

# **Exporting a Digital Certificate**

Design Manual Chapter 21 Automation Tools Instructions Originally Issued: 07-17-18

If your certificate is not showing up in either the XML signing utility or MicroStation, you will need to export it from Internet Explorer. Open Internet Explorer. Click on the Setting gear in the top right corner and select **Internet Options**.



Select the **Content** menu and *Click* **Certificates** button.

Internet Options	? ×	
General Security Privacy Content Connections Programs	Advanced	
Certificates		
Use certificates for encrypted connections and identif	ication.	
Clear SSL state Certificates Publish	ers	
AutoComplete		
AutoComplete stores previous entries on webpages and suggests matches for you.	gs	
Feeds and Web Slices		
Feeds and Web Slices provide updated Settings content from websites that can be read in Internet Explorer and other programs.		
OK Cancel	Apply	

Select the Identrust ACES certificate and *Click* Export.

Certificates			
Intended purpose: <a></a>			
Personal Other People Intermediate Certification Authorities Trusted Root Certification			
Issued To	Issued By	Expiratio	Friendly Name
Thomas M Har	nski 💦 IdenTrust ACES CA 1	9/27/2017	<none></none>
Import	xport Remove		Advanced
Certificate intended purposes			
Client Authenticatio	n, Secure Email, Any Purpose		
			View
Learn more about ce	rtificates		Close
			Close

#### Click Next.



Select Yes, export the private key. Click Next.

Certificate Export Wizard		
Export Private Key You can choose to export the private key with the certificate.		
Private keys are password protected. If you want to export the private key with the certificate, you must type a password on a later page.		
Do you want to export the private key with the certificate?		
Yes, export the private key		
No, do not export the private key		
Learn more about <u>exporting private keys</u>		
< Back Next > Cancel		

Select **Personal Information Exchange** (Leave all the options blank.) and *Click* **Next**. Leave all the options blank.

Certificate Export Wizard		
Export File Format Certificates can be exported in a variety of file formats.		
Select the format you want to use:		
DER encoded binary X.509 (.CER)		
Base-64 encoded X.509 (.CER)		
<ul> <li>Cryptographic Message Syntax Standard - PKCS #7 Certificates (.P7B)</li> </ul>		
Include all certificates in the certification path if possible		
Personal Information Exchange - PKCS #12 (.PFX)		
Include all certificates in the certification path if possible		
Delete the private key if the export is successful		
Export all extended properties		
<ul> <li>Microsoft Serialized Certificate Store (.SST)</li> </ul>		
Learn more about <u>certificate file formats</u>		
< Back Next > Cancel		

Enter your password of the certificate to protect the primary key. *Click* **Next**.

Certificate Export Wizard			
Password			
To maintain security, you must protect the private key by using a password.			
Type and confirm a password.			
Password:			
•••••			
Type and confirm password (mandatory):			
••••••			
< Back Next > Cancel			

Click Browse to select a path to save the certificate to.

Certificate Export Wizard	x
File to Export Specify the name of the file you want to export	
File name:	7
< Back Next > Car	ncel

#### Select a file name and *Click* **Save**.

Save As		
🚱 🗢 🗣 Versonnel 🕨 ThomasHamski 🕨 Out 🕨 📼 😽	Search Out	٩
Organize 🔻 New folder	:==	• 🔞
Ibbraries   Documents   Music   Pictures   Videos   Videos   Local Disk (C:)   thamski (\\ntdfs)   u (\\dot.int.lan\a	Date modified 5/17/2016 1:51 PM 5/17/2016 1:52 PM	Type File folder File folder
atscore (\\dot.int		4
File name:       Thomas_Hamski_ACES         Save as type:       Personal Information Exchange (*.pfx)		
Hide Folders	Save	ancel

### Review and Click Finish.

Certificate Export Wizard		×
	Completing the Certificate Exp Wizard	port
	You have successfully completed the Certificate wizard.	Export
5	You have specified the following settings:	
	File Name	W:\Higl
	Export Keys	Yes
	Include all certificates in the certification path	No
	File Format	Personi
	<	4
	< Back Finish	Cancel

You will be prompted for your password for the Key. Type in your password and *Click* OK.

Exporting your private exchange key		
	An application is requestir	ng access to a Protected item.
	Password for: CryptoAPI Private Key	Remember password
	ОК	Cancel Details

The dialog box below will appear. The digital certificate has now been exported to a standalone file that can be used on other computers to use your digital certificate.



To install the certificate into the computer, double click on the pfx file in Windows Explorer on the computer for which you wish to use the digital certificate.

## **Chronology of Changes to Design Manual Section:**

021M-101 Exporting a Digital Certificate

7/17/2018 NEW New.