

# How to create a test project for MDT Support?

A test project with the parameters you have set and the database versions (application) you are using will help our support team to assist you as quickly as possible. Together with a telegram recording from the ETS diagnostics and the device information, we will try to reproduce the behavior you have described.

You need: ETS with your existing project  
(The ETS version used in the example is 6.2.2)

## Contents

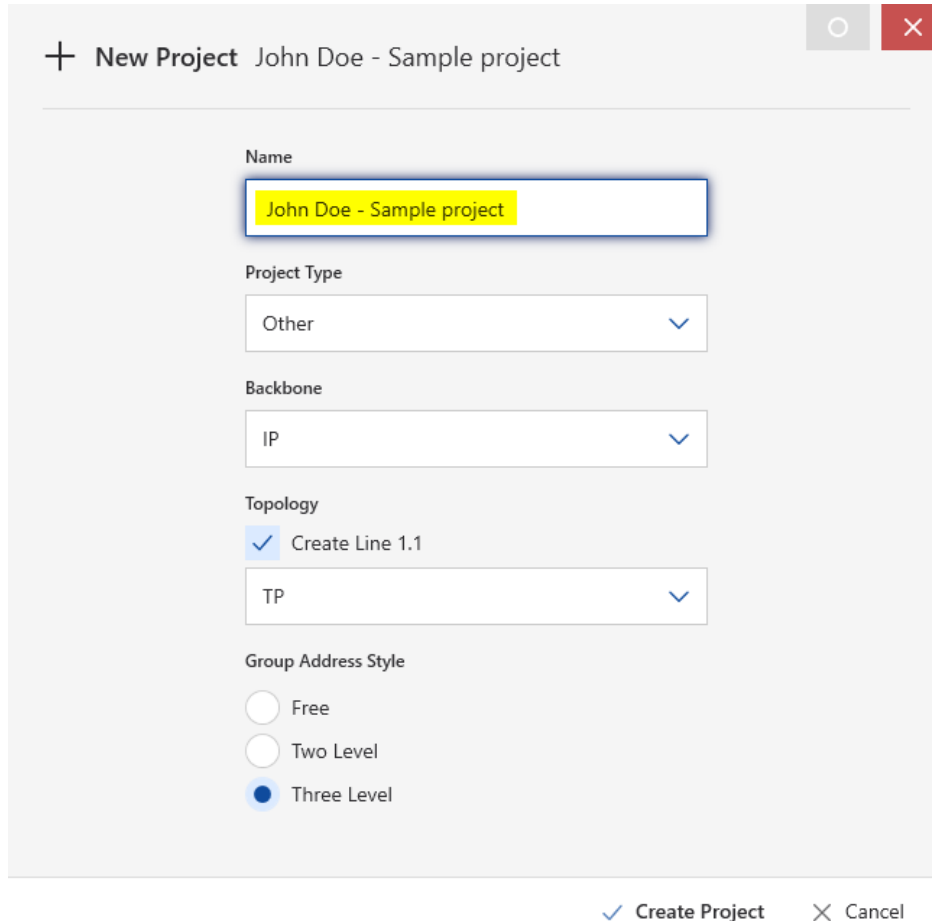
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## Create MDT test project

Create a new project within the ETS.

Please use **YOUR NAME** and the name of the **PROJECT** for a unique assignment.

Select the backbone and topology settings for your project accordingly.



**+ New Project** John Doe - Sample project

Name  
John Doe - Sample project

Project Type  
Other

Backbone  
IP

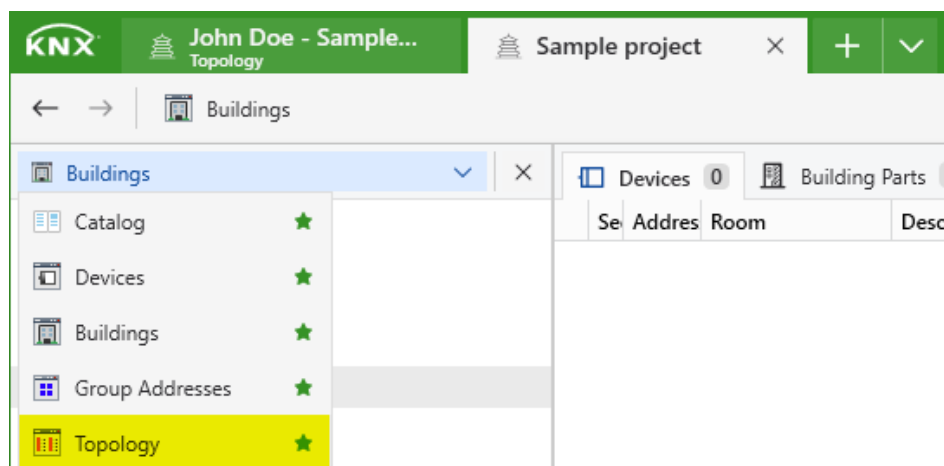
Topology  
 Create Line 1.1  
TP

Group Address Style  
 Free  
 Two Level  
 Three Level

Create Project  Cancel

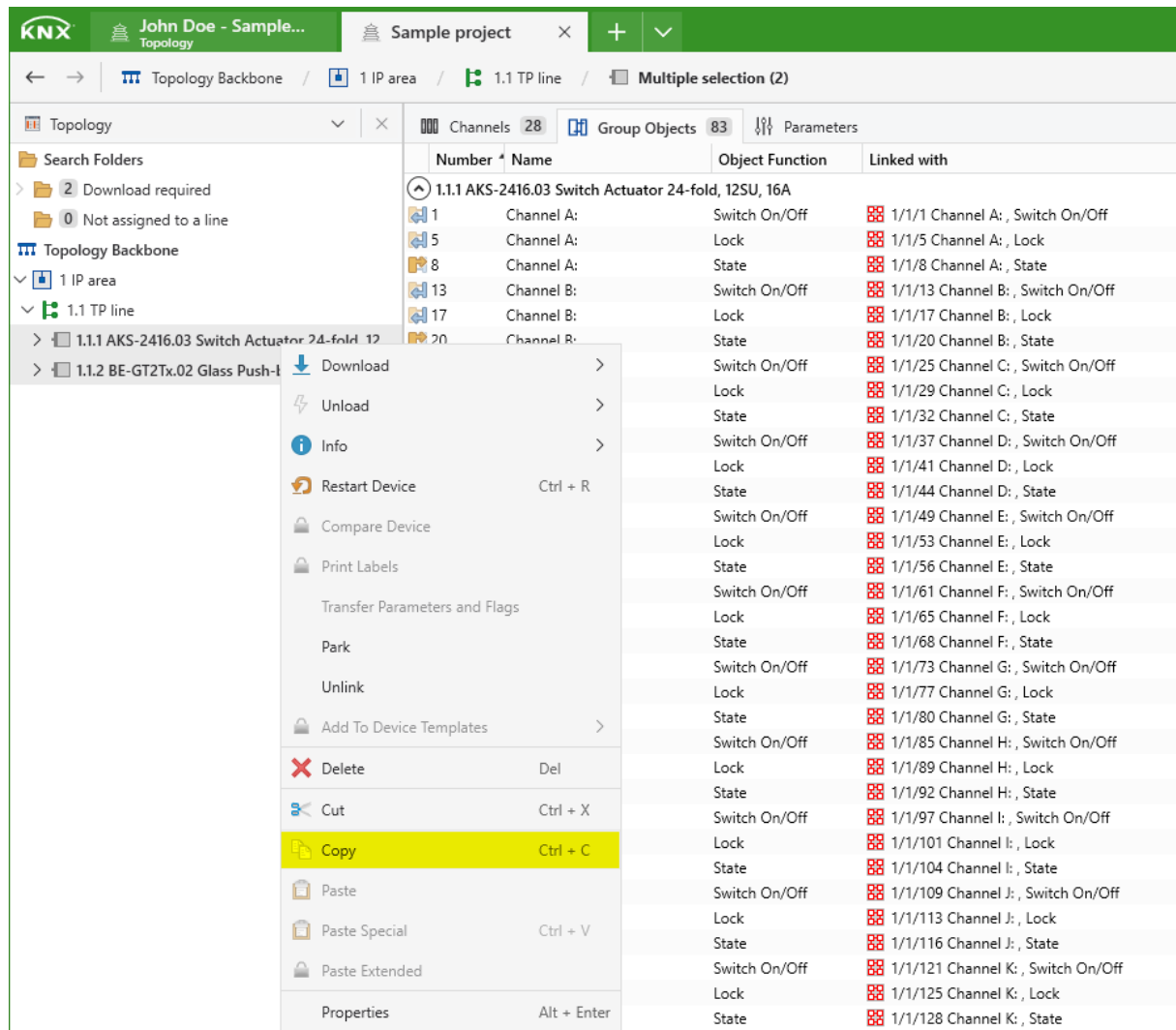
## Open two ETS projects in parallel

The ETS offers the option of editing several projects in parallel. Now open your existing and the newly created project by switching back to the overview via the button **+** in the top bar and selecting your project. Now switch to the topology view in both projects.

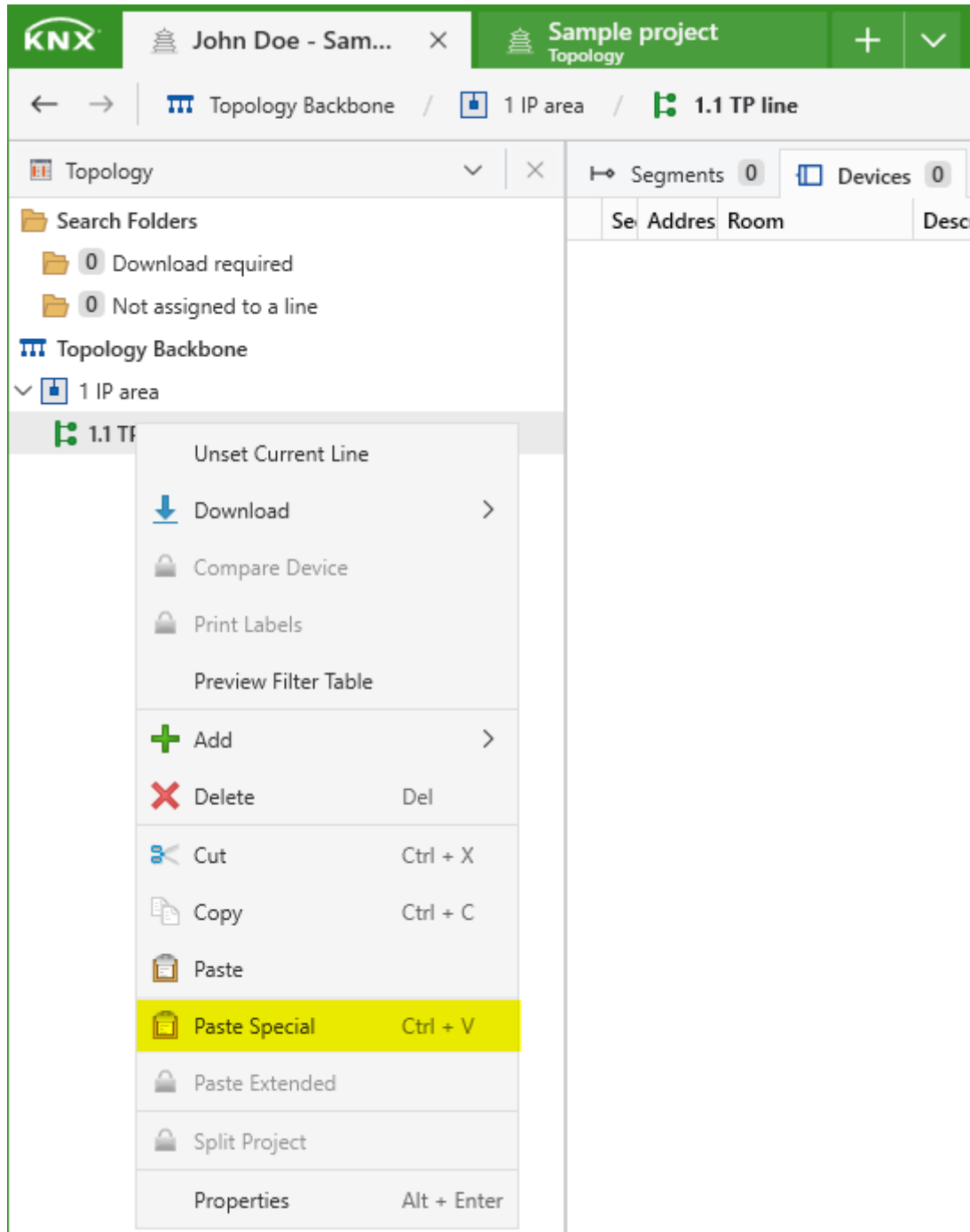


## Copy device(s) with group addresses

Now select the devices that you want to copy from your existing project to the MDT test project by holding down the “Ctrl” key. Press the right mouse button on the selected devices to open the context menu and select “Copy”.



Now switch to the test project and press the right mouse button on the line and select “Insert content”.



In the following window, select “Keep” so that the linked group addresses are also copied and then confirm the process with “OK”

Paste Special

1.1.1 AKS-2416.03 Switch Actuator 24-fold, 12SU, 16A, 1.1.2 BE-GT2Tx.02 Glass Push-button II Smart with tempe...

Number of items: 1

Group Addresses

Don't Copy

Keep

Create new group address in middle group: 0/0

Generate Address

Fill up (use first free)

Append

Start with: 1

Offset: 0

OK Cancel

## Exporting the diagnostic recording

Record the detected behavior in the ETS diagnostics and export the recording as an .xml file. Save the entire recording (Save all telegrams).

Diagnostics

Start Stop Clear Open Save Print Replay Telegrams Options Group Functions

Monitor

Group Monitor

Bus Monitor

ETS Bus Activity

Diagnostics

Device Info

Individual Addresses

Programming Mode

Individual Address Check

Line Scan

Group Address: [ ] Data point type: 1.\* 1-bit

Last received value: [ ] Value: 000 Hexadecimal

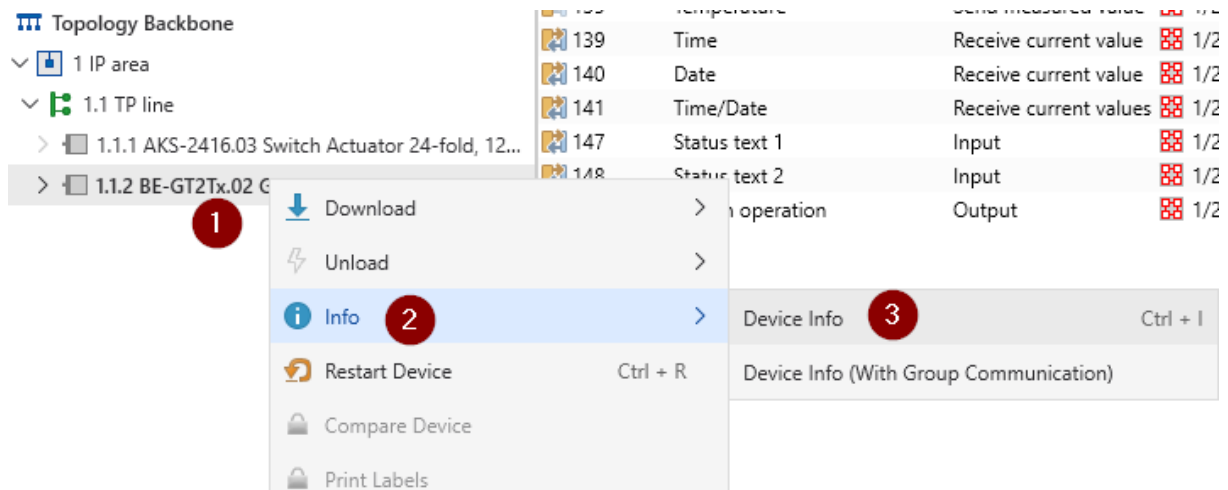
#	Time	Service	Flags	Prio	Source Add	Source Name	Destination	Dest
1	26.09.2024 13:40:2...							
2	26.09.2024 13:40:2...	from bus		Low	3.3.17	-	12/1/25	-
3	26.09.2024 13:40:2...	from bus		Low	3.3.17	-	12/1/26	-
4	26.09.2024 13:40:3...	from bus		Low	3.3.17	-	11/1/21	-
5	26.09.2024 13:40:3...	from bus		Low	3.3.17	-	12/1/26	-

Please also use **YOUR NAME** and that of the **PROJECT** as the file name.

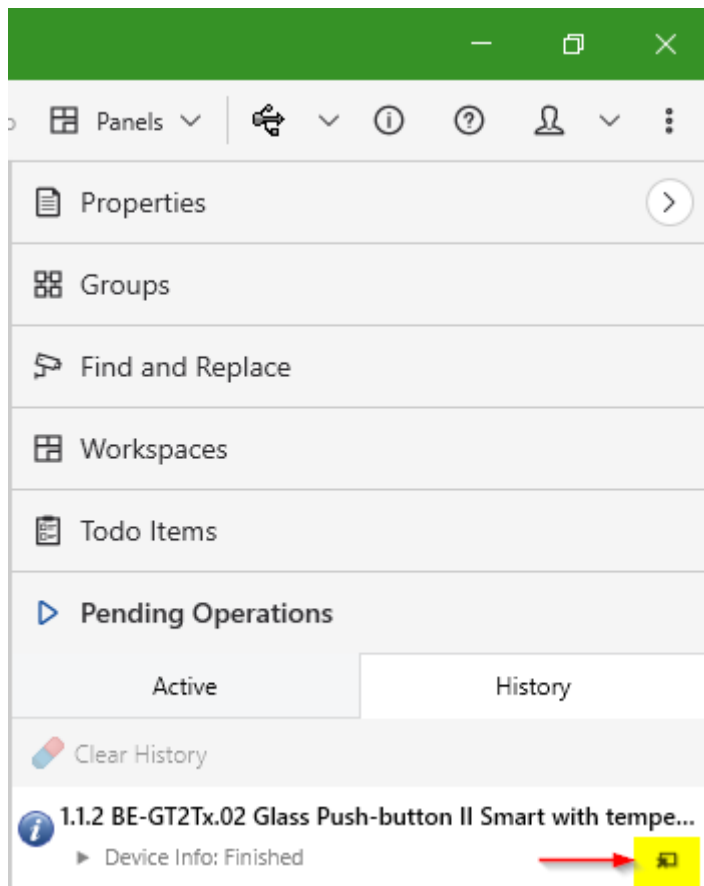
filename: John Doe - Sample project

## Reading out the device info

We can use the device info to see exactly which device version is involved. To do this, right-click on the relevant device and select “Info”-> “Device info”



After reading, click on the symbol on the right in the ETS history. A new window opens with information that you can save in the top left-hand corner.



## Device Info of Device 1.1.2

### General

Item	Value
Mask Version	0705
Individual Address	1.1.2
Device Manufacturer	MDT technologies
Order Number	\$3047543254FFFF02AF55
Serial Number	FFFF:FFFFFFFF
Hardware Type	\$000000000327
Programming Mode	Off

### Application Program

Item	Value
Application program	MDT technologies Glass Push-button II Smart, Temperature V3.1
Load State	Loaded
Run State	Running

### Application Program 2

Item	Value
Application program	0 0000 V0.0
Load State	Unloaded
Run State	Halted

### Group Communication

Item	Value
Address Table Load State	Loaded
Association Table Load State	Loaded

Once all the information has been collected, send it to [support@mdt.de](mailto:support@mdt.de) with a description of your request.