
Firmware update of IP devices

ABB i-bus tool

GPG BUILDING AUTOMATION

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Despite checking that the contents of this document are consistent with the current versions of the related hard and software of the products mentioned within, deviations cannot be completely excluded. We therefore assume no liability for correctness. Necessary corrections will be introduced as and when new versions of the document are generated.

Introduction

The following content shows the steps how to update the firmware of our ABB i-bus® KNX IP devices. The update procedure is exemplified by the IPR/S 3.1.1!

Objectives of the document

- Target group is mainly the system administrator (planning, installing, programming)

Content

Step 1: Installation of the ABB i-bus tool

The only way to update the firmware of the IP devices like IPR/S 3.1.1, IPS/S 3.1.1 or ABA/S 1.2.1 is the ABB i-bus tool.

You´ll find the latest version here:

<http://www.abb.com/knx>

Step 2: Start the ABB i-bus tool with admin rights

For any firmware update of the mentioned devices the ABB i-bus tool has to be opened with admin rights.

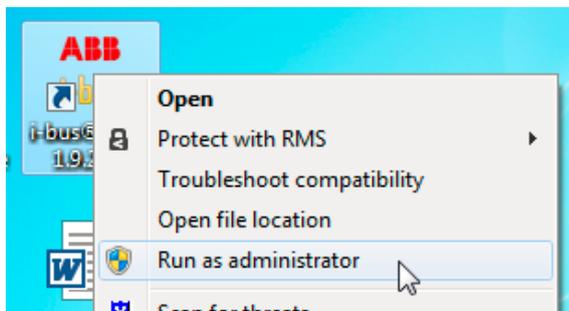


Figure 1 Admin rights

Step 3.1: Download the latest IP firmware update file

If there are any new firmware files available, you´ll get a visual hint.

- ➔ It is necessary to be online!
- ➔ Flashing orange exclamation mark!

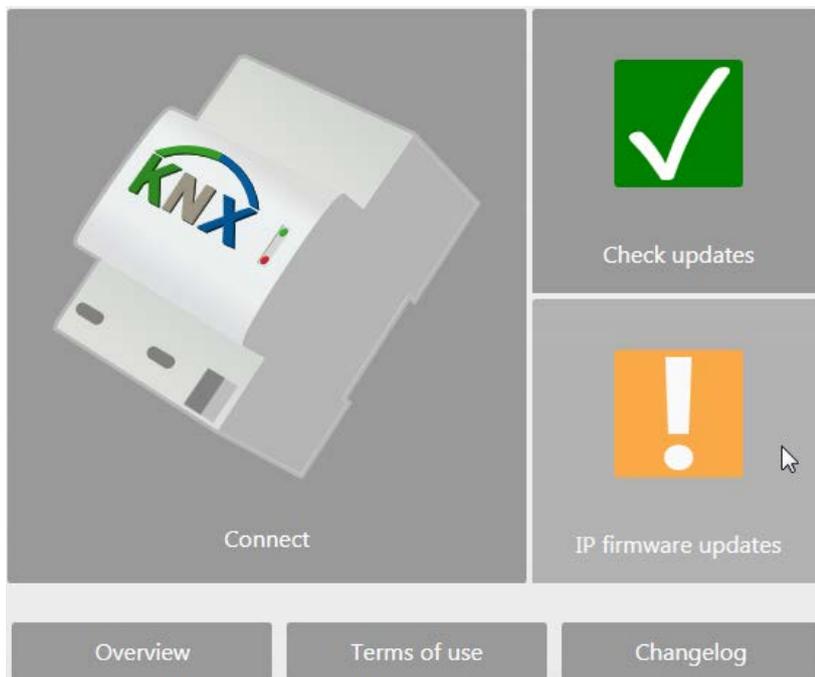


Figure 2 Available firmware files

Step 3.2: Download the latest IP firmware update file

Choose the firmware file in the list of available files for download.

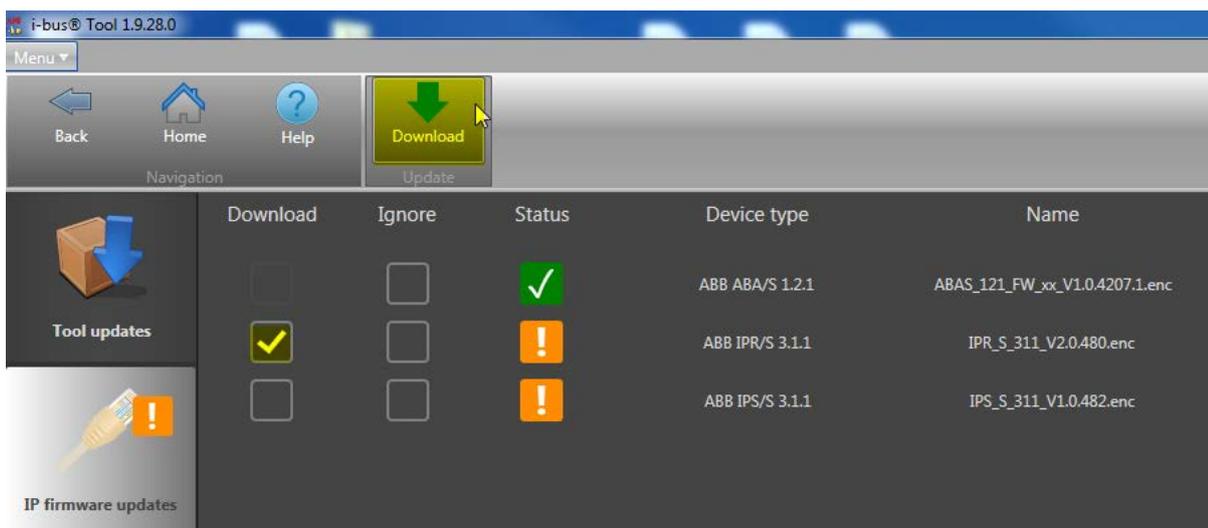


Figure 3 Download the file

Step 3.3: Download the latest IP firmware update file

If the download succeeds, there will be a check.

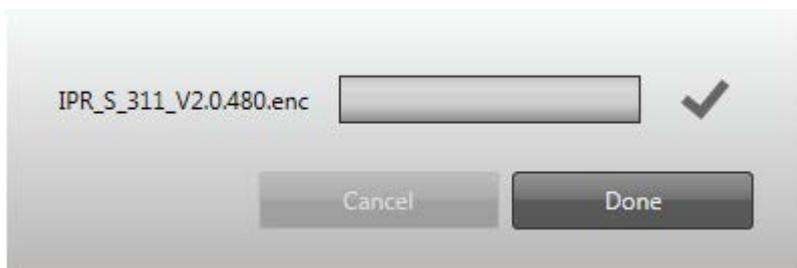


Figure 4 Finished download

Step 4: “Connect” to the ABB i-bus tool

Push the button on the left to move on.

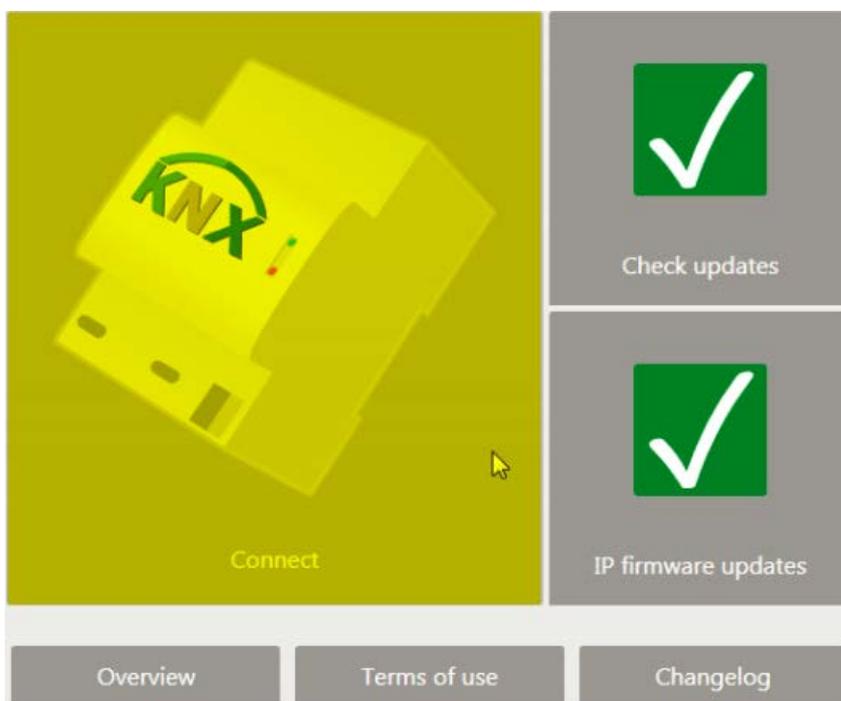


Figure 5 ABB i-bus tool

Step 5: Prepare the update procedure

First it is necessary to change the setting from “Discovery” to “Update”. Secondly switch to the option “IP devices -> IPR/S 3.1.1” in the left menu. Thirdly select the favored device and start the update with the button “Start update”.

If the device has a different firmware than the ABB i-bus tool supplies, it will be shown with a yellow warning triangle in the column “Firmware status”.



Figure 6 Update procedure

Step 6.1: Start the update procedure

Choose the latest available firmware file and start the process. It may take about a few minutes.



Figure 7 Starting the process

Step 6.2: End the update procedure

After a successful update (“Completed”) close the open window (“Done”) and start to parametrize the device with the ETS.

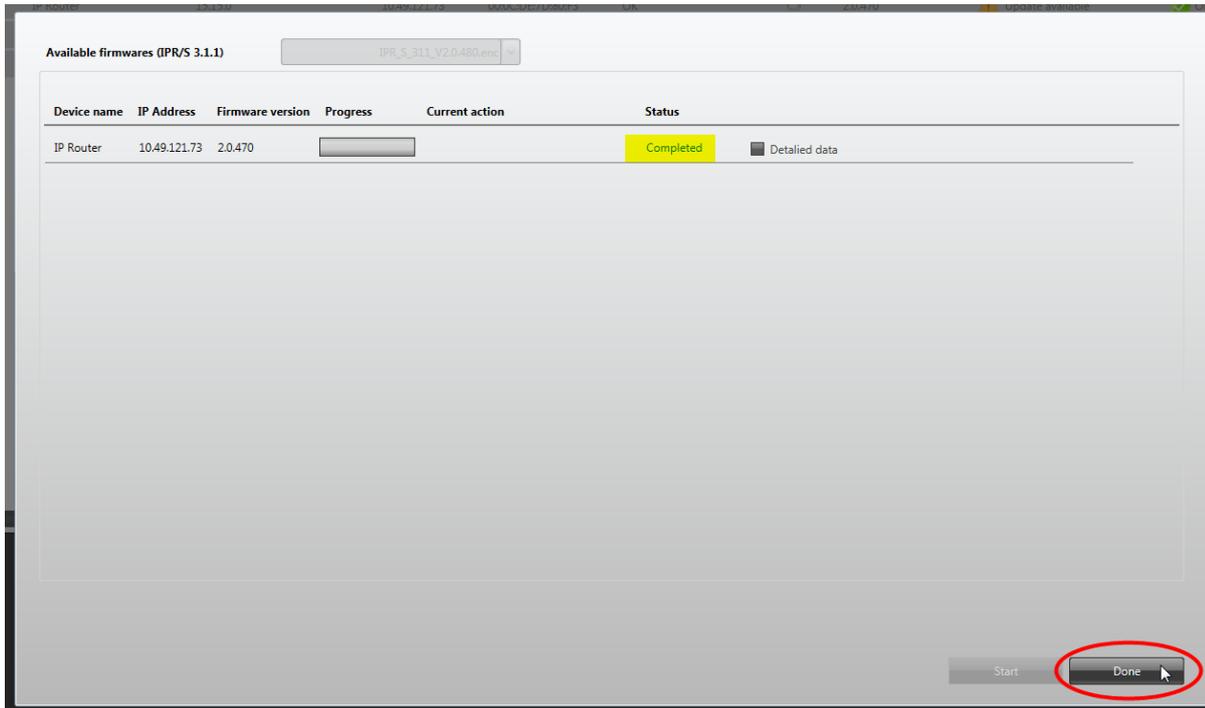


Figure 8 Finished update

References to other documents

- [FAQ Home and Building Automation](#)
- [Engineering Guide Database](#)