

1. Add DNP3 device (Example with TCP)

The screenshot displays the configuration window for a DNP3 device named 'dnp3'. The interface is divided into several sections:

- Project Configuration:** A tree view on the left shows the hierarchy: DevDNP3Master > NewDevice-33 > Data Center > IO Tag > BoardIO > COM1 > TCP > dnp3. Other tags like System Tag, Calculation Tag, User Tag, Data Storage, Service, Event Manager, Connectivity, and System are also visible.
- General Information:**
 - Enable
 - Name: dnp3
 - Meter Type: DNP3Master
 - Unit Number: 1
 - Tag Write Type: Single Write
 - Description: (empty text area)
 - Add meter name as prefix to IO tags
 - Bulk Copy button
- TCP/IP:**
 - IP Address: 172.21.67.50
 - Port Number: 20000
- Extention Properties:**
 - Master Address: 4
 - Slave Address: 4
 - Request Timeout(s): 5
 - Keep-Alive Interval(s): 60
 - The period of TimeSync(s): 600

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

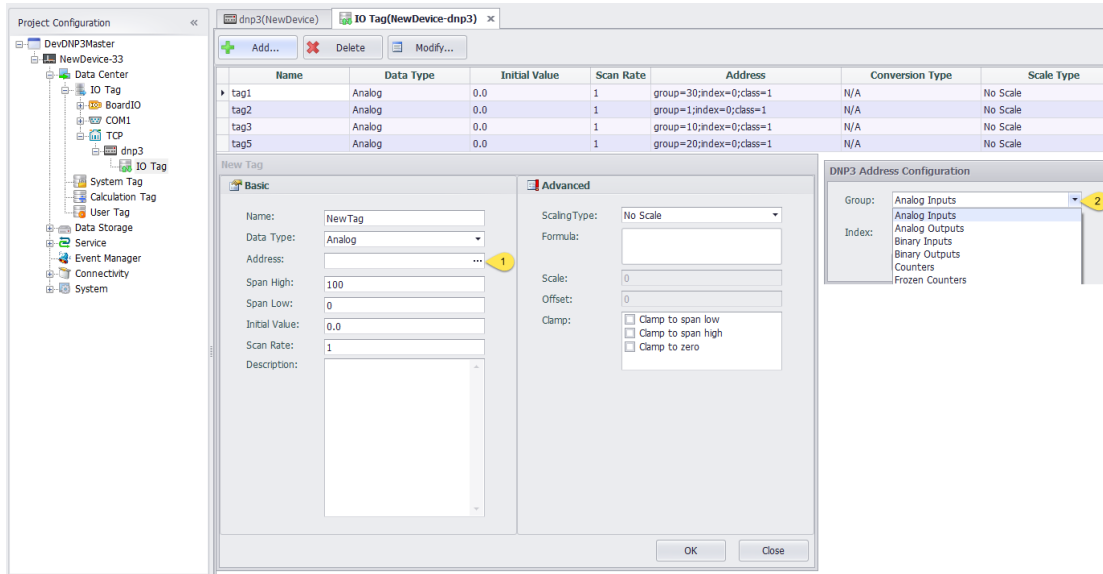
1. The IP and port of the Slave.
2. Master address of the session.
3. Slave address of the session.
4. Response timeout of the data request instruction.
5. If it is disable, master will not send heartbeat message to slave.
6. If it is disable, master will not do timesync.
- 7.

This panel lists several configuration variations:

- 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: Variation 2 - output status with flags
- Counter variation: Variation 1 - 32-bit with flag
- Frozen counter variation: Variation 1 - 32-bit with flag

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

2. Add tags.



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.