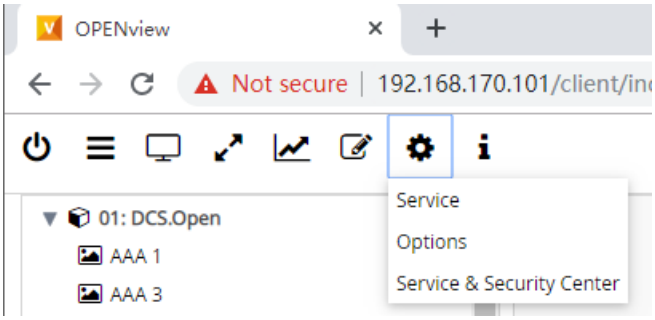
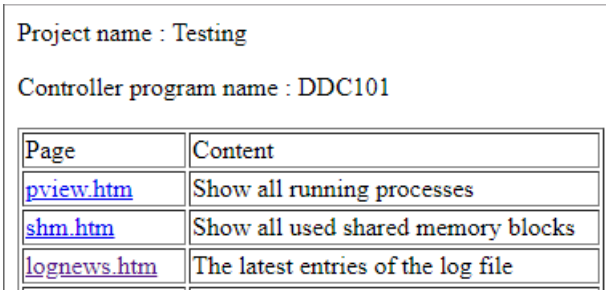
TT210704 – OPEN - BACnet Point Count

1. Our OPEN EMS controller support both BACnet client and server. For example, in an OPEN 600 controller, there are 250 BACnet objects license. This includes BACnet objects for both BACnet client and server.
2. To check how many licensed BACnet objects you've used in the controller. Start OPENview HTML5 in a browser, e.g. Chrome, click the "Services" button ⚙, and then click "Service".



3. Click "Lognews.htm".



Project name : Testing

Controller program name : DDC101

Page	Content
pview.htm	Show all running processes
shm.htm	Show all used shared memory blocks
lognews.htm	The latest entries of the log file

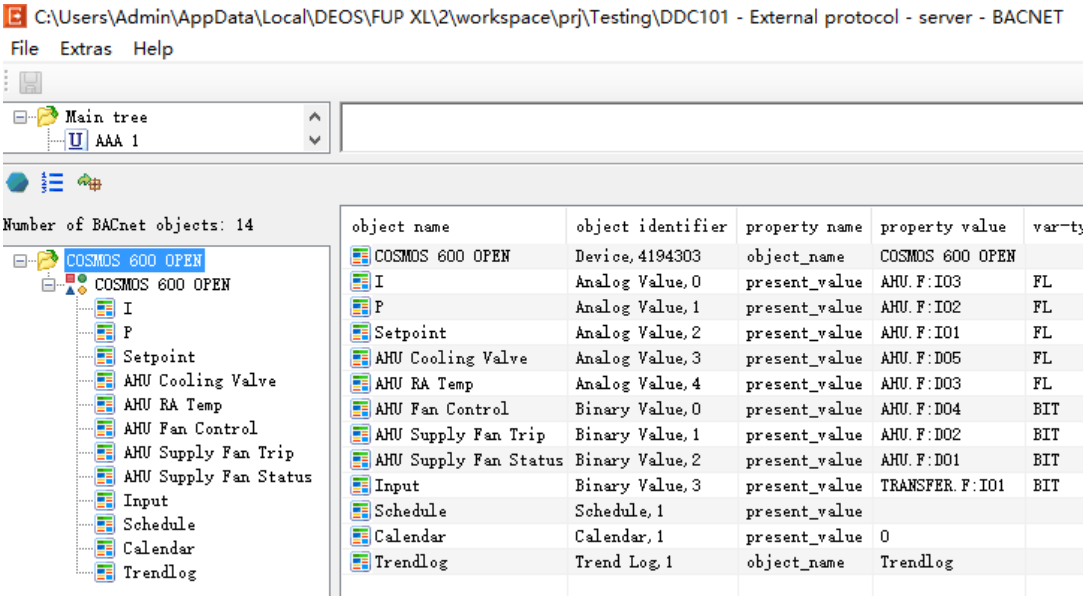
4. Scroll down to the bottom and you can see this line. In this example, we've used 10 BACnet objects for BACnet server, and 1 object for BACnet client.

BACnet -> INFO: BACnet Objects: Option Limit<250>, In Used<11>=Server<10>+Client<1>

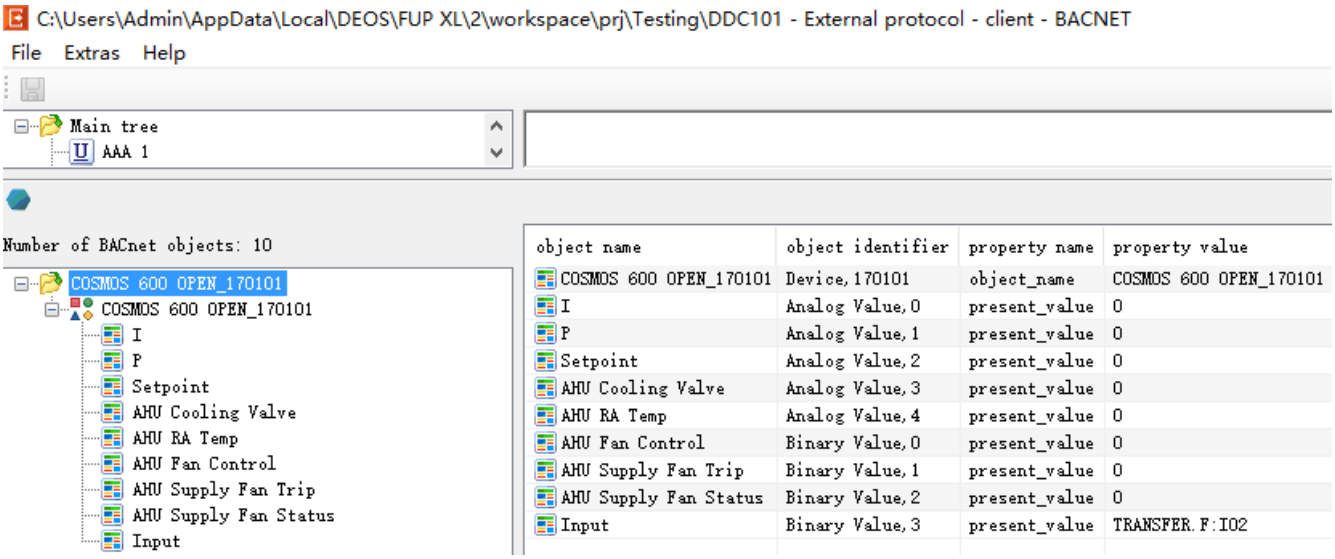
5. If you've exceeded the limit, then you will see the message like below.

BACnet -> INFO: BACnet Objects: Option Limit<0>, In Used<52>=Server<20>+Client<32>
BACnet -> ERROR: BACnet option limit reached (limit 0). Objects discarded: 52/52

6. In FUP, "BACnet", "Server" configuration, you can find also the "Number of BACnet objects".



7. Please note that this number is not “correct”, because when we calculate the BACnet point license in the controller, some BACnet objects are not count as they’re free of charge.
8. In the above example, there are actually 13 BACnet objects in our controller (BACnet server). However, the BACnet device object, schedule and calendar objects are not included in the license objects. So, only 10 BACnet objects are counted and it’s the same as you see in the Lognews.
9. In FUP, “BACnet”, “Client” configuration, you can also find the “Number of BACnet objects”.



10. Again, this number is not “correct”, because we only count the BACnet objects that you’ve linked to the FUP “Input” and/or “Display” as licensed objects.
11. In the above example, we only link 1 BACnet object in FUP (check “property value” column), so only 1 BACnet object is counted and it’s the same as you see in the Lognews.
12. In conclusion, always check Lognews for the correct licensed BACnet objects that you’ve used in the controller.

BACnet -> INFO: BACnet Objects: Option Limit<250>, In Used<11>=Server<10>+Client<1>