How to use Startcom Tool

StartCom®

StartCom CA Limited

Catalog

Statement

Notice that our software is running on the windows operating system.

1. Install the startcom tool

Download the software from the following link:

https://download.startpki.com/startcom/startcomtool.exe

After downloading the software, run as Admin, double - click the installation, after the program install successful, show as Figure 1.
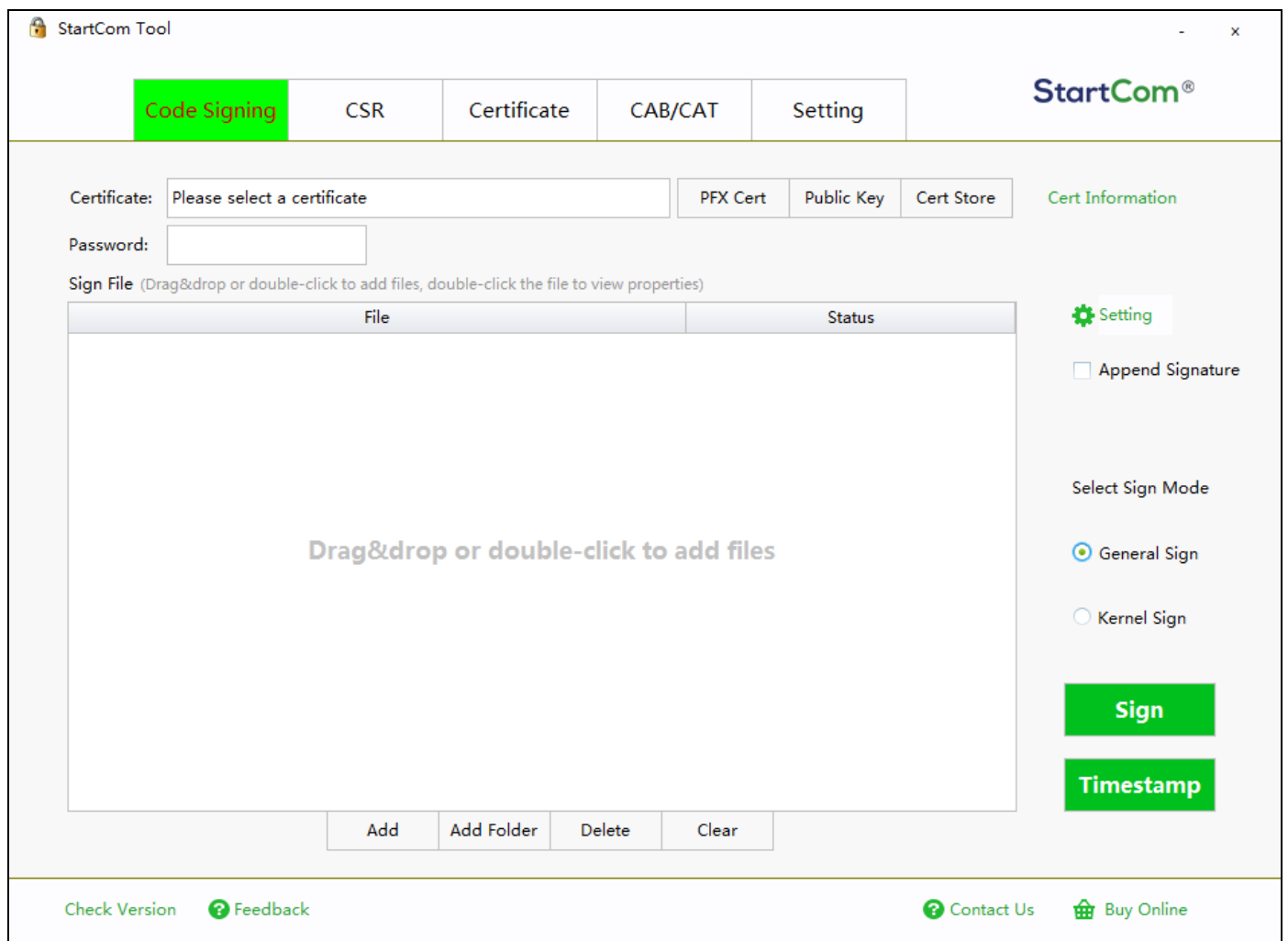

Figure 1

2. Create CSR file

2.1.Set the mode

"Setting"—choose "Professional Mode"

2.2. Create client ceritifcate csr files

"CSR"--Certificate Type choose "Client Certificate" fill the common name CN, Email address Private key Algorithm and click "Generate Private Key" to choose the path to save CSR and Private key， key length usually choose2048， set the password；and click "Generate CSR" you will get 2 files，one of them is the CSR and another one is the private key with password，（*Note: be sure to save the certificate's private key file to prevent loss.*）

2.3. Create code signing certificate csr file

"CSR"--Certificate Type choose "Code Signing Certificate" fill the Publish Name, Unit Name； Private key Algorithm and click "Generate Private Key" to choose the path to save CSR and Private key， key length usually choose2048， set the password； and click "Generate CSR" you will get 2 files，one of them is the CSR and another one is the private key with password，（*Note: be sure to save the certificate's private key file to prevent loss.*）

2.4. Create ssl certificate csr file

"CSR"--Certificate Type choose "SSL Certificate" fill the Domain Name, Unit Name； Private key Algorithm and click"Generate Private Key" to choose the path to save CSR and Private key， key length usually choose2048， set the password； and click "Generate CSR" you will get 2 files， one of them is the CSR and another one is the private key with password， （*Note: be sure to save the certificate's private key file to prevent loss.*）

3. Code signing

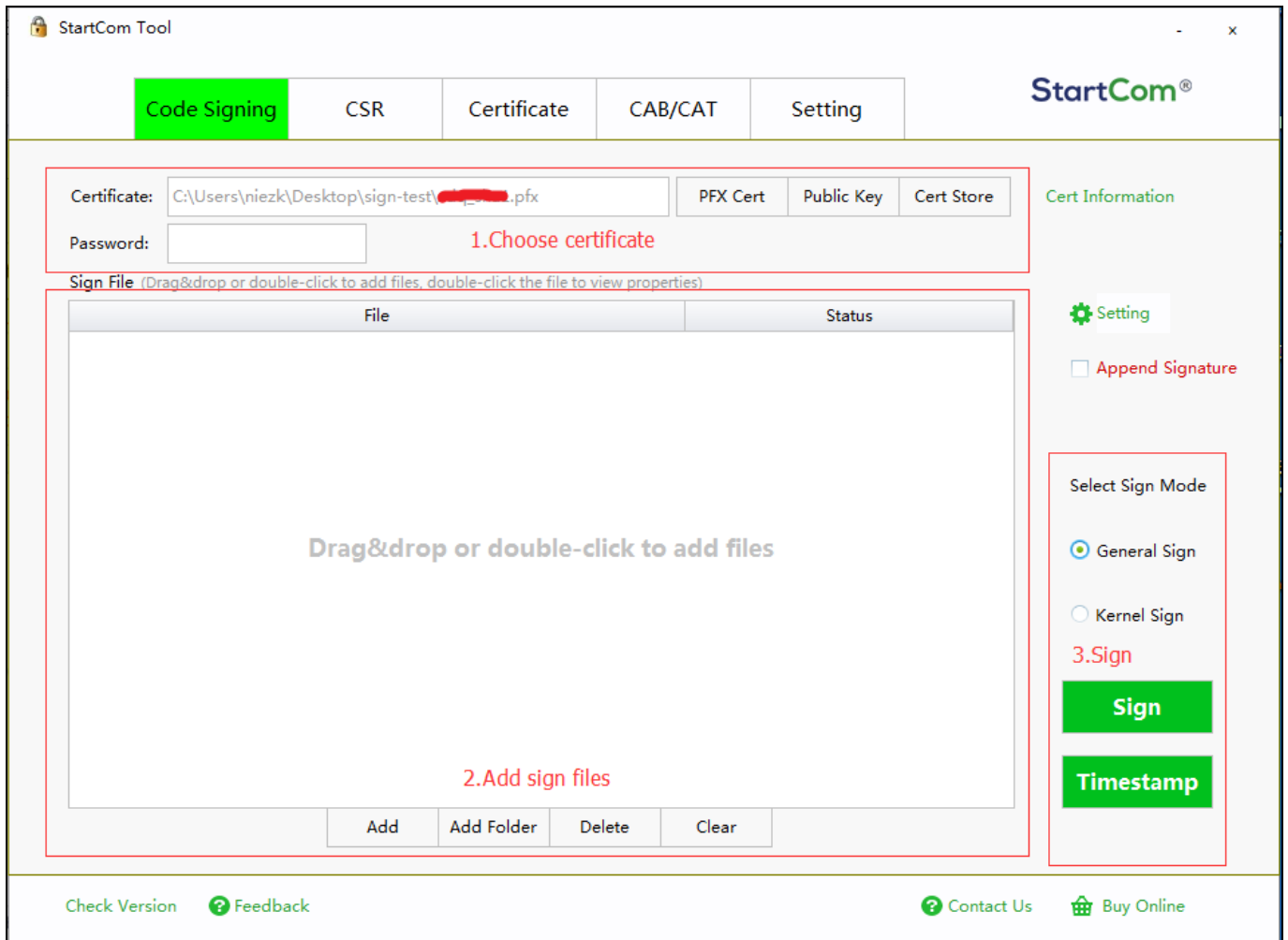Choose "Code Signing" option, shown as figure 2.

Figure 2

3.1 Choose certificate

Choose "Code Signing" If your certificate is PFX format, please select "PFX Cert", and type the password; if it's CRT or PEM format, please select "Public Key"; If it is the format that imported into the computer, please select "Cert Store".

3.2. Add the code to sign

Towed the program to the signing area, or by click add to add the file to be signed.

Add: add a sign file which you prefer.

Add Folder: add a folder when you want to sign all of the files in the folder.

Delete: delete a file if you don't want to sign.

Clear: clear all the files which you have selected.

3.3. Sign

Move to Sign mode.

Select 'General Sign' if it is file(.exe .dll .cab).

Select 'Kernel Sign' if it is file(.sys .cat).

Finally click Sign menu to finish it.

3.4. Test the sign

Right click the file, select 'Digital Signatures' and click 'Details', you can see the Digital

Signatures Information. Then click View Certificate menu to view Certificate Information.

3.5.CAB/CAT

Create cabfile and cat file, choose the file need to be signed, click "Create CAB" or "Create

CAT"

Cab files are generally used in web application.

Cat files are generally used in the kernel driver signing.

4.   Certificate function

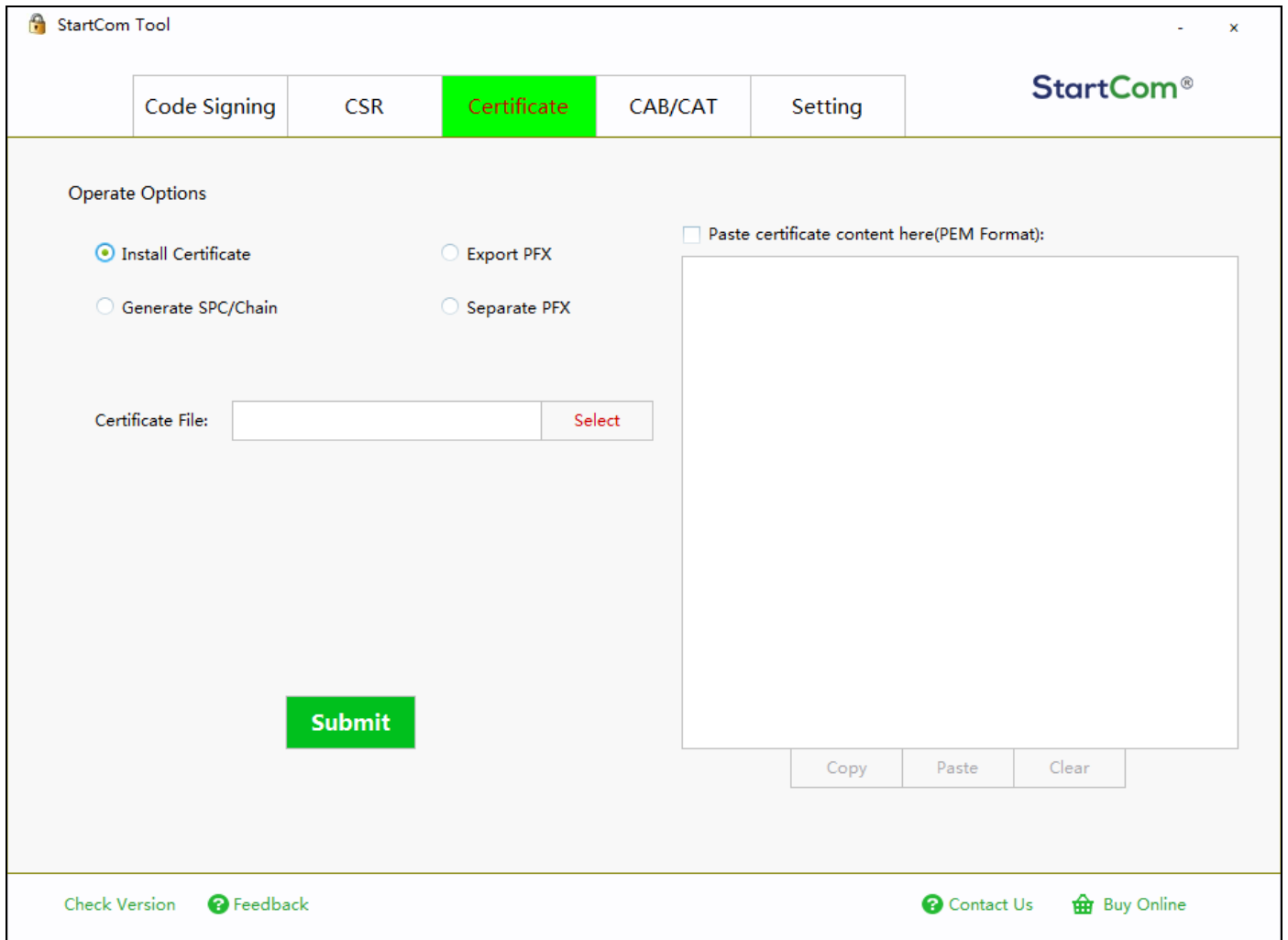Choose"Certificate"shown as figure 3

figure 3

Including 4 functions：

Install Certificate：Used to install the certificate, choose to install the PFX or CRT public key, click "submit"

Export PFX： Use to export PFX format certificate, "Certificate file"—Choose the public certificate issued by startcom, "Private Key"—choose the private key enter the password and click"submit"

Generate SPC/Chain: Used to synthesize certificate files with certificate chains

Separate PFX：Separate PFX format certificate to crt and key format certificate, choose .pfx file, enter the password set the path to store public key and private key. cert chain click "submit"

5. Software upgrade

Click "Version Check" - "date Up", you can upgrade to the latest version of the software.