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THORSTEN REIBEL & JUERGEN SCHILDER – OCTOBER 2024

# ABB i-bus® KNX APP-Control Server

## Webinar – Building Academy Smart Buildings

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# Agenda

- From Busch-ControlTouch® to KNX APP-Control Server
- Short overview of the functions
- Configuration and explanation of the new functions

# KNX APP-Control Server History

## 6136/APP-500 Busch-ControlTouch®



- KNX server, a multi purpose device with
  - Visualization (App)
  - Interfacing (Sonos, Philips Hue, ...)
  - Time functions, data logger, alarm
  - Remote access, notifications, logic, ...
- Update to KNX APP-Control Server possible via free of charge firmware V2.x
- Available since 2016

## CT/S 2.1 Busch-ControlTouch®



- Same functions but hardware update
  - New KNX Module (supports TP1-256)
  - Security chip (Communication)
  - RS485 input for future extensions
  - Power connection only via terminals
- Update to KNX APP-Control Server possible via free of charge firmware V2.x
- Available since 2022

## CT/S 2.1 KNX APP-Control Server



- Same hardware as CT/S 2.1 Busch-ControlTouch®
- Firmware V2.x
- Renamed due to various additional and powerful functions
  - New User interface, remote progr.
  - Energy Management, telegram rec.
  - BACnet/Modbus interface, OCPP, ...
- Available since September 2024

# KNX APP-Control Server

## 1<sup>st</sup> Generation – Busch-ControlTouch® - Function Overview

- Scene editor
- Week timer (with astro function)
- Logic scripts (if then ... else...)
- Alarm or malfunction messages over push notifications and e-mail
- Data Logger with diagrams
- RGB/RGBW support
- IP camera
- PTZ support (Axis, Mobotix)
- Presence detection option (local network)
- KNXnet/IP Tunnel functionality
- Philips hue bridge
- UPnP audio (e.g. SONOS)
- TCP and HTTP commands (outgoing)
- Local user (roles and rights)
- Remote access via ABB myBuildings portal
- Smart phone/tablet App, Windows software



# KNX APP-Control Server

## 1<sup>st</sup> Generation – Busch-ControlTouch® - App Visualization

- Switch/push-button
- Dimmer control
- Blind control
- Start scene
- Date/time
- Go to account, menu, page
- RGB control
- Display temperature, brightness, air pressure, humidity, wind speed, ...
- RTC control
- Slider control
- Text static, variable
- IP camera
- Website and App's
- Diagram
- Send command
- Value sender

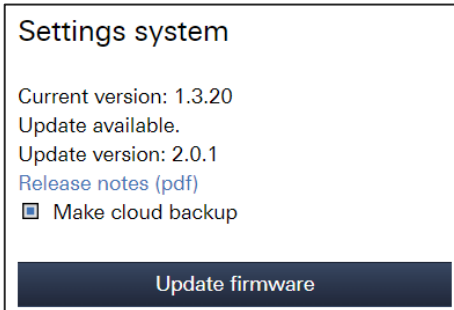




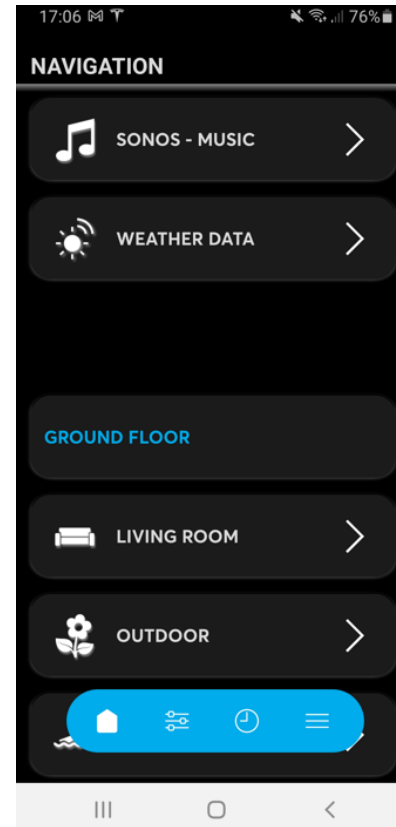
# KNX APP-Control Server

## Actual Status

- First new Firmware Version 2.0.0 had some challenges/bugs
- Version 2.0.1 is available since 9<sup>th</sup> of Oct., released for all devices with Version 2.0.0
- Please note: Update process might take one hour to complete. **Do not turn off the power or reset the device during the update process!**
- Update for devices with firmware 1.3.20 is also available now:

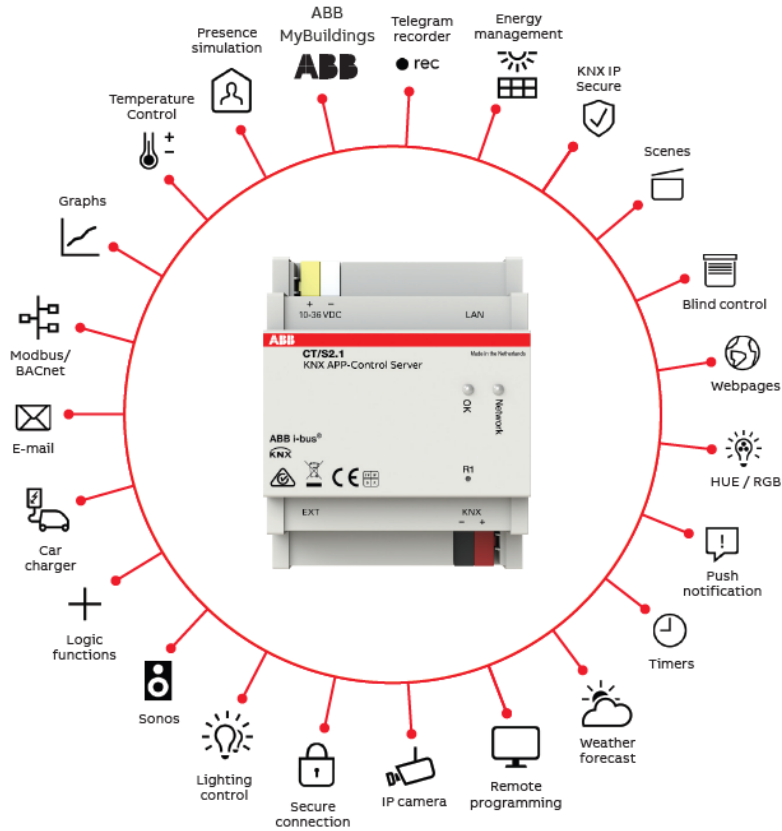


- Under preparation:
- Windows Application for Visualization
- New: Same application for macOS will be available as well
- Widget for Apple iOS 18



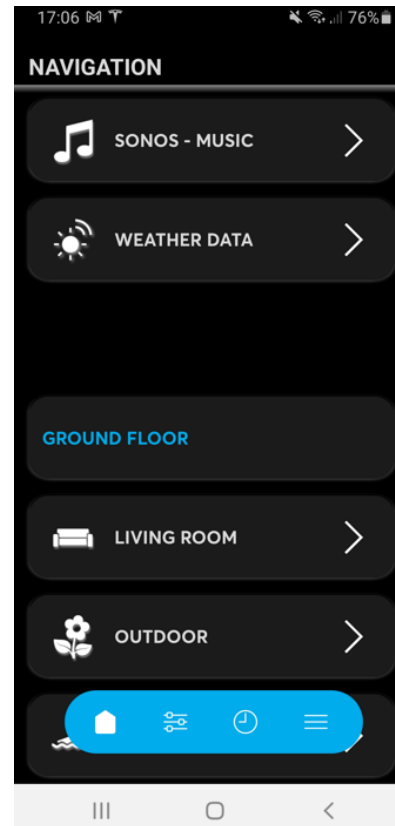
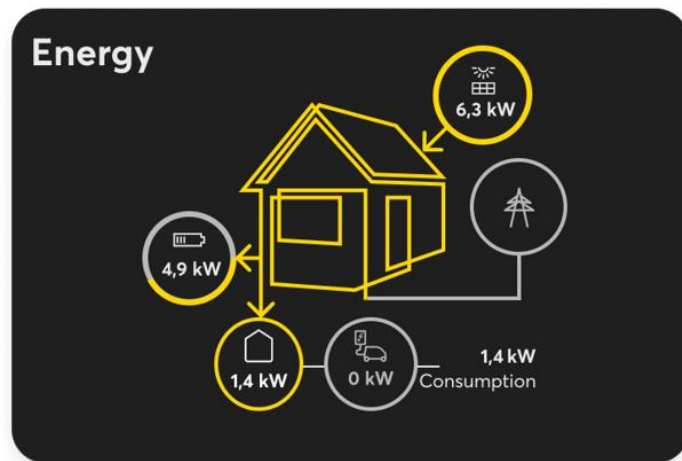
# KNX APP-Control Server

## New Functionality in KNX APP-Control Server



# KNX APP-Control Server

Questions ???

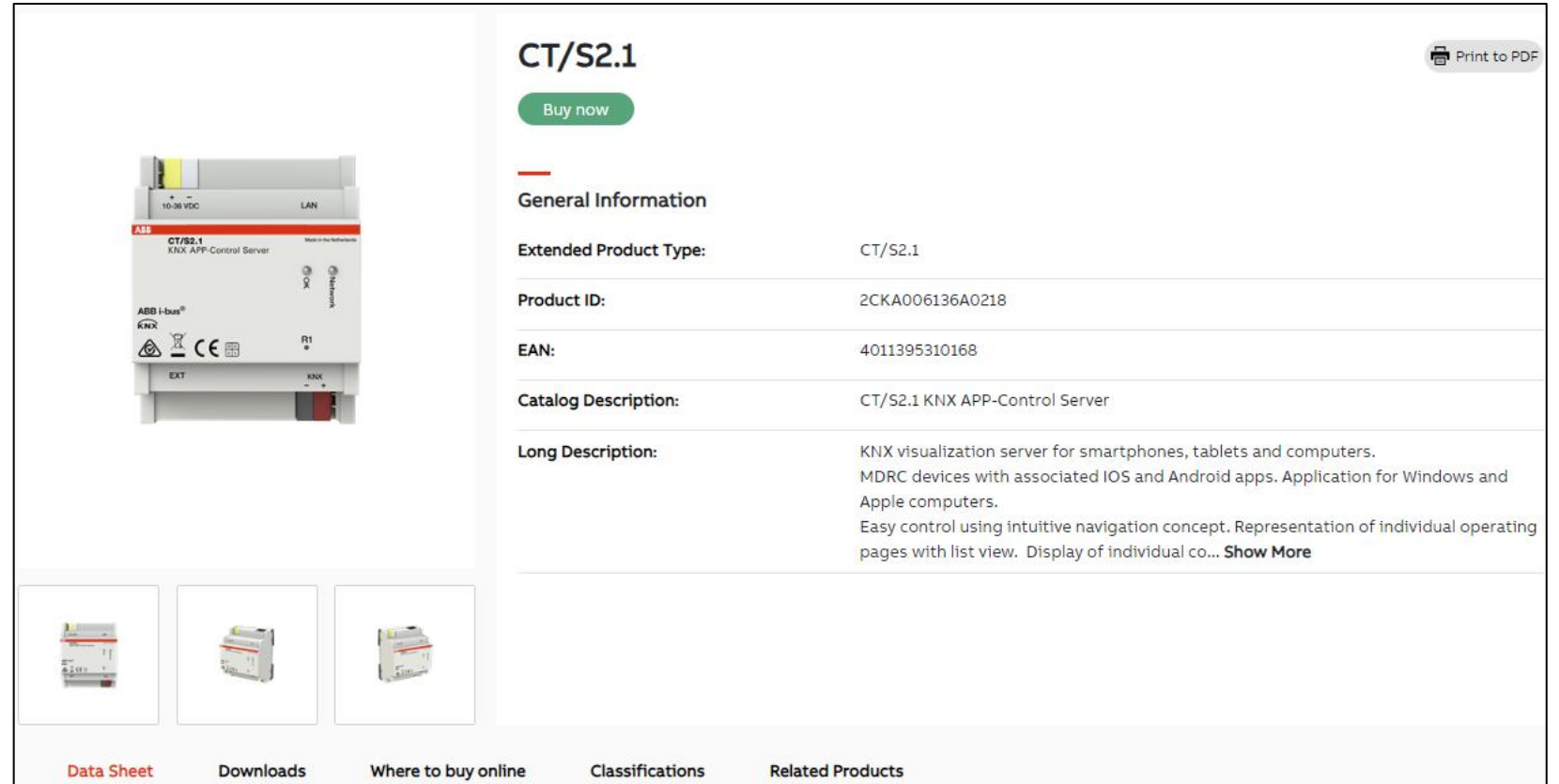




# KNX APP-Control Server

## Homepage

- <https://new.abb.com/products/2CKA006136A0218/ct-s2-1>
- All around the KNX APP-Control Server CT/S 2.1
- [Description New Features](#)
- [Product Manual](#)
- [App Control Connect](#)
- [Windows Application](#) (1.3.0)
- [How to: Firmware Update](#)



**CT/S2.1** Print to PDF

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### General Information

Extended Product Type:	CT/S2.1
Product ID:	2CKA006136A0218
EAN:	4011395310168
Catalog Description:	CT/S2.1 KNX APP-Control Server
Long Description:	KNX visualization server for smartphones, tablets and computers. MDRC devices with associated IOS and Android apps. Application for Windows and Apple computers. Easy control using intuitive navigation concept. Representation of individual operating pages with list view. Display of individual co... <a href="#">Show More</a>

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