How to flash NBTevo with E-Sys.

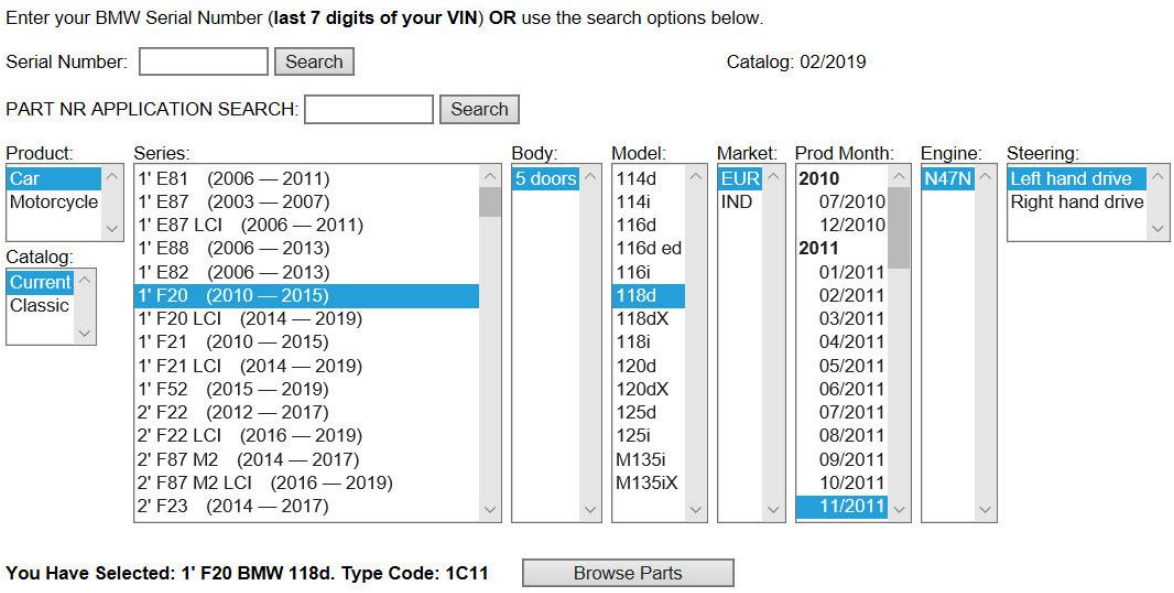
You will need E-Sys 3.30 or upper and **Full** PSZD data 18-11 and upper.

Here is 2011 F20 118d with CIC , which would like to change it to NBTevo ID6.

We need to know some important things before start of retrofitting.

Lets open http://realoem.com and select

F20 2010 – 2015 / Body 5d / 118d /EUR / 07-2011 / LHD



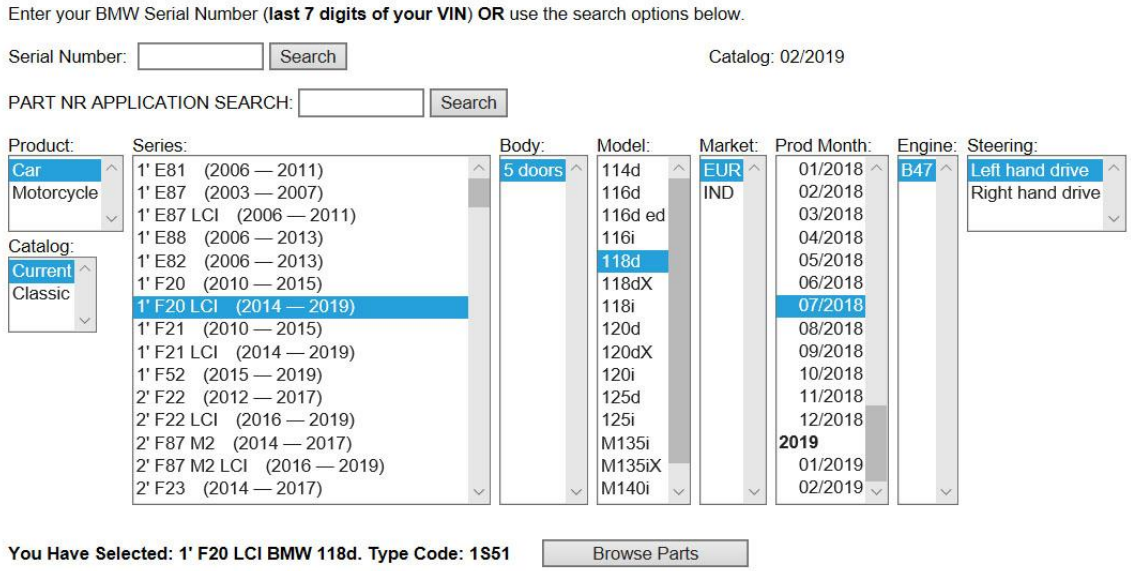
We will see in the bottom - 1' F20 BMW 118d. Type Code: **1C11**

We need to change it to compatible with NBTevo ID5 / ID6

How to find it?

Easy. Let's come back to RealOem.com website.

Select F20 LCI / Body 5d / 118d / EUR / 07-2018 / LHD



And you will see - 1' F20 LCI BMW 118d. Type Code: **1S51**

That's all we need.

You can use same trick with your car. F10 / F20 / F30 / F15 and etc.

All you need to understand, that you need to select same car as your, but in LCI body.

I hope you already installed E-Sys, your Psdzdata is **full** and already unpacked and placed to DATA folder, which E-Sys used.

Now we need to do specify settings for E-Sys , that should be made before start working with it.

All program and user settings can be modified in the menu „Options / Settings".

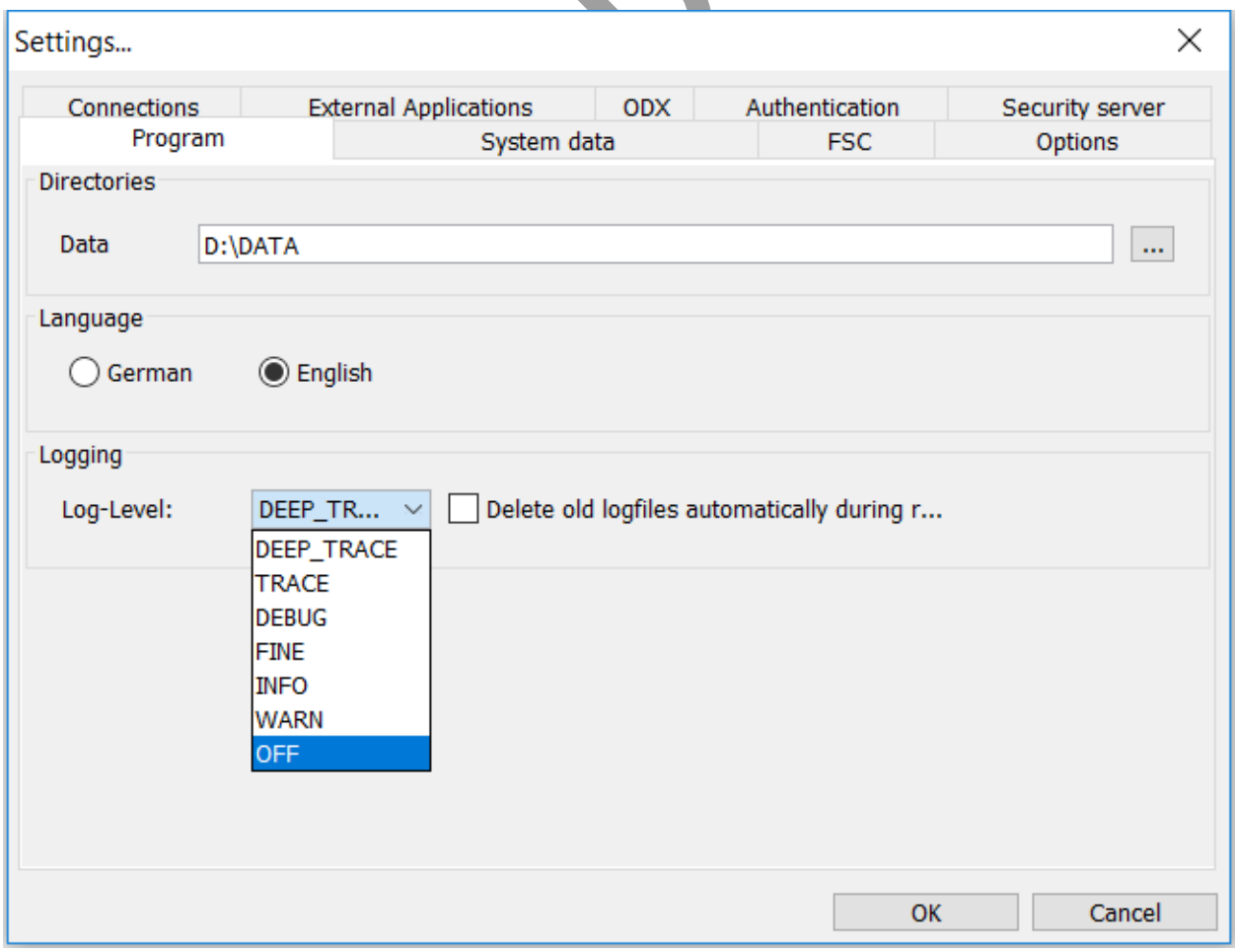
Global settings are specified in the tab „Program"

The following settings can be made:

▪ „Directories": Defines the path for the data folder in which E-Sys data will be stored. This folder will be referred to as <E-Sys_data> in the following sections of this document. The folder <ESys_data>/psdzdata is the location where ODX data is stored.

▪ „Language": Switches the E-Sys GUI from German to English

▪ „Logging": Sets the log level for E-Sys. You can choose NONE.

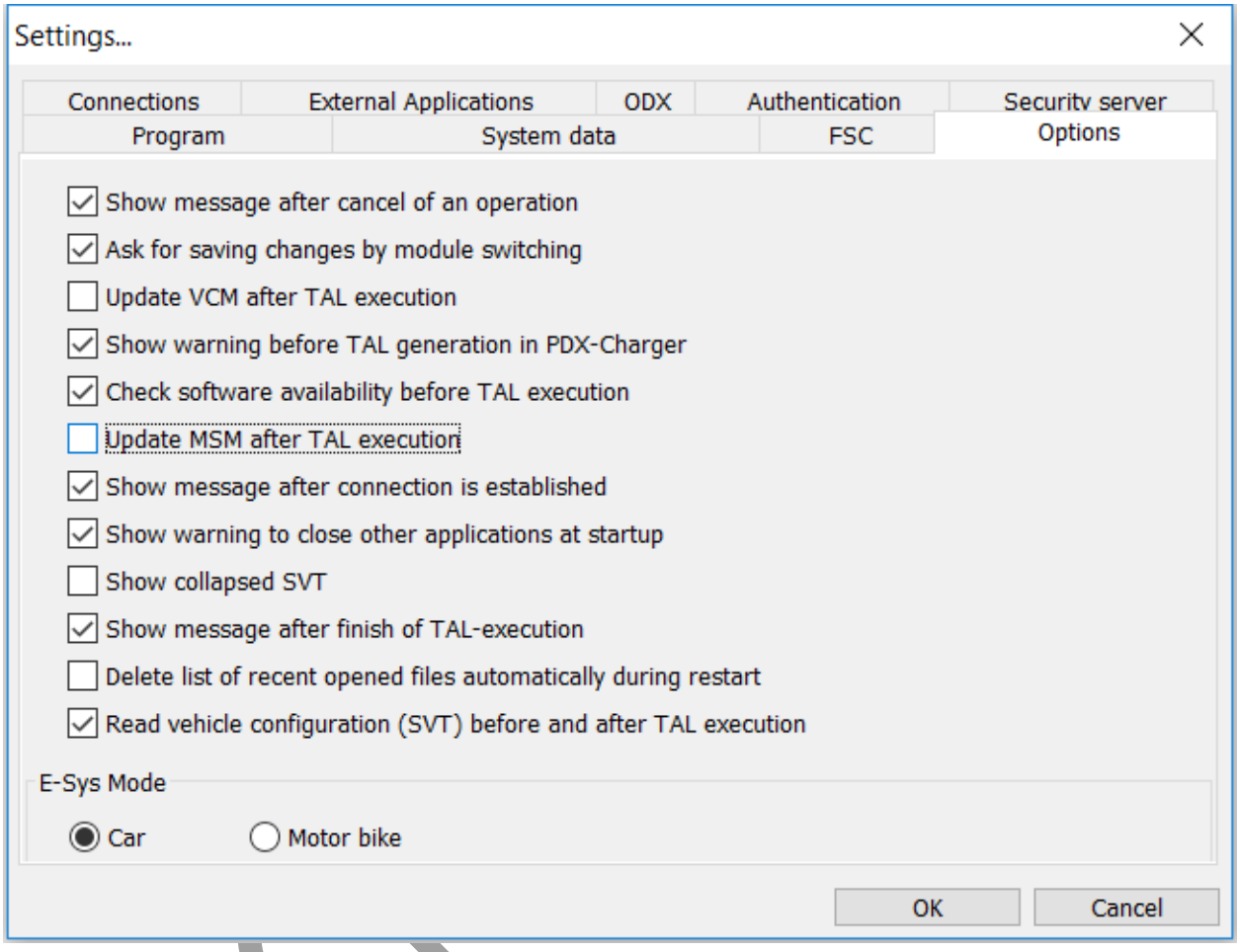


Options

The following settings should be found and changed on the „Options" tab :

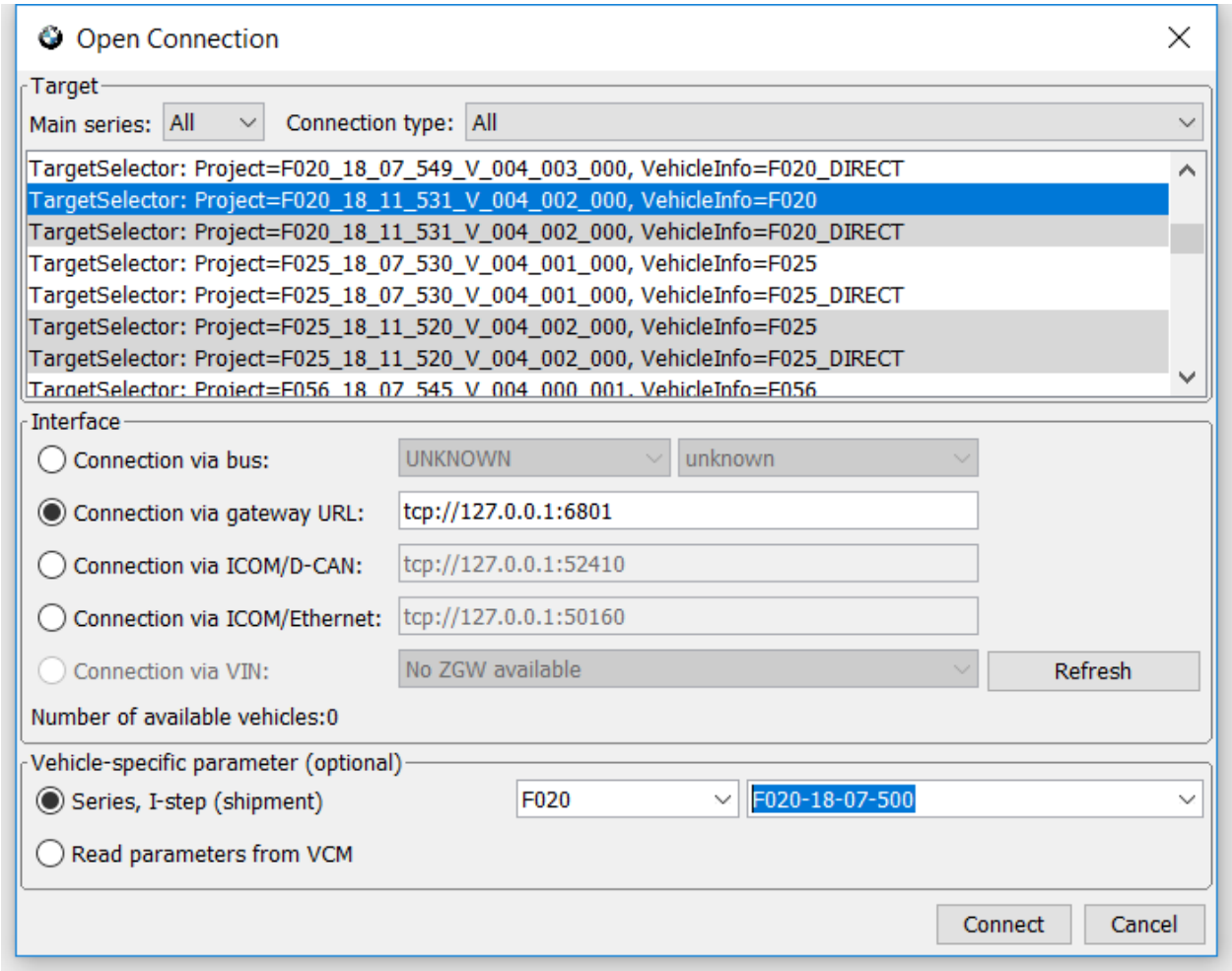
▪ **„Update VCM after TAL execution“:** Defines whether the VCM (Vehicle Configuration Module) will be updated automatically after TAL execution. By doing this FA, FP, I-Step and SVT will be written to the VCM module (currently in the ZGW) and FA and I-Step will be written to VCM backup module (currently in the CAS) after TAL execution. With no CAS available VCM update will cause timeout errors!

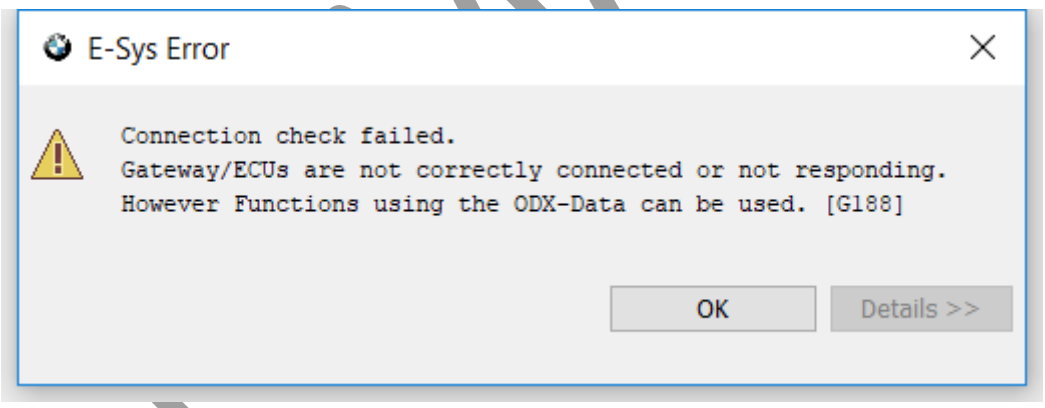
▪ **„Update MSM after TAL execution“:** Defines whether the MSM (Master Security Module) will be updated automatically after TAL execution. MSM update transfers transport keys for all CSM-ECUs (Client Security Modules) to the MSM (currently in the ZGW) and triggers distribution to the CSMs. All affected ECUs are determined by reading data from the VCM in advance.



You need to uncheck both to save your original VO in VCM.

FSC

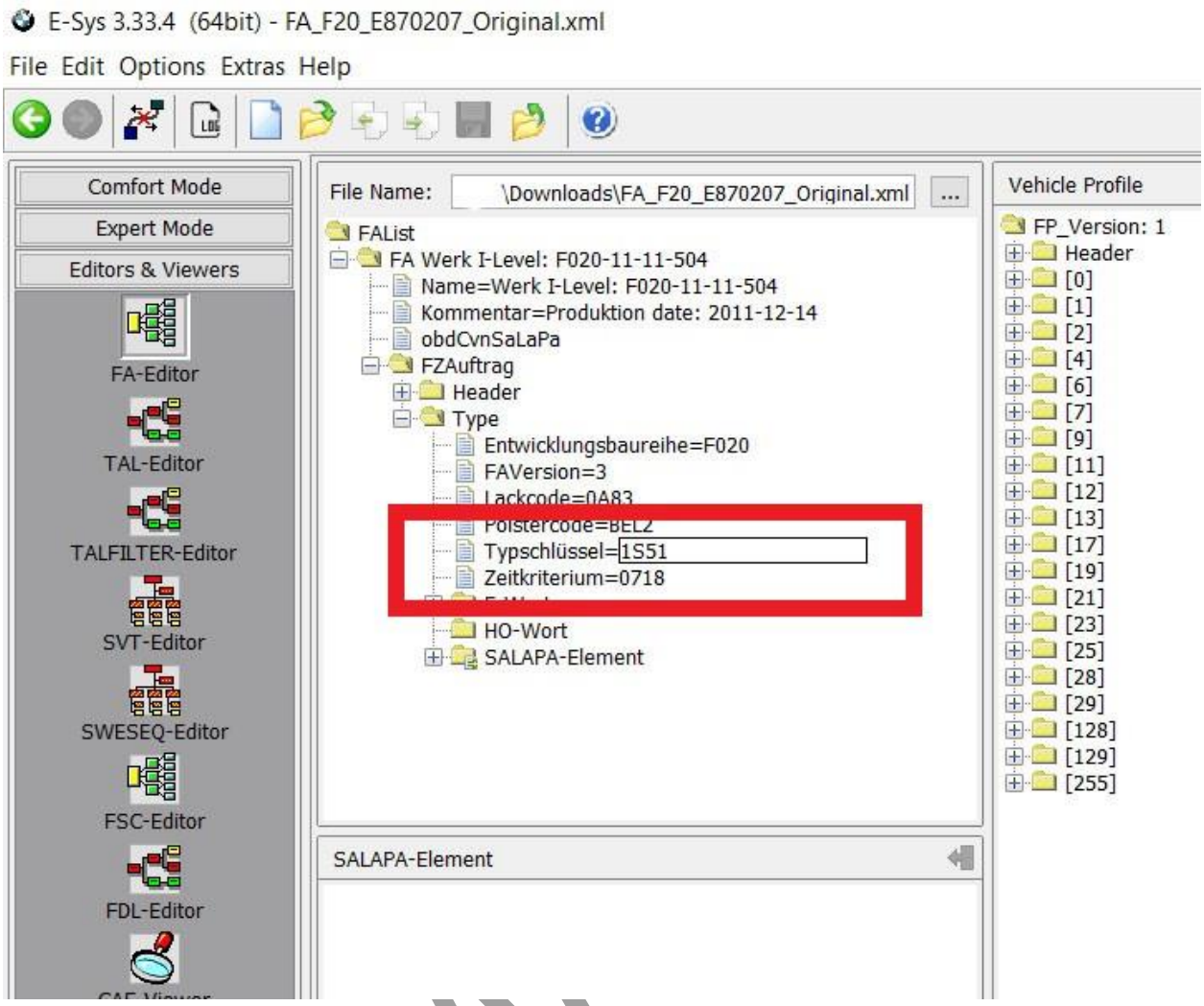




Press **OK**

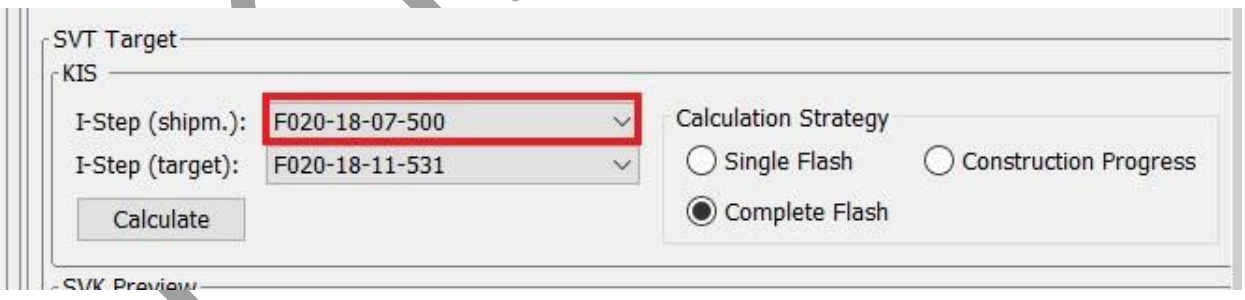
Edit FA to match NBT EVO

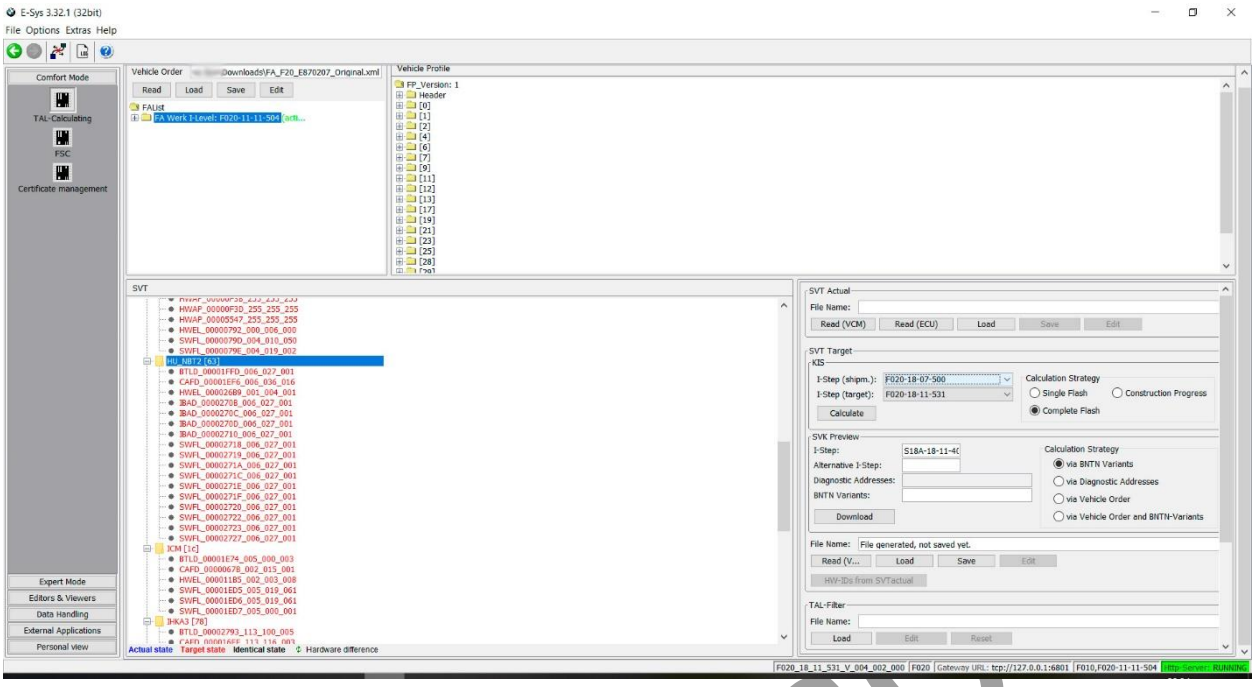
Typschlussel and Zeitkriterium.



Select I-Step shipment in SVT target.

18-07 it's NBTevo ID6 state.





Now you can save that SVT as your shortVIN_NBTevo.xml

So, you have your calculated SVT matched to car and now we need to connect to car.

Open Tal-Calculating in Comfort mode.

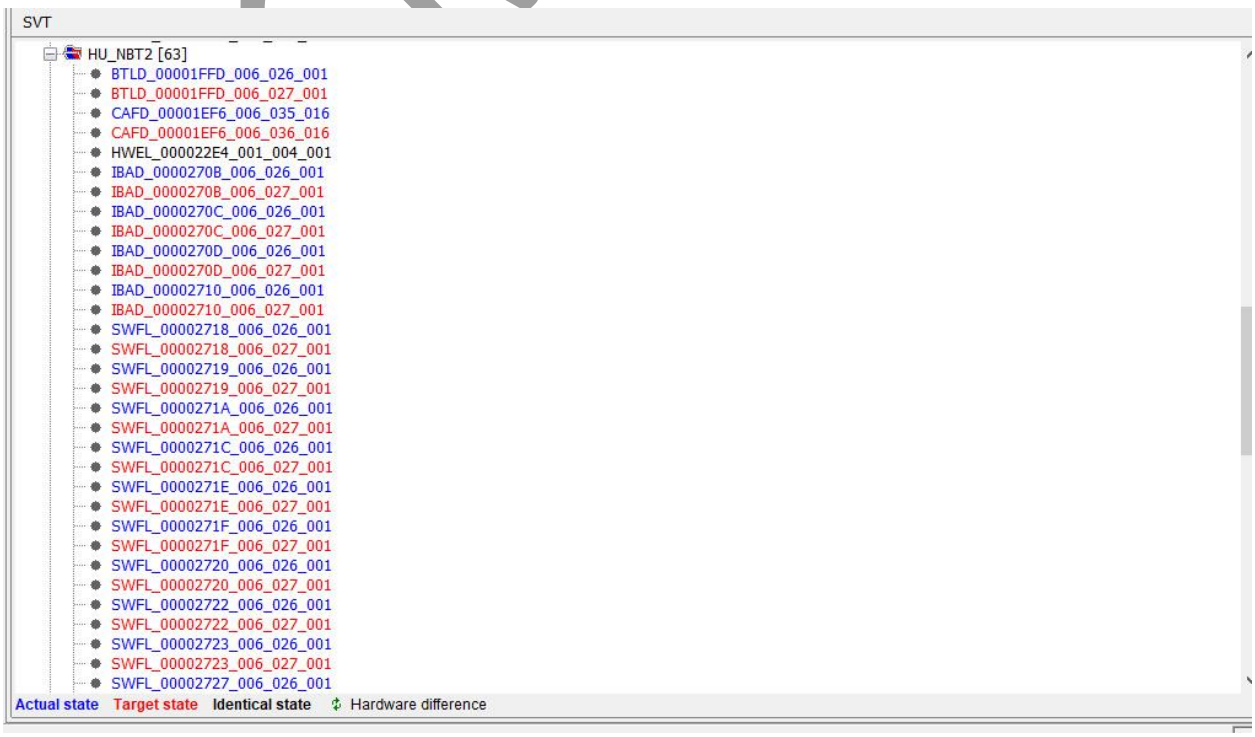
Load your FA by Read button.

Read Actual in SVT Actual menu.

Load your calculated before SVT as SVT Target.

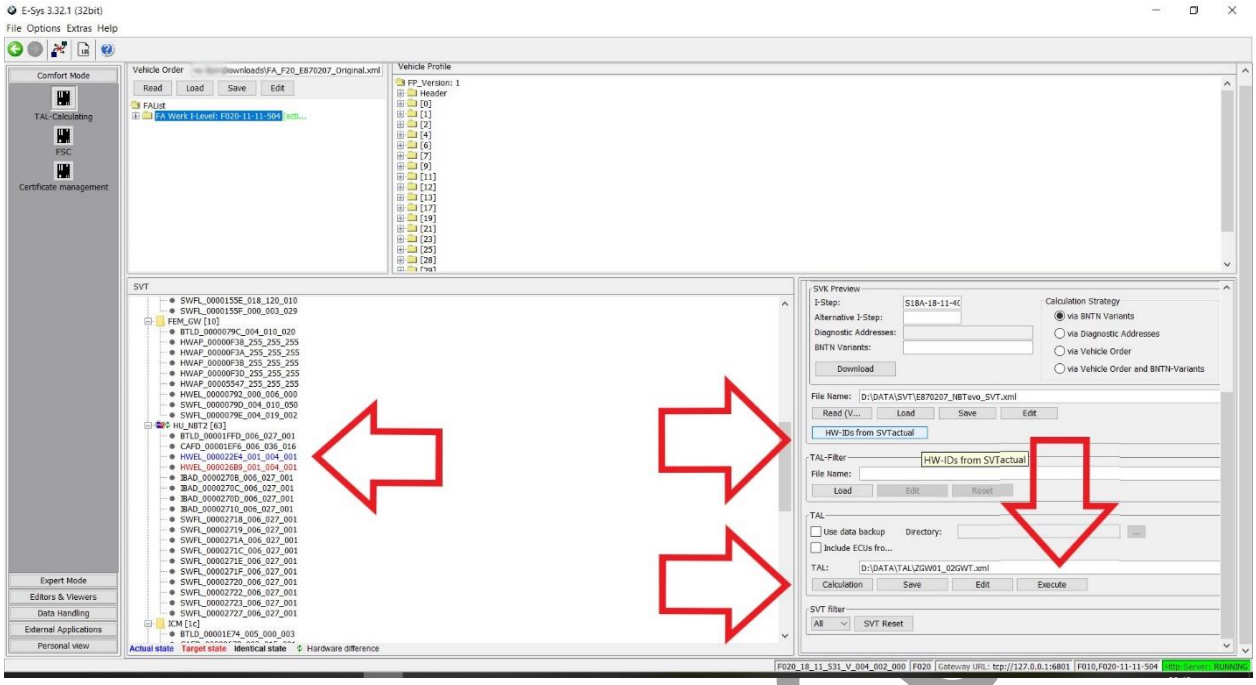
Click button HW-ID's from SVT actual. (It's important!)

It should looks like that :



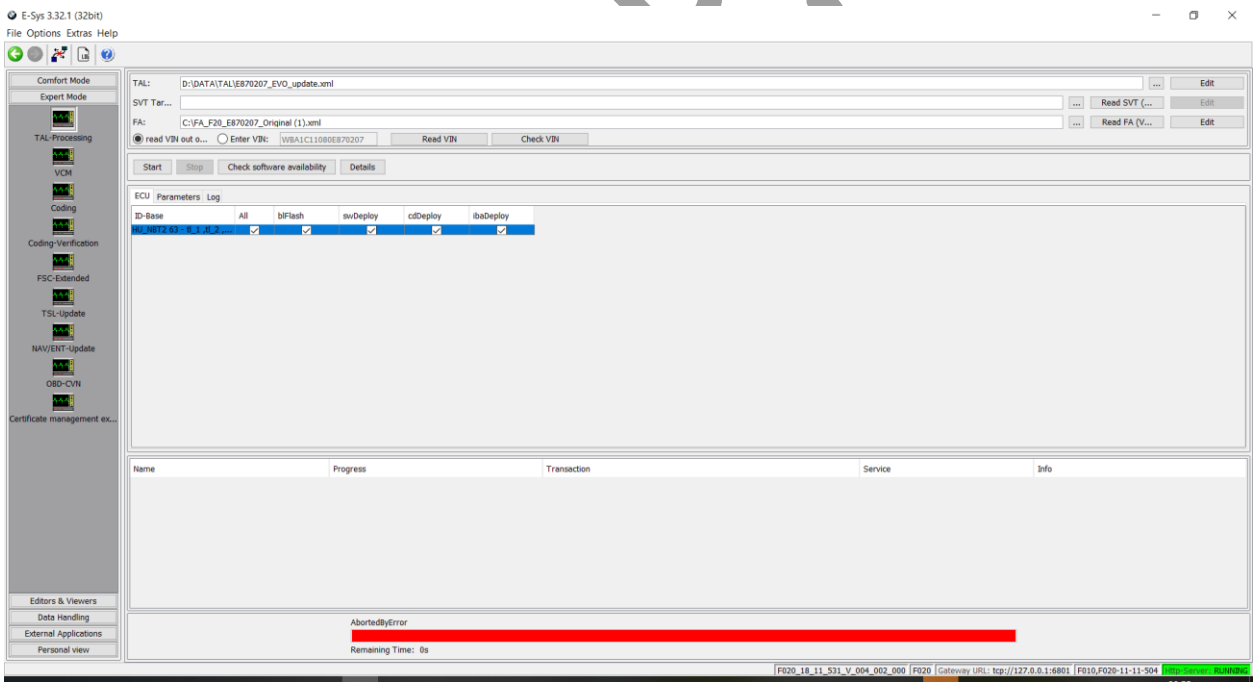
E-MAP.CO

Click Calculation button in TAL menu. Save it.



If you already saved your FA and named it you can click button Execute in TAL section.

Tal processing.



Checkboxes : blFlash, swDeploy , cdDeploy , iaDeploy should be selected.

Now you can check software availability and if you haven't missing parts of SW – you can start flashing by pushing Start button.

FSCMAP.com