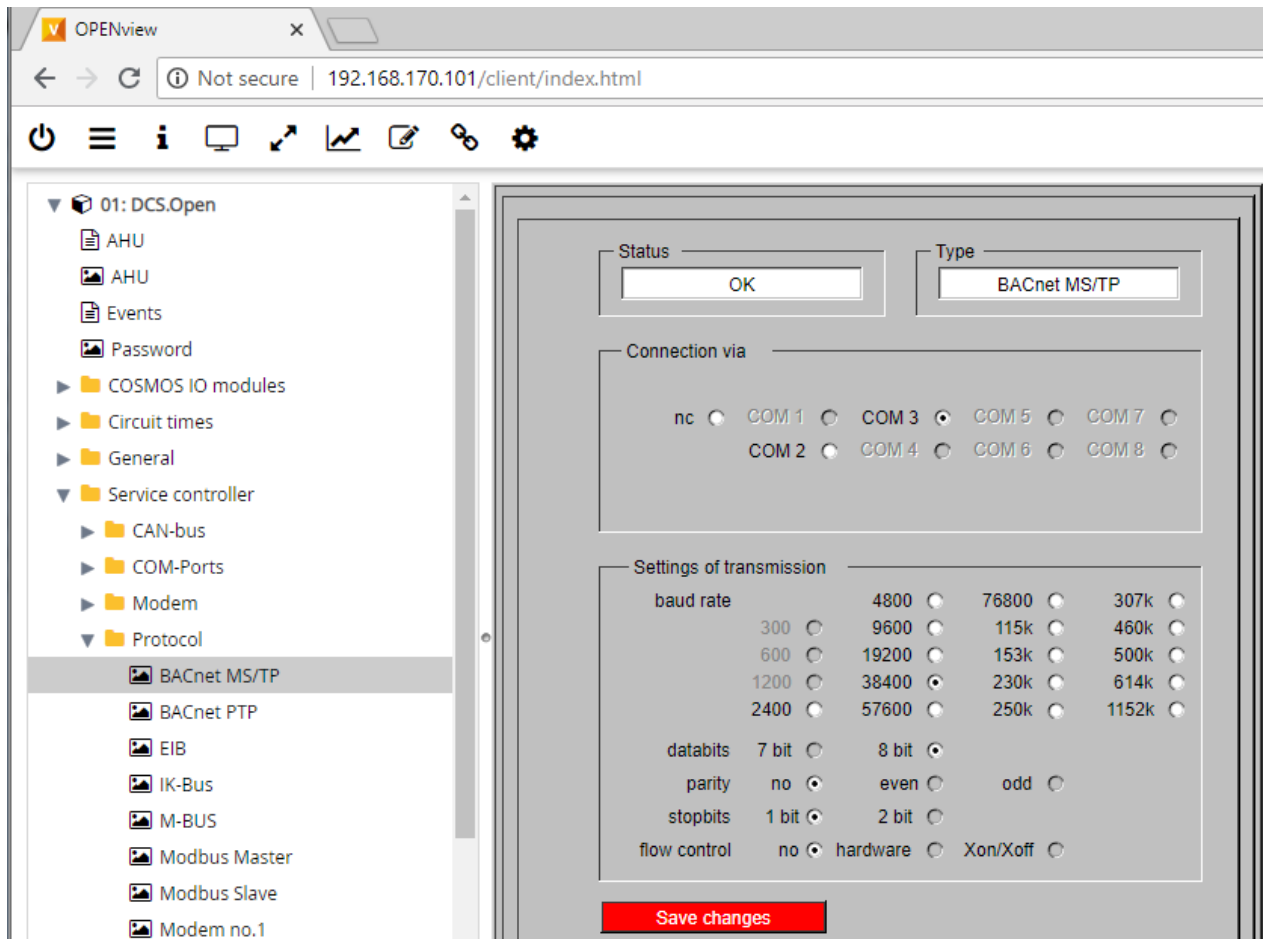
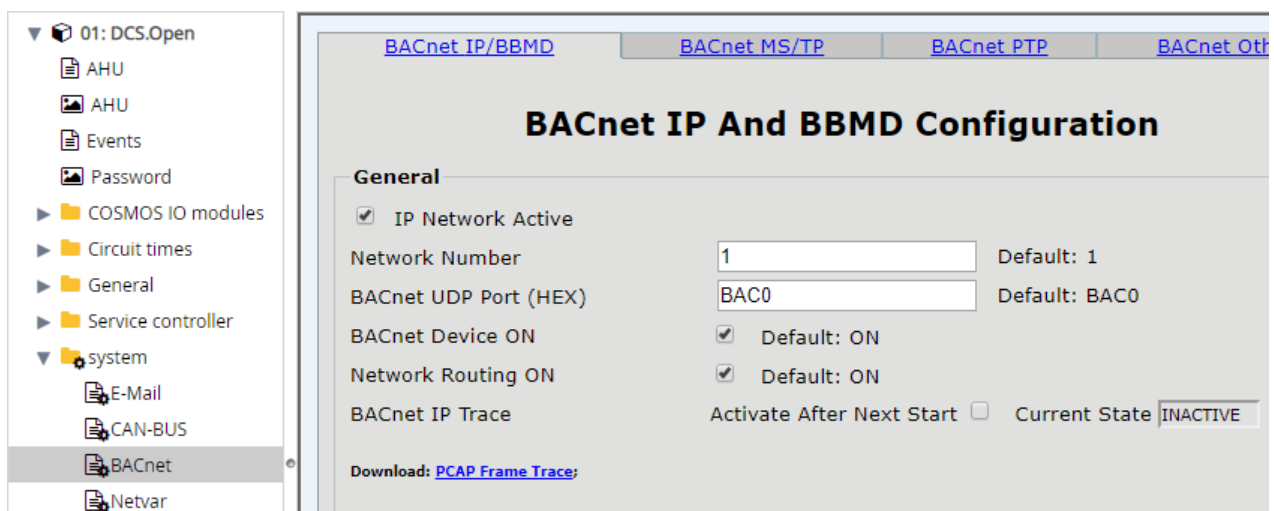


TT180809 - OPENview - BACnet MSTP Setup

1. Connect the bus of the BACnet MS/TP device to the COM3 “A+” and “B-” terminal of the controller
2. Start Chrome. Login to your controller. Click “Service Controller”, “Protocol”, “BACnet MS/TP”. Select “COM3” and click “Save Changes” (in some cases, you may need to change to baud rate according to your BACnet device)



3. Click “System”, “BACnet”, and select “BACnet MS/TP” TAB



4. Tick the “MS/TP Network Active” and “BACnet Device ON”. Change the “Max Master” to 127. If you have more than one MS/TP bus, then you need to change to “Network Number” to different value in each controller, e.g. 6662, 6663, etc.

[BACnet IP/BBMD](#) [BACnet MS/TP](#) [BACnet PTP](#)

BACnet MS/TP

General

☒ MS/TP Network Active (Default: OFF)

Network Number

BACnet Device ON ☒ Default: OFF

Network Routing ON ☒ Default: ON

MS/TP BACnet Settings

Max Master Default: 8

Max Info Frames Default: 50

MAC Address

5. Scroll down to the bottom. Tick the “Time Synchronization” if you want to synchronize the clock with the BACnet MS/TP device. Click “Save Changes”

BACnet Send Time Synchronization to MS/TP Port


☐ Time Synchronization Default: OFF

Send Time Default: 05:00

Last Synchronization

Local Time Synchronization

[Save Changes](#) [Reset To Defaults](#) [Reload](#)

6. Click “Restart BACnet Process”. You should see the below pop-up window. If not, you may see this icon  in your browser, and please set “Always allow pop-ups from [site]”, and try again

Configuration Saved

To take active you have to restart the BACnet process.

[Reread Configuration](#)

[Restart BACnet Process](#)

Untitled - Google Chrome

about:blank

STOP BACnet: - OK -

START BACnet: - OK -

7. Now the COM3 LED on the controller should start flashing. Wait for a while, and click the “Reload” button and you will see the MS/TP bus details below

[Save Changes](#) [Reset To Defaults](#) [Reload](#)

MS/TP Bus Statistics

Timestamp

Baud Rate (8N1)

MS/TP Quality Value: 0..100

Device Counter

Frame Counter

Frames Sent

Frames Received

Frame Error

Poll For Master

Unwanted Frames

Lost Token

Vendor Proprietary Frames

Request Queue Load Value: 0..100 / 0..100 (max)

Request Queue Lost

MS/TP List Of Device

Detection	MAC	ID	Name	Vendor	Version	Max Master	Max Info Frames	Max APDU Length Accepted	Max Segments Accepted	Add On
08.08.2018 11	170101	1	COSMOS	142.DEOS	1.052.3	127	50	480	16	-
08.08.2018 11	91	91	SRU01	142.DEOS	1.06	127	1	480	-1	-