Cloning Software For SF65

Release	Date	Department	Notes to change
1.0	10.06.2005	COM MD CC GRM T	New document

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1. Presentation

The cloning software was developed to allow the user configuration retrieving. In a first time , this software gets the FFS (Flash Files System)section (around 20 Mo, where user data are stored) from a SF65 device and download it in another device.
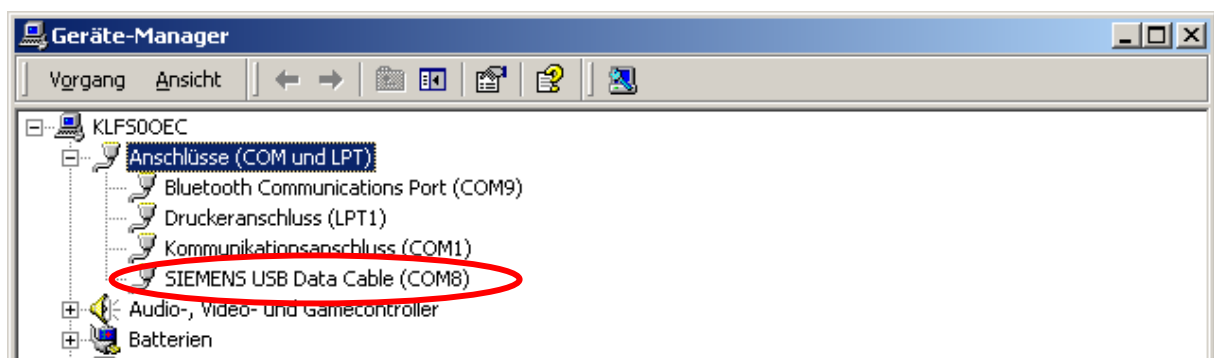
2. Hardware Requirements

- Data Cable USB DCA-510 (Serial – USB)   L36880-N5601-A111
- PC with at least Pentium III, 800 MHz

3. Software Requirements

- Driver for Siemens USB Data Cable DCA-510
- Cloning Software 1.1
- CVI Run time engine 6.0
- Compatibility : Win98,2K,NT,XP

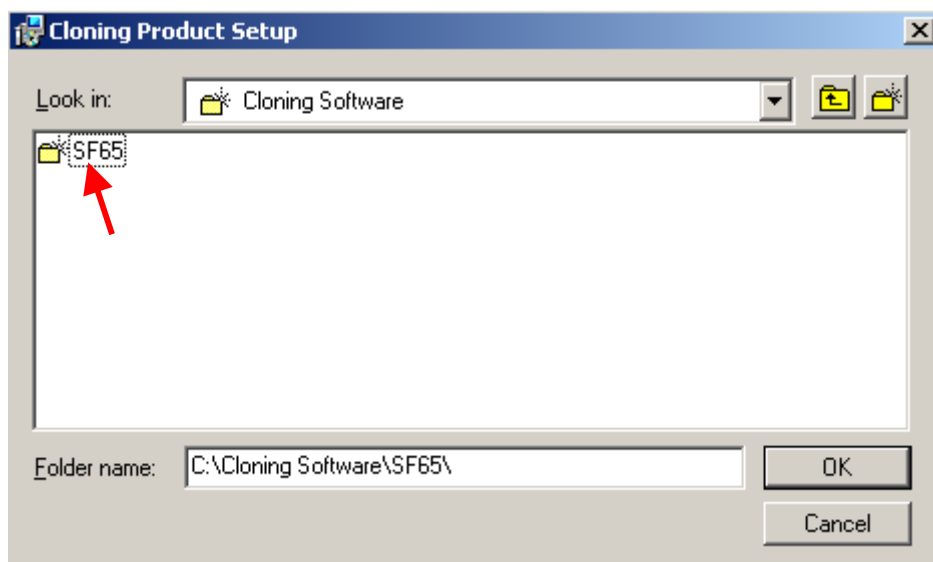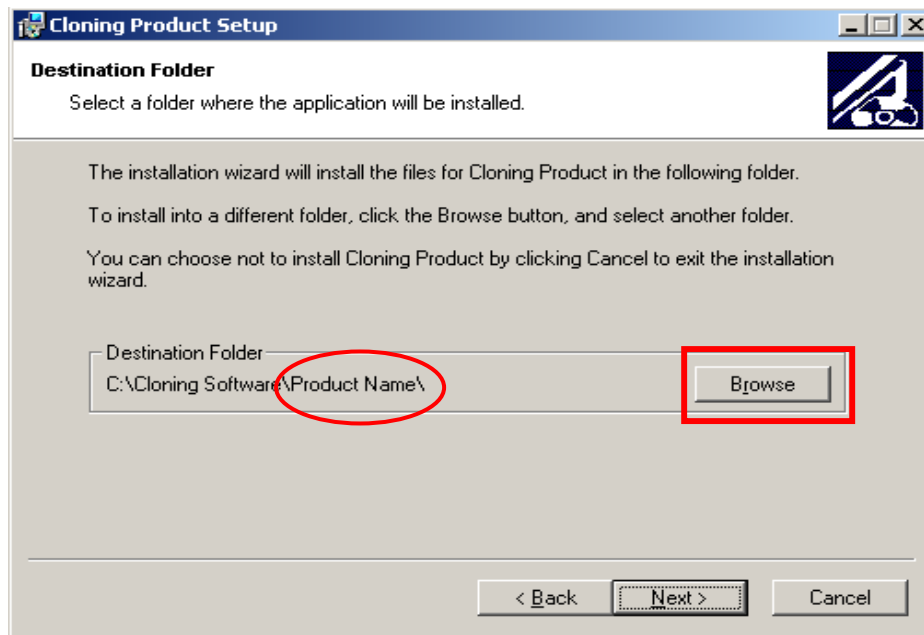# 4. Installation of the driver for Siemens USB cable

Run the USB-Port Driver installation (Use CD delivered together with the cable)
After a successful installation check the number of the COM Port (see picture below)
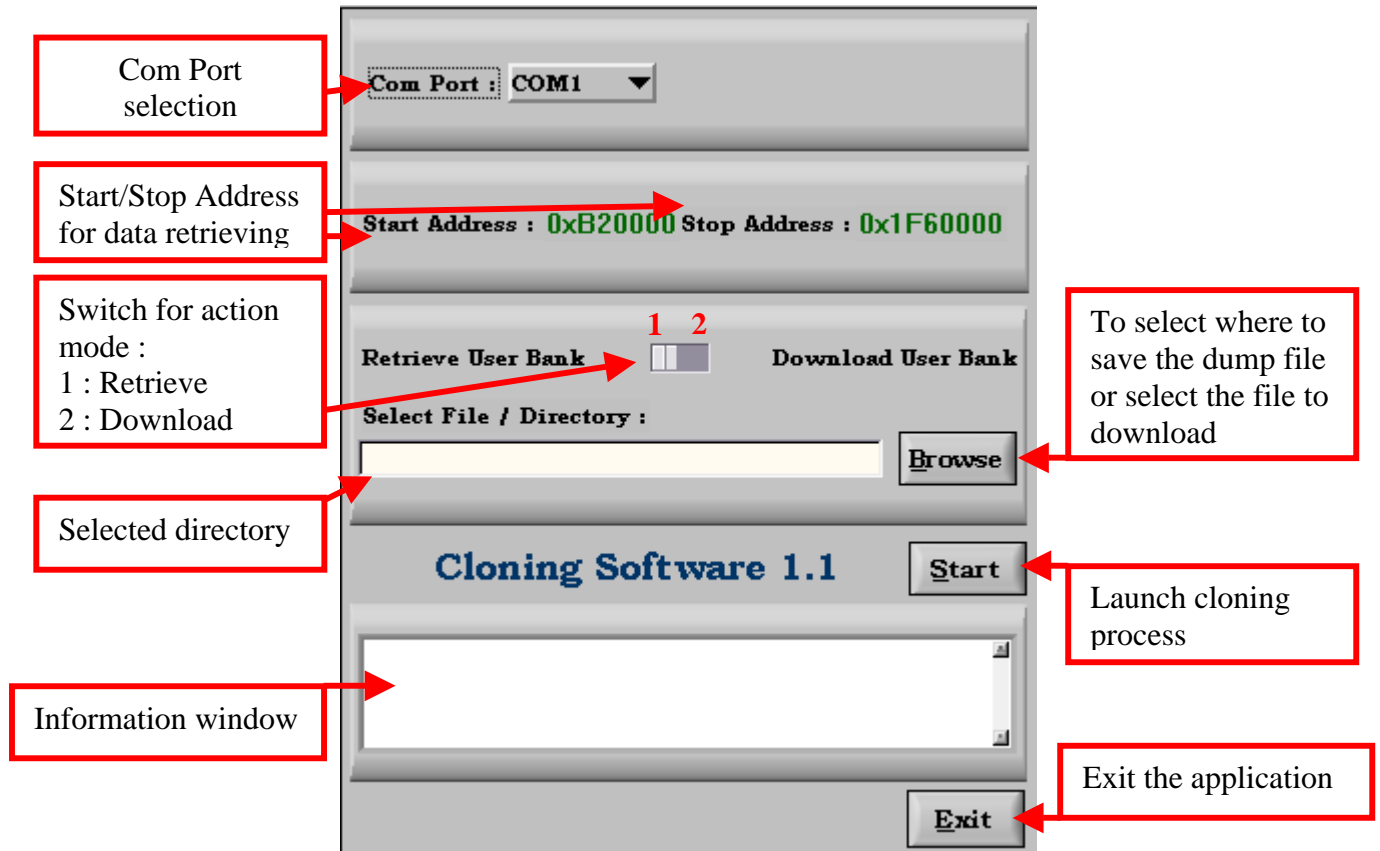
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5. Set-Up of the Cloning Software

Run the **Setup.exe** file from the installation pack, change the destination path like the following :

e.g. : From C:\Cloning Software**Product Name** to C:\Cloning Software**SF65**
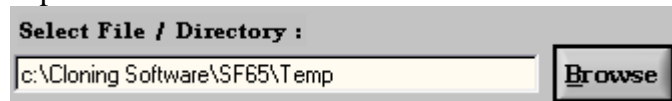
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- In case of successful modification , the following panel will appear (with Start /Stop Address, respectively set to 0×B20000 and 0×1F60000)

Com Port
selection

Start/Stop Address
for data retrieving

Switch for action
mode :
1 : Retrieve
2 : Download

To select where to
save the dump file
or select the file to
download

Selected directory

Launch cloning
process

Information window
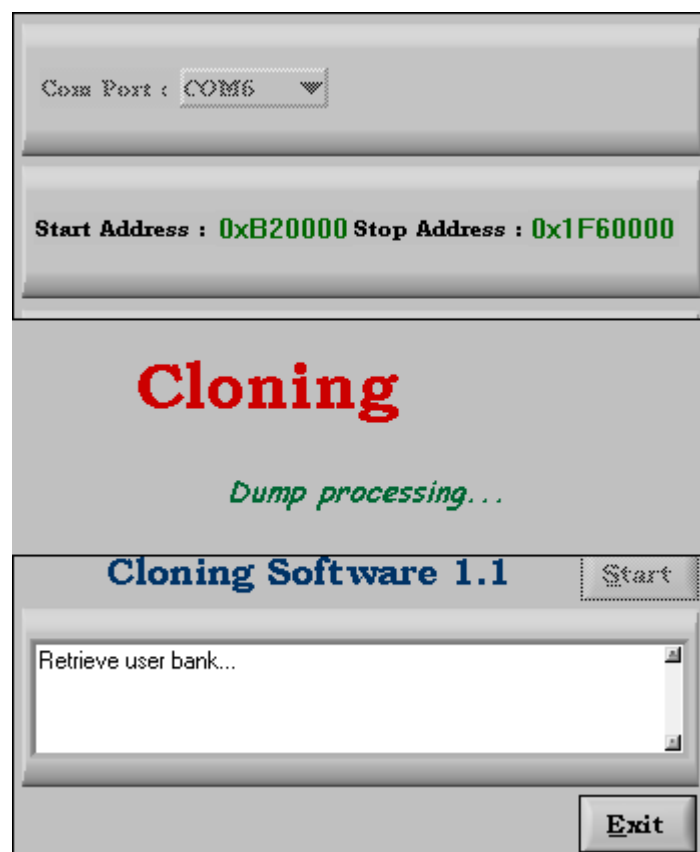
Exit the application

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6. Retrieving Process

- Before launching the retrieving process, be sure that you have selected the right com port, and set a folder where the dump file will be created (dump file is the file which contain the copied customer data

- To create this folder , click the   **Browse**   button and set a folder , name it " Temp" for example:

Select File / Directory :

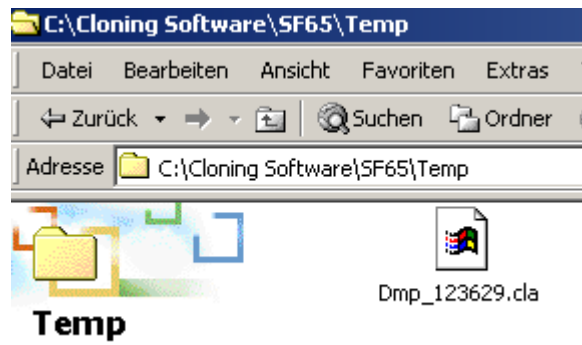| c:\Cloning Software\SF65\Temp | **Browse** |

- Ensure that the **battery is fully charged** , the **phone is switched off.**
- Launch the retrieving process by clicking the   **Start**   button and plug the Siemens USB cable into the phone.

- The application will boot the product automatically, no further actions are required from the user.
- If the configuration is OK, the retrieving process will immediately start…..

Com Port : COM6

Start Address : 0xB20000 Stop Address : 0x1F60000

Cloning

Dump processing...

Cloning Software 1.1   Start

Retrieve user bank...

Exit

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- After a few minutes (around 10 mn) the application gets the FFS part. When finished, the application comes back to the main screen and display "**User bank retrieved**" in the information area……
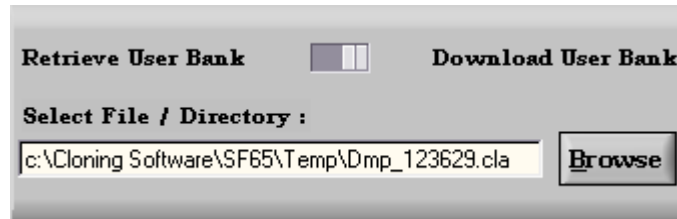

- The file where the customer data are saved , is automatically called : **Dmp_hhmmss.cla** (h=hour, m=minute, s=second).
- Retrieving several data without over-writing old ones is possible (renaming these files is possible too)
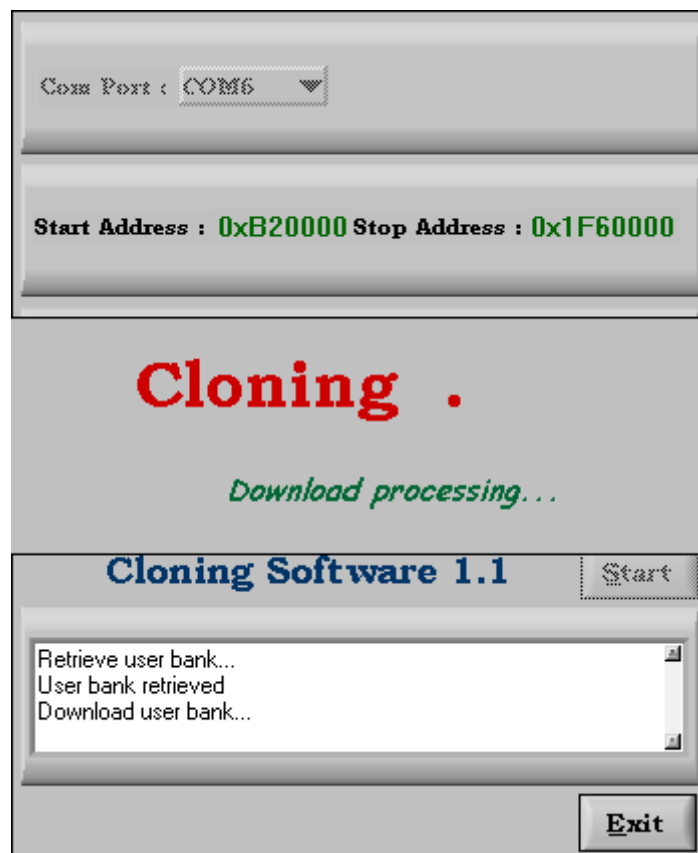
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7. Download Process

Do the same as the retrieving process. But select "Download User Bank" instead "Retrieve User Bank" and select the file to download (via Browse button)…..
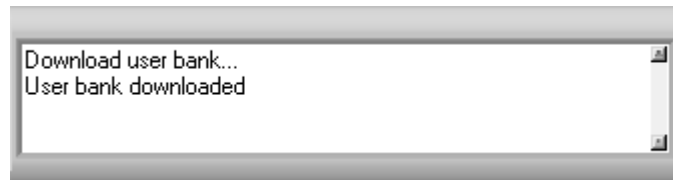
- Ensure that the **battery is fully charged** , the **phone is switched off.**
- Launch the retrieving process by clicking the **Start** button and plug the Siemens USB cable into the phone.
- The application will boot the product automatically, no further actions are required from the user.
- If the configuration is OK, the download process will immediately start…..
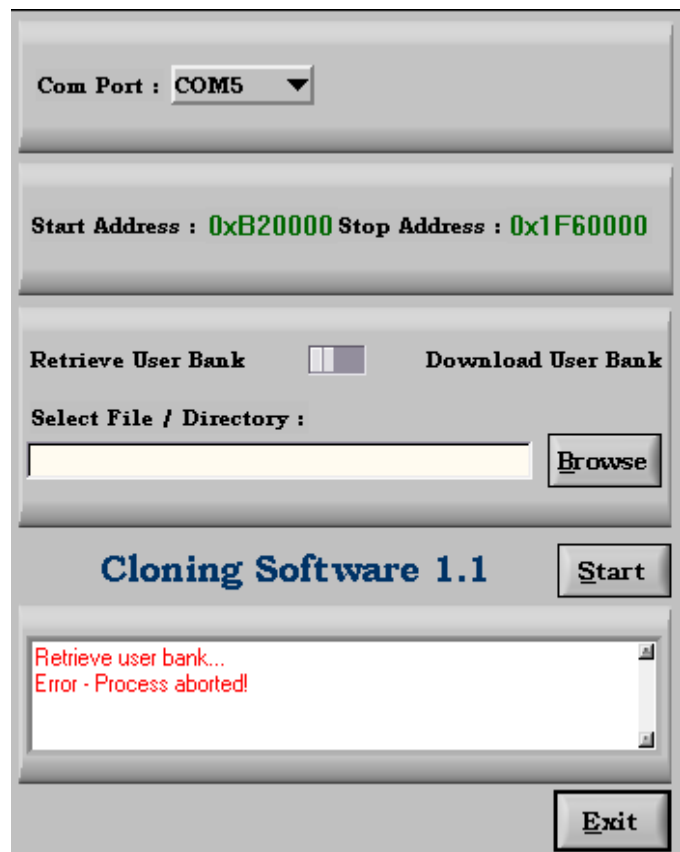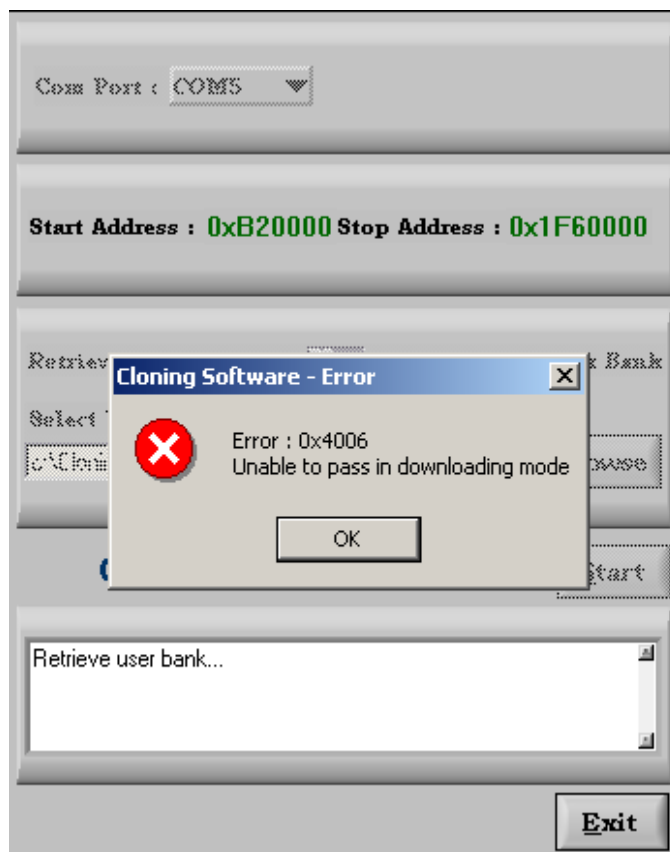
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- After a few minutes (around 10 mn) the application copy the FFS part. When finished, the application comes back to the main screen and display "**User bank downloaded**" in the information area…

```
Download user bank...
User bank downloaded
```

8. Error Messages

If a problem occurs during the process, a message like this one below will appear :

Therefore, you need to start another process….

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