

Firmware Update ETS APP Firmware – Update 2.0

BUILDING & HOME AUTOMATION SOLUTIONS									
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System:	i-bus KNX	Product:	App - ABB KNX Bus Update from ETS 5						
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Introduction

With the help of the ETS APP "ABB Firmware Update 2.0", it is possible to update the operating systems of different ABB KNX components to the latest version without a hardware exchange.

It is becoming more and more important to keep KNX devices up to date in KNX installations. Updates constantly improve and optimize the functionality of the KNX devices.



ABB Firmware-Update 2.0 von ABB Stotz-Kontakt GmbH

The ETS App "ABB Firmware Update 2.0" is used to update the firmware of various ABB KNX devices directly via the KNX bus. The latest firmware files can be downloaded automatically from the Internet or imported manually.

The app can be used with ETS 5 or higher.

Attention: It replaces the app "KNX Bus Update".

The information, which current firmware is already available in the device, can be checked with the help of the corresponding current ETS version.

The corresponding firmware version can be read directly from the device under the menu item "Device info". An overview of which firmware version is currently valid can be found in the respective software information of the KNX device.

Objectives of the document

The target group is mainly the system integrator (planning, installing, programming).

Content

This app can be called from the ETS 5 as well as from the ETS 6. The ABB Firmware-Update 2.0 APP is provided free of charge in the online shop. Only a licensing with the already existing ETS license is necessary there.

Where to find which license entry?

The ABB Firmware Update 2.0 APP is provided free of charge in the KNX Online Shop. However, each ETS APP must also be licensed with the respective existing ETS license before it can be used.

Afterwards, the app license provided by KNX can be inserted into the ETS via the normal installation process.

ABB Firmware-Update 2.0Firmware-Version2.0.30.4093ABB SUG/U 1.1 ConfigurationItABB Update Copy ConvertItETS App Replace UnregItETS5 ProfessionalItETS5 ProfessionalItKNX Bus UpdateItKNX Bus UpdateItMy Product TemplatesItOnline KNX Product CatalogItReconstructionIt	KNX-CD0003AC	KNX-CD0003AC	
Online KNX Product Catalog	ABB Firmware-Update 2.0 ABB SUG/U 1.1 Configuration ABB Update Copy Convert ETS App Replace Unreg ETS5 Professional ETS5 Professional KNX Bus Update KNX Bus Update		3
	Online KNX Product Catalog		

Fig.1: Licensing ETS 5

Installation of the APP software

Apps	+ ¢	10 active / 17 installed		
	Name	Vendor	Version	License
🗸 A88	ABB AC/S Configuration App	ABB	1.0.13.0	A
🗸 A88	ABB Firmware-Update 2.0	ABB	2.0.106.0	
🗸 A88	ABB KNX Bus Update	ABB	1.0.54.0	
🗸 A88	ABB SUG/U1.1 Configuration App	ABB	1.0.32.0	
🖌 A88	ABB Touch DCA	ABB	1.1.16.0	A
🗸 A88	ABB Update Copy Convert	ABB	1.0.145.0	

Fig 2: License overview

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The app license provided by the KNX can be inserted into the ETS via the normal process.

The software of the firmware update 2.0 app must also be installed separately.

abbfirmwareupdatev2.etsapp ETSAPP File 234 KB

After the two steps, licensing and the installation of the app software, the ABB Firmware – Update 2.0 can now be used.

Using the ABB Firmware - Update 2.0 APP

The APP can be started directly from ETS:

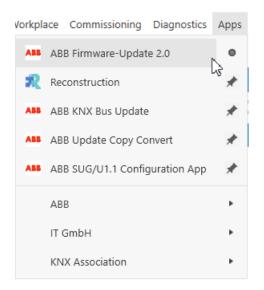


ABB Firmware-Update 2.0 🔻						▲ □ X
Device type: All VDdate to vers	ion: Latest	Updat	e firmware 🏼 📄 Opti	ons 道 Import 🍯	Reload	
Topology Topology In the service of th	A	Address Product	Firmware IP Add	ess Serial Numbe	r Status	
1.0 Hauptlinie (1)	1.0	.0.1 DG/S1.64.1.1 DALI Gateway,Basic,1f,MDRC	0.0.16	0002:643BB550	+ Equal Version	
	Select all	II Select none				
USB Schnittstelle (REG)	 1.1 Neue Linie 					Last used workspace

All relevant data required for updates of the various devices are already available in the APP. These are downloaded by an automatic update "default" of the ABB Firmware Update 2.0 APP. This upload always contains the latest firmware files.

Online connection before the update to compare the firmware versions provided would therefore be recommended.

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Title

The app automatically checks the devices in the open project or affected devices.

ABB Firmware-Update 2.0 🔻									∧ □ ×
Device type: All Vpdate to version:	Latest		Updat	e firmware	Options	import 👌	Reload		
Topology	4	ddress	Product	Firmware	IP Address	Serial Number	Status		
Topology 1 Neuer Bereich (1) 1.0 Hauptlinie (1)	1.	D.1	DG/S1.64.1.1 DALI Gateway, Basic, 1f, MDRC	0.0.16		0002:64388550	+ Equal Version		
	Select al	Select	none						
USB Schnittstelle (REG) . 1.	Neue Linie								Last used workspace

When the scan process is finished, the firmware can be updated from previously selected devices.

Topology In Topology Address Update Firmware of the selected devices Firmware IP Address Serial Number Status Status	Address Update Firmware of the selected devices Firmware IP Address Serial Number Status	ABB Firmware-Update 2.0 🔻						
A III I Neuer Bereich (I)		Device type: ECU12 G18 Y	Update to version:	0.0.16				
		Topology		Address	Update Firmware of the selected devices Firmware	IP Address	Serial Number	Status
				✓ ↓ 1.0.1	DG/S1.64.1.1 DALI Gateway, Basic, 1f, MDRC 0.0.13		0002:643BB550	📕 Update to 0.0.16 possible

It is recommended that the update of the firmware does not run across the entire line, since the telegram load can be too high at about 80% or the update can take longer.

KNX Bus U	pdate			x	
<u>^</u>	The interface seems to be lo recommended to perform th				
			ок	Cancel	
0.16	∼ Statue ✓ ↓ Upda	te firmware 📑 Options	import 👌	Reload	
Address	Product	Firmware IP Address	Serial Number	Status	
✓ ↓ 1.0.1	DG/S1.64.1.1 DALI Gateway, Basic, 1f, MDRC	0.0.13	0002:643BB550	🛨 Updating	2% - Load new firmware

When an update process is started, do not close the open app and do not actively interrupt the update process, otherwise the device being updated can no longer start.

Aborted update processes can be restarted at any time!

.0.16		~	🕨 Updat	e firmware	Options	import 👌	Reload	
	Address	Product		Firmware	IP Address	Serial Number	Status	
	1.0.1	DG/S1.64.1.1 DALI Gateway, Bas	ic,1f,MDRC	0.0.16		0002:643BB550	Opdated	100% - Finished
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If the communication terminates during an update, it is displayed in the tool accordingly.

However, the update can be restarted at any time.

References to other documents

- FAQ Home and Building Automation
- Engineering Guide Database

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