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.

🔶 SOFiE - Login - C V5.09 20151020 🛛 💼 📧									
[C1] Login	8888100								
[C2] Password									
Save encrypted password for batch processing									
SOFIE HOME :	C:\Cetrel\sofie								
Change password OK	Cancel								

Use processing menu to make an encryption

•	so	DFie -	- C V5.09 20151020								
Fil	e	Edit	Processing Tools Help								
	Ì.	Ê	Emission		⊫ ∽ ∼	$\mathbf{X} \; \widehat{\mathbf{b}} \;$	1	B 🗑 💼	m 🤋		
			Receipt	▶							
			Encryption	-	-						
			Decryption								
			Check connectivity								
		L									
										888810011	18-11-2015

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

SOFiE - C V5.09 20151020			- • •
File Edit Processing Tools Help			
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Emission			
Sofie Data	Context Producti	on 👻	
8888:0011 • 8888:0011 state • archive • error • error • bignHash • passwords • passwords • arcevited • saveCert154+ck38.cer • sofe-conf.888:1001.1CETRELWEB • TAFREP_CETRELX000X_2013-09-30_900004.xml • to_crypt • to_crypt • to_crypt • to_crypt • to_crypt • to_crypt • to_crypt <tr< th=""><th>Add Add Add Add Add Add Add Add Add Add</th><th>Type 3100111to_crypt\CPRD-DE CAACPR</th><th>Receiver CAA</th></tr<>	Add	Type 3100111to_crypt\CPRD-DE CAACPR	Receiver CAA
TPTIBS_201411_DSE0123456_DSE0123456_20141203_001.xml TPTIBS_L1_201412_P000000356_DSE0132048_20150225_001.xml			
✓ Encrypt Send	Encryption user cannot send.		OK Cancel
			888810011 18-11-2015

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

1	> SOFiE - C V5.09 20151020				
	File Edit Processing Tools Help				
	n ⊯ ∎ ∎ = n 8 n n n n ∽ ~ × 8 n n n ?				
	Emission following				
	File name	In progress	Crypted	Error	Report
	C:\Cetrel\sofie\data\888810011\to_crypt\CPRD-DE-01-20131231-CAA-00CODELEIDECLARANT11-00CODELEIDEPOSANT111.xlsm		۲		
			Success		
	Print Close				
ļ				888810	0011 18-11-2015

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

				×
🔾 🗢 📕 « Windows (C:)	•	Cetrel > sofie > data > 888810011 > crypted - 47 Search cr	ypted	م
Organize 🔻 Include in libra	ary '	Share with 🔻 New folder	∷ ▼ 🔳	0
a 🌗 data	*	Name		Date n
4 퉲 888810011		CPRD-DE-01-20131231-CAA-00CODELEIDECLARANT11-00CODELEIDEPOSAN	T111 viem CSSESEC CAA	18/11/
> 🌗 archive			TITI, ASIA, COST DEC.CAA	10/11/
📔 crypted				
i decrypted				
Image: Provide the second s				
ildap 🔐				
⊳ 퉲 mifid				
inon-Idap				
i received	Ŧ	< III		F.
1 item				

SOFiE-SORT Encryption & send process with Transport module

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

SOFiE - Login - C V5.09 20	151020 🗖 🗉 💌							
[C1] Login	8888100							
[C2] Password								
Save encrypted password for batch processing								
SOFIE HOME :	C:\Cetrel\sofie							
Change password OK	Cancel							

Processing Emission

SOFIE - C V5.09 20151020	
Frie cont processing rooms rep Emission ← Emission ← Emission ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ←	
Encryption Decryption	
Check connectivity	
7	
	888810012 18-11-2015

Use SOFiE browser to find the file

SOFiE - C V5.09 20151020					
File Edit Processing Tools Help					
🗈 📽 🖬 📕 🏉 🖪 🎖 ங 🎕 က က 🗙 🔓 🕮 🥦	💱 👩 M 🤊	?			
Emission					
Sofie Data	Parent c	Context	Production 🗸		
asss 10012 achive ac	Search the file already of Add > Add all > Add all >	File name		Туре	Receiver
V Encrypt V Send	Transport of	can send			OK Cancel
					- 888810012 18-11-2015

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

SOFIE - C V5.09 20151020			- • •
File Edit Processing Tools Help			
▶ 📽 🖬 📾 🍜 🐘 X 🐜 📾 ∽ ~ × 🔒 🕮 🖓 💕 M	💡		
Emission			
Sofie Data	Context Production 🗸		
888810011.state sective a coop crypted folder	File name	Туре	Receiver
A-File to	C:\Cetrel\sofie\data\888810011\crypted\C	CAAC	CAA
CPRD-DE-01-20131231-CAA-00CCDELEIDECLARANTI1-00CC decrypted error ESPREP-81020-2013-12-SGD.xls del dap login login login login el login mifd enon-dap mifd enon-dap mifd enon-dap saswords erceived SaveCert124e4ca8.cer SaveCert124e4ca8.cer SaveCert124e4ca8.cer SaveCert124e4ca8.cer SaveCert124e4ca8.cer sofie.conf.888810011.CETRELWEB TAFREP_CETRELXXXX_2013-09-30_900004.xml to_crypt time		S. Config	OK Cancel
			888810012 18-11-2015

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

SOFiE - C V5.09 20151020					- • •
File Edit Processing Tools Help					
_ ■ 📽 🖬 🖩 # ■ X 🖷 ■ ∽ ∼ × 🔒 🕮 💱 💕 # ?					
Emission following					
File name	In progress	Crypted	Sent	Error	Report
C:\Cetrel\sofie\data\888810011\crypted\CPRD-DE-01-20131231-CAA-00CODELEIDECLARANT11-00CODELEIDEPOSANT11		۲	۲		
Print Close		1	1	No error	
				888810	012 18-11-2015

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

		r			
00	so « Cetrel 🖡 so	fie 🕨	data 🖡 888810012 🖡 archive 🖡 to_send 🚽 👻 🦘	Search to_sena	۵
Organize	 Include in lib 	rary 🔻	Share with 🔻 New folder		:=
	퉬 mifid	*	Name	Date modified	Туре
	퉬 non-Idap		SOFI.15111811334704.888810006.888810012.20151118113347	18/11/2015 11:33	20151118113347 File
	📗 to_crypt	=			
	to_decrypt to_send				
	🍌 tpt				
	888810012				
	888810013 test nok	-	< III		•
	1 item				

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

3- Receiving and decrypt a file automatically.

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		Receipt	<u>Receive</u>							
		E <u>n</u> cryption	<u>D</u> ecrypt							
		De <u>c</u> ryption	_							
		Check connectivity								
										1
									888810012	8-11-2015

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

SOFIE - C V5.09 20151020	
File Edit Processing Tools Help	
Receipt	
Start receipt	
File name In progress Received Dec	crypted Error Report
INFORMATION	
Print Close	
j j j j j	888810012 18-11-2015

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

ile <u>E</u> dit <u>P</u> rocessing <u>T</u> ools <u>H</u> elp							
■ 📽 🛍 📕 🏉 🖪 🕷 🕷 📾 📾 🗠 ⇔ 🗙 🗎	🔒 🔍 🐘 📲 💕 M 😤 👘						
Receipt							
	Start receipt		•	+			
File name		In progress	Received	Decrypted	Error	Report	
SOFI.15111814045533.888810012.888810006			۲	۲			
SOFI.15111813592985.888810012.888810006		0	۲	۲	0		
SOFI. 15111814050584.888810012.888810006		0	۲	۲	0		
SOFI.15111814030315.888810012.888810006		0	۲	۲	0		
SOFI.15111813593251.888810012.888810006		0	۲	۲	0		
SOFI.15111813592816.888810012.888810006			۲	۲			
SOFI.15111814021619.888810012.888810006		۲	0	0	0		
SOFI.15111814012580.888810012.888810006		0	0	0	0		
SOFI.15111814055701.888810012.888810006		0					
SOFI.15111814031186.888810012.888810006		0	0	0	0		
SOFI.15111814051154.888810012.888810006							
SOFI.15111814050403.888810012.888810006		0	0	0	0		
SOFI.15111813592353.888810012.888810006		0	0	0	0		
SOFI.15111814040520.888810012.888810006		0	0	0	0		
SOFI.15111814011874.888810012.888810006		0	0	0	0		
	Drint Class					(HIIK	_

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)

S	OFie	- C V5.09 20151020		
Eile	<u>E</u> dit	Processing Tools Help		
	Ê	<u>E</u> mission	<u>▶ ■ ↓ ↔ × ● </u> ■ ₩ ₩ ⊕ M ?	
		<u>R</u> eceipt	<u>Receive</u>	
		E <u>n</u> cryption	Decrypt	
		De <u>c</u> ryption		
		Check connectivity	y j	
			88	8810012

Browse and select the file to decrypt.





In case of error, a reporting log is generated.

	SOFiE - C V5.09 20151020				- • ×
1	File Edit Processing Tools Help				
	■ 📽 🖬 📕 🕭 💽 X 👒 🎕 ∽ ⇔ X 🔒 🕮 🐝 🕼 🕼 🔐 🖉				
	Decryption following				
	File name In p	progress	Decrypted	Error	Report
	C:\Cetrel\sofie\data\888810012\archive\to_decrypt\SOFI.15111813592167.888810012.888810006.20151118142329			۲	
	Print Close				
Ī				888810	012 18-11-2015

Example of error report information for this case of error

reason:

==

Decryption failed : [<u>CETREL_FRAMEWORK,3045</u>] : 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	Decryption				
Sofie Data 🔹 👻		C: \Cetrel\sofie\data\888810012\archive\to_decrypt\SOFI.15111813592167.888810012.888810006.			
to_decrypt SOFT. 15111813592167.8888 10012.8888 10006.2015111814 SOFT. 15111813592253.8888 10012.8888 10006.2015111814 SOFT. 151118135922816.8888 10012.8888 10006.2015111814 SOFT. 15111813592285.8888 10012.8888 10006.2015111814 SOFT. 15111813592285.8888 10012.8888 10006.2015111814 SOFT. 1511181405244.8888 10012.8888 10006.2015111814 SOFT. 1511181401293.8888 10012.8888 10006.2015111814 SOFT. 1511181401293.8888 10012.8888 10006.2015111814 SOFT. 1511181401280.8888 10012.8888 10006.2015111814 SOFT. 1511181401280.8888 10012.8888 10006.2015111814 SOFT. 15111814012767.8888 10012.8888 10006.2015111814 SOFT. 1511181402260.2888 10012.8888 10006.2015111814 SOFT. 15111814021793.8888 10012.8888 10006.2015111814 SOFT. 1511181402262.8888 10012.8888 10006.2015111814 SOFT. 1511181402264.8888 10012.8888 10006.2015111814 SOFT. 15111814022243.8888 10012.8888 10006.2015111814 SOFT. 151118140315.8888 10012.8888 10006.2015111814 SOFT. 1511181403156.8888 10012.8888 10006.2015111814 SOFT. 151118140316.8888 10012.8888 10006.2015111814 SOFT. 151118140316.8888 10012.8888 10006.2015111814 SOFT. 151118140316.8888 10012.8888 10006.2015111814 SOFT. 151118140316.8888 10012.8888 10006.2015111814 SOFT. 1511181	Add Add all Add all Remove Remove all	III Market 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		۲		
Print Close		Ť		
J			1888810	0012/18-11-2015

				×
	Wind	lows (C:) > Cetrel > sofie > data > 888810012 > decrypted > Production v 4 5	ction	Q
Organize 👻 Include in I	ibrary 🔻	Share with ▼ New folder	= - 1	0
퉬 non-Idap	*	Name	Date modified	Туре
received to crypt		CPRD-BE-00-20100430-FBR-00CODELEIDECLARANT11-00CODELEIDEPOSANT111.txt.CSSFSEC.D00CODELEIDECLARANT11-00CODELEIDEPOSANT111	18/11/2015 14:45	D00CO
b to_decrypt				
퉬 to_send				
📕 tpt				
888810012				
888810013	-	· III		F.
1 item				

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

SOFiE - C V5.09 20151020	
<u>File Edit Processing Tools H</u> elp	
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Decryption	
Sofie Data ▼ 1 in data * in dap * in dap * in dap * in dap *	C: (Cefrei loofe (data (3888 100 12 decrypted (Production (CHD-85-00-20 100 430 4FBr-00COCELEIDECLARANT 11-00COD Add) Add all) Remove Remove all
Inon-Idap Passwords SaveCertf035ed5b.cer SaveCertf035ed5b.cer SaveCertf035ed5b.cer SaveCertf035ed5b.cer SaveCertf035ed5b.cer SaveCertf035ed5b.cer SaveCertf035ed5b.cer WIII	< mm h
	888810011 18-11-2015

File successfully decrypted.

SOFIE - C V5.09 20151020				. • 💌
Eile Edit Processing Tools Help				
□ ☞ ≝ ■ ● ■ × == = = > ~ × ● □ ■			/	
Decryption following				
file name	In progress	Decrypted	Error	Report
C: \Cetrel\sofie\data\888810012\decrypted\Production_PRD-BE-00-20100430-FBR-00CODELEIDECLARANT11-00CODELEIDEPOSANT111.txt.CSSFSEC.D00CODELEIDECLA.		۲	0	
Pint Gose				
			88881001	1 8-11-2015

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.

	Jows (C:) → Cetrel → sofie → data → 888810011 → decrypted		× 2
Organize 🔻 Include in library	▼ Share with ▼ New folder	··· ·	0
data 888810011 archive crypted decrypted error idap mifid 1 item	Name CPRD-BE-00-20100430-FBR-00CODELEIDECLARANT11-00CODELEIDEPOSANT111.bt.CSSFSEC.D00CODELEIDECLARANT11-00CODELEIDEPOSANT111	Date modified 18/11/2015 14:58	T <u>y</u> Di

Windows				
Windows can't open t	his file:			
File: CPRD-BE-00-2	0100430-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?				
\bigcirc Use the <u>W</u> eb service to find the correct program				
Q Select a program from a list	t of installed programs			

