

# fdtCONTAINER application by M&M

Quick guide



#### Installation M&M fdtCONTAINER 4

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Name	Date modified	Туре	Si		
			51		
ISSetupPrerequisites	2.11.2020 10.00	File folder			
🔬 0x0409.ini	23.3.2010 16.44	Configuration setti			
Data1.cab	30.10.2020 17.17	Cabinet File			
👘 fdtCONTAINER4.msi	30.10.2020 17.17	Windows Installer			
🔄 Setup.exe	30.10.2020 17.17	Application			
🕡 Setup.ini	30.10.2020 17.16	Configuration setti			
Version.txt	30.10.2020 17.17	Text Document			
M&M fdtCONTAINER 4 - Insta	IIShield Wizard	×	關 M&M fdtCONTAINER 4 - InstallShield Wizard	×	🕼 M&M fdtCONTAINER 4 - InstallShield Wizard
	Welcome to the InstallShield Wizard fo M&M fdtCONTAINER 4	br	License Agreement Please read the following license agreement carefully.		Destination Folder Click Next to install to this folder, or click Change to install to a Gifferent folder.
	The InstallShield(R) Wizard will install M&M fdtCONTAINE your computer. To continue, click Next.	R 4 on	fdtCONTAINER application (A 3, 2018)	As of: September	Install M&M fdtCONTAINER 4 to: C:\Program Files (x86)/MM-Software(/dtCONTAINER4\ Change.
EV PLOTE WITH PACSON	WARNING: This program is protected by copyright law an international treaties.	d T	A. <u>General</u> The fdtCONTAINER application (also "I herein) is an FDT frame application. A agreed use is not permitted. In cases of 1 accept the terms in the license agreement 1 do not accept the terms in the license agreement InstallShield	nything other than the	InstallShield
	< Back Next > Car	ncel	< Back	Next > Cancel	< Back Next > Cancel
M&M fdtCONTAINER 4 - Insta	IIShield Wizard	×	Real M&M fdtCONTAINER 4 - InstallShield Wizard	- 🗆 X	M&M fdtCONTAINER 4 - InstallShield Wizard
eady to Install the Program		M&	Installing M&M fdtCONTAINER 4	<b>M&amp;</b>	InstallShield Wizard Completed
The wizard is ready to begin insta	allation. SOFTWARE	M	The program features you selected are being installed.	SOFTWARE	
	BY PEOPLE WITH PASSION			BY PEOPLE WITH PASSION	The Testellichted Different has a second different different different
Click Install to begin the installation	on.		<ul> <li>Please wait while the InstallShield Wizard inst may take several minutes.</li> </ul>	alls M&M fdtCONTAINER 4. This	The InstallShield Wizard has successfully installed M&M fdtCONTAINER 4. Click Finish to exit the wizard.
If you want to review or change a the wizard.	any of your installation settings, click Back. Click Cancel to	exit			
and which the			Status:		IVICK
allShield			InstallShield < Back		< Back Finish Can

- Extract the installation files from the zippackage.
- Double-click Setup.exe.
- Insert admin username and password.

#### Setup process

- 1. Next
- 2. Accept terms, Next
- 3. Next
- 4. Install
- 5. Wait
- 6. Finish



## Open fdtCONTAINER application

#### Create empty project





#### **Device Catalogue**

🗄 🍕 🗧 🗉	DEVICE CATALOGUE	[Unnamed] - fdtCONTAINER app	lication		? _ =
PROJECT DEVICE TOPOLOGY	/IEW GROUP AND FILTER				Administrator
Copy X Remove Paste  Rename	🔁 Set Online Parameter	Configuration  Diagnosis Configuration Compare  Compare	Image: Update Catalogue         Image: Filter on Allowed           Image: DTM Info         DTM Info		
Edit	Device Operations	Device Functions	Device Catalogue		
etwork View	X Device Catalogue X General Node Info				
Search Close	Search Clos	e			
[Unnamed] Network	Add <sup>Y</sup> Name		<ul> <li>Vendor</li> </ul>	FDT Version	Protocol(s)
	Category: Communication				
	CommDTM PROFIBUS DP-	V1	Softing Industrial Automation GmbH	1.2.0.0	Profibus DP/V1
	FF H1 CommDTM		Endress+Hauser	1.2.0.0	FF H1
	🕒 🔛 FF H1 Communication DTI		CodeWrights GmbH	1.2.0.0	FF H1
	Flow Communication FXA	193/291	Endress+Hauser	1.2.0.0	ISS
	• ET FXA520		Endress+Hauser	1.2.0.0	HART
	🕀 🤤 HART Communication		CodeWrights GmbH	1.2.0.0	HART
	🕒 🖶 HART Simulation CommD	M	MEHT	1.2.0.0	HART
	IPC (Level, Pressure) FXA19		Endress+Hauser	1.2.0.0	IPC
	🕒 🚼 Modbus Serial Communica	ation DTM	Schneider Electric	1.2.1.0	Modbus Serial
	🕀 🔛 Modbus TCP Comm Interf	ace	Schneider Electric	2.0.0.0	Modbus TCP
	🕒 🔂 Modbus TCP Communicat	ion DTM	Schneider Electric	1.2.1.0	Modbus TCP
	MTL 8521 Ethernet BIM		MTL	1.2.0.0	MTL HART BIM
	MTL Serial Communication	1	MTL	1.2.0.0	HART
	Neles USB CommDTM		Neles	1.2.0.0	HART
	PCP (Readwin) TXU10/FXA	291	Endress+Hauser	1.2.0.0	PCP
	PROFIdtm DPV1		Softing Industrial Automation GmbH	1.2.0.0	Profibus DP/V1
			Endress Hauser	1200	SEG5.00
	Add] In ('Allowed')				6

- Device Catalogue and Network View opens.
- By default only 'Allowed' devices are shown in the catalogue i.e. only communication DTMs are shown because the Network is still empty.
- Unchecking the box for 'Add in Allowed' will list all items in catalogue.
- Press 'Update Catalogue' if there are changes in your communication DTM or device DTM installations.



h 🖂 🐍	DEVICE CATALOGUE	[Unnamed] - fdtCONTAINER applicatio	n		? _ 7
PROJECT DEVICE TOPOLOGY VIEW	GROUP AND FILTER				Administrator
K Cut     Image: Add       Image: Copy     X Remove       M Paste     Image: Add	Load from Store to Device Device	🖾 Observe 📲 Channel Functions 🌳	Jpdate Catalogue Filter on Allowed		
Edit	Device Device Device Operations		evice Catalogue		
etwork View + 4 ×	Device Catalogue × General Node Info	Device runctions	ence catalogue		
	DTM Info - Neles USB Comm				
Search Close	Search DTM Info - Neles USB Comm				
Device Summary					
Device Summary	Category  Device Type Info				
[Unnamed]	Add <sup>Q</sup> Na Dev	ice Type Name : Neles USB CommDTM Cla	ssifications :	FDT Version	Protocol(s)
[Unnamed] Network	Y Ven	dor: Neles Pro	otocols : HART		
	▲ Category: C				
	Vers	sion : 1.01.0000 / 2015-09-21		1.2.0.0	Profibus DP/V1
		egory : Communication	-	1.2.0.0	FF H1
	Extended Info :			1.2.0.0	FF H1
	Extended into :		Open	1.2.0.0	ISS
	• •			1.2.0.0	HART
	OTM Info			1.2.0.0	HART
	🕒 📼 DTM Name : Neles	USB CommDTM Ve	rsion : 1.0.9169 / 2020-11-04	1.2.0.0	HART
	<b>G</b>			1.2.0.0	IPC
	🕒 🔚 Vendor : Neles	Pro	gld : NelesUSBCommDTM.DTMCore	1.2.1.0	Modbus Serial
	⊕	۵		2.0.0.0	Modbus TCP
	<b>e</b>		Close	1.2.1.0	Modbus TCP
	O m			1.2.0.0	MTL HART BIM
	MTL Serial Communication		MTL	1.2.0.0	HART
	Neles USB CommDTM		Neles	1.2.0.0	HART
	CP (Readwin) TXU10/FXA29	91	Endress+Hauser	1.2.0.0	PCP
	PROFIdtm DPV1		Softing Industrial Automation GmbH	1.2.0.0	Profibus DP/V1
	[Add] In ('Allowed') ▼		Endress + Hauser	1200	SEC5

DTM info shows details of the • selected DTM.



#### Organizing the Device Catalogue

Må 🖯 🐍 -	Ŧ	DEVIC	CE CATALOGUE		[Unn	amed] (*) - fdtCONTAINER application				? _
PROJECT	VICE TOPOLOGY	VIEW	UP AND FILTER							
Search Panel	Group Panel	Full Expand	Column Chooser	Best Fit	A Sort Ascending	🗹 Auto Filter Row 🏾 🍸 Display Filter Panel *				
🕄 Clear Search	🗙 Clear Grouping	Full Collapse	🔁 Group By	Best Fit (all columns)	Z Sort Descending	🖉 Filter Editor				
			😤 Ungroup	Y Select Filter	2* Clear Sorting	🗙 Clear Filter				
Search	Grou	ps	Col	umns	Sorting	Filter				
etwork View	* † >	C Device Catal	ogue × General Node	Info						
Search	Close	Search	0	ose						
	Crobe	bearen		030						
Device Summary		Category	•							
T (Unnam	med) *	Add 9	Name			Version	DTM Version	Vendor	FDT Version	Protocol(s)
IUnnan     Networ		T								
	Neles USB CommDTM* . Neles USB CommDTM	→ ∡ Catego	na Davica							
		•	> ND7000H			10	1.24.7.1500	Valmet	1.2.0.0	HART
		•	> ND820			5.02	1.24.7.1500	Valmet	1.2.0.0	HART
		0	> ND820	Column Cho	oser 🛛 🗶	4.0	1.24.7.1500	Valmet	1.2.0.0	HART
		•	> ND820	Classcificatio	n(s)	5.0	1.24.7.1500	Valmet	1.2.0.0	HART
		e	> ND820	Date	/	4.01	1.24.7.1500	Valmet	1.2.0.0	HART
		O I	> ND820/T	Date		5.0	1.24.7.1500	Valmet	1.2.0.0	HART
		O I	> ND820/T	DTM Date		4.01	1.24.7.1500	Valmet	1.2.0.0	HART
		O I	> ND820/T	DTM Name	(	4.0	1.24.7.1500	Valmet	1.2.0.0	HART
		O I	> ND820/T	DTM Vendor		5.02	1.24.7.1500	Valmet	1.2.0.0	HART
		0	> ND9000H		Ŧ	10	1.24.7.1500	Valmet	1.2.0.0	HART
		•	> ND9000H			2	1.24.7.1500	Valmet	1.2.0.0	HART
		•	> ND9000H			4	1.24.7.1500	Valmet	1.2.0.0	HART
		0	> ND9000H			1	1.24.7.1500	Valmet	1.2.0.0	HART
		•	> ND9000H			3	1.24.7.1500	Valmet	1.2.0.0	HART

- Each column can be sorted by clicking the small arrow next to the column title.
- Also new columns can be added.
- Click the check box for 'Column Chooser' inside tab GROUP AND FILTER. Available columns will appear on the bottom right corner.
- New column e.g. DTM Name can be dragged from the list to the device catalogue.



#### Save layout as your start up layout

MÅ 🖯 🔍 -	Ŧ		DEV	/ICE CATALOGUE			[Unnamed] (*) - fdtCON	AINER applicati	ion			
PROJECT DEV	/ICE TOPOLOG	GY V	IEW GRO	OUP AND FILTER								
✓ Network View	🖌 Error Log	🛅 Sing	gle Tab Group	Close	increase Width	🔯 Increase Height		- (				
Device Catalogue	FDT Monitor	🖂 Tile	Horizontally	Auto Hide	😽 Decrease Width	🔀 Decrease Height						
✓ General Node Info		🔲 Tile	Vertically				Show Selected Close Al Device UI Only Wind		Save Reset Layout Layout			
Show			orkspace			Window			Layout			
Network View	•	τ×	Device Cata	alogue × General No	ode Info							
Search	Close		Search		Close							
Device Summary												
T			Category	DTM Vendor	•							
(Unnam Network			Add 9	Name	Version		DTM Name	DTM	Version 🔺	Vendor	FDT Versi	sion
	k Neles USB CommD1	TM*										
	Neles USB CommDTI		∡ Categ	Jory: Device			1					
				DTM Vendor: ICS GmbH	L Ettlingen	}						
				Generic HART.	-		Generic HART DTM	4.0.3		ICS GmbH	1.2.0.0	
				DTM Vendor: Valmet			octioner with office	1015				
					1		Nalas Valus Masaras DTM			x	1.2.0.0	
				<ul> <li>SG9000H</li> <li>ND9000H</li> </ul>	10		Neles Valve Manager DTM Neles Valve Manager DTM		ONTAINER application		1.2.0.0	
				<ul> <li>ND9000H</li> <li>ND820</li> </ul>	5.02		Neles Valve Manager DTM		Do you want to save the current layout as yo layout?	our start up	1.2.0.0	
				<ul> <li>ND9000H T</li> </ul>	1		Neles Valve Manager DTM		Ves	No	1.2.0.0	
				<ul> <li>ND820</li> </ul>	4.0		Neles Valve Manager DTM				1.2.0.0	
				ND820/T	5.0		Neles Valve Manager DTM	1.24.7	7.1500	Valmet	1.2.0.0	
				VG800	2.0		Neles Valve Manager DTM	1.24.7	7.1500	Valmet	1.2.0.0	
				O > NDQ800/T	5.01		Neles Valve Manager DTM	1.24.7	7.1500	Valmet	1.2.0.0	
				ND820	5.0		Neles Valve Manager DTM	1.24.7	7.1500	Valmet	1.2.0.0	
				OCC > VG9000H	2		Neles Valve Manager DTM	1.24.7	7.1500	Valmet	1.2.0.0	
			[Add] In ('All	ND820/T	4.01		Neles Valve Manager DTM	1.24.7	7.1500	Valmet	1.2.0.0	
			E (Aud) III (All	ionco / ·								

- It might be wise to save the layout changes so that they are ready available next time you start the frame application.
- Go to View-tab and press "Save Layout".
- Select Yes.



### Add communication DTM to Network

PROJECT     DEVICE     TOPOLOGY     VIEW     GROUP AND FILTER       Image: Network View     Image: Fror Log     Image: Single Tab Group     Image: Glose     Image: Glose       Image: Device Catalogue     Image: FDT Monitor     Image: Tile Horizontally     Image: Auto Hide       Image: Glose     Image: FDT Monitor     Image: Tile Horizontally     Image: Auto Hide       Image: Glose     Image: FDT Monitor     Image: Tile Vertically     Image: Auto Hide       Image: Glose     Image: FDT Monitor     Image: Tile Vertically     Image: Auto Hide       Image: Glose     Image: FDT Monitor     Image: Tile Vertically     Image: Auto Hide       Image: Glose     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monitor     Image: FDT Monitor       Image: Show     Image: FDT Monitor     Image: FDT Monito	Increase Width Increase Height Increase Height Window Node Info Close	Show Selected Device UI Only Close All Device Windows	Save Reset Layout Layout
✓ Device Catalogue       ✓ FDT Monitor       □ Tile Horizontally       □ Auto Hide         ✓ General Node Info       □ Tile Vertically       □ Tile Vertically         Show       Workspace       ✓         Network View       ✓ IF ×       Device Catalogue × General N         Search       Close       Search         Device Summary       ✓       ✓         Y       Network       ✓         Network       Name       ✓	Decrease Width I Decrease Height Window Node Info	Show Selected Close All Device	Save Reset Layout Layout
Image: Search     Close       Device Summary     T       Image: Search     Close       Device Summary     T       Image: Search     Close       Image: Search     Category       Image: Search     Image: Search       Image: Search     Image: Search </th <th>Window Node Info</th> <th>Show Selected Close All Device</th> <th>Save Reset Layout Layout</th>	Window Node Info	Show Selected Close All Device	Save Reset Layout Layout
Show     Workspace       Network View     - # ×       Search     Close       Device Summary     Category       T	Node Info Close		Layout Layout
Network View     Image: Approximate and the second se	Node Info Close		Layout
Search     Close       Device Summary     Category       T     DTM Vendor       Add P     Name       Y     Value	Close		
Device Summary ▼ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓			
Image: Total Stress	<b>^</b>		
Network			
······	Version	DTM Name	DTM Version
✓ Category: Communication			
▲ DTM Vendor: Codewri	ghts GmbH		
🕒 🤤 📞 HART Comm	u 1.0.60	HART Communication	1.0.60
🕒 🛤 FF CommDTN	и 1.1.15.34	FF CommDTM (FDT1.2)	1.1.15.34
▲ DTM Vendor: Neles			
> 🕒 🛤 Neles USB Co	1.01.0000	Neles USB CommDTM	1.0.9169
DTM Vendor: Softing I	Ū,		
😌 🍨 mobiLink HA	RT 1.0 ✓ Filter on Allowed	MOBILINKdtm	V 1.30.1(32)
🕒 🕒 🌚 mobiLink FF	1.0	MOBILINKdtm	V 1.30.1(32)
😌 🌑 mobiLink Pov	v 1.0	MOBILINKdtm	V 1.30.1(32)
🕒 🕤 mobilink PA	1.0	MOBILINKdtm	V 1.30.1(32)
😌 🌀 mobilink Pov	v 1.0	MOBILINKdtm	V 1.30.1(32)
😌 🌀 mobilink Pov	v 1.0	MOBILINKdtm	V 1.30.1(32)
🕒 🕒 PROFidtm DF	V 2.23.0(163)	PROFIdtm	V 2.23.0(163)
Add] In ('Allowed') -	* ¥ 2.23.0(105)		

- Add communication DTM to Network by double clicking it or pressing the + button next to it.
- Right-clicking the mouse on top of any DTM opens menu with
- Add
- DTM info
- Update Catalogue
- Filter on Allowed



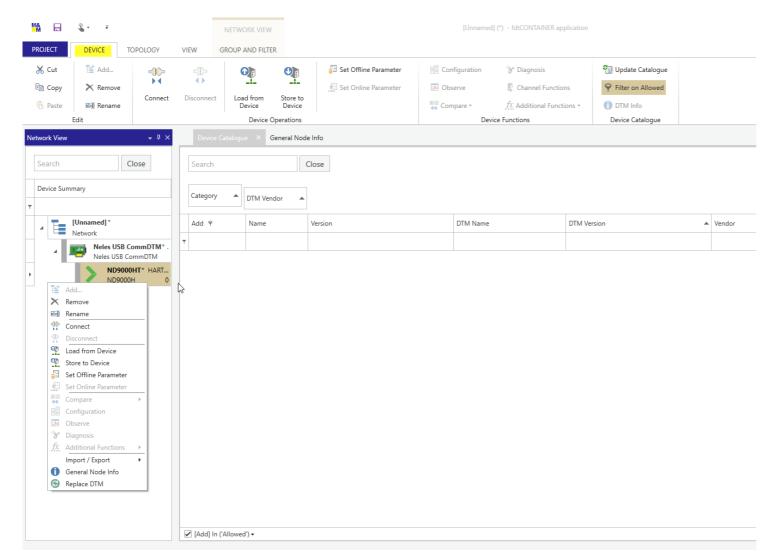
#### Add device DTM to Network

PROJECT DEVICE TOPOLOGY	DEVICE CATALOGUE		[Unnamed] (*) - fdtCONTAINER a	pplication			
☆ Cut     ☆ Add       ☆ Copy     ★ Remove       ☆ Paste     ☆ Rename       Edit     Edit	Disconnect Load from Device Operation	E Set Online Parameter	Configuration 😵 Diagnosis Observe 😰 Channel Functi Compare * 😥 Additional Func Device Functions				
work View 🗸 🕂 🗙	Device Catalogue X General	Node Info					
Search Close Device Summary	Search Category DTM Vendor	Close					
IUnnamed]*	Add 9 Name	Version	DTM Name	DTM Version	Vendor	FDT Version	Proto
Neles USB CommDTM	Category: Device  Category: Device  DTM Vendor: Valmet						
		2	Nalas Velus Massas DTM	1 34 7 1500	1/slowet	1300	LIADT
	VG9000H     VG9000H	2	Neles Valve Manager DTM	1.24.7.1500	Valmet	1.2.0.0	
	ND820/T	4.01	Neles Valve Manager DTM	1.24.7.1500	Valmet	1.2.0.0	HART
	ND820/T     ND820	4.01	Neles Valve Manager DTM Neles Valve Manager DTM	1.24.7.1500 1.24.7.1500	Valmet Valmet	1.2.0.0	HART
	ND820/T	4.01	Neles Valve Manager DTM	1.24.7.1500	Valmet	1.2.0.0	HART HART HART
		4.01 4.01 2	Neles Valve Manager DTM Neles Valve Manager DTM Neles Valve Manager DTM	1.24.7.1500 1.24.7.1500 1.24.7.1500	Valmet Valmet Valmet	1.2.0.0 1.2.0.0 1.2.0.0	HART HART HART HART HART HART
	• ND820/T     • ND820/T     • ND820     • ND820     • ND9000H     • ND9000H	4.01 4.01 2 4	Neles Valve Manager DTM           Neles Valve Manager DTM           Neles Valve Manager DTM           Neles Valve Manager DTM	1.24.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500	Valmet Valmet Valmet Valmet	1.2.0.0 1.2.0.0 1.2.0.0 1.2.0.0	HART HART HART HART HART
	A ND820/T     S ND820/T     S ND820     S ND820     S ND9000H     S ND9000H     S VG9000H     S VG9000H	4.01 4.01 2 4 1	Neles Valve Manager DTM	124.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500	Valmet Valmet Valmet Valmet Valmet Valmet Valmet	1.2.00 1.2.00 1.2.00 1.2.00 1.2.00	HART HART HART HART
	ND820/T     ND820/T     ND820/T     ND820     ND9000H     ND9000H     S ND9000H     S ND9000H     S ND9000H     S ND9000H	4.01 4.01 2 4 1 4 4	Neles Valve Manager DTM	124.7.1500 124.7.1500 124.7.1500 124.7.1500 124.7.1500 124.7.1500	Valmet       Valmet       Valmet       Valmet       Valmet       Valmet       Valmet	1.2.00 1.2.00 1.2.00 1.2.00 1.2.00 1.2.00	HART HART HART HART HART HART HART
	Image: Second	4.01 4.01 2 4 1 4 5.02	Neles Valve Manager DTM	124.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500 1.24.7.1500	Valmet	1.2.00 1.2.00 1.2.00 1.2.00 1.2.00 1.2.00 1.2.00	HART HART HART HART HART HART
	Image: Constraint of the second sec	4.01 4.01 2 4 1 4 5.02 5.01	Neles Valve Manager DTM	124.7.1500 124.7.1500 124.7.1500 124.7.1500 124.7.1500 124.7.1500 124.7.1500 124.7.1500	Valmet	1.2.00 1.2.00 1.2.00 1.2.00 1.2.00 1.2.00 1.2.00	HART HART HART HART HART HART HART HART
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- After the communication DTM has been added to the Network, the device catalogue lists now only device DTMs.
- Add selected device DTM to Network by double-clicking it or pressing the + button next to it.



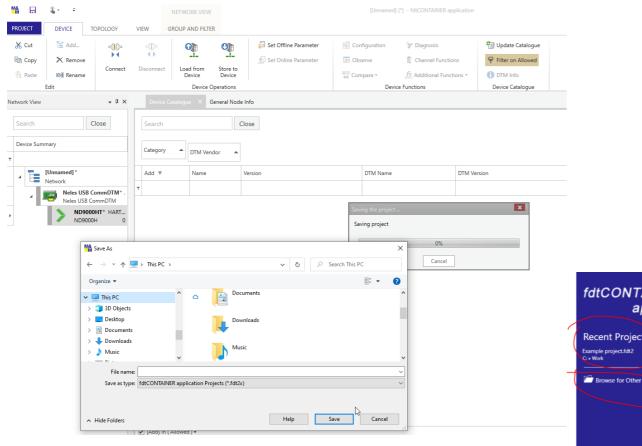
#### **DTM** functions



- DTM functions can be found in DEVICE tab or by right-clicking the mouse on top of the DTM (or communication DTM).
- Device Catalogue is now empty because it is not allowed to add anything to the device DTM in Network. Once again, all items in the catalogue can be shown by unchecking the 'Add in Allowed'.
- Now you are ready to use the DTM!



#### Saving a project



- Saving a project is done in PROJECT tab.
- Select Save as. Browse for correct location and give file name. Press Save.
- Next time the fdtCONTAINER is opened the saved project can be found in Recent Projects or Browse for Other Projects.

