



SOFTWARE UPDATE PROCEDURE

TINY 3664 PRODUCT BASED

Revision 4
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SOFTWARE UPDATE PROCEDURE TINY 3664 PRODUCT BASED



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Introduction

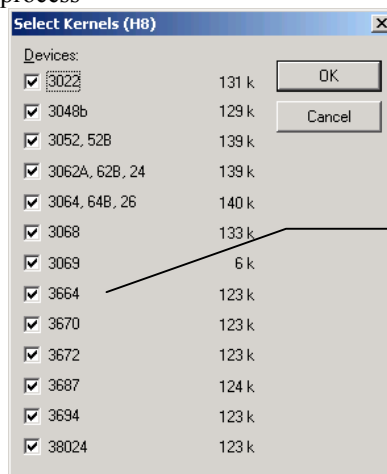
This manual explain how to update a 3664 based product such as :

- Pro-Active CSB-4x (CSB-4S, CSB-4U)
- Pro-Active MIFARE Reader OEM Module

Flash Debug Tool install

FDT 2.2 install

1. Download the installation software “fdt22.exe” at the following address :
<http://pro-active.dnsalias.net/downloads/pro-active/FDT/fdt22.exe>
2. Execute this installation software.
3. Keep the default installation path on drive “C:”
4. Please ensure that all devices are selected during installation process



This checkbox must be set

5. Finish the installation procedure.

FDT 2.2 Prot_A install

1. Download the installation software for the “A” protocol for FDT 2.2 at the following address :
http://pro-active.dnsalias.net/downloads/pro-active/FDT/fdt22_prot_a.exe
2. Execute this installation software.
3. Keep the default installation path on drive “C:”
4. There are no change to make during the installation procedure, click on the “Next” button then “Finish” button.

Workspace installation

Please choose the right title regarding your product :

MOD-K531

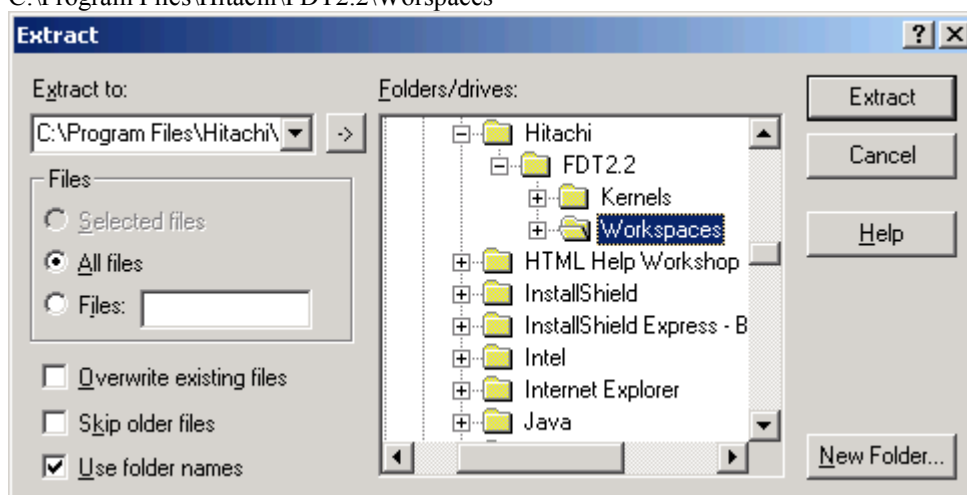
1. Download the ZIP file at the following adress :
<http://pro-active.dnsalias.net/downloads/pro-active/FDT/workspaces/mod-k531.zip>

CSB-4x

1. Download the ZIP file at the following adress :
<http://pro-active.dnsalias.net/downloads/pro-active/FDT/workspaces/csb-4x.zip>

COMMON

2. Extract the files using folder name to :
C:\Program Files\Hitachi\FDT2.2\Worspaces

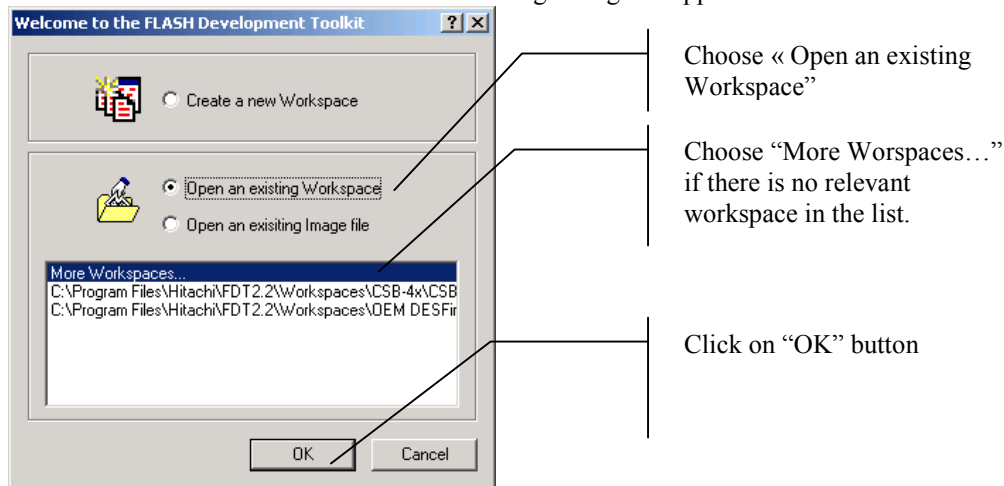


Software update

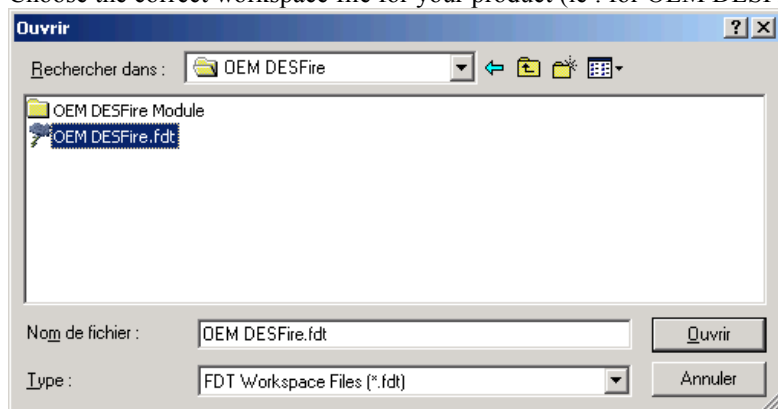
FDT 2.2 Execution

1. Click on Windows “Start” button then “Program” | “Hitachi” | “Flash Development Toolkit 2.2” | “Flash Development Toolkit 2.2”

→ The FDT software must runs and the following dialog bax appears :

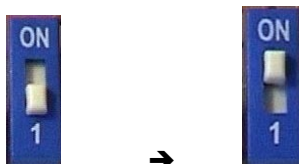


2. Choose the correct workspace file for your product (ie : for OEM DESFire Module see picture below)



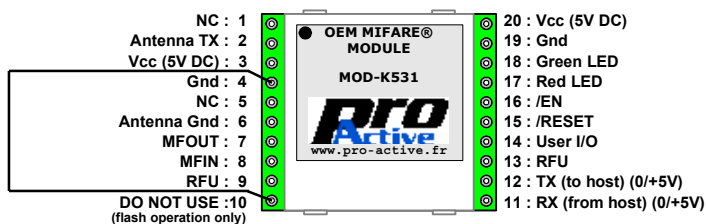
3. Select the project name under the Workspace name in the tree view.
4. Disconnect power supply of the product
5. Configure the product in PROG mode :

CSB-4x



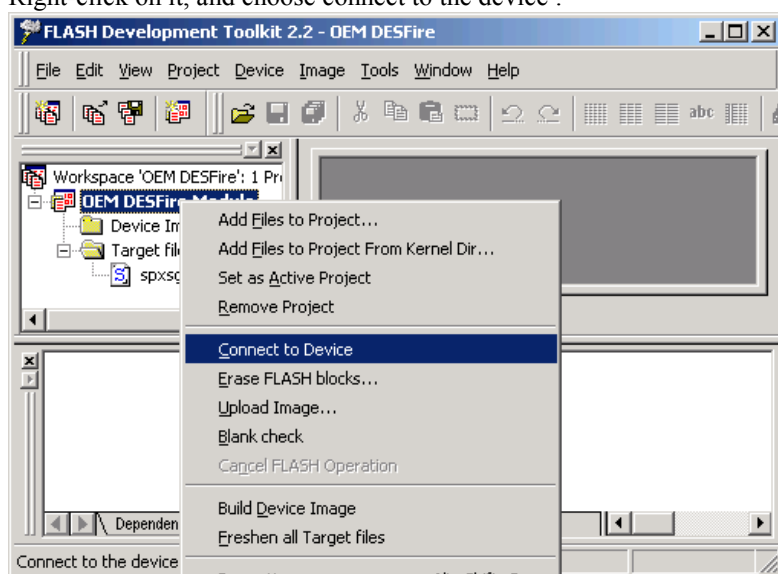
MOD-K531

- Power off the module.
- Shortcut pins 4 & 10.
- Power on the module.

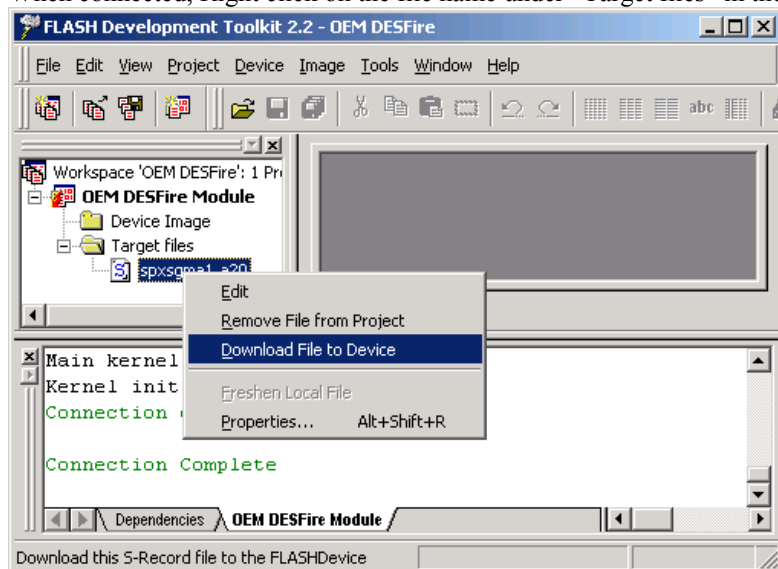


COMMON

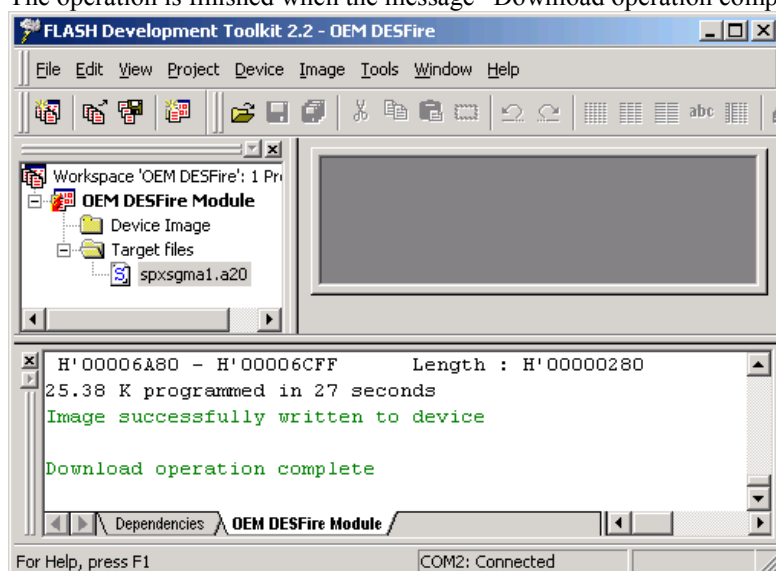
6. Connect product on the “COM1” port
7. Connect the power supply of the product
8. Right-click on it, and choose connect to the device :



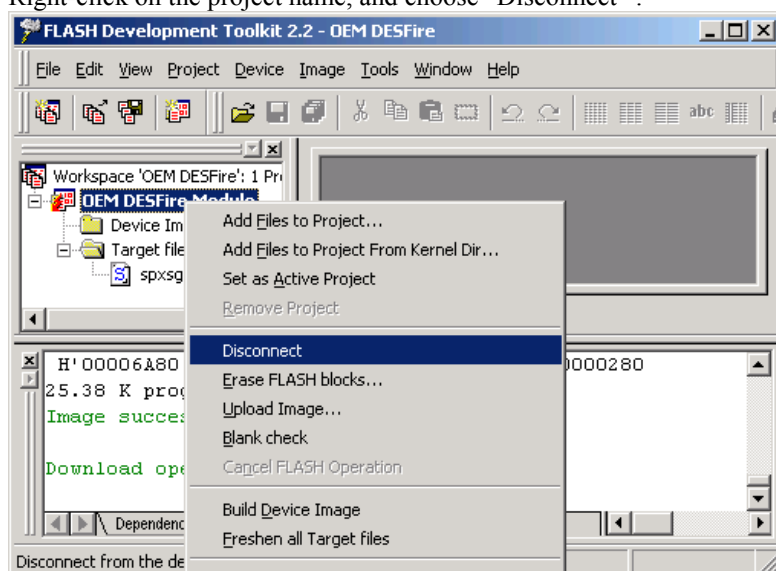
9. When connected, Right click on the file name under “Target files” in the tree view :



10. The operation is finished when the message “Download operation complete” displays :



11. Right-click on the project name, and choose “Disconnect” :



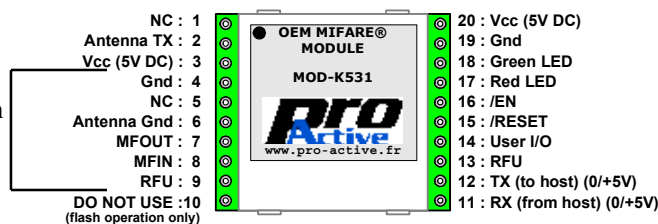
12. Unplug the power supply of the product
13. Exit the product of PROG mode :

CSB-4x



MOD-K531

- Power off the module.
- Release shortcut between pins 4 & 10.
- Power on the module.



Testing the product

1. Open an HyperTerminal session on port COM1
2. See below for the speed rate, parity, and stop.

OEM DESFire Module

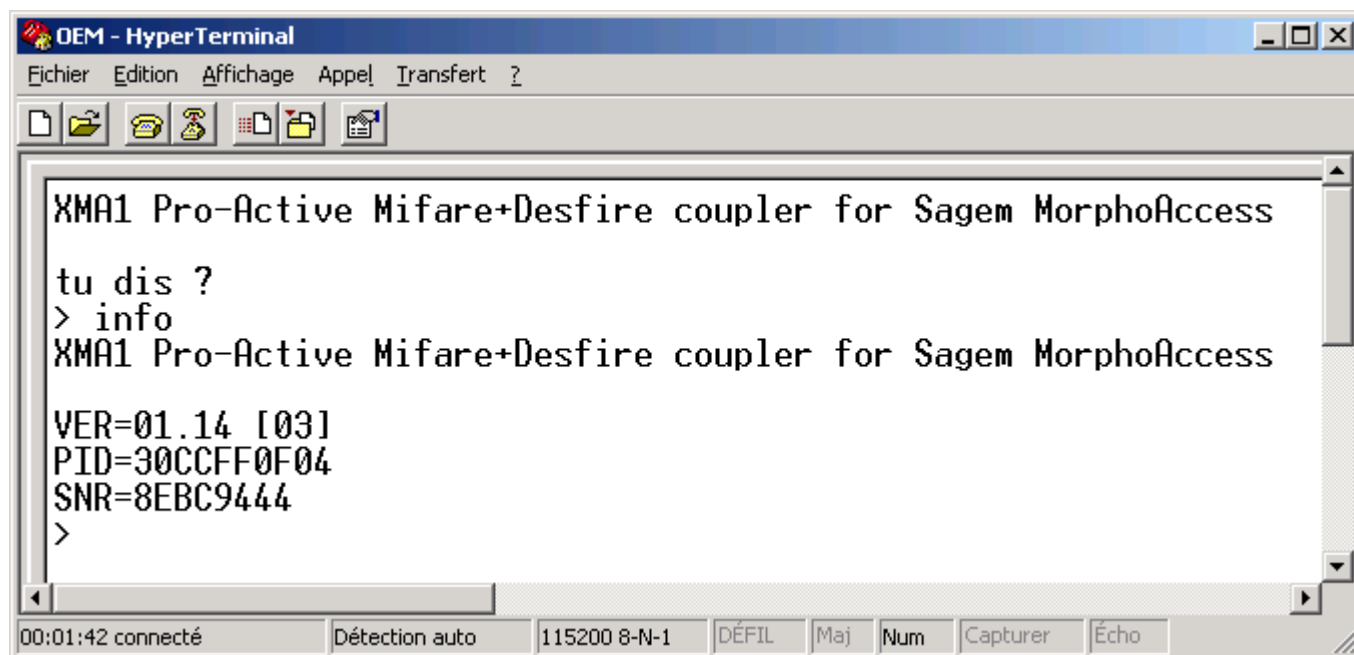
Baud : 115200
Data : 8
Parity : none
Control : none

CSB-4S 13,56MHz

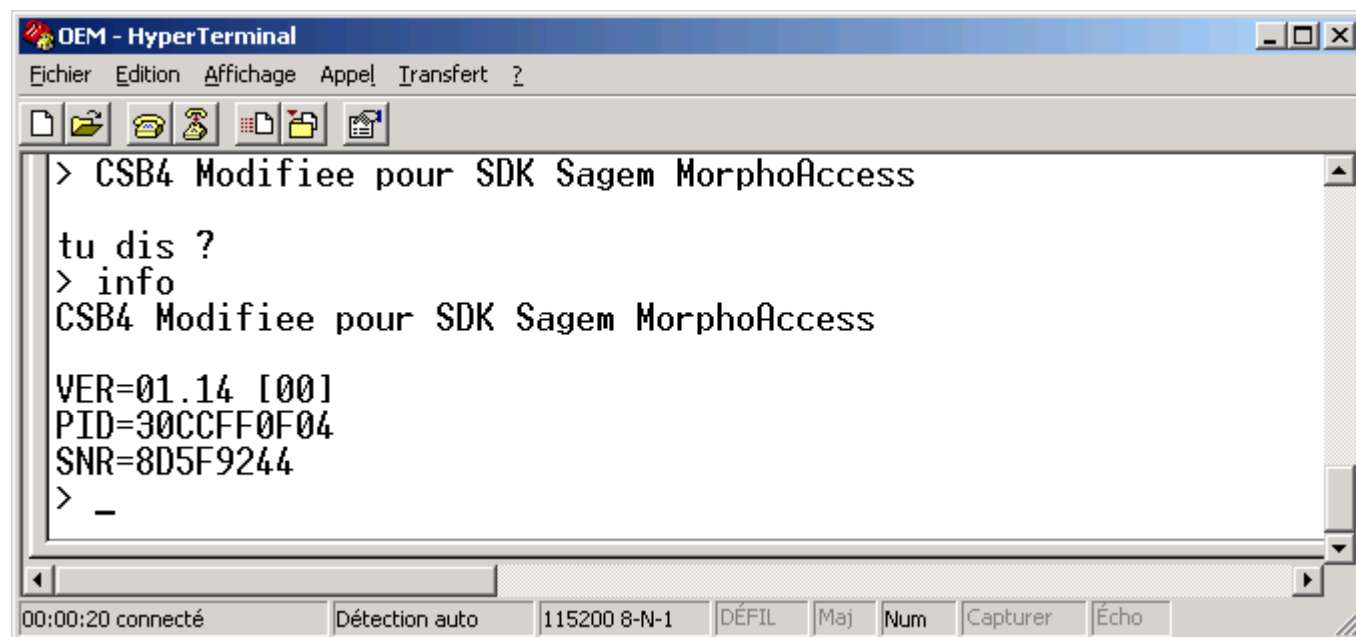
Baud : 115200
Data : 8
Parity : none
Control : none

3. Plug the power supply of the product
4. Press "Enter" key
5. write "info" then press "Enter"
6. See below for the correct response, the lines "PID=" and "SNR=" are different for each product

OEM DESFire Module



CSB-4S 13,56MHz



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