



User Manual

MOVE/SHARE A SOFIE INSTALLATION

v0.91

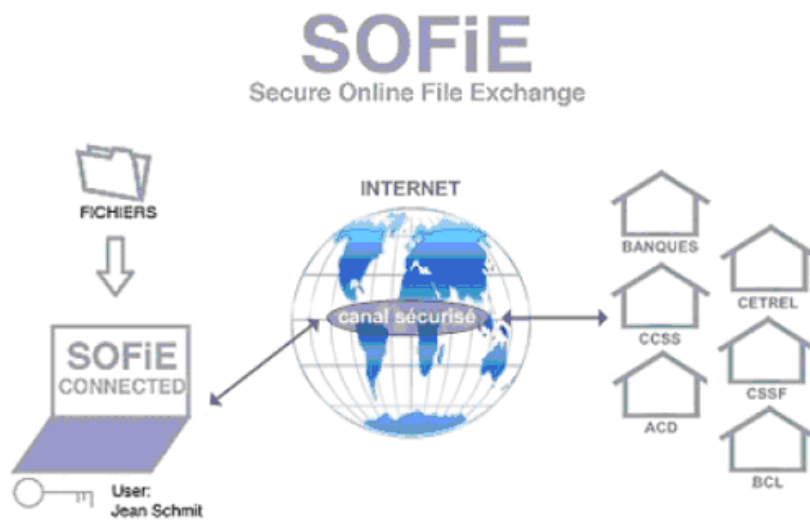




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1. INTRODUCTION

1.1 Document purpose

This document describes how to move your profile to a shared folder and how to share it between several installations.

2. CONTEXT

SOFiE can be divided in 2 components: the SOFiE **Application** and the SOFiE **Profile**. The Profile is a critical component; it contains the user configuration, certificates and data exchanged. By default SOFiE installs locally and propose to install the Profile on the local workstation drive (default C:\cetrel\sografie).

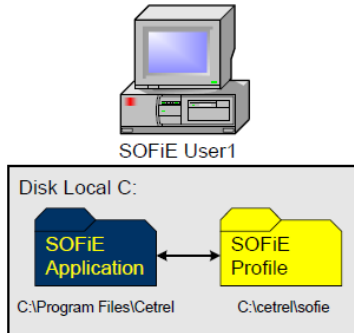


Figure 1 : profile installed locally

This document first explains how to move the SOFiE Profile to a shared location. Furthermore, it explains how to set up a multi-user shared environment, as depicted in the following picture:

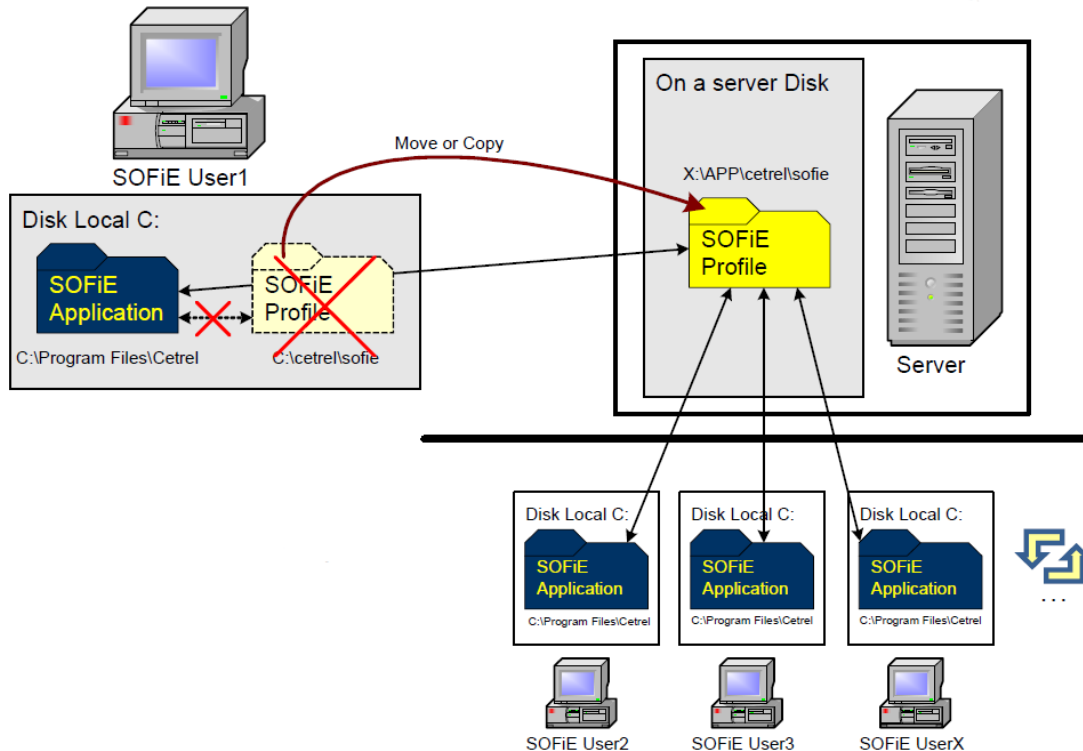


Figure 2 : profile installed remotely and shared between users

Remark:

If your profile is already located on a shared folder, you can start reading the document from chapter 4 .

3. INSTALL ON A SHARED FOLDER

3.1 New installation and/or new profile

3.1.1 Preliminary remark

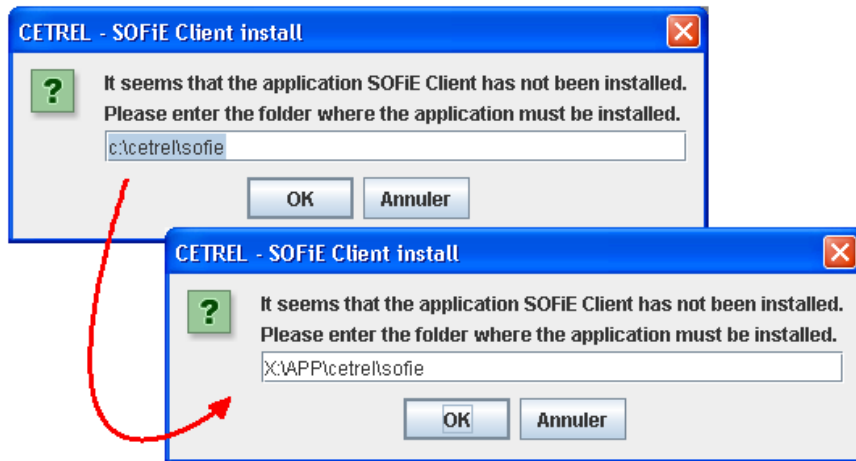
We consider SOFiE has just been installed or re-installed on the local workstation.

3.1.2 Prerequisite

Create or use a directory on a shared drive within you will install the SOFiE Profile. E.g. X:\APP\
The user will need full access to the sub-folder representing the SOFiE Profile.

3.1.3 Procedure¹

At first launch SOFiE will display the following window:



Specify the path (on the network share) where you wish to install the profile and click “OK”. E.g.
X:\APP\cetrel\sofie

Then proceed with profile’s setup – cf SOFiE installation manual.

3.2 Moving a profile

3.2.1 Preliminary remark

We consider that SOFiE is currently being used on a workstation, installed by default, with the Profile directory located locally - we’ll use in the following examples the default *C:\cetrel\sofie* directory as the original profile location and *X:\APP\cetrel\sofie* as the new targeted location.

3.2.2 Prerequisite

¹ This step is optional if you only run SOFiE GUI with the script *run_gui.bat* or *run_gui.ksh* located in Profile directory.

Create or use a directory on a shared drive within you will install the SOFiE Profile. The user will need full access to the sub-folder representing the SOFiE Profile.

3.2.3 Procedure

Copy the profile directory to the targeted shared directory

E.g. copy C:\cetrel to X:\ or X:\APP\

Result is to obtain a path to the new profile directory (e.g. X:\cetrel\sofie, X:\APP\cetrel\sofie).

Backup “X:\APP\cetrel\sofie\properties\communication\communication default http.properties”

Simply perform a copy of the file in the same directory, in the new profile’s location.

Modify config file “X:\APP\cetrel\sofie\properties\clients\9999xxxx.client.properties”

Open this file in the new profile’s location (not in the original location) – use an ascii editor.

Modify all lines containing an absolute path:

E.g.

```
sofie.client.9999xxxx.filesToDecrypt.folder=c:\\cetrel\\sofie\data\99990xxxx\to_decrypt
```

becomes

```
sofie.client.9999xxxx.filesToDecrypt.folder=.\data\99990xxxx\to_decrypt
```

or²

```
sofie.client.9999xxxx.filesToDecrypt.folder=x:\\APP\cetrel\sofie\data\99990xxx\to_decrypt
```

Relative paths don’t need to be modified.

Modify config file “X:\APP\cetrel\sofie\properties\batch\9999xxxx.batch.properties”

Open this file in the new profile’s location (not in the original location) – use an ascii editor.

Modify all lines containing an absolute path. Relative paths don’t need to be modified.

Delete java cookie directory on the local workstation³

The cookie is used by the application to know where the location of the profile directory is. By deleting it, SOFiE will ask the user to define it again during next login.

To delete the cookie, empty the directory C:\Program Files\Cetrel\jre\cache\6.0\muffin\
(If you use a JRE 1.5 installation: C:\Program Files\Cetrel\jre\cache\javaws\muffins\).

Start SOFiE and specify the new profile directory on the first screen + click OK⁴

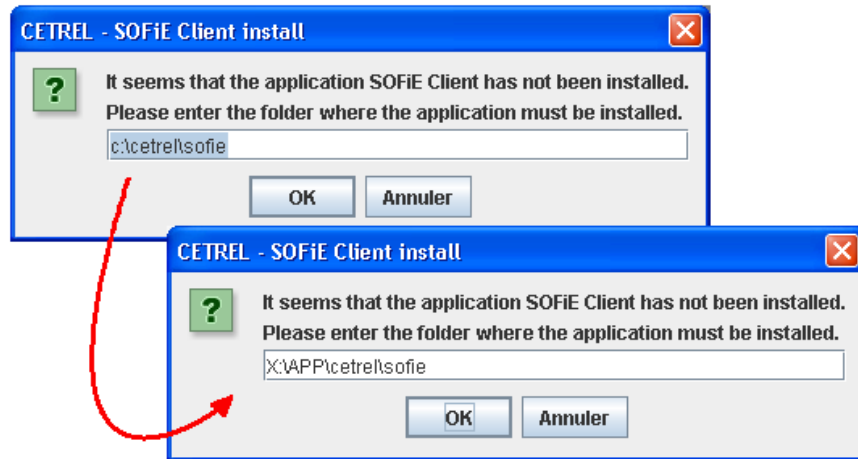
Remark:

If you don’t see the following screen, it means you have not deleted the effective cookie. Please refer to chapter 5 for the others cookie potential locations.

² Using absolute paths is **not** recommended because it is not robust to infrastructure change.

³ This step is not needed if you only run SOFiE GUI with the script *run_gui.bat* or *run_gui.ksh* located in the Profile directory.

⁴ This step is not needed if you only run SOFiE GUI with the script *run_gui.bat* or *run_gui.ksh* located in the Profile directory.



Once in front of the login screen, click Cancel – do not connect yet to SOFiE.

Check “X:\APP\cetrel\sofie\properties\communication\communication default http.properties”

Compare the content of the file with the backup done previously. If a difference exists in the parameter values; restore the backup.

Confirm and verify the change

Start SOFiE, once in front of the login screen open a file explorer and browse to the logs directory of the new profile’s location (X:\APP\cetrel\sofie\logs in our example). A log named “logDailyRoll..log” should have just been written or updated, check if the file modification date corresponds.

Login into SOFiE –Menu Tools => Options => “Settings for the user 99990xxxx”TAB. Check values for all directory location paths.

4. ADD ANOTHER USER / WORKSTATION

4.1 Preliminary remark

We assume that the SOFiE profile is located on a shared drive. We'll continue to use the path X:\APP\cetrel\sofie as example.

4.2 Prerequisite

Ensure that the user (and/or workstation) has full access rights to X:\APP\cetrel\sofie.

4.3 Procedure

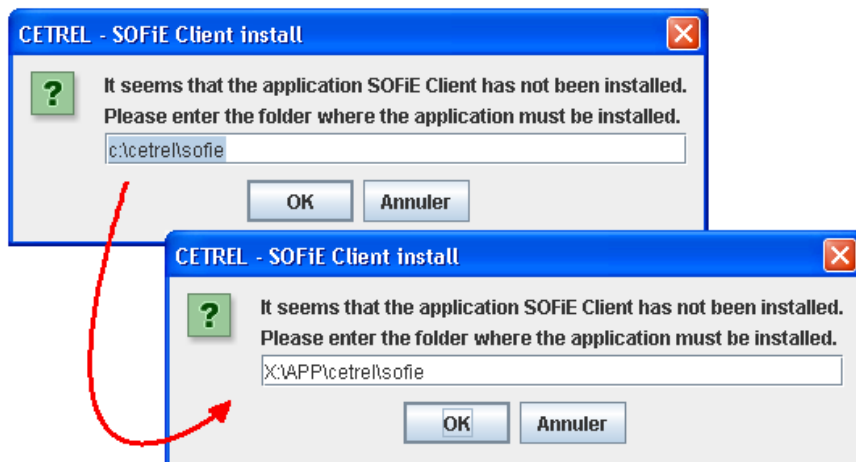
Install SOFiE on the new workstation

Download latest version on www.sofie.lu (section "Installation") and install it locally.

Backup "X:\APP\cetrel\sofie\properties\communication\communication default http.properties"

Simply perform a copy of the file in the same directory.

Start SOFiE and specify the profile directory on the first screen + click OK⁵



Once in front of the login screen, click Cancel.

Check "X:\APP\cetrel\sofie\properties\communication\communication default http.properties"

Compare the content of the file with the backup done previously. If a difference exists in the parameter values; restore the backup.

Log in SOFiE

Start SOFiE, once in front of the login screen open a file explorer and browse to the logs directory of the new profile's location (X:\APP\cetrel\sofie\logs in our example). A log named "logDailyRoll..log" should have just been written or updated, check if the file modification date corresponds.

⁵ This step is optional if you only run SOFiE GUI with the script *run_gui.bat* or *run_gui.ksh* located in the Profile directory.



Login into SOFiE –Menu Tools => Options => “Settings for the user 99990xxxx”TAB. Check values for all directory location paths.

5. RECOMMENDATIONS & TROUBLESHOOTING

1. Do not duplicate or create independent local profile for a SOFiE user. One unique profile has to be shared between the workstations which run SOFiE Multiple profiles can lead to the following issues:
 - Invalid password problems.
 - Unsynchronized password problems.
 - Certificate renewal problems.
 - Random location file reception (if you receive files, first workstation which start to download will get them).
 - Profile integrity may vary with time, bringing multiple kind of problems.

2. Grant sufficient rights on the network share where the SOFiE profile is or will be moved to ensure applying rights (we recommend Full Control) to all sub-files and directories of the SOFiE profile (..\cetrel\sofie*.*)).

3. Be aware that some files sent or received by SOFiE may be highly confidential. Ensure that only users allowed to manipulate these files (usually SOFiE users) are the only ones to access this shared directory.

4. Grant same “outside” (internet) access rights to all workstations in order to allow SOFiE to communicate with Cetrel. This does not apply for “SOFiE SORT Crypt” account which can work offline.

5. If local user doesn’t have local admin rights, grant him Full Rights access to the SOFiE binary directory “C:\Program Files\Cetrel” (default) and its sub-directories. This allows SOFiE to automatically update under user’s session. Running latest version is recommended.

6. Java cookie is used to specify the profile directory location. Sometimes the effective cookie to delete is not located in the default folder but in one of the followings:


```
C:\Documents and Settings\\Application
Data\Sun\Java\Deployment\cache\6.0\muffin

C:\Users\\AppData\Local\Sun\Java\Deployment\cache\6.0\muffin

C:\Users\\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\muffin

C:\Users\\AppData\Local\VirtualStore\ProgramFiles\Cetrel\jre\cache\6
.0\muffin

C:\Users\\AppData\Local\VirtualStore\ProgramFiles\Cetrel\jre\cache\j
avaws\muffins\
```

8. At login, if you receive the message “User unknown – Do you want to create a new profile?”, it means SOFiE do not find its Profile directory (commonly).
 - Check that the UserID typed in the login screen is the correct one (99990xxxx)
 - Check the SOFiE_HOME path value displayed at the bottom of the login screen. If it doesn’t match your profile directory path, it means you haven’t deleted the effective java cookie.
 - Check the rights on the profile directory.
 - Check the content of the profile directory. The following files must be present; otherwise the copy of the profile was not done properly:



```
..\data\99990xxxx\99990xxxx.state  
..\properties\99990xxxx.client.properties
```

6. CONTACTS

6.1 SOFiE Business

- Contract or commercial questions :
 - Phone : (+352) 355 66 444
 - Email : commercial.lux@six-payment-services.com
- Technical questions :
 - Phone : (+352) 355 66 600
 - Email : helpdesk.lux@six-payment-services.com

6.2 SOFiE S.O.R.T (legal reporting)

- Contract or commercial questions :
 - Phone (+352) 355 66 – 600
 - Email : reporting@cetrel-securities.lu
- Technical questions :
 - Phone : (+352) 355 66 600
 - Email : helpdesk.lux@six-payment-services.com