

PCD3.M6860

FW update Description



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1 Get FW Version

The FW and Booter Version of the CPU can be read as usual.
Reading the Extension FW and Booter Version is different:

The FW Version can be read over “PG5->Online Configurator->HW Info..”

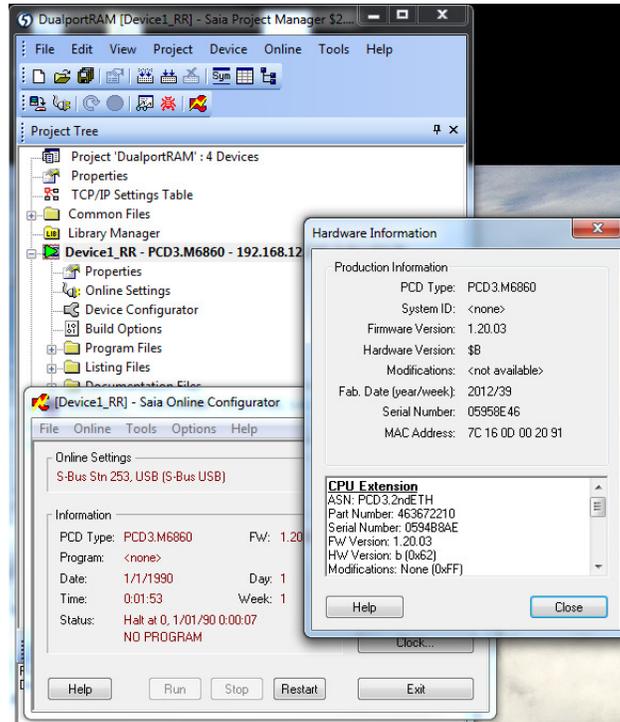


Figure 1-1: Read Extension FW Version

The Booter Version can be read only over tags. Therefore, via the Webserver it is possible to display the tags of the extension. Open http://172.23.3.80/cgi-bin/readVal.exe?NT-Config,Print,Extension,* (with the IP address of your device, Eth1 or Eth2) in a Web browser. The tags are displayed and you can read FW Version, Booter Version and MAC address of the Extension:

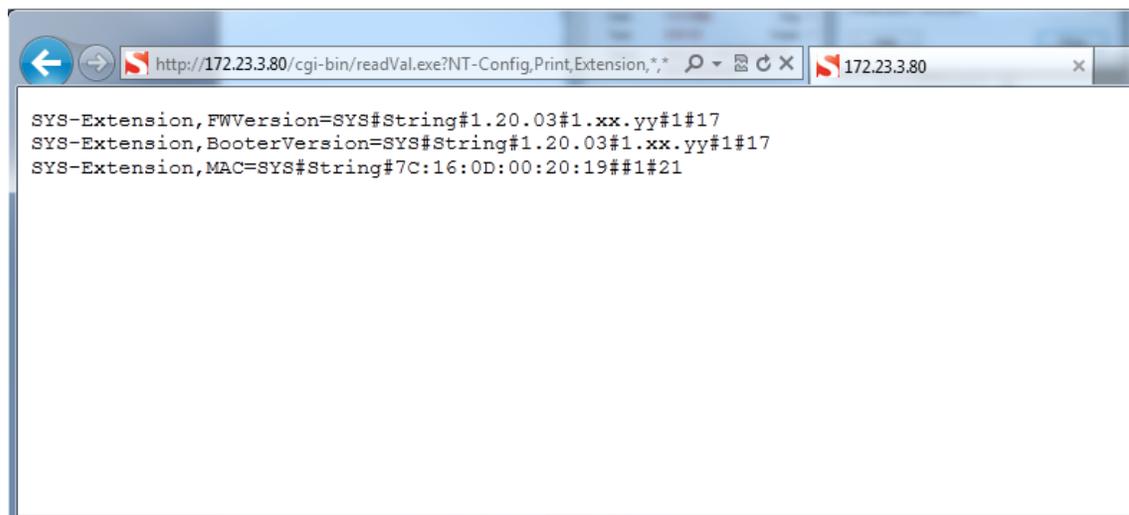


Figure 1-2: Read Extension Booter and FW Version

2 Update order



It is important to accept the following order for a FW update on a PCD3.M6860:

Normal FW update:

1. PCD7.IPEExt (Extension)
2. PCD3.Mxx60 (CPU)

FW and Booter update:

1. Booter.PCD7.IPEExt
2. (Booter.PCD3.Mxx6x, very rare)
3. PCD3.Mxx60
4. PCD7.IPEExt

3 FW update

Update the FW of the CPU (PCD3.Mxx60) and Extension (PCD7.IPEExt) with PG5 2.1 over the CPU (USB, Ethernet, etc., as you wish), as on all other PCD's:

Open the FW downloader in the menu "Tools->Firmware Downloader", choose your FW and download it to your device.

4 Booter update

Some configurations in PG5 have to be made for a Booter update the first time:

4.1 Set Timeout

First, set the Timeout for your Update-Channel to 300ms:

In your Device, set "Online Settings ->Setup ->Timeout" to 300ms if this is not already the case.

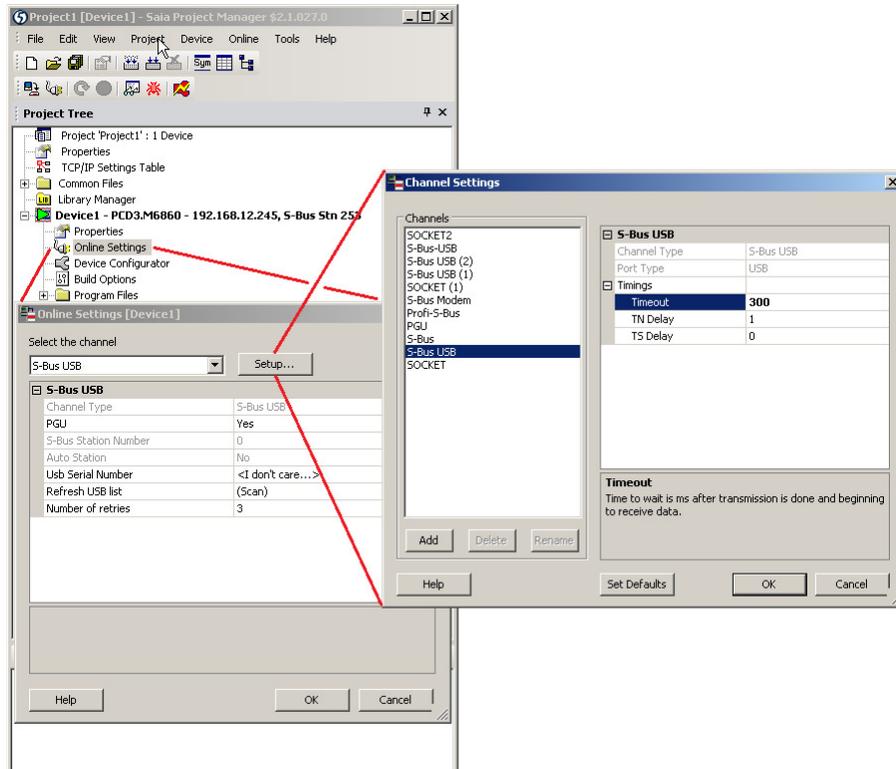


Figure 4-1: Online Settings Timeout

4.2 Create Booter Downloader

The normal “FW Downloader” can’t be used to download a Booter to the Device. Therefore, open in the Menu “Tools->Customize Tools Menu”, then:

1. Add a new Item with the button “New”.
2. Give the item the name “Booter Downloader”
3. Under “Application Path”, choose the File “SFWDnld52.exe” in your PG5 installation directory
4. Type “-boot” to the “Command Line”
5. Confirm with button “Ok”

Now you created the Booter Downloader in the menu “Tools”.
Use always this Tool for Booter downloads.

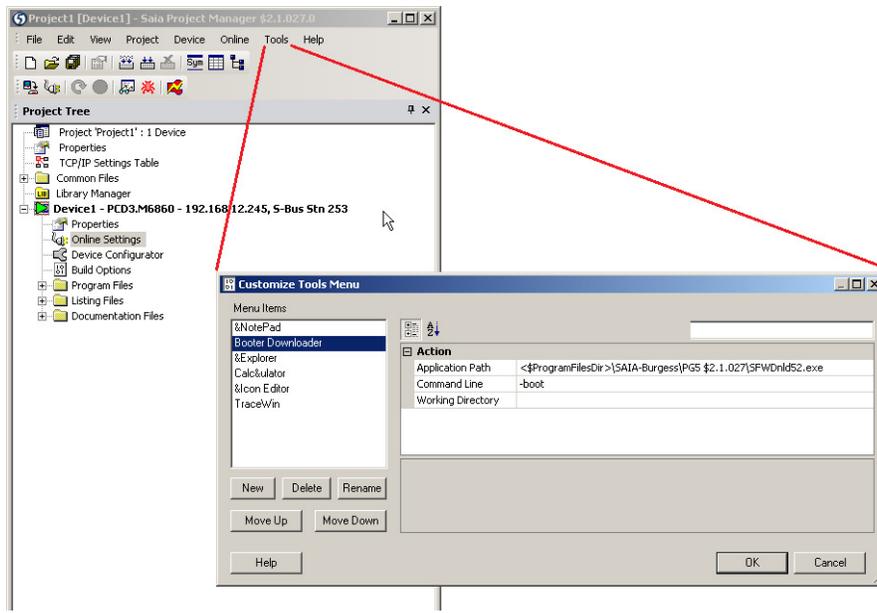


Figure 4-2: Create Booter Downloader

4.3 Booter Download

Open the "Booter Downloader" in the menu "Tools -> Booter Downloader". Choose your Booter, and download it to your device.

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