1. Add DNP3 device (Example with TCP)

Project Configuration «	TCP(NewDevice)	🔤 dnp3(NewDevice) 🛛 🛪							
DevDNP3Master     NewDevice-33	Apply X	Discard							
🚊 🖳 Data Center	🚰 General Information								
IO Tag	☑ Central Anomication ☑ Enable								
	Name:	dnp3							
	Meter Type:	DNP3Master							
	Unit Number:	1							
	Tag Write Type:	Single Write	<b>*</b>						
Data Storage     Data Storage     Constructe     Constructe     Constructe	Description:		<u>^</u>						
<ul> <li>⊕ <sup>™</sup> Connectivity</li> <li>⊕ <sup>™</sup> System</li> </ul>	Add meter nam	e as prefix to IO tags	Bulk Copy						
	A TCP/IP								
	IP Address:	172.21.67.50	1						
	Port Number:	20000							
	Extention Properties	S							
	Master Address:								
	4 2								
	Slave Address:								
	4 3								
	Request Timeout(s):								
	5 4								
	Keep-Alive Interval(s):								
Project Configuration	60 5								
	The period of T	FimeSync(s):							
Online Device	600		6						

(We can support only one session for one DNP3 Slave.)

- 1. The IP and port of the Slave.
- 2. Master address of the session.
- 3. Slave address of the session.
- 4. Response timeout of the data request instruction.
- 5. If it is disable, master will not send heartbeat message to slave .
- 6. If it is disable, master will not do timesync.

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7.
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Analog Inputs variation:	
Variation 5 - float-point with flag	-
Analog Outputs variation:	
Variation 3 - float-point	•
Binary Inputs variation:	
Variation 2 - with flags	•
Binary Outputs variation:	
binary oucpues variation.	
Variation 2 - output status with flags	•
	•
Variation 2 - output status with flags	•
Variation 2 - output status with flags Counter variation:	•

Customer can configure the variation for the data. Please refer to the DNP3 Protocal Document. If there is no special requirements, keep default is ok.

2. Add tags.

DevDNP3Master NewDevice-33	💠 Add 🗱	Delete 📃 Modify							
😑 📥 Data Center	Name	Data Type	Ini	tial Value	Scan Rate	Address	Co	nversion Type	Scale Typ
😑 📕 IO Tag	tag1	Analog	0.0		1	group=30;index=0;class=1	N/A		No Scale
B-000 BoardIO	tag2	Analog	0.0		1	group=1;index=0;class=1	N/A		No Scale
	tag3	Analog	0.0		1	group=10;index=0;class=1	N/A		No Scale
ia - iai dnp3	tag5	Analog	0.0		1	group=20;index=0;class=1	N/A		No Scale
IO Tag	New Tag						DNP3 Addr	ess Configuration	
🜆 System Tag	🚰 Basic			Advanced					
							Group:	Analog Inputs	
User Tag	Name:	NewTag		ScalingType	a: No Se	ale 🔹		Analog Inputs Analog Outputs	
E - 2 Service	Data Type:	Analog		Formula:			Index:	Binary Inputs	
Event Manager	Address:							Binary Outputs	
Connectivity				Scale:	0			Counters Frozen Counters	
🖢 🐻 System	Span High:	100		Offset:					
	Span Low:	0			0				
	Initial Value:	0.0		Clamp:		amp to span low amp to span high			
	Scan Rate:	1	_			amp to span high amp to zero			
	Description:	-							
	beschpatin								

- 1. Configure the address of the tag.
- 2. There are 6 types.

Note: In case of the master in Linux can't send "Frozen" command, so our Frozen counter tag can only use to collect data.

3. Index: The index of the tag in Slave.