Technical Manual

State 06/2026 - Version 1.0

Device configuration app

MDT KNX VisuControl Plus DCA

Further documents:

Data sheets:

https://www.mdt-group.com/for-professionals/downloads/datasheets.html

Assembly and operating instructions:

https://www.mdt-group.com/for-professionals/downloads/assembly-and-operation-instructions.html

Solution proposals for MDT products:

https://www.mdt-group.com/for-professionals/tips-tricks.html

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2 General

The DCA (Device Configuration App) is an add-on module within ETS, provided by the respective manufacturer. It enables the configuration of device-specific functions that go beyond the standard scope of parameters of ETS.

To use the DCA, the corresponding program file ending in “*.etsapp” must be installed in ETS 5 or ETS 6.

After successful installation, the add-on is available in the device view and can be opened directly from there.

2.1 Functional description

MDT KNX Touch Panel VisuControl Plus is entirely configured in the manufacturer’s Windows software (www.mdt-group.com). After project planning is complete, the created project is exported and imported in the corresponding DCA within ETS.

While importing the project file in “*.etsvcp” format, all of the required KNX communication objects are automatically created in the ETS. These are immediately available for further integration and linking group addresses. The objects do not have to be created manually.

Aside from the DCA, the touch panel’s KNX application is also required for operation. After setting parameters and creating links, the DCA also enables the export of the existing configuration in the MDT KNX Touch Panel VisuControl Plus 8″.

3 Installation

This program add-on can be used both in ETS 5 and ETS 6.

The device configuration app (DCA) for the respective device is available for download free of charge in the KNX Association's online shop and on the MDT technologies GmbH website.

3.1 Downloading the program file

The program file can be downloaded both via the KNX Association's shop and our website.

3.1.1 Downloading the program file from KNX.org

Note: A user account with a valid KNX ID is mandatory to order a DCA from the KNX Association.

On the platform my.KNX.org/en/index, an overview of all available apps and DCAs can be found under the menu item "See All Apps". Using the search filter "ETS developer apps" and by selecting "MDT technologies GmbH", only apps and DCAs provided by MDT will be shown. This way, the desired DCA can be found easily.

The order is started via the order menu item. After the order is completed, the DCA will be available for download in the user account under "Account" → "Products". The file ending in "*.etsapp" can then be downloaded and saved in a suitable location.

Figure 1: QR code – KNX download page

3.1.2 Downloading the program file from MDT-group.com

The current DCA version can be found on our website in the download area under https://www.mdt-group.com/for-professionals/downloads.html .

Figure 2: QR code – MDT download page

3.2 Installation

3.2.1 Installation in ETS 5

On the start screen of ETS 5, the “Apps” menu item can be found on the right side of the bottom status bar (see Fig. 3, marked red). Installed program add-ons are managed and new add-ons are installed here.

After opening the “Apps” window, the “+” button can be used to install a new app. A window opens where the previously downloaded file ending in “*.etsapp” can be selected to start installation.

Figure 3: ETS 5 status bar

3.2.2 Installation in ETS 6

The DCA can be installed in ETS 6 via the “Settings” → “ETS apps” menu.

Installation is started with the “+ install app” menu item. A window then opens where the corresponding file ending in “*.etsapp” can be selected and installed.

4 Using the DCA

Using the DCA is functionally identical in ETS 5 and ETS 6.

Depending on the ETS version used and the selected parameter settings, there may be slight deviations in the display and user interface.

4.1 Starting the DCA

After adding the application program for the MDT KNX Touch Panel VisuControl Plus 8″ to the ETS project, the corresponding DCA is automatically linked with the application and is immediately available.

If the “DCA” tab – as described in Section 4.1.1 or 4.1.2 – is not shown, either no matching DCA is installed or the application and DCA versions are incompatible. If this is the case, check whether the correct DCA is installed, which is compatible with the application version used.

4.1.1 Starting the DCA in ETS 5

When opening the application program, an addition tab named “DCA” is now shown in the lower part of the screen next to the “Group objects”, “Channels” and “Parameters” tabs.

Via this tab, the corresponding device configuration app can be started directly in the device view.

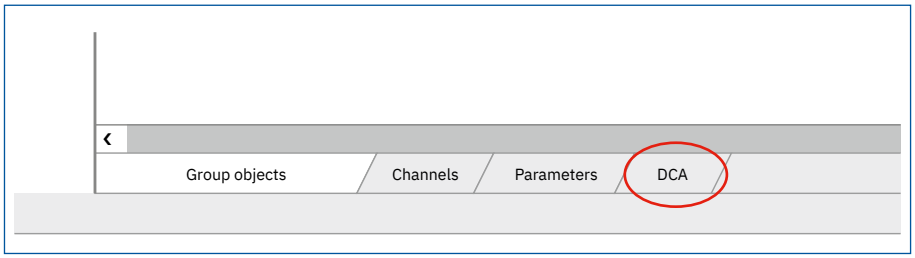

Figure 4: DCA tab in ETS 5

The configuration program opens by clicking this tab.

4.1.2 Starting the DCA in ETS 6

When opening the application program, an addition tab named “DCA” is now shown in the upper part of the screen next to the “Group objects”, “Channels” and “Parameters” tabs.

The corresponding device configuration app can be started directly in the device view via this tab.

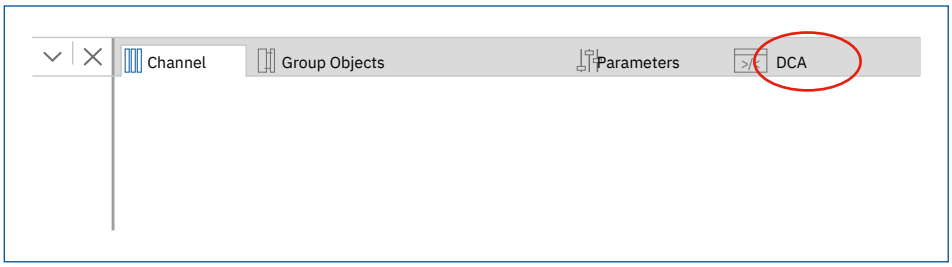

Figure 5: DCA tab in ETS 6

The configuration program opens by clicking this tab.

4.2 Structure and operation

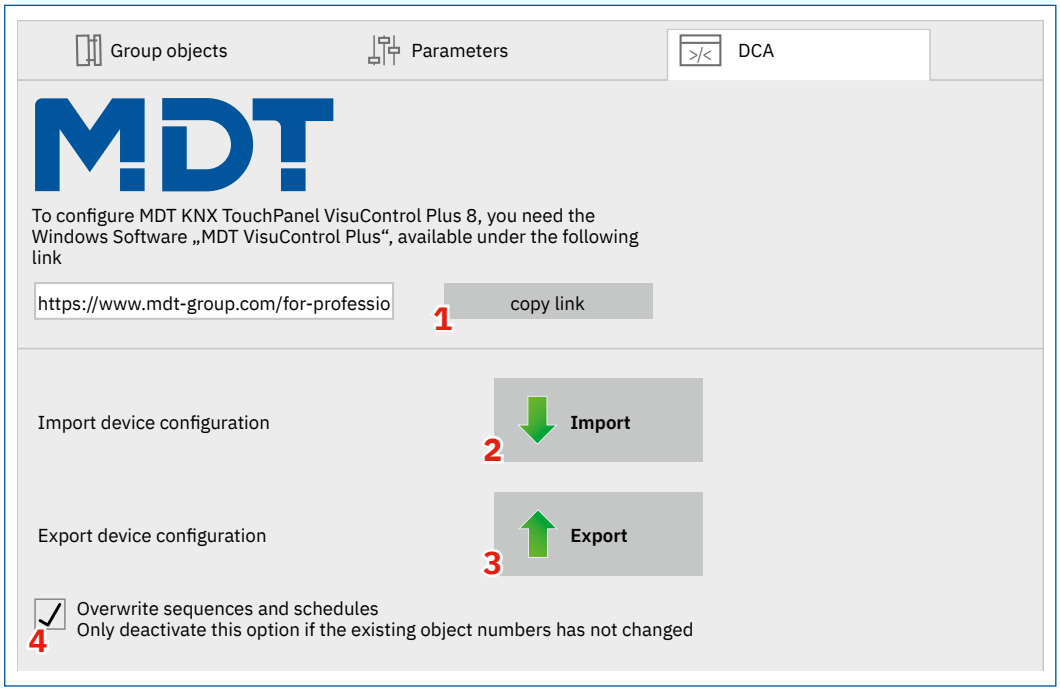

Figure 6: Structure and operation

Copy link button (1)
By clicking this button, the download link for the “MDT VisuControl Plus” Windows software is copied to the clipboard, which is needed to configure the MDT KNX Touchpanel VisuControl Plus 8″.

You can also scan the QR code shown on the right with a mobile end device to open the download page directly.

Figure 7: QR code to download page

Import button (2)
With this button, the file previously exported with the “MDT VisuControl Plus” software with the format “*.etsvcp” can be imported in the ETS project.

The corresponding communication objects are then automatically created in the project for every included data point. They do not have to be created manually.

Export button (3)
With the export function, information embedded in an ETS project can be exported in “*.etsvcp” format. This file can then be processed further in the “MDT VisuControl Plus” software.

In this way, it is still possible to adapt the visualisation project even if only a KNX project file exists and a separate visualisation project is not available.

“Overwrite sequences and schedules” button
This button defines whether sequences and schedules already saved in the ETS are overwritten upon import or export.

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6.0 Appendix

6.1 Disclaimer

Despite careful inspection of content for compatibility with hardware and software, deviations cannot be fully ruled out. No guarantee can therefore be given that it is completely free of errors.

Necessary corrections shall be taken into account in future versions of this document.

Technical changes and errors reserved.

6.2 History

V 1.0	First version of the manual	DCA V 1.0.0.0	06/2026