Firmware update of IP devices
ABB i-bus tool

Liability Disclaimer:

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

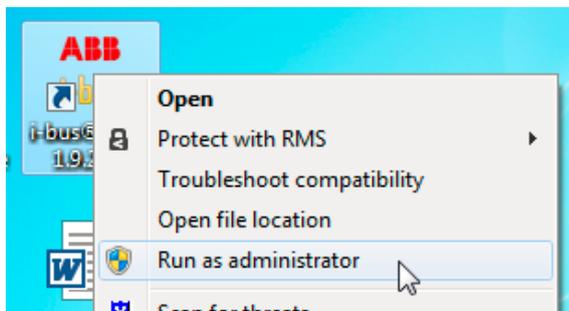For any firmware update of the mentioned devices the ABB i-bus tool has to be opened with admin rights.

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.

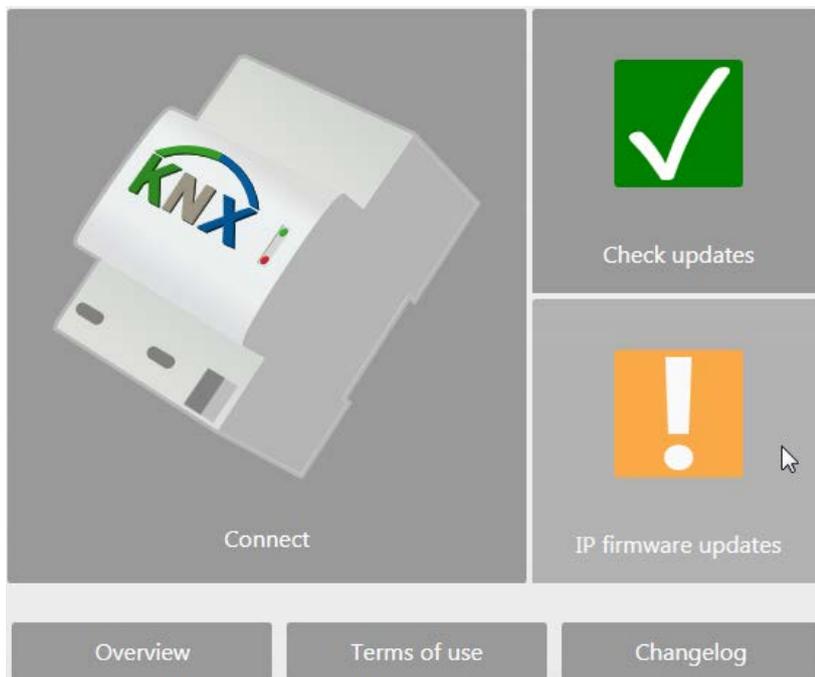➔ It is necessary to be online!
➔ Flashing orange exclamation mark!

Figure 2 Available firmware files

Step 3.2: Download the latest IP firmware update file

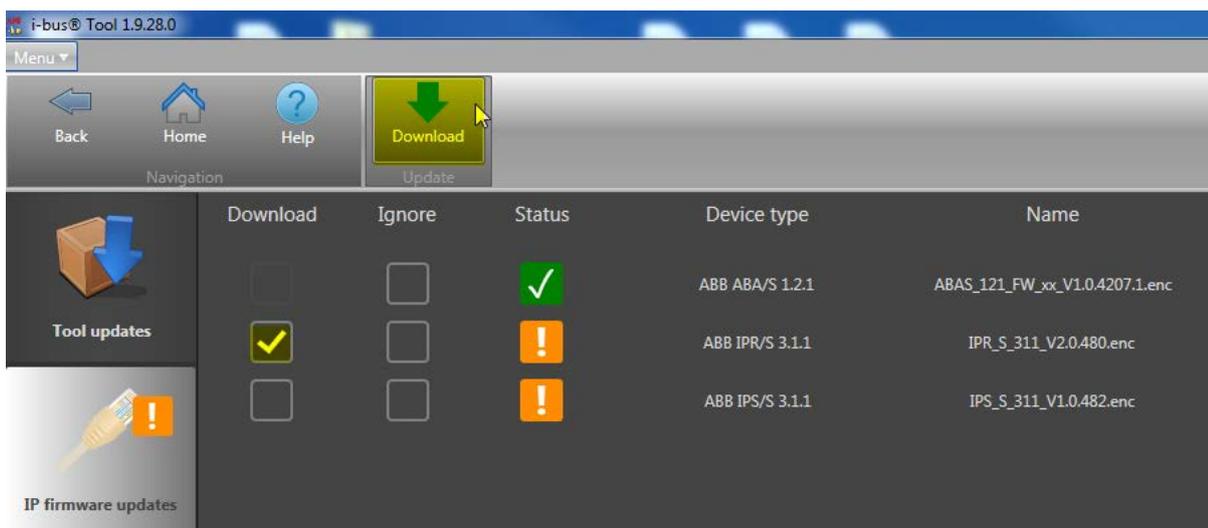Choose the firmware file in the list of available files for download.

Figure 3 Download the file

Step 3.3: Download the latest IP firmware update file

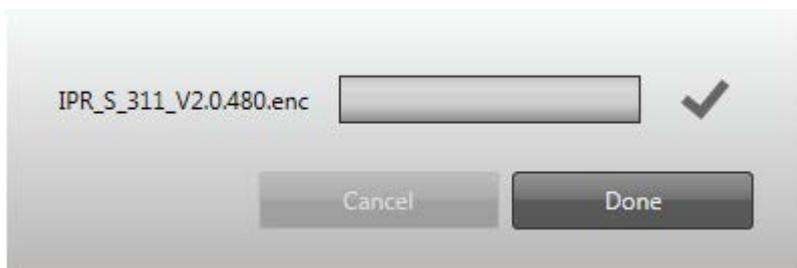If the download succeeds, there will be a check.

Figure 4 Finished download

Step 4: "Connect" to the ABB i-bus tool
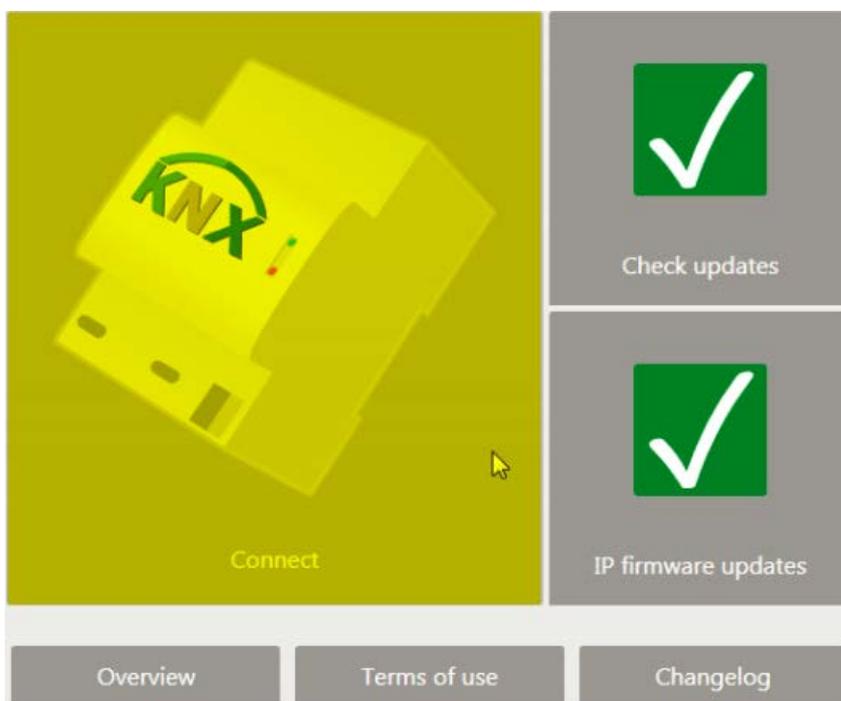
Push the button on the left to move on.

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.
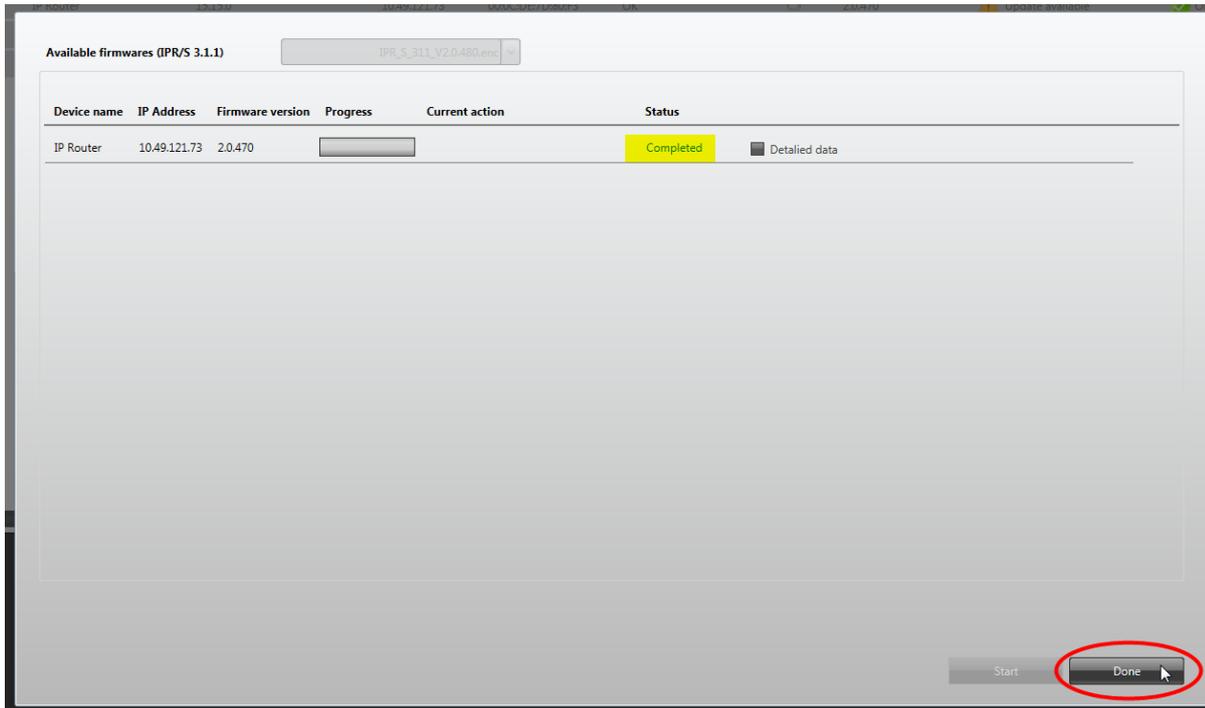

Figure 8 Finished update

References to other documents

- FAQ Home and Building Automation

- Engineering Guide Database