1 Introduction

This overview provides a concise description of how to use the MDT Touch Panel VisuControl Plus to visualise and operate KNX devices in smart homes, without going into detail about specific functions.

Further information can be found in the respective technical manuals of the individual software components, which are available for download.

2. Installation and system preparation

2.1 Installation of VisuControl Plus 8 software

The Windows programme "MDT VisuControl Plus" is available for download in the "Product Access" section of the MDT Technologies website.

After downloading the installation file, it should be saved in a suitable location (e.g. on the desktop).

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Abbildung 1: Programme icon

The installation process is started by double-clicking the file. By default, a programme shortcut is created on the desktop. To start the application, simply double-click this shortcut.

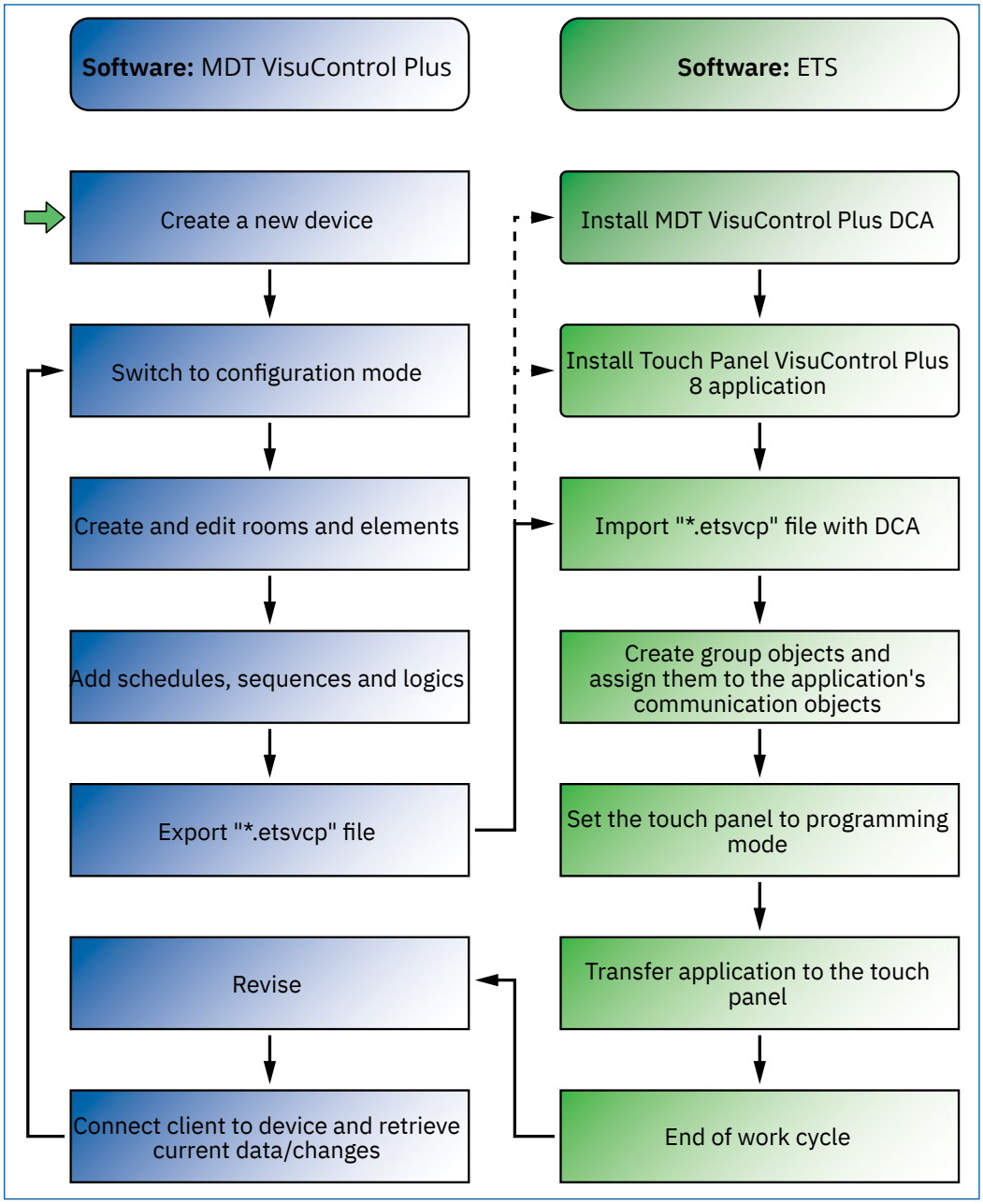
Note: Administrator rights are required to install the VisuControl Plus 8 software.

2.2 Installation of the DCA "MDT KNX VisuControl Plus" DCA

The installation of the "MDT VisuControl Plus" DCA for ETS is described in a separate manual. This manual is available for download in the "Product Access" section of the MDT Technologies website.

3. KNX visualisation

The following flowchart shows the typical workflow for creating a visualisation with the MDT VisuControl Plus Windows software and ETS (for example, ETS 6):



3.1 Step-by-step instructions

Preparations in ETS
The programmes only need to be installed once. If the installation has already been completed, the following steps can be skipped:

- Import and install the DCA "MDT KNX VisuControl Plus DCA"
- Import and install the current version of the application

Further information on installing and operating the DCA can be found in the technical manual for the DCA.

Note: Unlike a typical KNX device, the application is initially created without communication objects. These are only created and named according to their use by importing the project via the MDT VISUCONTROL PLUS 8 DCA.

Import of Visu Control Plus
By selecting the device "KNX Touch Panel VisuControl Plus 8" in the "Topology" panel, the "DCA" tab is activated in the main window and can be opened.

The layout file (*.etsvcp) previously exported from the Windows program "MDT VisuControl Plus" can now be imported using the "Import" button.

After the import, the DCA automatically creates all required communication objects.

Creating group addresses and assigning functions
This step corresponds to the usual processing of a KNX project. According to the selected project structure, the required group addresses are created and assigned to the functions generated by the import. Additionally, during this phase, secure commissioning (KNX Secure) can be activated via the “Properties” tab if required.

Transferring the project to the touch panel
To transfer the application to the touch panel, proceed as follows:

On the VisuControl Plus 8" touch panel

- Open the “Settings” menu via the “Settings” button (three-dot menu)
- Enter the administrator password in the “Login” field (default: 91428)
- Activate the “ETS programming mode” slider (slide to the right)

In the ETS

- Select the “Program” button
- Depending on requirements, start “Physical address and application program” or “Application program”

After successful transfer, the panel is ready for operation.

Note: The programming mode on the touch panel is automatically deactivated after successful transfer.