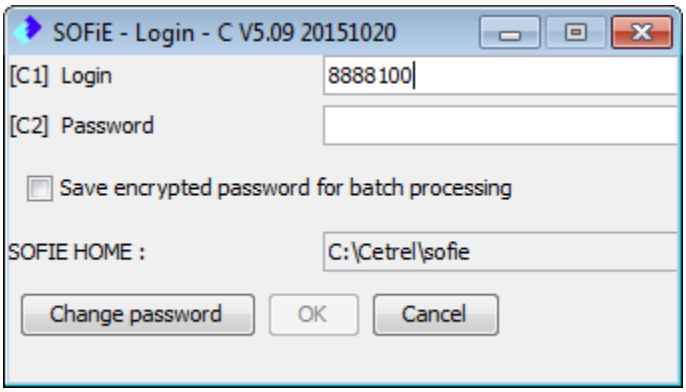
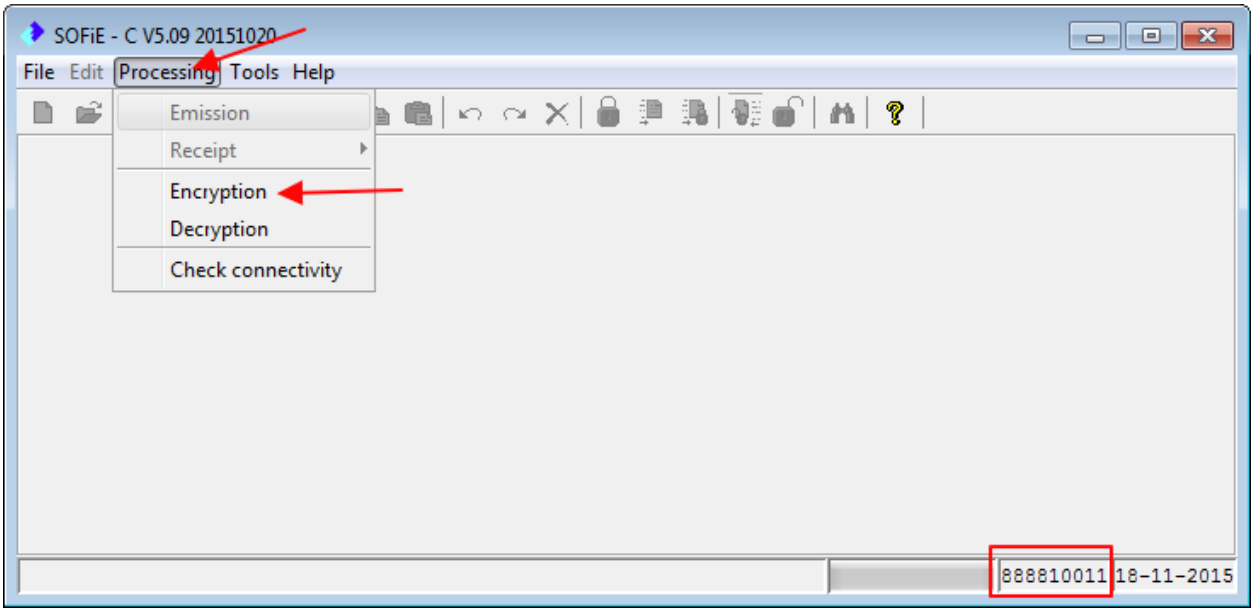
SOFiE-SORT Encryption process with Crypt module

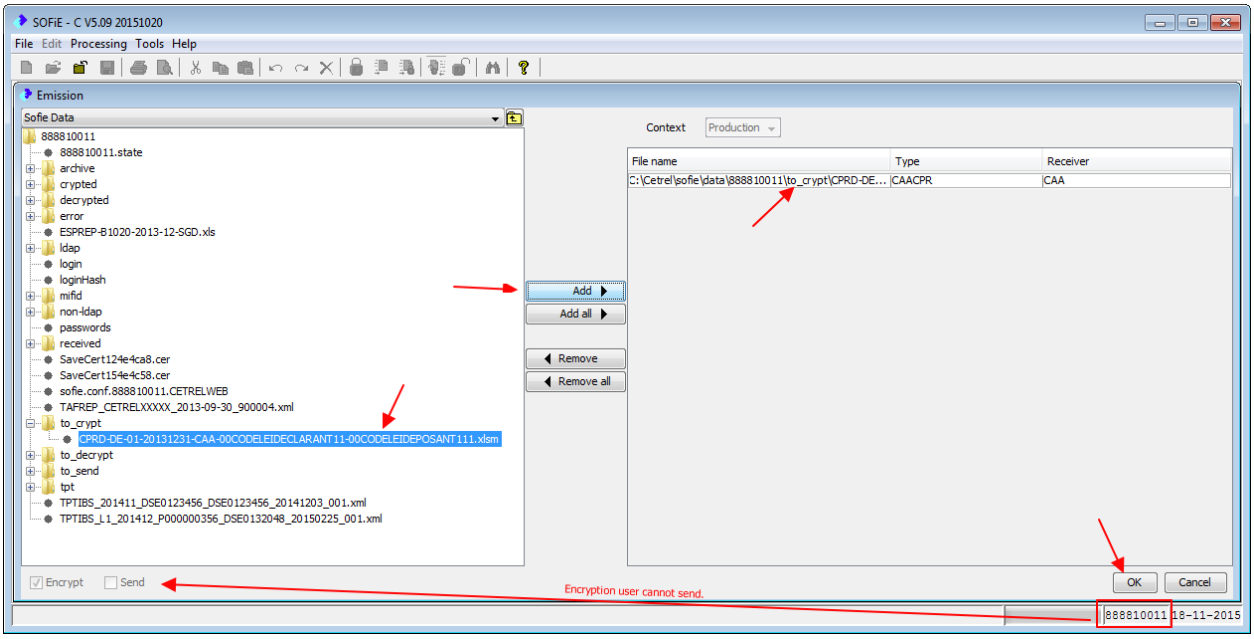
1- Open SOFiE-Encryption user. Usually it's the one that number is smaller. In my example 888810011 is the encryption and 888810012 the transportation. You can check also on your contract subscription.



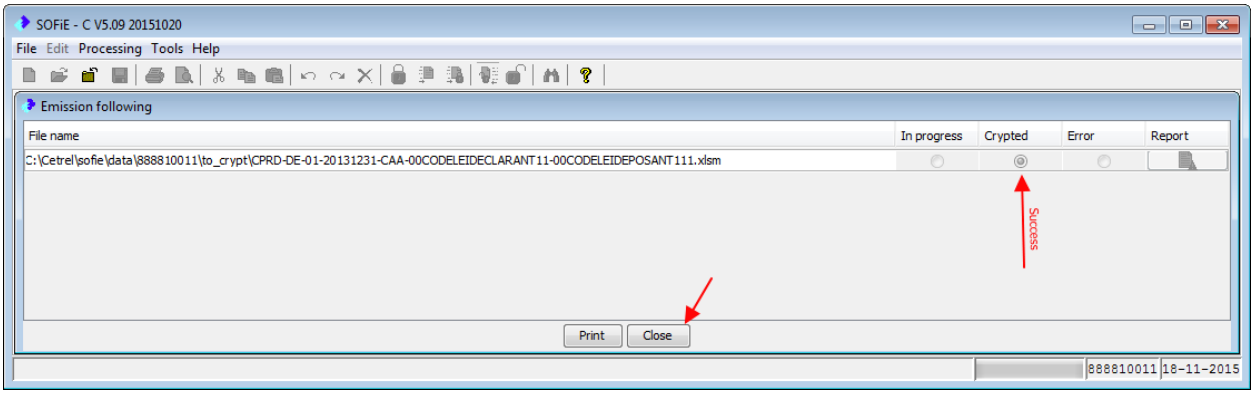
Use processing menu to make an encryption



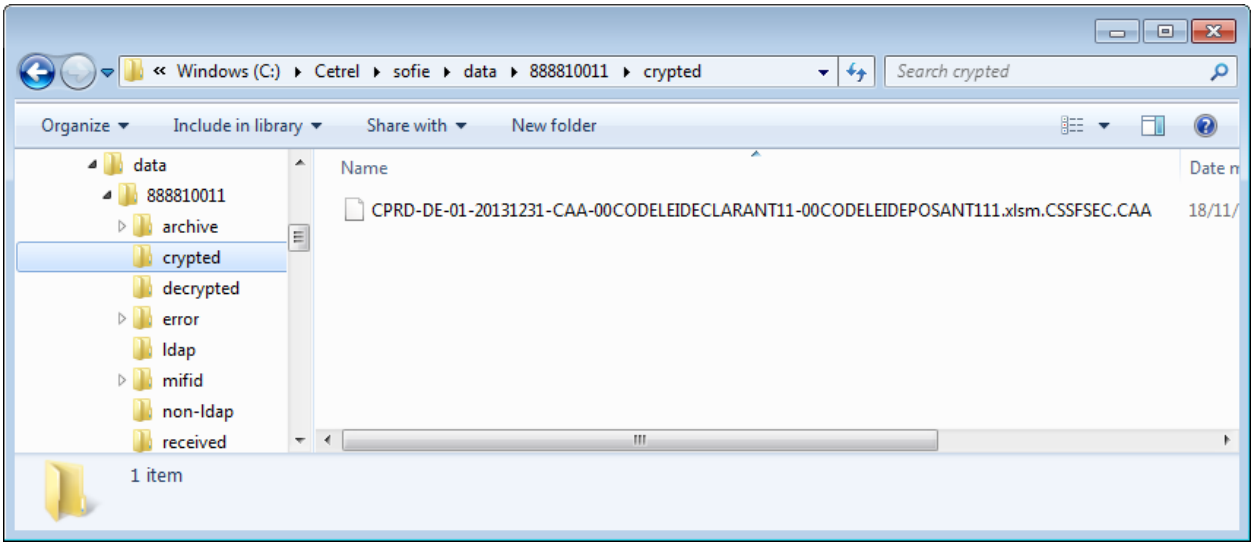
Browse to find the file to crypt. Here it's under SOFIE_HOME\data\888810011\to_crypt



Successfully encrypted, close crypt user. The encrypted file is automatically deposited on encrypted folder (default folder is SOFIE_HOME\data\888810011\crypted)

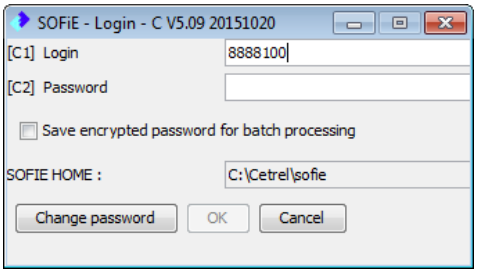


You can check with Windows explorer. File name has automatically changed. Here the file name is CPRD-DE-01-20131231-CAA-00CODELEIDECLARANT11-00CODELEIDEPOSANT111.xlsm.CSSFSEC.CAA

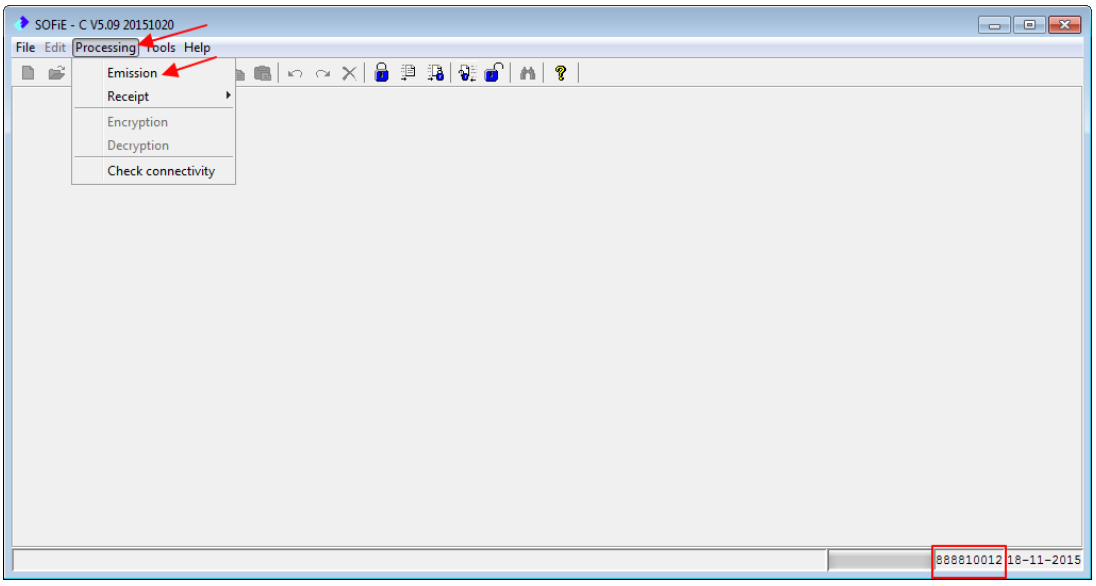


SOFiE-SORT Encryption & send process with Transport module

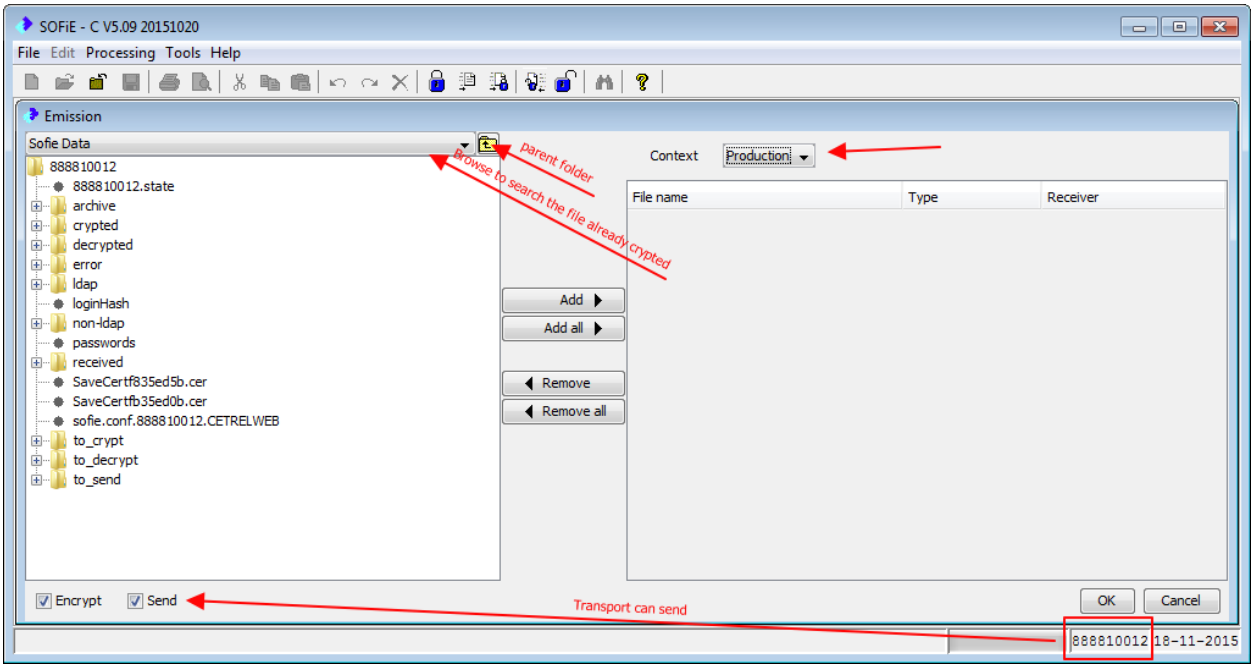
2- Open SOFiE Transport user to process encrypted file done on 1st point.



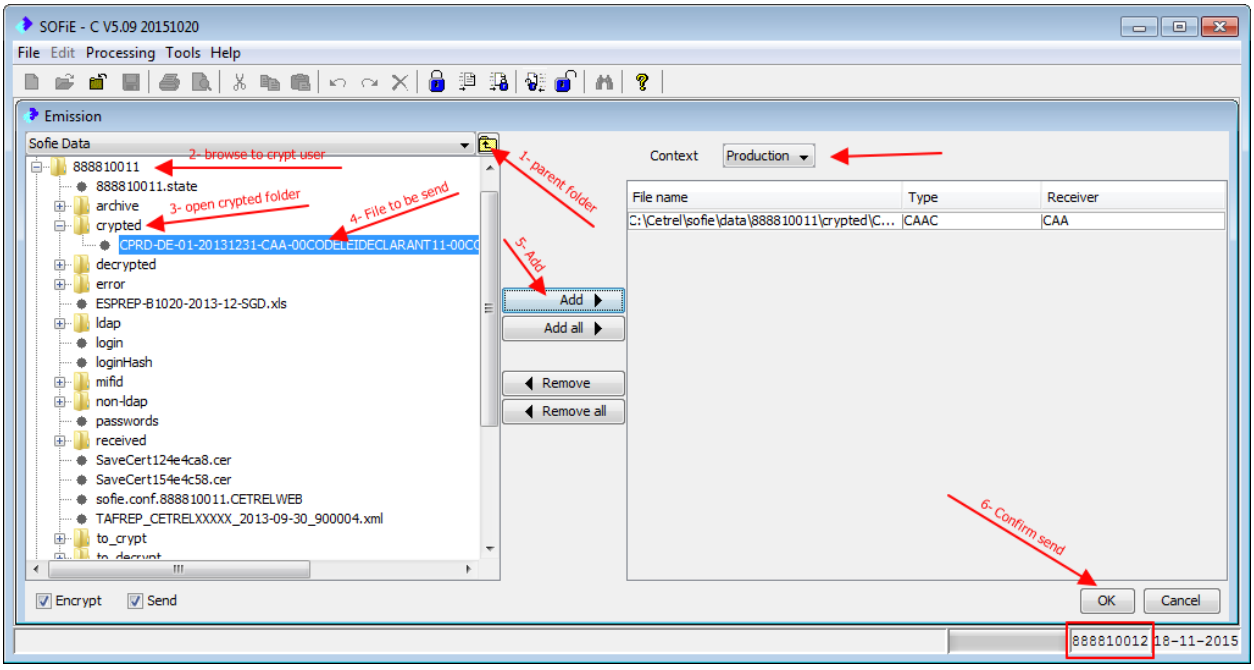
Processing Emission



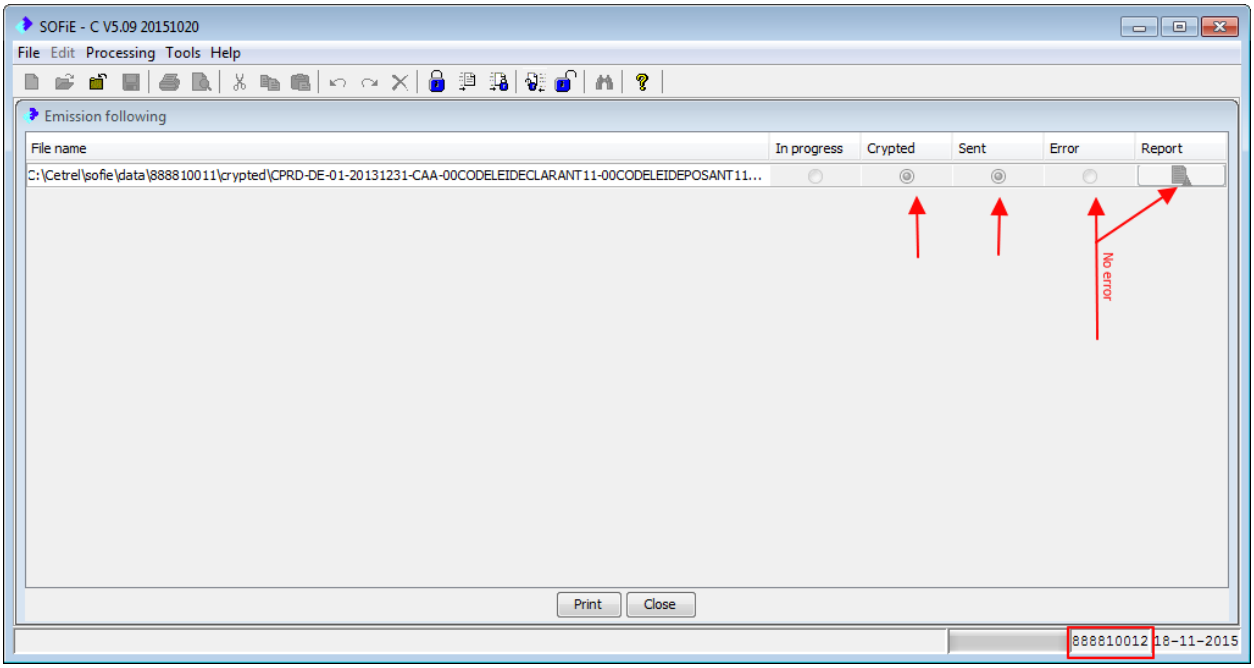
Use SOFiE browser to find the file



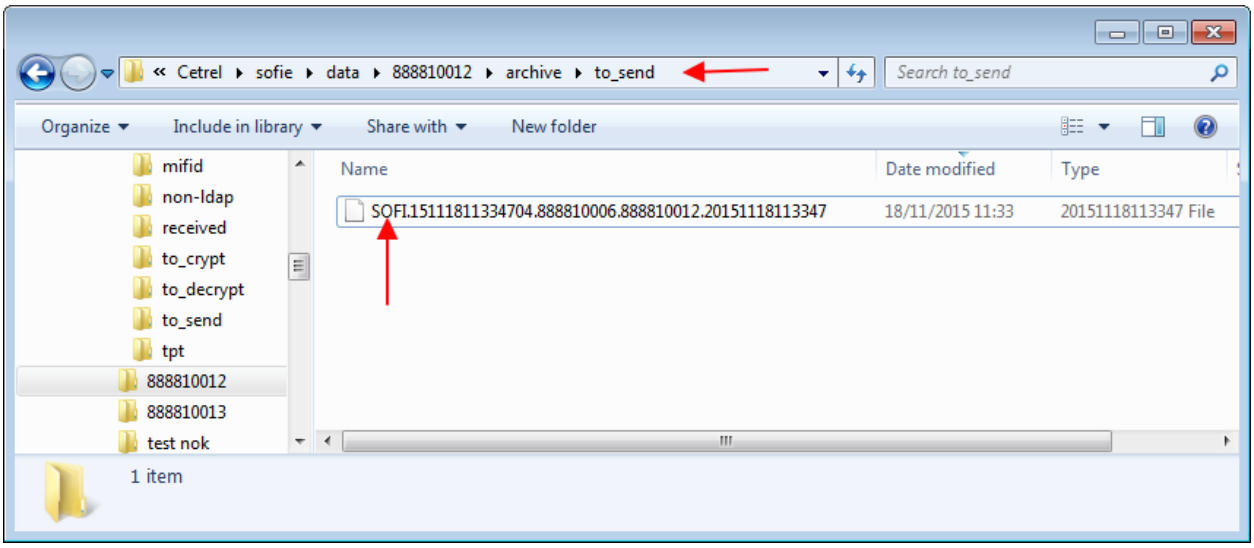
Add the encrypted file (on the 1st point) to encrypt it again and send.



File is successfully sent. In case of error, Report log is available.

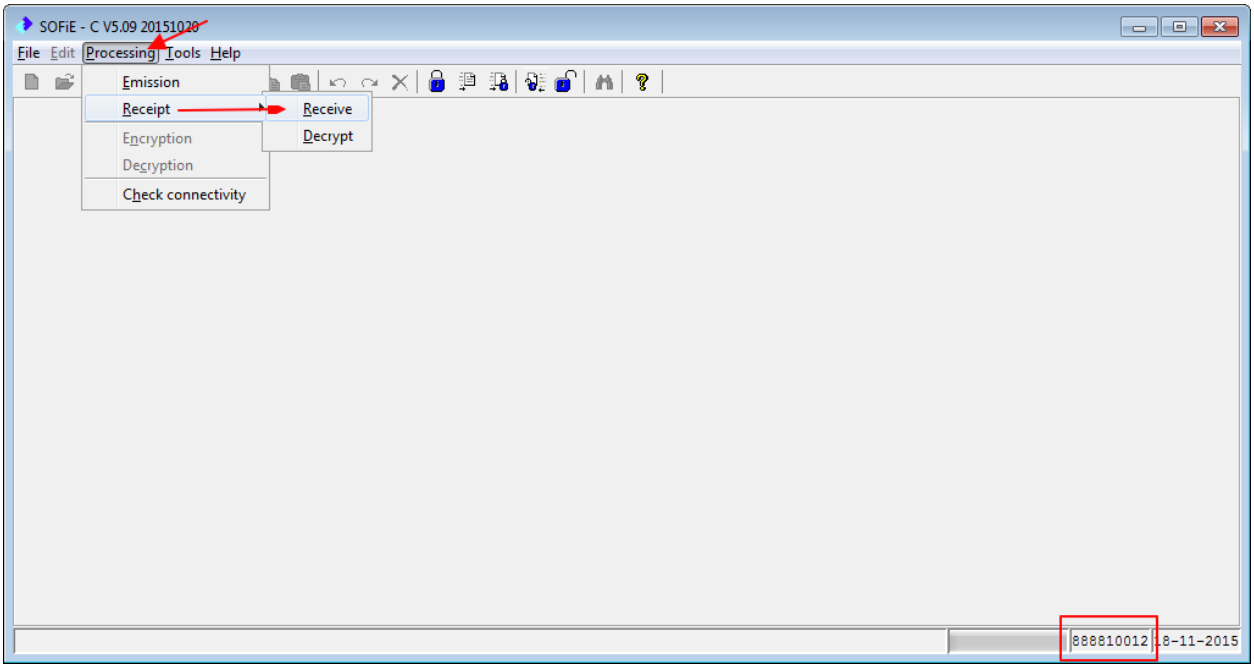


File is automatically renamed within name begins with SOFI and it's deposited on SOFIE_HOME\data\888810012\archive\to_send

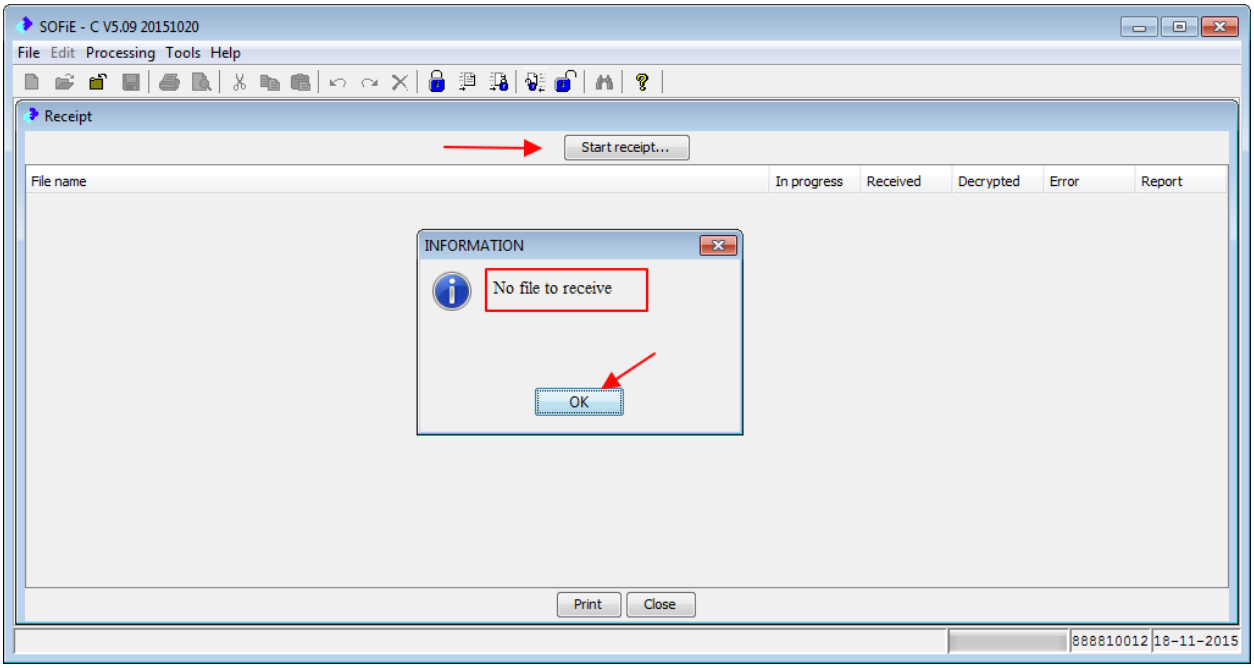


SOFiE-SORT (Automatic) Receive and decrypt process with Transport module

3- Receiving and decrypt a file automatically.

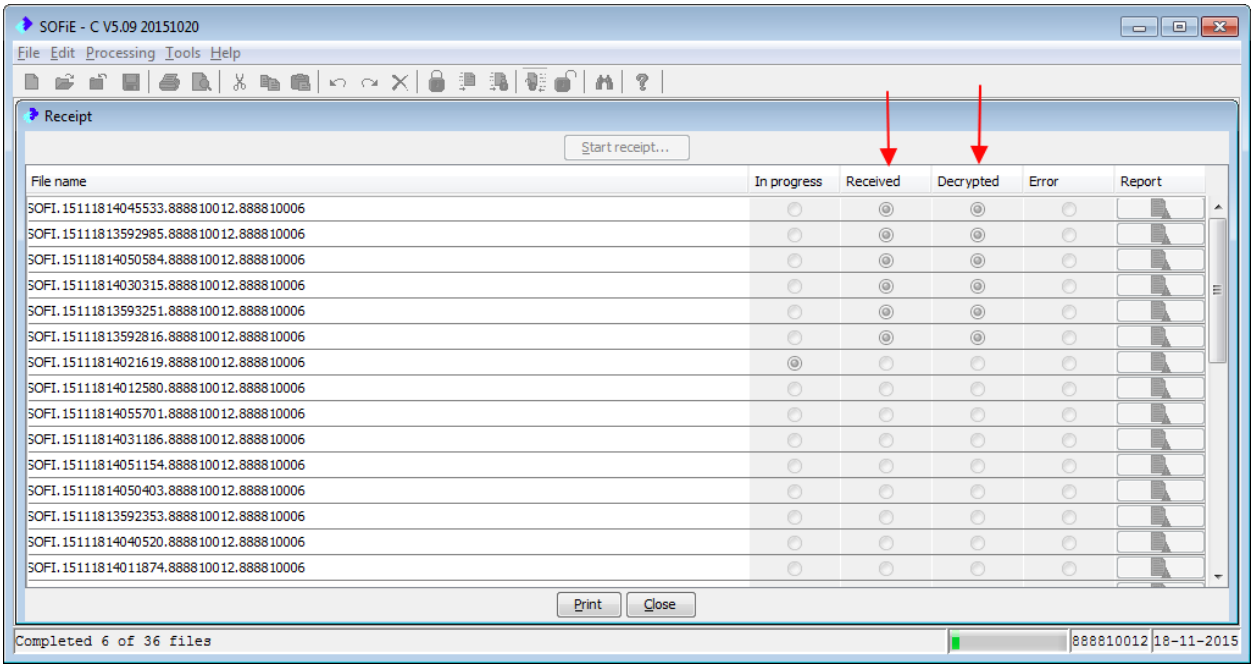


If there is no file to receive on SOFiE server the following screen appears.



In case a file is available, it will be received and automatically decrypted. Default deposit folder is SOFIE_HOME\data\888810012\decrypted\Production

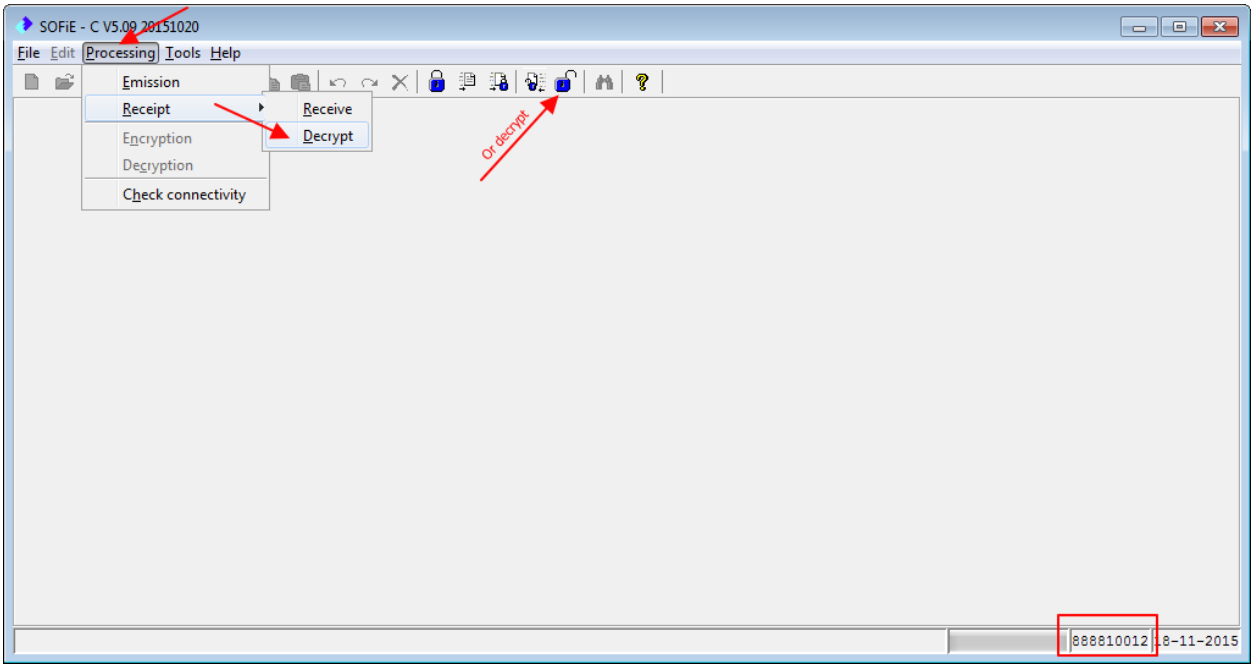
If an error occurs during decryption, the file and its corresponding error log will be deposited on SOFIE_HOME\data\888810012\error\to_decrypt



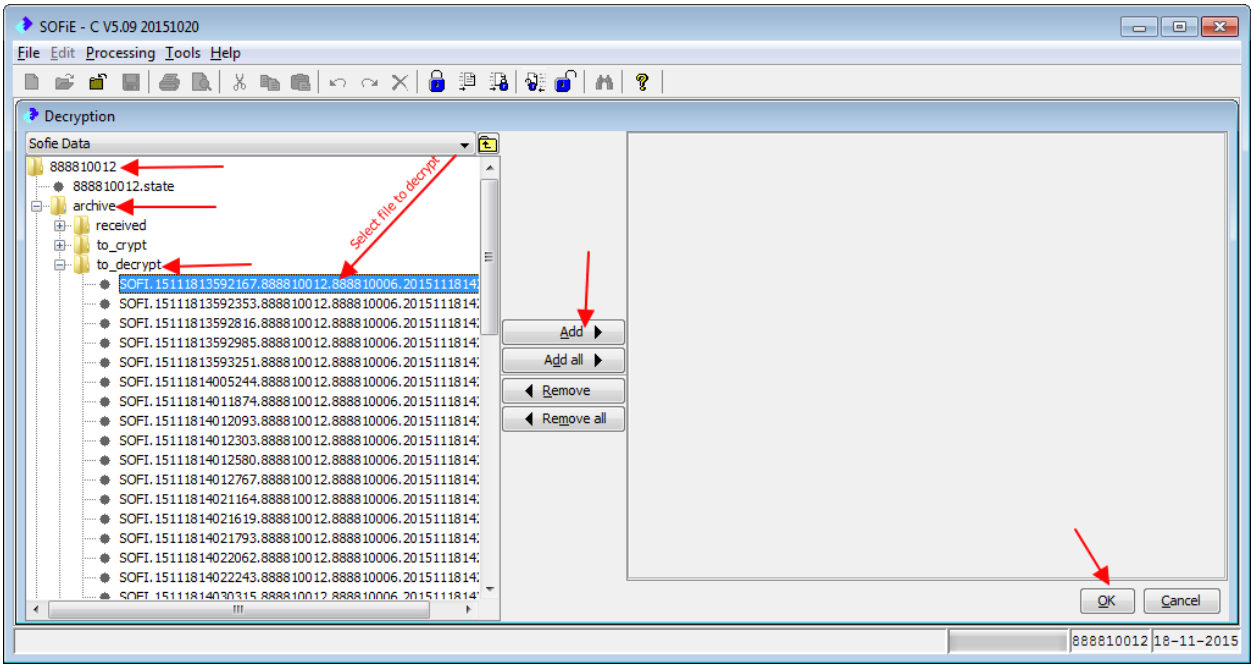
SOFiE-SORT (Manual) decrypt process with Transport module

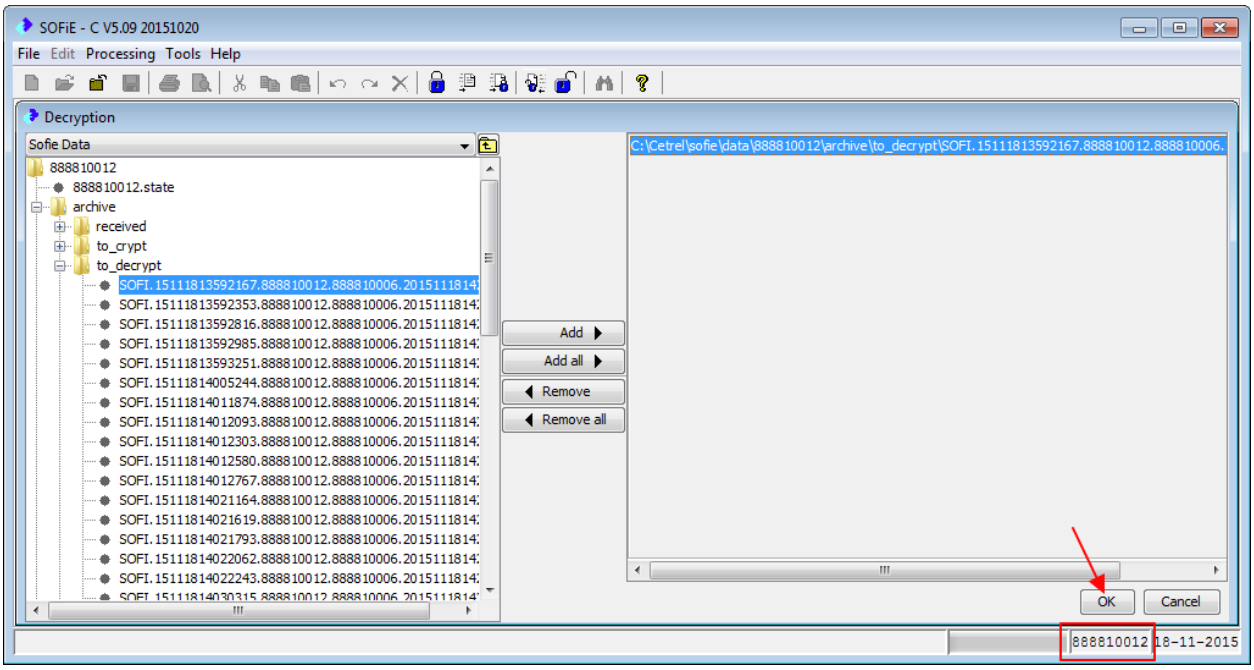
4- Decrypt a file manually

Find the file that has to be decrypted. (ex SOFIE_HOME\data\888810012\archive\to_decrypt)

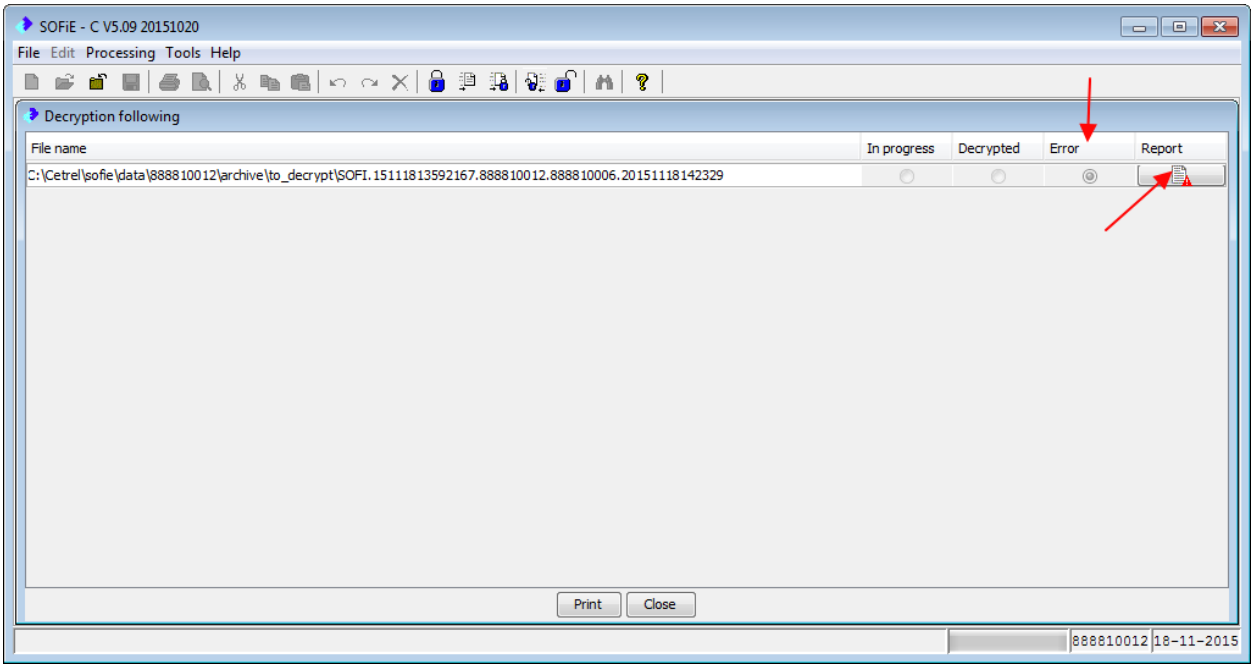


Browse and select the file to decrypt.





In case of error, a reporting log is generated.

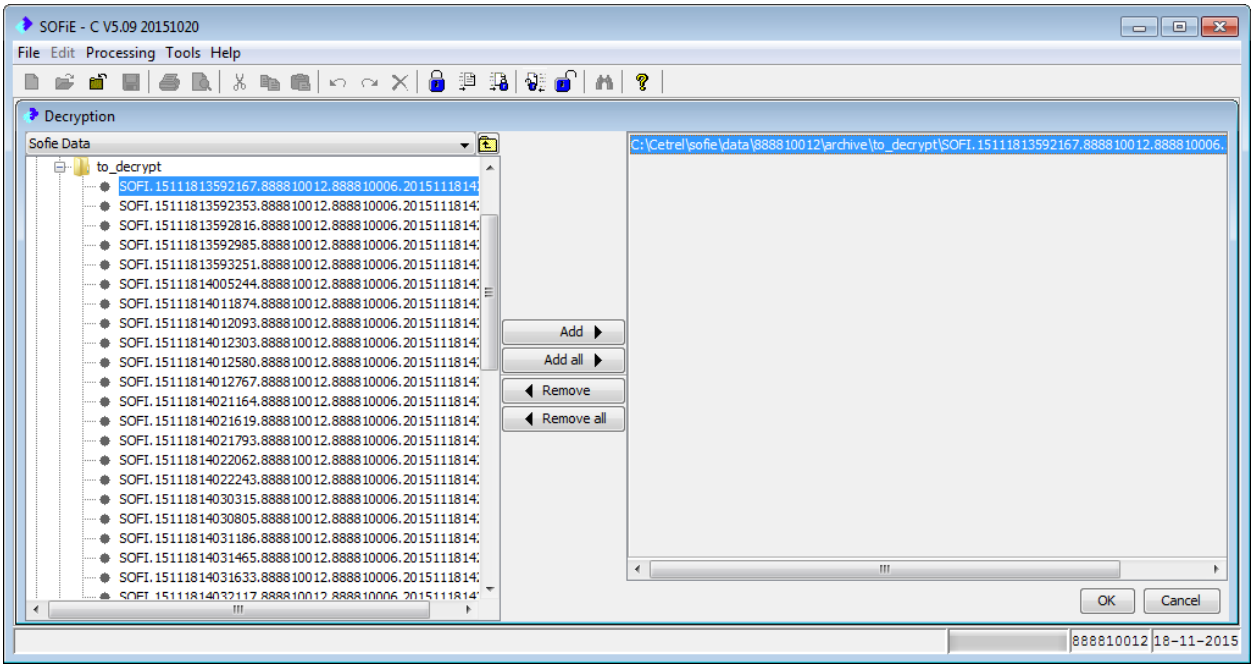


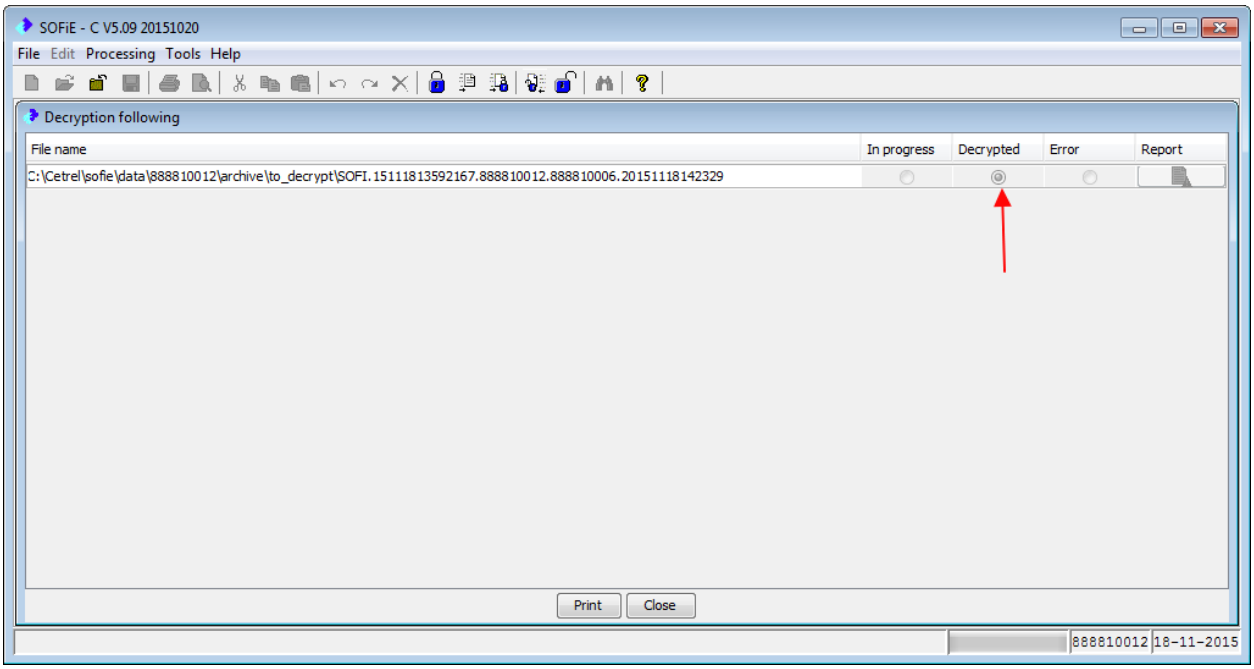
Example of error report information for this case of error

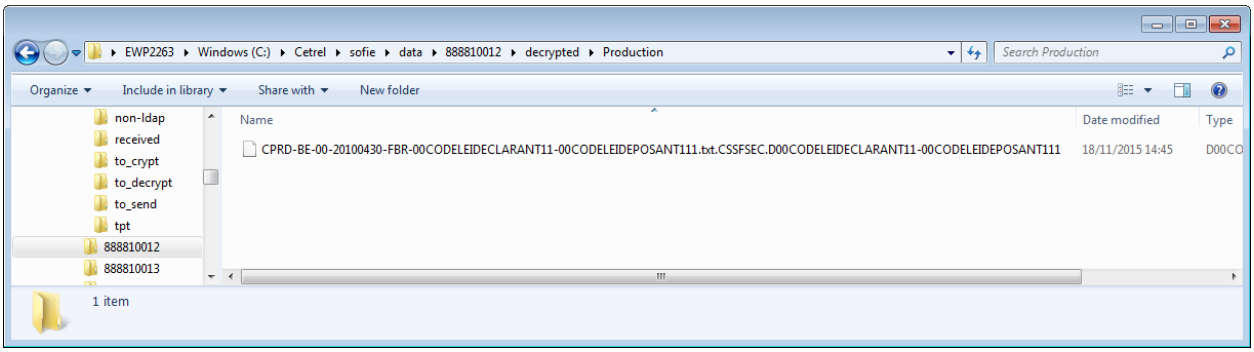
reason:
=======
Decryption failed : [CETREL_FRAMEWORK,3045] : **Destination file** C:\Cetrel\sofie\.\data\888810012\decrypted\Production\CPRD-BE-00-20100430-FBR-00CODELEIDECLARANT11-00CODELEIDEPOSANT111.txt.CSSFSEC.D00CODELEIDECLARANT11-00CODELEIDEPOSANT111 **exists and won't be overwritten automatically.**

If we want to decrypt the file again, in this case we have first to remove the decrypted file from decrypted\Production folder.

Successful decryption.


SOFiE - C V5.09 20151020
File Edit Processing Tools Help
Decryption
Sofie Data
to_decrypt
Add
Add all
Remove
Remove all
OK
Cancel
888810012
18-11-2015


SOFiE - C V5.09 20151020
File Edit Processing Tools Help
Decryption following
File name
In progress
Decrypted
Error
Report
C:\Cetrel\sofie\data\888810012\archive\to_decrypt\SOFI.15111813592167.888810012.888810006.20151118142329
Print
Close
888810012
18-11-2015

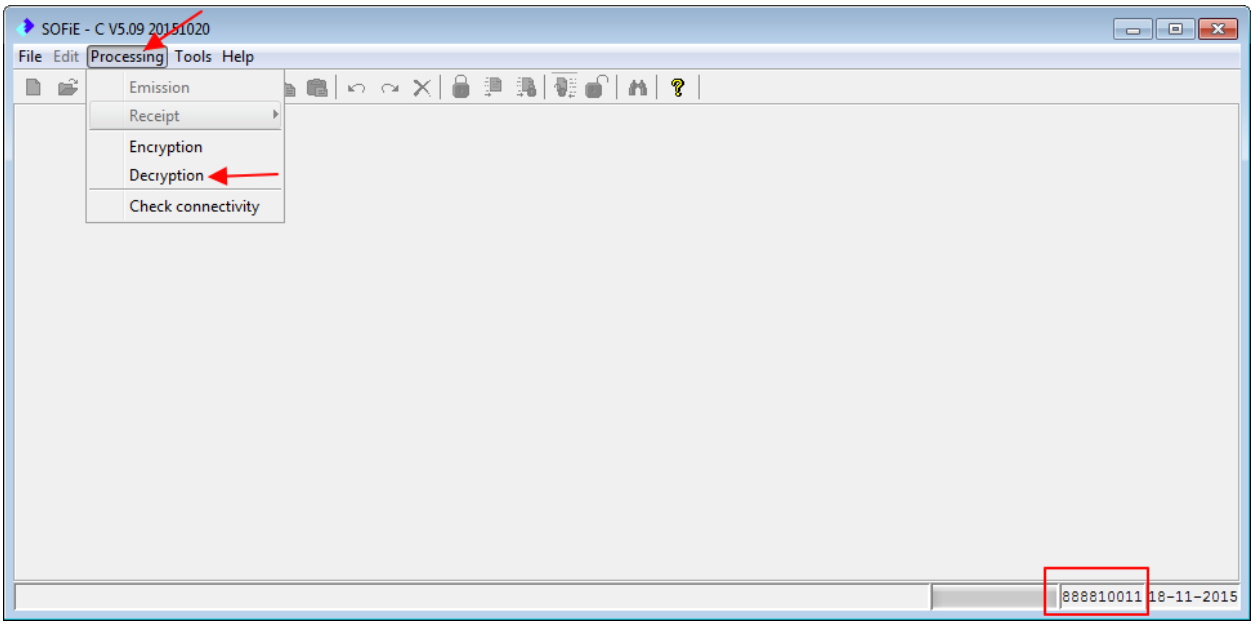


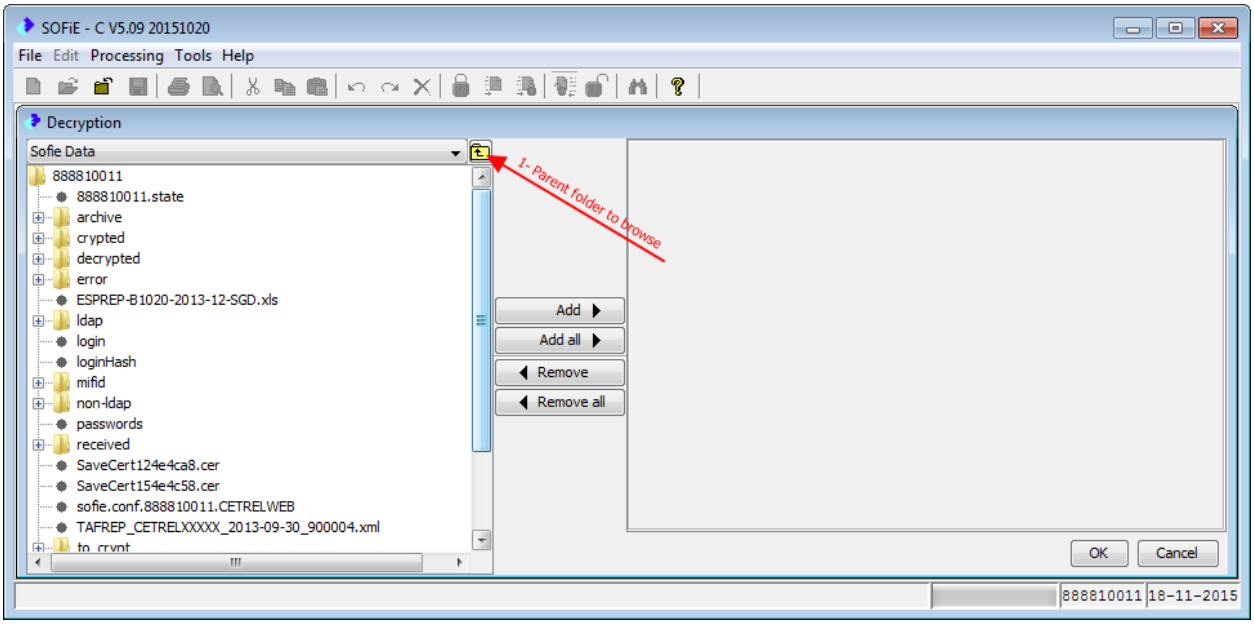
Now we have to decrypt the file again, in order to be able to read its content.

SOFiE-SORT Decrypt process with crypt module

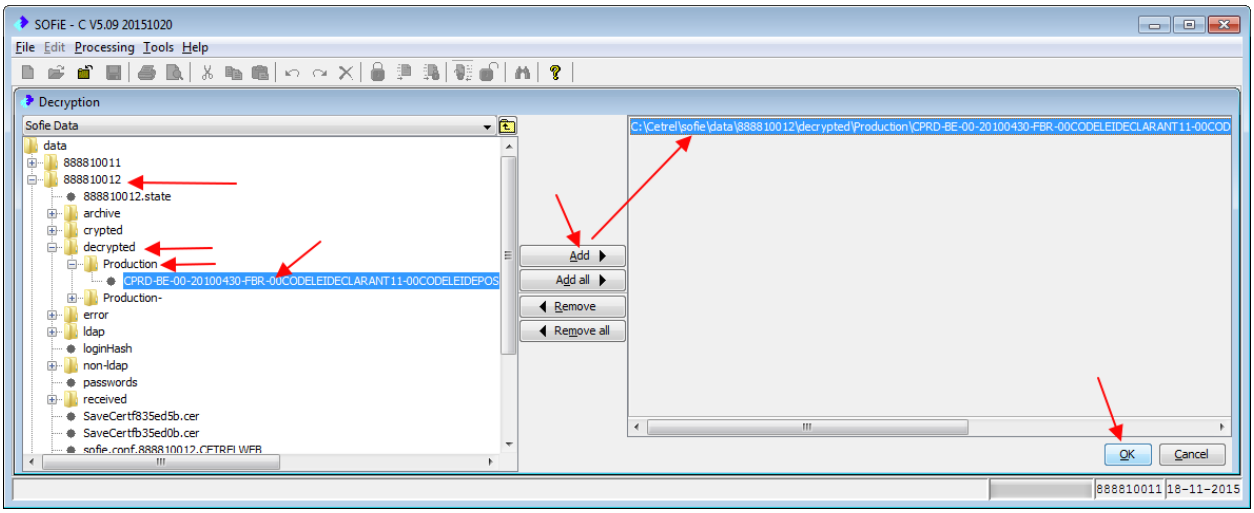
5- Decrypt the file in crypt module

Start Encryption user here 888810011

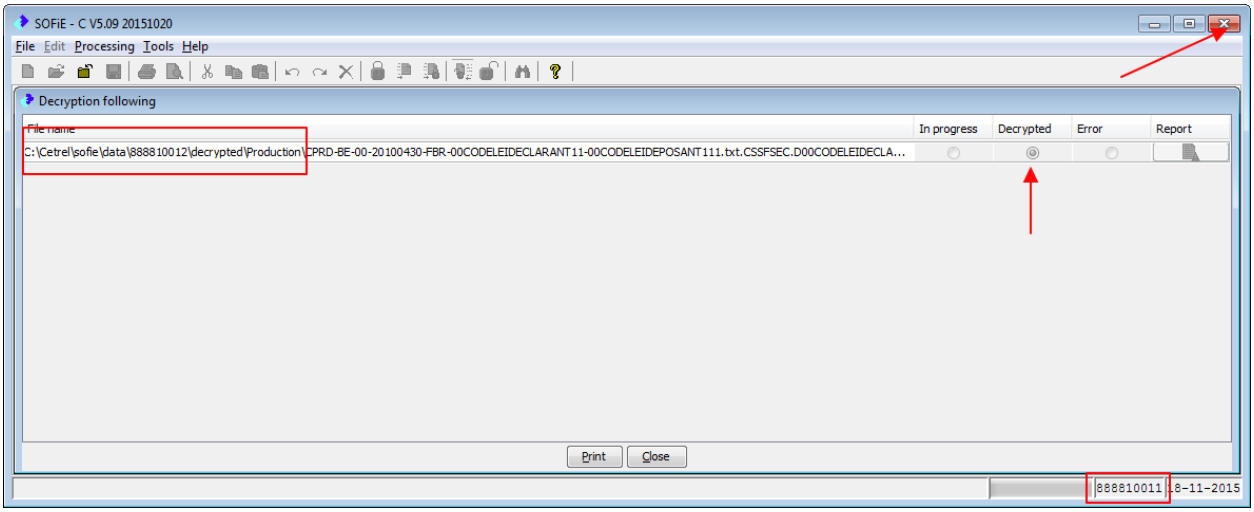




Select the file decrypted previously on the Transport folder

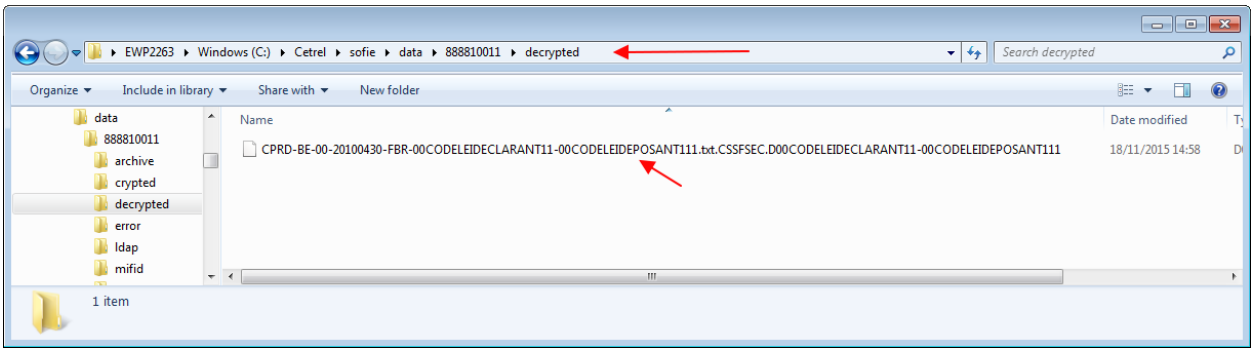


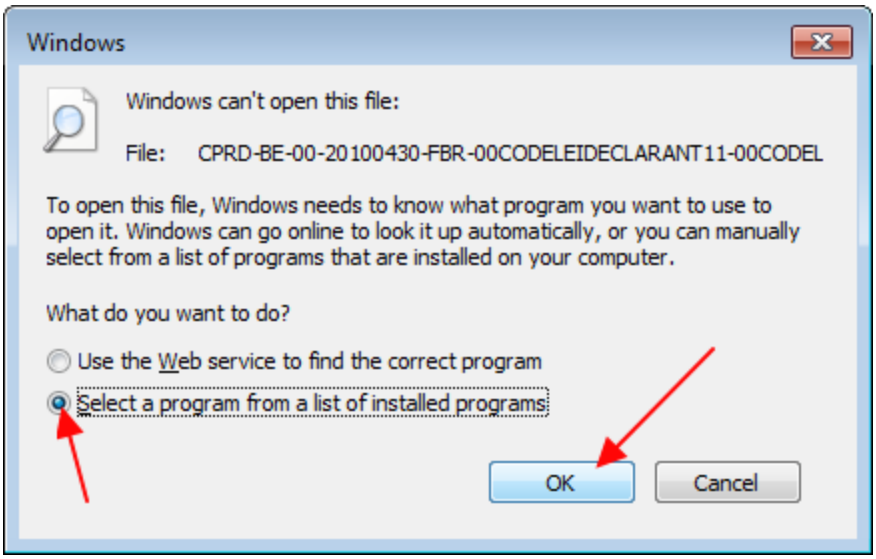
File successfully decrypted.

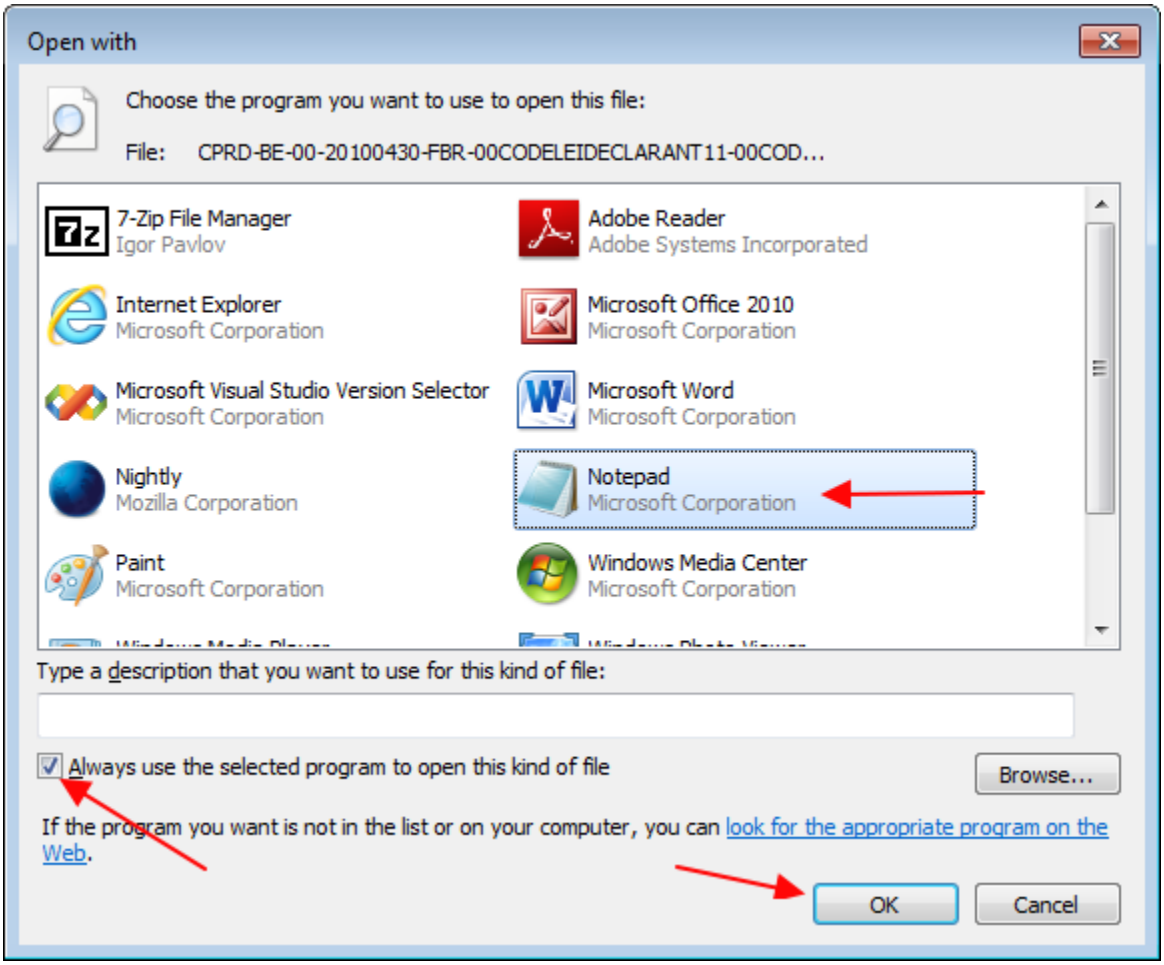


SOFiE-SORT How to read the decrypted file.

We can read the file using external tools, example Notepad, but you can use other programs or editors.




Windows
Windows can't open this file:
File: CPRD-BE-00-20100430-FBR-00CODELEIDECLARANT11-00CODEL
To open this file, Windows needs to know what program you want to use to open it. Windows can go online to look it up automatically, or you can manually select from a list of programs that are installed on your computer.
What do you want to do?
Use the Web service to find the correct program
Select a program from a list of installed programs
OK
Cancel


Open with
Choose the program you want to use to open this file:
File: CPRD-BE-00-20100430-FBR-00CODELEIDECLARANT11-00COD...
7-Zip File Manager
Igor Pavlov
Adobe Reader
Adobe Systems Incorporated
Internet Explorer
Microsoft Corporation
Microsoft Office 2010
Microsoft Corporation
Microsoft Visual Studio Version Selector
Microsoft Corporation
Microsoft Word
Microsoft Corporation
Nightly
Mozilla Corporation
Notepad
Microsoft Corporation
Paint
Microsoft Corporation
Windows Media Center
Microsoft Corporation
Type a description that you want to use for this kind of file:
Always use the selected program to open this kind of file
Browse...
If the program you want is not in the list or on your computer, you can look for the appropriate program on the Web.
OK
Cancel