



Securities Services

SIX Trade Repository AG

Certificate Installation Quick Guide

May 2017





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Certificate Installation Quick Guide

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1.0 Introduction

1.1 Purpose

This document offers a practical guide for setting up new users for the SIX TR Reporting System. It covers the process for requesting and installing the browser certificate required by users for authentication purposes.

It describes the process for users of Microsoft Internet Explorer but the required steps can be adapted accordingly for other browsers.



The information provided in this document should be read together with the [SIX Reporting System User Guide](#) which explains how users are administered.

1.2 Acronyms

Abbreviation	Meaning
CVI Private Web	Commun Virtual Infrastructure - system creating and administrating SIX authorized certificates
GUI	Web user interface of the Reporting System
Reporting System	The Reporting System is the client-facing part of the system. It accepts data from clients, validates it, and passes it on to the trade repository database.
Trade Repository	The Trade Repository is the core storage for successfully validated reports and is only accessible by regulatory authorities.
SIX TR	The SIX company that will offer the trade repository service
TR	Trade Repository

1.3 Version table

Document version	Release date	Information
V0.6	06 May 2016	Updated certificate owner names with prefix (chapter 2.1), options in certificate management (chapter 2.2) and Updated initial login process (chapter 3.1.)



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2.0 Required credentials and roles

The following credentials are required to log on to the SIX Reporting System:

- User account name
- Password
- Digital certificate

SIX will initially setup one or multiple client user administrators as defined during the onboarding process. Afterwards the user administration will be in the sole responsibility of the client.

2.1 Differentiation of certificate user names

The member test environment and production contain the same client organization structure but different data sets with different data classification. User accounts have to be set up independently for each environment and each require their own certificate for user authentication. Certificate-ownernames are differentiated with a prefix:

SDTR Reporting – Member Test certificate owner name = “dtrmbt_username”
SDTR Reporting – Production certificate owner name = “dtrprd_username”

The user name to access the SDTR application remains the same (username = e-mail)

2.2 Optional Setup using Client Certificate Authority

SIX TR AG clients who wish to use a certificate from their own Certification Authority (client CA) will have a different setup. User account name is the e-mail address without PREFIX.

Such users can pass over the steps described in the following chapter 3.0 except step 3.1.1. Creation of a new user account followed by e-mail 3.1.1. b) with application role access credentials (user name and password)

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3.0 Requesting and installing the digital certificate

The diagram below shows the stages required to activate system access for a new user:

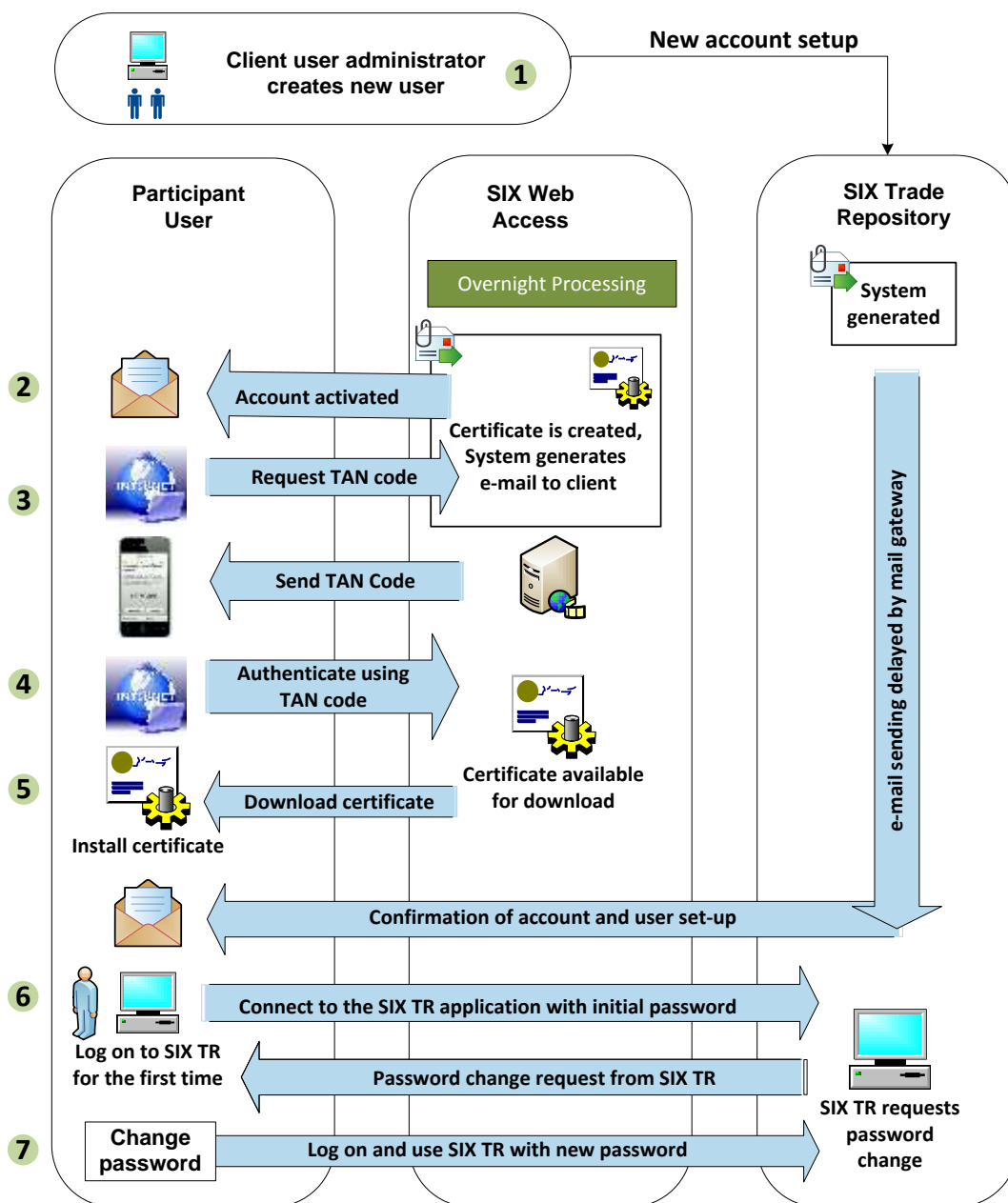


Figure 1: New account setup (step 1) with certificate download / installation (steps 2-7)



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3.1 Step-by-step instructions for new users

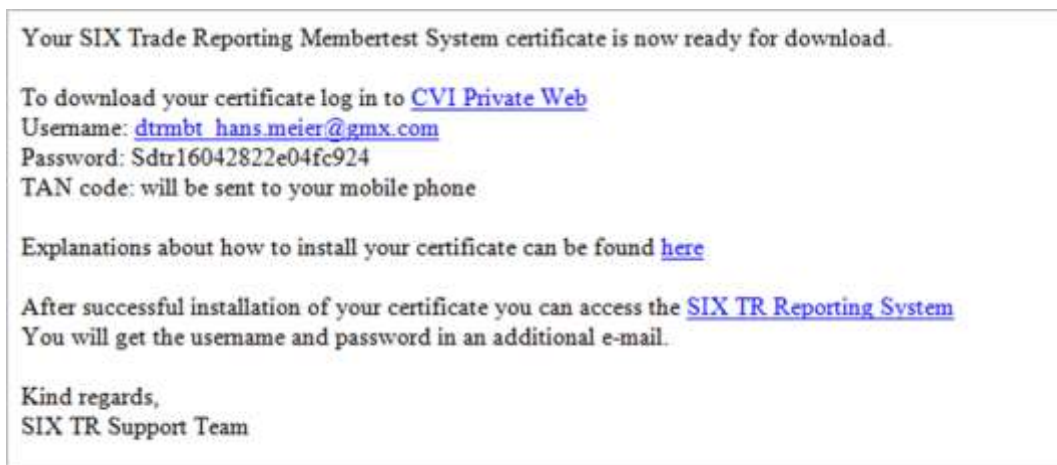
1. The administrator creates a new user account as described in the [SIX Reporting System User Guide](#).

i Please ensure that the mobile phone number is entered without spaces in your user profile by your administrator (e.g. +41797907979). This mobile number will be used for sending the required TAN code for the download of the certificate.

User Details			
First Name	<input type="text" value="Mark"/>	Last Name	<input type="text" value="Andrews"/>
Email	<input type="text" value="mark.andrews@gmx.ch"/>	Phone Number	<input type="text" value="+41797907979"/>

Two emails will automatically be generated and sent to the user in an overnight process:

- a. A first email invites you to log in into the CVI Private Web to download your certificate.



- b. The application sends an email with the initial user login details to access the SIX Reporting System and confirms the account setup.
2. Follow the instruction of the email from CVI Private Web: **Log in to the SIX CVI Private Web** with your user ID and password as provided in the email. Ensure case sensitive spelling with upper and lower case letters.

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SIX Integration
Swiss Exchange

10 Dezember 2015 - 17:30:58

Mobile Code Anmeldung (SMS)

Bitte geben Sie Ihre persönlichen Zugangsdaten ein.

Benutzer-ID

Passwort

Falls Sie Fragen oder Probleme haben, wenden Sie sich bitte an Ihren Benutzer-Support.

3. A TAN code is sent to your mobile phone and the userpage is displayed. Ignore any error messages. Type in your TAN code and click **Send**.

SIX Integration
Swiss Exchange

10 Dezember 2015 - 17:32:29

Mobile Code Anmeldung (SMS)

In den nächsten Sekunden erhalten Sie weitere Informationen per SMS!

Geben Sie bitte jetzt den erhaltenen Mobile Code ein

Mobiler Code

Falls Sie Fragen oder Probleme haben, wenden Sie sich bitte an Ihren Benutzer-Support!

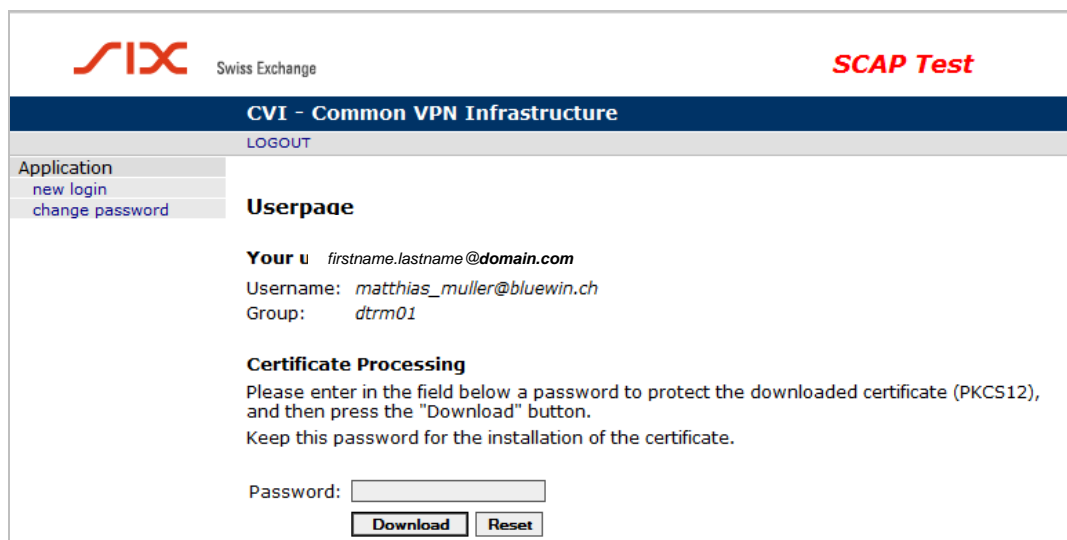
4. Define a password / private key to protect the downloaded certificate.



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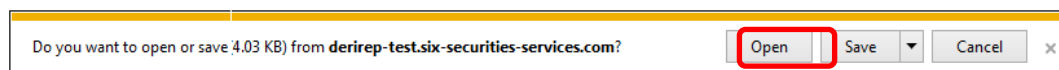
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i Write your password / private key down. You will require it again during the installation process.



5. Download certificate

- In the **File Download** dialog box, click **Open**. If there is a security warning, click **Allow** to continue.



- The **Certificate Import Wizard** starts. Click **Next** to continue.

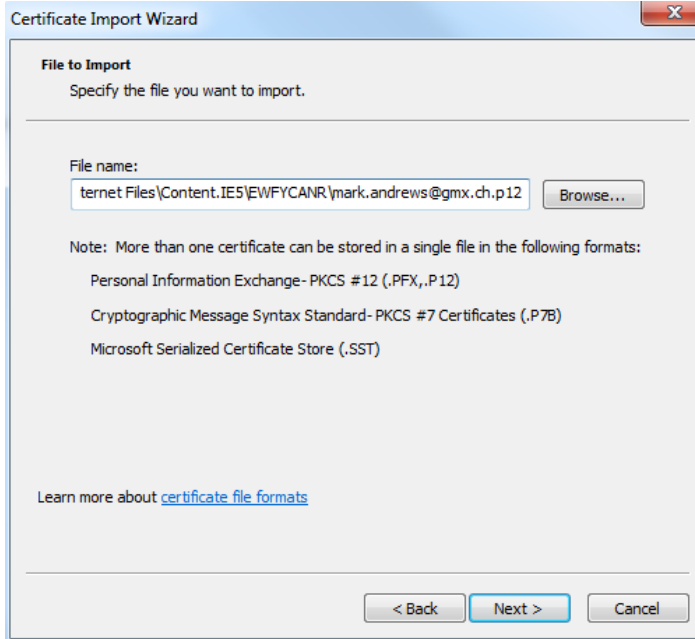


- The file name is automatically filled in. Click **Next** to continue.



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Certificate Import Wizard

File to Import
Specify the file you want to import.

File name:
ternet Files\Content.IE5\EWFYCANR\mark.andrews@gmx.ch.p12

Note: More than one certificate can be stored in a single file in the following formats:
Personal Information Exchange - PKCS #12 (.PFX, .P12)
Cryptographic Message Syntax Standard - PKCS #7 Certificates (.P7B)
Microsoft Serialized Certificate Store (.SST)

[Learn more about certificate file formats](#)

- Enter the password / private key that you defined in the previous step.



Certificate Import Wizard

Password
To maintain security, the private key was protected with a password.

Type the password for the private key.

Password:
●●●●●●

Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.

Mark this key as exportable. This will allow you to back up or transport your keys at a later time.

Include all extended properties.

[Learn more about protecting private keys](#)

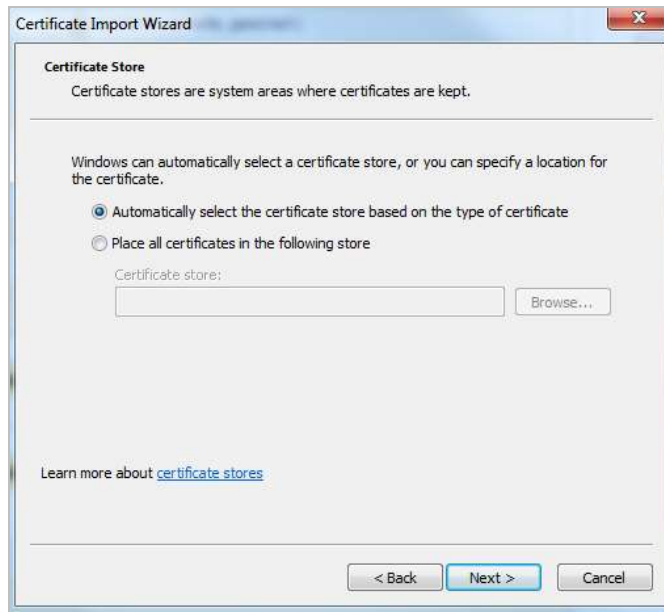


We recommend to uncheck “Enable strong private key protection”, otherwise you will be prompted for the private key every time you log in to the SIX Reporting System.

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- Select the certificate store. The option "**Automatically select the certificate store**" is recommended. Click **Next** to continue.



- The Wizard shows the details of the imported certificate. Click **Finish** to complete the import.



- A dialog box confirms that the certificate import was successful. Click **OK** to close the dialog box.

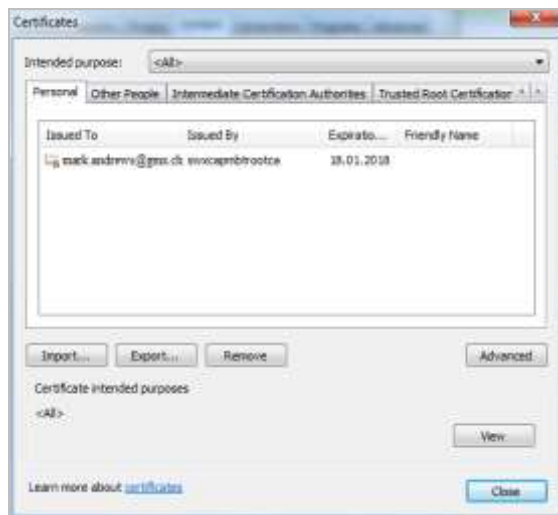
6. Verify that your certificate has been successfully installed (optional).

c. On the **Tools** menu in Internet Explorer, click **Internet Options**.

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- d. Click the **Content** tab and then **Certificates**. In the **Personal** tab, the imported digital certificate is listed.



7. With the initial password that has been sent to you in a separate e-mail, you can now log on to the Reporting System.

Environment	URL
Test	https://derirep-test.six-securities-services.com/reporting
Production	Not yet available

4.0 Contact

For technical questions, please contact our Member Test Service Desk. The Service Desk can be reached via email to derirep-testsupport@six-group.com.

Should you require further information of a general nature, please contact your Relationship Manager.

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