OSs Linux Linux x64 MacOS X Win 2000/XP Win 2003 Serv Win 2003 Serv Win 2003 Serv Win 0203 Serv Win 0203 Serv Win 0203 Serv Windows 10 64 Windows 2000 Windows 10 64 Windows 2000 Windows 2000 Windows 2000 Windows 2000 Windows 2000 Windows 2000 Windows 8.1 x0 Windows 8.1 x0	er er x64 2-Bit 1-Bit 32 54 54 54 54 54 54 54 54 54 54 54 54 54				
OMNIKEY 512X, 532X, 1021, 3X21, 6121 PCSC FOR LIN ifdokccid_linux_x86_64-v4.2.8.tar.gz - 428.13 KB Note: This is a BETA driver for evaluation only and has not been for PCSC driver for OMNIKEY 1021, 3x21, 6121, 512x, 532x v4.2.8 Rel 2016-06-08 Requirements: Linux x86_64, eglibc-2.11.3, libusb-1.0.	NUX X86_64 ully qualified. lease date: .8	08 Jun 2016 Linux x64 Dow Dire	/NLOAD CT LINK			
OMNIKEY 5X2X, XX21 PCSC FOR MAC OS X		08 Jun 2016				

3. **Double-click** the relevant driver (usually named "self-extracting archive") in the upcoming list to **download** the driver and **install** as per your operating system instructions.

SMARTCARD INSTALLATION GUIDE Part Two – Installing and using the Smartcard Manager

This document in three parts provides instructions to install your Smartcard Reader, software and public keys onto your local PC. For further guidance please visit <u>www.lawscot.org.uk/smartcard</u>

Getting Started

This step-by-step guide assumes that you are **a user with administrative privileges to install software** onto your computer.

How to check if you have admin privileges: Go to **START** and select **CONTROL PANEL**, then select **USER ACCOUNTS**, then **MANAGE USER ACCOUNTS** and check which **GROUP** you are in. (If you have an IT support person or department, you may wish to contact them before proceeding.)

Installing Smartcard Manager application

Once the Smartcard reader has been successfully installed, the next step is to install the manager application & drivers. The Smartcard Manager Application is a small utility that allows you to interrogate and maintain the Smartcard. The application is not required for general usage, but used in the event that passcodes need changing or confirmation of digital signatures. This tool will enable full maintenance of the Smartcard and allow such functionality as:

- Changing PIN & PUK codes
- Unlocking PIN
- Importing certificates
- View card information

The manager application, listed in the table below, is a small utility application that is compatible with Microsoft[®] Windows[®] and Apple[®] operating systems. The application can be downloaded from the Law Society's website:

Application	Application purpose	Application Installation File Location
Card Manager	card maintenance	Microsoft [®] http://www.lawscot.org.uk/media/9259/SmartcardWindows.zip
		Apple [®] <u>http://www.lawscot.org.uk/media/9260/SmartcardMac.zip</u>

To install the Smartcard manager application

1. Click the **link** above and **open the file** (select the appropriate link for all Windows or Apple operating systems)

2. Run the software to Install (Please allow the BIT4ID application to be installed, if prompted)

- 3. Select a language English
- 4. Follow the on-screen instructions, and then click Next
- 5. Click I Agree to the License Agreement

6. Software will install, and then click **Finish** to complete the installation. If requested to reboot your computer, select **reboot now**. Failure to complete this step can result in the application not being correctly installed

7. The application is installed and will be available from the operating system programme menu

	Installation Screenshots
Step/ instruction	Image
Step 1 - download	Windows Internet Explorer Image: Comparison of the second sec
Step 2 – double-click to start installation	AppData > Local > Microsoft > Windows > Temporary Internet Files > Content.IE5 > L49WUZ10 > SmartcardWindows es Image: Size internet Files > Compressed size internet Files > Compr
Step 3 – select language	Installer Language S3 Please select a language. English OK



Step 6 – reboot the computer to finish the installation	Universal Middleware 1.3.6.5 Setup Installing Please wait while Universal Middleware 1.3.6.5 is being installed. Created uninstaller: C:\Program Files (x86)\Bit4id\Universal Middleware\uninst.exe Universal Middleware 1.3.6.5 Setup Universal Middleware 1.3.6.5 Setup A system reboot is required to complete the installation. Do you want to restart now? Ves No Created uninstaller: C:\Program Files (x86)\Bit4id\Universal Middleware\uninst.exe Ves No Install System v1.0 < Back Close Cancel
The Smartcard Manager will be visible in the programme list. You can also create a shortcut on the screen.	Bit4id - Smart Card Manager Dc Bit4id - Smart Card Manager
The user interface of the Smartcard Manager allows several functions to be carried out.	File Import Export Export Export Export Change PIN Unlock PIN Change PUK Certificate View Register certificates PUK status PUK status <td< th=""></td<>

Using the Smartcard Manager

The Smartcard Manager Application is a small utility that allows the Smartcard holder to interrogate and maintain their Smartcard. The application is not required for general usage, but used in the event that passcodes need changed, confirmation of digital signature information and a test that the Smartcard Reader is working correctly.

Function/ Feature	Description	Functionality Screenshot	
Application	Launch program from program menu, desktop or ribbon	Bit4id - Smart Card Manager	Bit4id - Smart Card Manager
Main Screen	Accessing all functions and	BIT4ID Card Manager	
features from the main	File		
	screen	Tokens	Login
			Refresh
			Import
			Export
			Reset device
			Change PIN
			Unlock PIN
		Field Value	Change PUK
		Description DSD	Certificate View
		Serial number 6278401912337104 Manufacturer Bit4id	Register certificates
		Model DS2048 (LB) PIN status PIN is OK	Information
	PUK status PUK is OK Total memory 65536 Free memory N/A	Å id	
		Displays information about the software and middleware use	www.bit4id.com

Accessing ManagerBefore you can use any offunctionsthe functions of your		BIT4ID Card Manager			
	Smartcard manager, you	💷 Tokens	Login		
	need to log in by entering	SD [OMNIKEY AG Smart Card Reader USB 0]	Refresh		
	your PIN. This serves as a		Import		
	security feature to ensure no		Export		
	vour Smartcard.		Reset davise		
	,				
	PIN				
	Field	K Cancel			
	Deso Seria				
		Manufacturer Bit4id Model DS2048 (LB)	Register certificates		
		PIN status PIN is OK	Information		
		Total memory 65536 Free memory N/A	Åid		
	Open/close a PKCS11 session with the selected token	www.bit4id.com			
Once you have logged in, a					
	Once you have logged in, all	BIT4ID Card Manager			
	Once you have logged in, all information stored on the card will become visible	BIT4ID Card Manager File			
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Image: Tokens Im			
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Image: Tokens Im	Logout Refresh		
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Image: Tokens Im	Logout Refresh Import		
	Once you have logged in, all information stored on the card will become visible.	EIT4ID Card Manager File Tokens SDSD [OMNIKEY AG Smart Card Reader USB 0] Image: Structure of the structure of	Logout Refresh Import Export		
	Once you have logged in, all information stored on the card will become visible.	File File SDSD [OMNIKEY AG Smart Card Reader USB 0] GUSer certificates CA certificates CA certificates	Logout Refresh Import Export Reset device		
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Tokens DSD [OMNIKEY AG Smart Card Reader USB 0] User certificates Image: State S	Logout Refresh Import Export Reset device Change PIN		
	Once you have logged in, all information stored on the card will become visible.	File	Logout Refresh Import Export Reset device Change PIN Unlock PIN		
	Once you have logged in, all information stored on the card will become visible.	Field Value	Logout Refresh Import Export Reset device Change PIN Unlock PIN Change PUK		
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Tokens DSD [OMNIKEY AG Smart Card Reader USB 0] Image: Comparison of the state of the	Logout Refresh Import Export Reset device Change PIN Unlock PIN Change PUK Certificate View		
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Image: Tokens Image: DSD [OMNIKEY AG Smart Card Reader USB 0] Image: User certificates Image: User certert certificates Image: User ce	Logout Refresh Import Export Reset device Change PIN Unlock PIN Change PUK Certificate View Register certificates		
	Once you have logged in, all information stored on the card will become visible.	BIT4ID Card Manager File Tokens DSD [OMNIKEY AG Smart Card Reader USB 0] Image: Comparison of the system of the sys	Logout Refresh Import Export Reset device Change PIN Unlock PIN Unlock PIN Change PUK Certificate View Register certificates Information		
	Once you have logged in, all information stored on the card will become visible.	File Image: Tokens Image: DSD [OMNIKEY AG Smart Card Reader USB 0] Image: User certificates Image: User certi	Logout Refresh Import Export Export Change PIN Unlock PIN Change PUK Certificate View Register certificates Information		
	Once you have logged in, all information stored on the card will become visible.	File Image: Tokens Image: DSD [OMNIKEY AG Smart Card Reader USB 0] Image: Discretificates	Logo Refre Impo Expo Reset d Change Change Change Change Change Inform		

Change PIN	Function for changing the	BIT4ID Card Manager
	Smartcard PIN	File
		I Tokens
	DSD [OMNIKEY AG Smart Card Reader USB 0]	
		PIN Status PIN is OK
		Max lenght: 8
		Field Repeat new PIN
		Description View
		Manufacturer ficates
		PIN status PIN is OK Information
		PUK status PUK is OK Total memory 65536
		Free memory N/A
		www.bit4id.com
Change PUK	Function for changing the Smartcard PUK	BIT4ID Card Manager File Tokens User certificates User certificates Import CA certificates Change PUK
		Old PUK
		PUK Status PUK is OK nge PIN
		New PUK Dck PIN
		Field Max lenght: 8
		Description Repeat new PUK cate View
		Manufacturer Model OK Cancel
		PIN status PUK status PUK is UK
		Total memory 65536 Free memory N/A
		www.bit4id.com
		Change the device PUK

Unlock PIN	Function for using the	BIT4ID Card Manager	3
	Smartcard's PUK to unblock	File	
	a forgotten or compromised	Logout	
	PIN	OSD [OMNIKEY AG Smart Card Reader USB 0] Oser certificates Refresh	
		And Berger. / 70003685B (Op.) Import	Ĩ.
			ñ
		PLIK L	ñ
		PUK Status PUK is OK nge PIN	ñ
		New PIN Dck PIN	ñ
		Min lenght: 4	ñ
		Field Max lenght: 8 Cate View Cate View	ĩ
		Serial number	ñ
		Model OK Cancel mation	ĩ
		PUK status PUK status Total memory 65536 Free memory N/A www.bit4id.com	
Refresh Import Export Register certificates	Functions for adding/removing digital certificates onto your Smartcard. These functions will not apply.		

Certificate View	Feature for viewing the list of digital certificates on the Smartcard	Certificate General Details Certification Path Image: Certificate is intended for the following purpose(s): Ensures the identity of a remote computer Proves your identity to a remote computer Ensures software came from software publisher Protects software from alteration after publication Protects e-mail messages Allows data to be signed with the current time Issued to: JANA BERGER . / 70003685B (Op.) Issued by: ACA - Certificados Corporativos - 2014 Valid from 29/ 07/ 2015 to 29/ 07/ 2017 Install Certificate Issuer Statement Learn more about Eertificates OK
Information	Feature showing the version of the Smartcard Manager Application installed	Information

SMARTCARD INSTALLATION GUIDE Part Three – Installing the Certificates

This document in three parts provides instructions to install your Smartcard Reader, software and public keys onto your local PC. For further guidance please visit <u>www.lawscot.org.uk/smartcard</u>

Getting Started

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Installing Public Keys

Public keys are required to ensure that the certificates reaching our computers have been correctly issued by the certification authority. The Smartcard certificate authority is Abogacía Certification Authority (ACA, operated by RedAbogacía) in Spain.

ACA is a member of the 'Microsoft Windows root certificate program' and further details can be found on the Microsoft website <u>http://social.technet.microsoft.com/wiki/contents/articles/31634.microsoft-trusted-root-certificate-program-participants-v-2016-april.aspx</u>

As such public these public keys can come pre-installed in Windows based systems. However, it might be necessary to install these keys manually.

As yet, ACA is not on the list of trusted root certificates that come pre-installed with Apple Operating Systems. Therefore, the Public Keys will have to be installed manually if you use a Mac.

In the event that your local computer does not have the public keys installed, you will need to complete the following steps:

Step 1: To install the Smartcard Trusted Root Certificate Authority

Follow the steps below to install the Smartcard root certificate key – please note the screenshot may vary slightly depending on the version of Windows your local computer is using.

Installation Screenshots				
Step/ instruction	Image			
STEP 1 – Download and Open the following zip file ACA Root Certificates onto your local computer:	Download URI https://www.l certificates.zip	 aws 0	cot.org.uk/media/11417	55/ACA-root-
 STEP 2 – Open the folder and install the contained certificates in order: 1) ACA Root Certificate 2) ACA_ROOT 				
STEP 3 – Start with "ACA Root Certificate"			Onon	
			Install Certificate	
Right click on the file and select the option "install certificate" to open the "certificate			7-Zip	
import wizard" and follow the steps below		•	Scan with Webroot	
			Send to	
			Cut Copy	
			Create shortcut	
			Delete Rename	
			Properties	
STED 4 - Cortificate Import Wizard				
Click Next to continue	Certificate Import Wiz	ard	Welcome to the Certifica Wizard This wizard helps you copy certificates, lists, and certificate revocation lists fror certificate store. A certificate, which is issued by a certifi a confirmation of your identity and cont used to protect data or to establish sec connections. A certificate store is the sy certificates are kept. To continue, dick Next.	te Import certificate trust n your disk to a cation authority, is ains information ure network ystem area where
			< <u>B</u> ack Next	Cancel

STEP 5 - Select the option "Place all certificates in the following store" and click browse	Certificate Import Wizard Certificate Store Certificate stores are system areas where certificates are kept. Windows can automatically select a certificate store, or you can specify a location for the certificate. Automatically select the certificate store based on the type of certificate Place all certificates in the following store Certificate store: Browse Learn more about certificate stores Stack
STEP 6 - Select "Trusted Root Certification Authorities" and click OK	Select Certificate Store Select the certificate store you want to use. Personal Personal Trusted Root Certification Authorities Enterprise Trust Intermediate Certification Authorities Trusted Publishers Show physical stores OK Cancel
STEP 7 – Click Next	
	Certificate Import Wizard Certificate Store Certificate stores are system areas where certificates are kept. Windows can automatically select a certificate store, or you can specify a location for the certificate. Automatically select the certificate store based on the type of certificate Blace all certificates in the following store Certificate store: Trusted Root Certification Authorities Browse

STEP 8 - Click Finish	Certificate Import Wizard		
	Completing the Certificate Import Wizard The certificate will be imported after you click Finish. To uhave specified the following settings: Certificate Store Selected by User Content Certificate Content Certificate Image: Content Certificate Content Certificate Certificate Content Certificate Certificate Content Certificate Certificate Content Certificate Content Certificate Content Certificate Content Certificate Content Certificate Content Certificate Content Certificate Content Certificat		
STEP 9 - Click OK to confirm successful import of certificate	Certificate Import Wizard		
	ОК		
STEP 10 -			
Repeat Steps 3 to 9 for "ACA _ROOT"			

Step 2: To install the Smartcard Intermediate Certification Authority

Follow the steps below to install the Smartcard intermediate key – please note the screenshot may vary slightly depending on the version of Windows your local computer is using.

Installation Screenshots			
Step/ instruction	Image		
STEP 1 – Download and Open the following	Download URL –		
file ACA Root Certificates All onto your local	https://www.lawscot.org.uk/media/1141755/ACA-root-		
computer.	certificates.zip		

STEP 2 – Open the folder and install the					
contained certificates in order:					
3) ACA Trusted 2014					
STEP 3 – Start with "ACA Trusted 2014"			Open		
Right click on the file and select the option			Install Certificate		
			7-Zip		
Install Certificate to open the "certificate			Open with		
import wizard" and follow the steps below					
		w	Scan with Webroot		
			Send to		
			Cut		
			Сору		
			Create shortcut		
			Delete		
			Rename		
			Rename		
			Properties		
STED 4 Cortificato Import Wizard					
Click Next to continue	Certificate Import Wizard				
	Welcome to the Certificate Import				
			Welcome to the Certificat	eimport	
			Wizard	emport	
			Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store.	ertificate trust your disk to a	
	Ş		Welcome to the Certificate Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate, which is issued by a certificate	ertificate trust your disk to a	
			Welcome to the Certificate Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu	ertificate trust your disk to a ation authority, is ins information re network	
			Welcome to the Certificate Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys certificates are kept.	ertificate trust your disk to a ation authority, is ins information re network item area where	
			Welcome to the Certificate Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificate a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network item area where	
			Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys- certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is information re network item area where	
			Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network tem area where	
			Welcome to the Certificate Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys certificates are kept. To continue, dick Next.	ertificate trust your disk to a ation authority, is ins information re network item area where	
			Wizard Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network item area where	
			Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secur connections. A certificate store is the syster certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network tem area where	
			Wilcome to the Certificate Wilcome to the Certificate lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secu connections. A certificate store is the sys certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network item area where	
			Wizard This wizard helps you copy certificates, or iset and certificate revocation lists from certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secur connections. A certificate store is the sys- certificates are kept. To continue, dick Next.	ertificate trust your disk to a ation authority, is ins information re network item area where	
			Wilcome to the Certificate Wilcome to the Certificate lists, and certificate revocation lists from certificate store. A certificate store. A certificate store. A certificate store is sued by a certificate a confirmation of your identity and conta used to protect data or to establish secur connections. A certificate store is the system certificates are kept. To continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network tem area where	
			Wizard This wizard helps you copy certificates, c lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificat a confirmation of your identity and conta used to protect data or to establish secur connections. A certificate store is the syster certificates are kept. To continue, click Next. Continue, click Next. Continue, click Next. Continue, click Next. Continue, click Next.	ertificate trust your disk to a ation authority, is ins information re network tem area where	
			Wilcome to the Certificate, of lists, and certificate revocation lists from certificate store. A certificate store. A certificate, which is issued by a certificate a confirmation of your identity and conta used to protect data or to establish secur connections. A certificate store is the system of the certificate store is the certificate store is the system of the certificate store is the system of the certificate store is the system of the certificate store is the certificate store is the system of the certificate stor	ertificate trust your disk to a ation authority, is ins information re network stem area where	

STEP 5 - Click Next	Certificate Import Wizard
	Certificate Store
	Cel uncate stores are system areas where tel uncates are kept.
	Windows can automatically select a certificate store, or you can specify a location for the certificate.
	Automatically select the certificate store based on the type of certificate
	Place all certificates in the following store
	Browse
	Learn more about certificate stores
	< Back Next > Cancel
STEP 6 - Click Finish	
	Certificate Import Wizard
	Completing the Certificate Import
	Wizard
	The de uncate will be imported at de you click minsh.
	You have specified the following settings: Certificate Store Selected Automatically determined by t
	Content Certificate
	< <u> </u>
	< Back Finish Cancel
STEP 7 - Click OK to confirm successful	
import of certificate	Castificate Inneret Winnerd
	The import was successful.
	Ŭ
	OK
STEP 8 – Repeat steps 3 to 7 for "ACA_CA2"	

Troubleshooting

The following table provides a guide to the most common issues that members have experienced when initially setting up their Smartcard reader, Manager Software and subsequent usage of their digital signature. Please read all issues & solutions and check our webpage for the latest guides, FAQs and information relating to your Smartcard – <u>www.lawscot.org.uk/smartcard</u>

Troubleshooting		
Issue	Solutions	
Card Manager not installing	Check to ensure you do not have a previous version installed, if so remove old version before re-installing to the latest version.	
	Confirm you have administrative rights to install software onto your PC, if not please contact your IT support provider/ department.	
	Check to ensure your computer is connected to the Internet, the device will automatically download the drivers.	
Card Manager application not opening	Check to ensure a Smartcard reader is connected to the computer. The application will not run without it.	