

MDT solution proposal

How do I create a test project for MDT support?

A test project with the parameters you set and the database versions you use helps us to support you as quickly as possible. Together with a recording from the diagnosis of the ETS and the device information, we will try to reproduce the behaviour you described us.

Required:

ETS with your existing project.

ETS version used in the example is 5.7.6

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Create MDT test project:

Create a new project within the ETS.

The screenshot shows the ETS5™ software interface. The main window has a navigation bar with 'Overview', 'Bus', 'Catalogs', and 'Settings'. Below this is a 'Projects' tab with sub-tabs for 'Archive' and 'ETS Inside'. A 'Create New Project' dialog box is open, displaying the following fields:

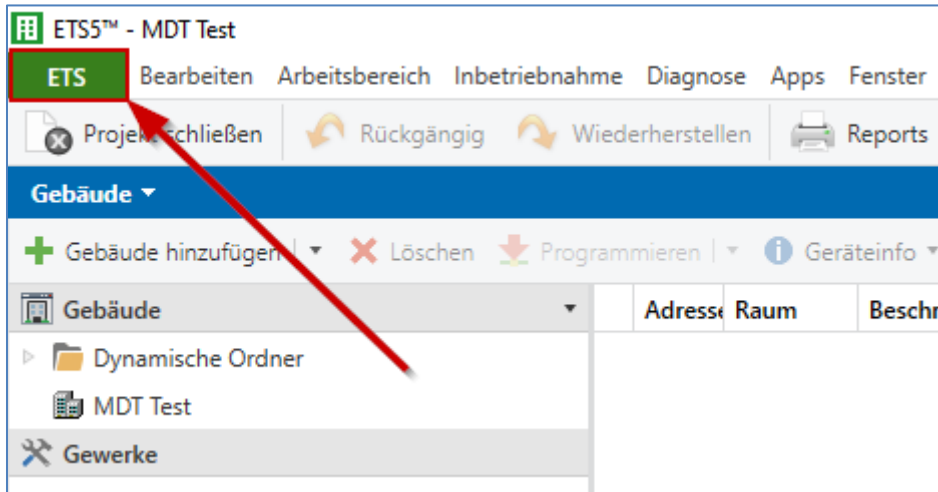
- Name:** MDT test
- Backbone:** IP
- Topology:** TP
- Group Address Style:** Three Level (selected)

The dialog box also has a 'Create Project' button and a 'Cancel' button. In the background, a table of existing projects is visible:

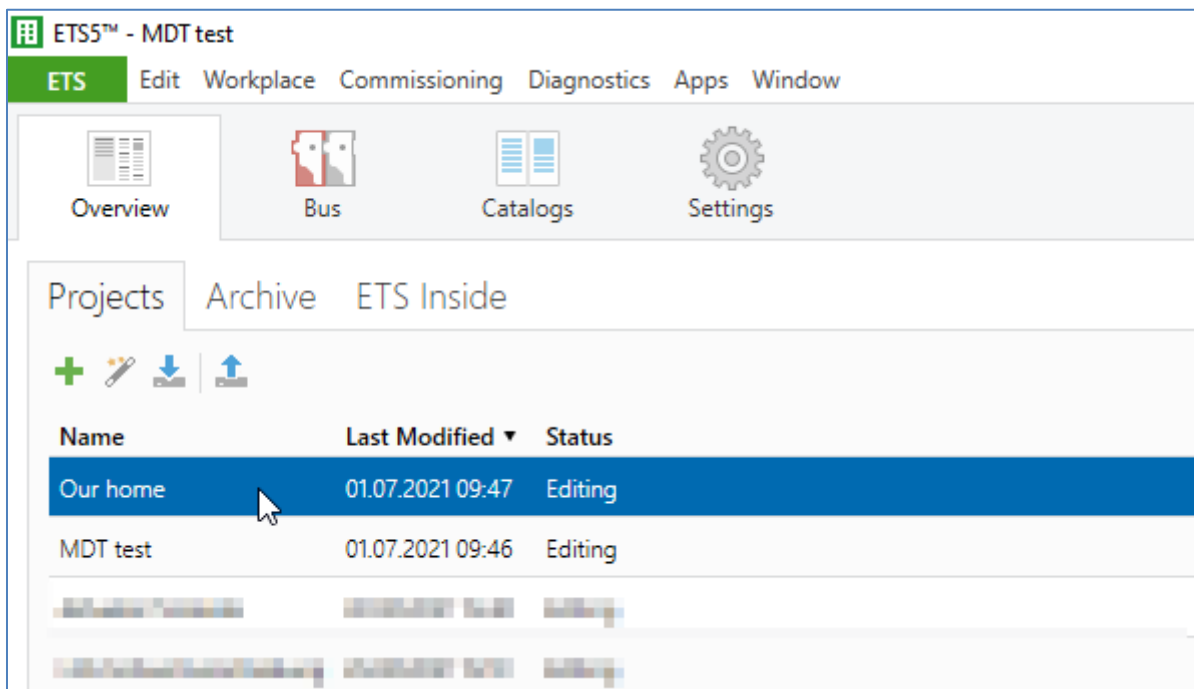
Name	Created	Status
	09:24	Editing
	16:18	Editing
	15:40	Editing
	15:10	Editing
	09:51	Editing
	09:35	Unknown
	0:27	Editing
	2:43	Editing
	0:18	Editing
	3:40	Unknown
	1:35	Editing
	6:31	Editing

Open two ETS projects in parallel:

The ETS offers the possibility to open and edit several projects in parallel. Now open your existing project and the newly created project in parallel by switching back to the project overview via the green ETS symbol.

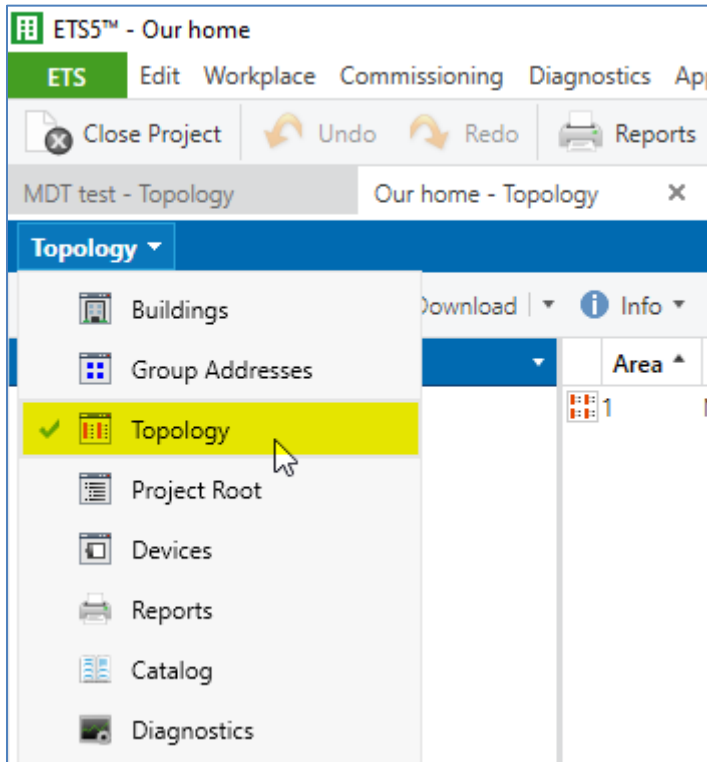


Now open your existing project.



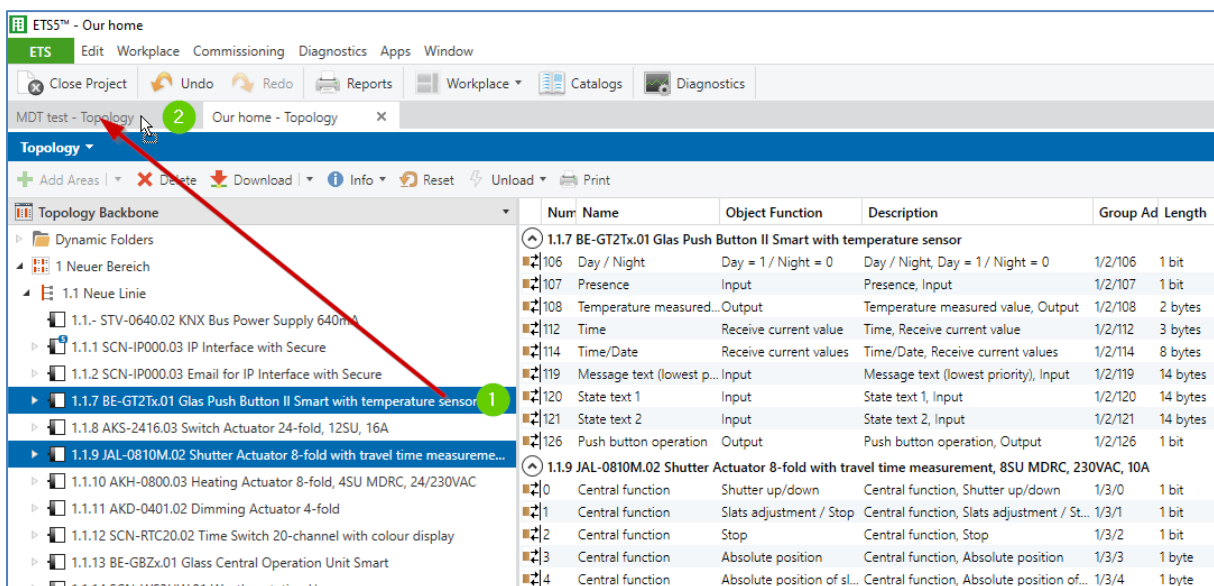
Copy devices including group addresses:

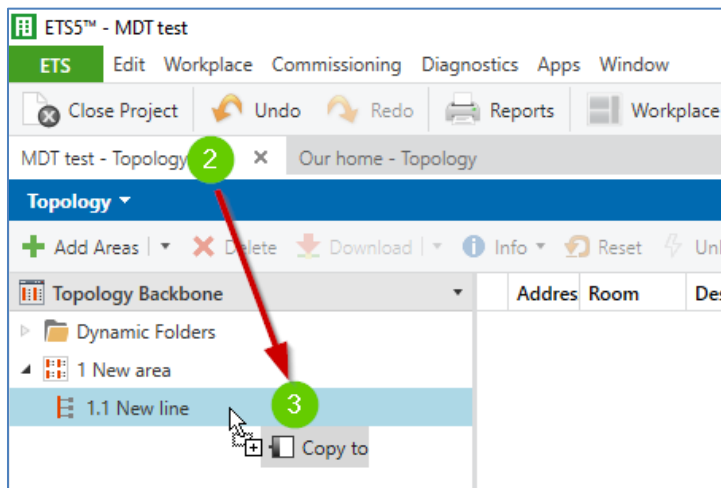
Now switch to the topology view in both projects. Afterwards there are two options to copy the devices.



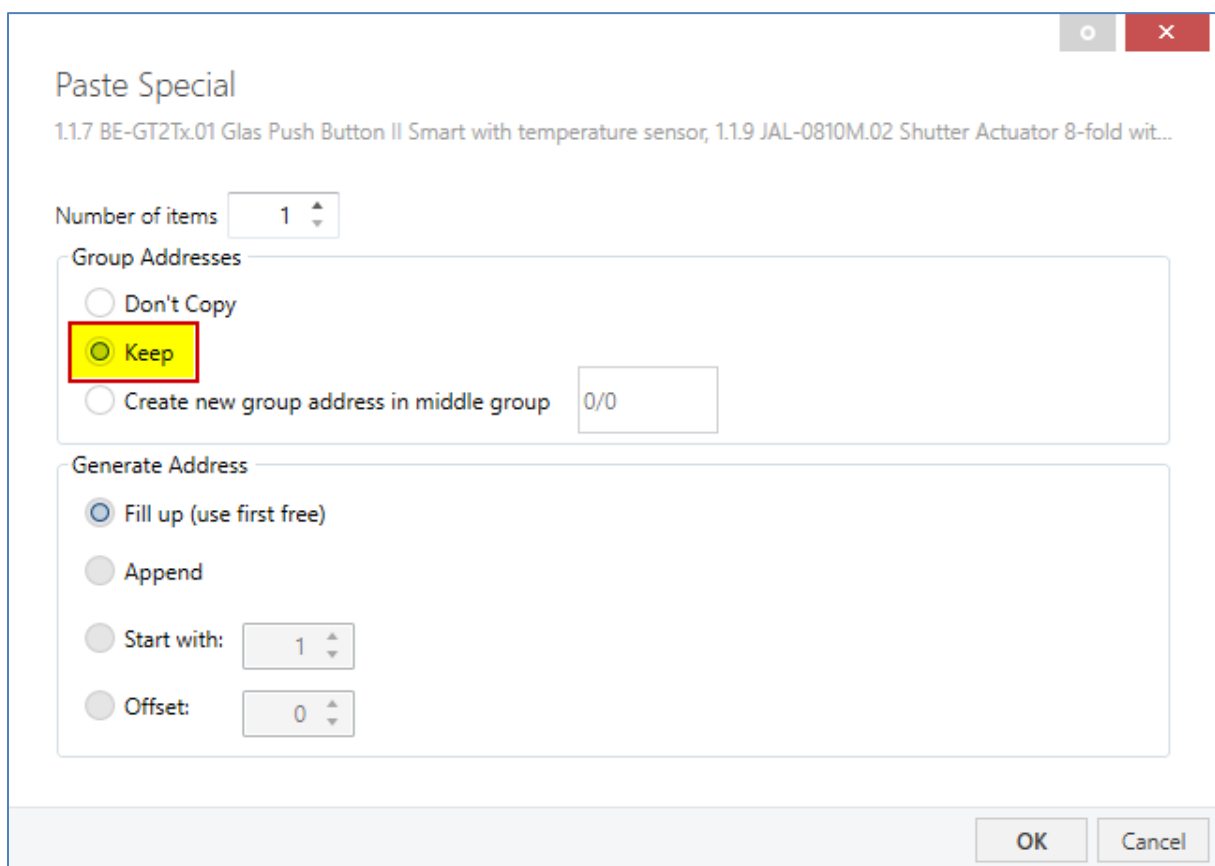
Option 1, via drag and drop:

Hold down the "ctrl" key and select the devices you want to copy from your existing project into the MDT test project. Now drag the selected devices (1) over the tab of the MDT test project (2) and drop onto the new line 1.1. (3).





After you have dropped the devices in the test project, select "Keep" group addresses in the following window and click OK.

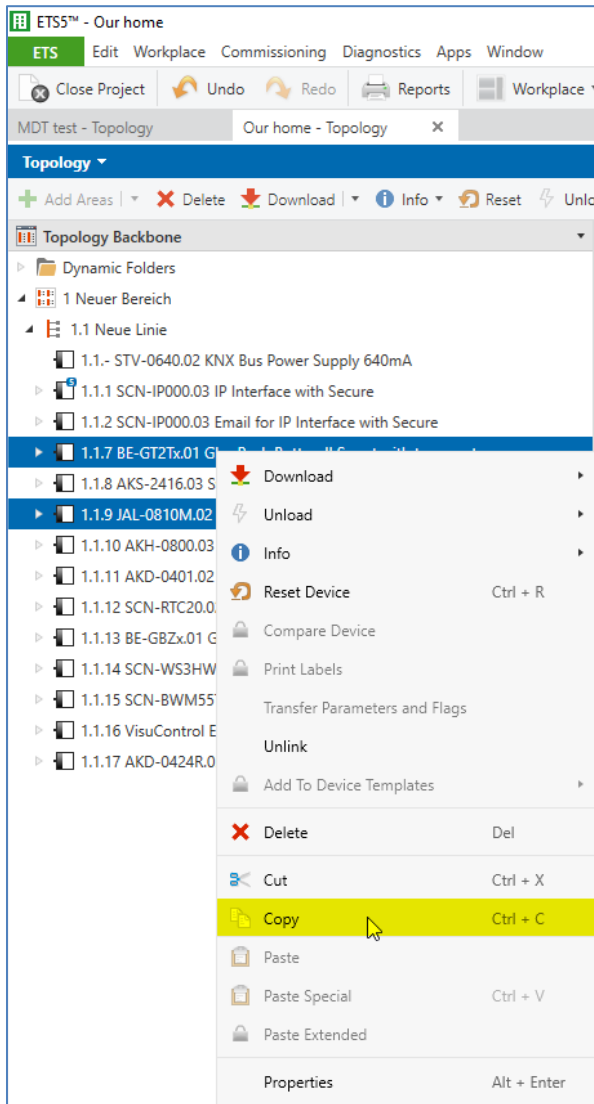


The devices are copied now into the MDT test project including their group addresses.

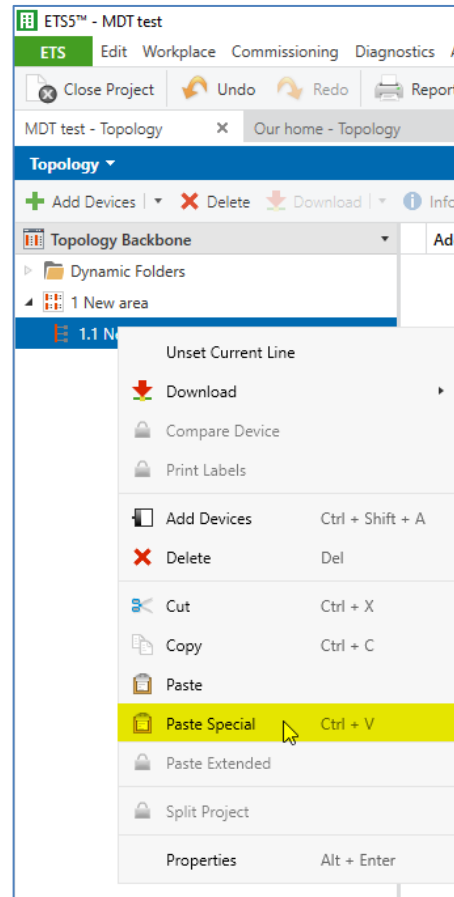
Important: The physical addresses of the devices are not copied! Always adjust the physical addresses in the MDT test project afterwards.

Option 2, via copy and paste special:

Hold down the "ctrl" key and select the devices you want to copy from your existing project into the MDT test project. Now right-click on a selected device and select "Copy". Switch to line 1.1 in the MDT test project, click with the right mouse button and select "Paste Special".

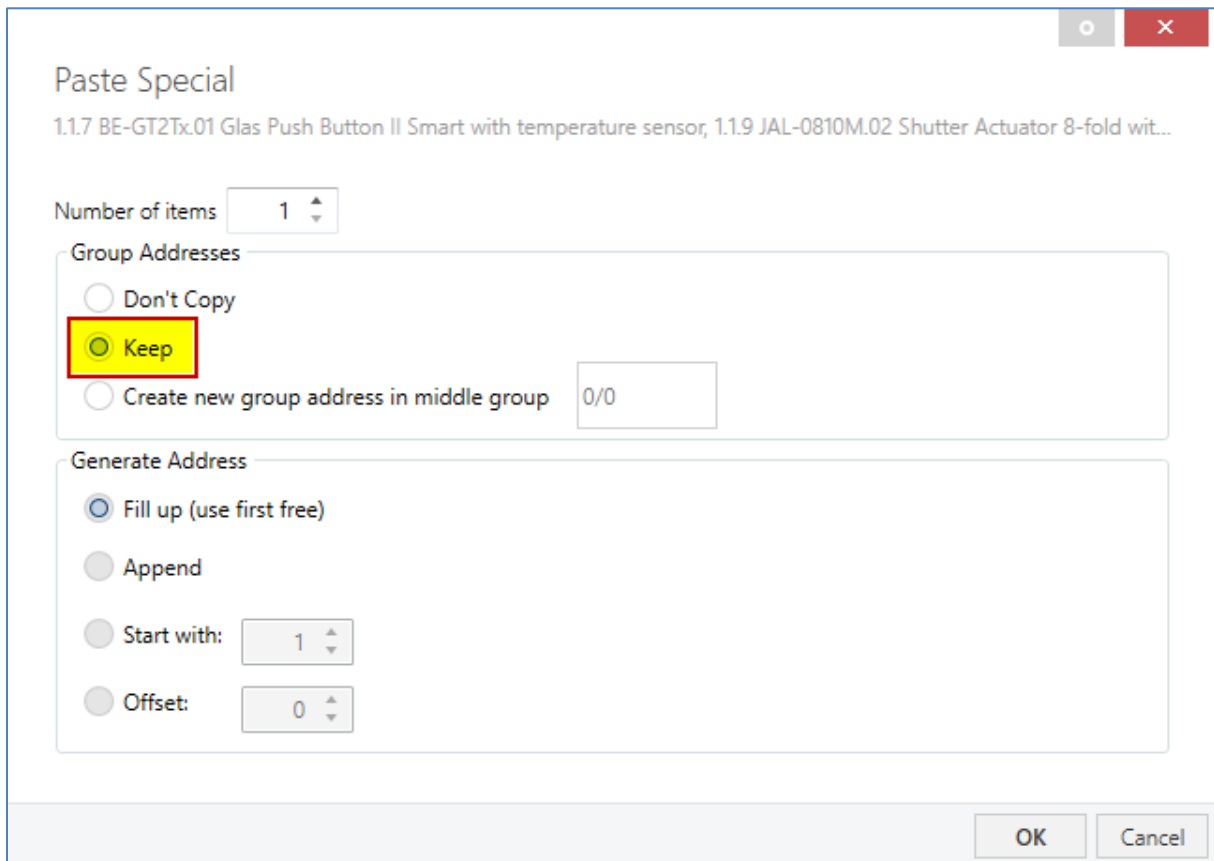


Copy



Paste Special

After you have dropped the devices in the test project, select "Keep" group addresses in the following window and click OK.

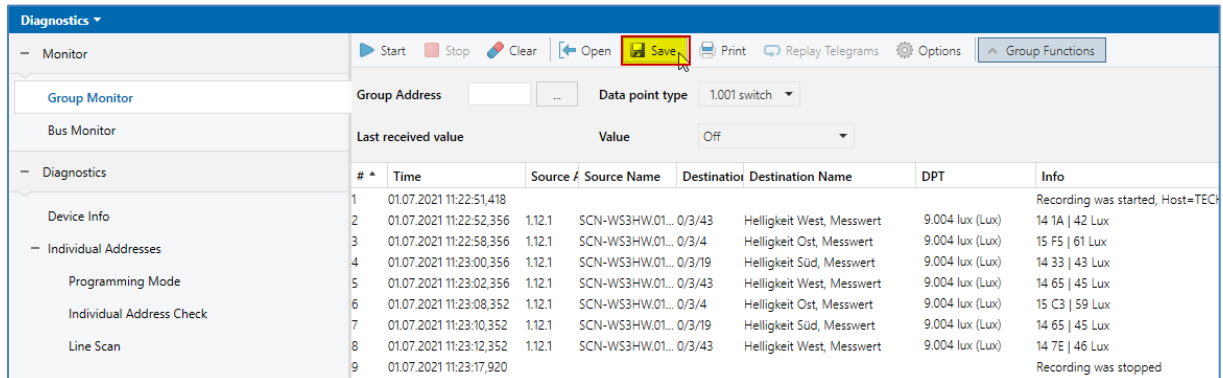


The devices are copied now into the MDT test project including their group addresses.

Important: The physical addresses of the devices are not copied! Always adjust the physical addresses in the MDT test project afterwards.

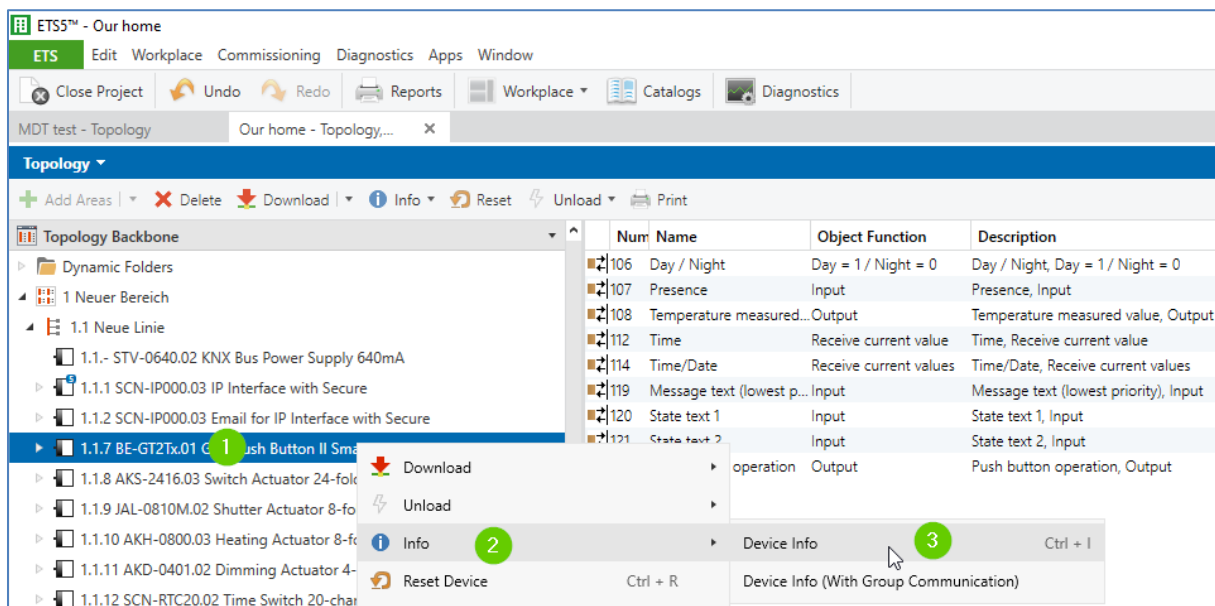
Export the diagnostic recording:

Record the observed behaviour in the ETS diagnosis and export the recording as an .xml file. To do this, stop the diagnosis and save the entire recording.

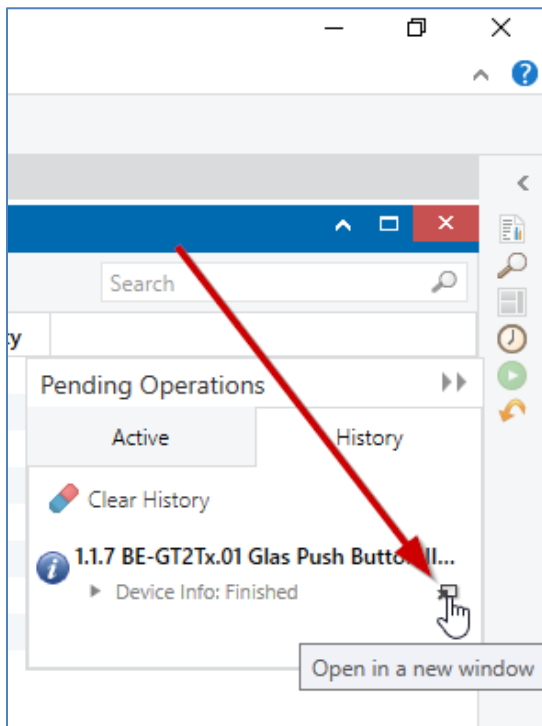


Reading out the Device Info:

With the device info, we can see exactly which device revision do you have. To do this, right-click on the corresponding device and select "Info"-> "Device Info".



After reading out, click on the small symbol in the history of the ETS on the right. A new window opens with information which you can save at the top left.



Item	Value	Unformatted value
General		
Mask Version	0705	1797
Individual Address	1.1.7	4359
Device Manufacturer	MDT technologies	131
Order Number	\$30544153383654010F28	30544153383654010F28
Serial Number	00837190441F	00837190441F
Hardware Type	\$000000000227	000000000227
Programming Mode	Off	false
Application Program		
Application program	MDT technologies Push Button II Smart, Temperature V2.8	0083008A28
Load State	Loaded	1
Run State	Running	1
Application Program 2		
Application program	0 0000 V0.0	0000000000
Load State	Unloaded	0
Run State	Halted	0
Group Communication		
Address Table Load State	Loaded	1
Association Table Load State	Loaded	1