

Cbus-2 Integration

BOBBIO to Clipsal Cbus-2 is an extremely easy integration.

Here is the step by step guide to achieving the integration.

Plug in the USB type A to type B from your computer to the C-bus 2 SHAC/NAC controller.

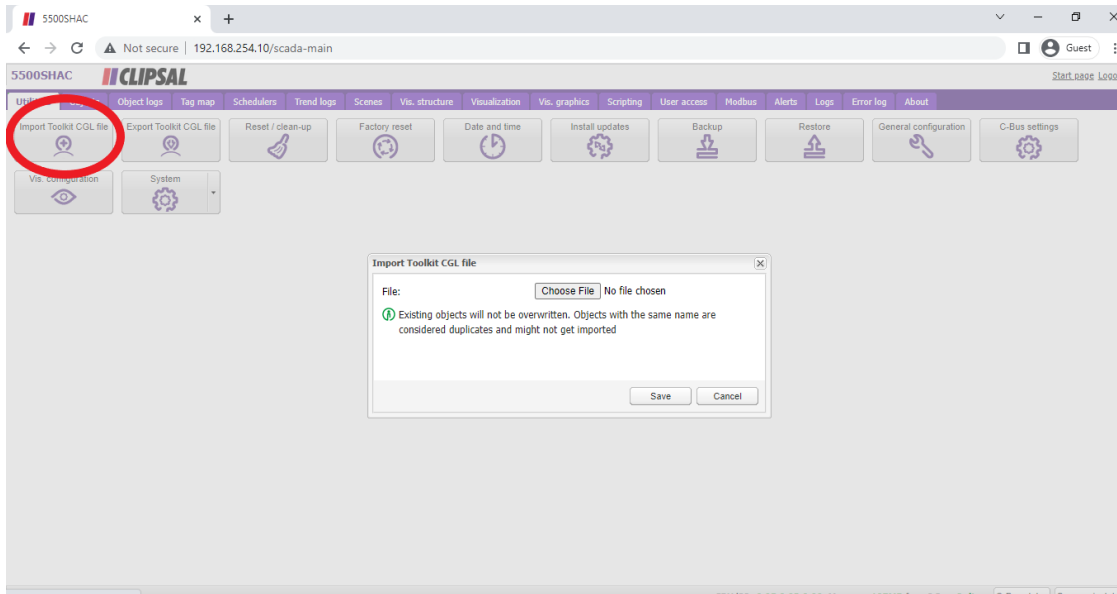


Log onto the SHAC/NAC standard IP address (192.168.254.10)

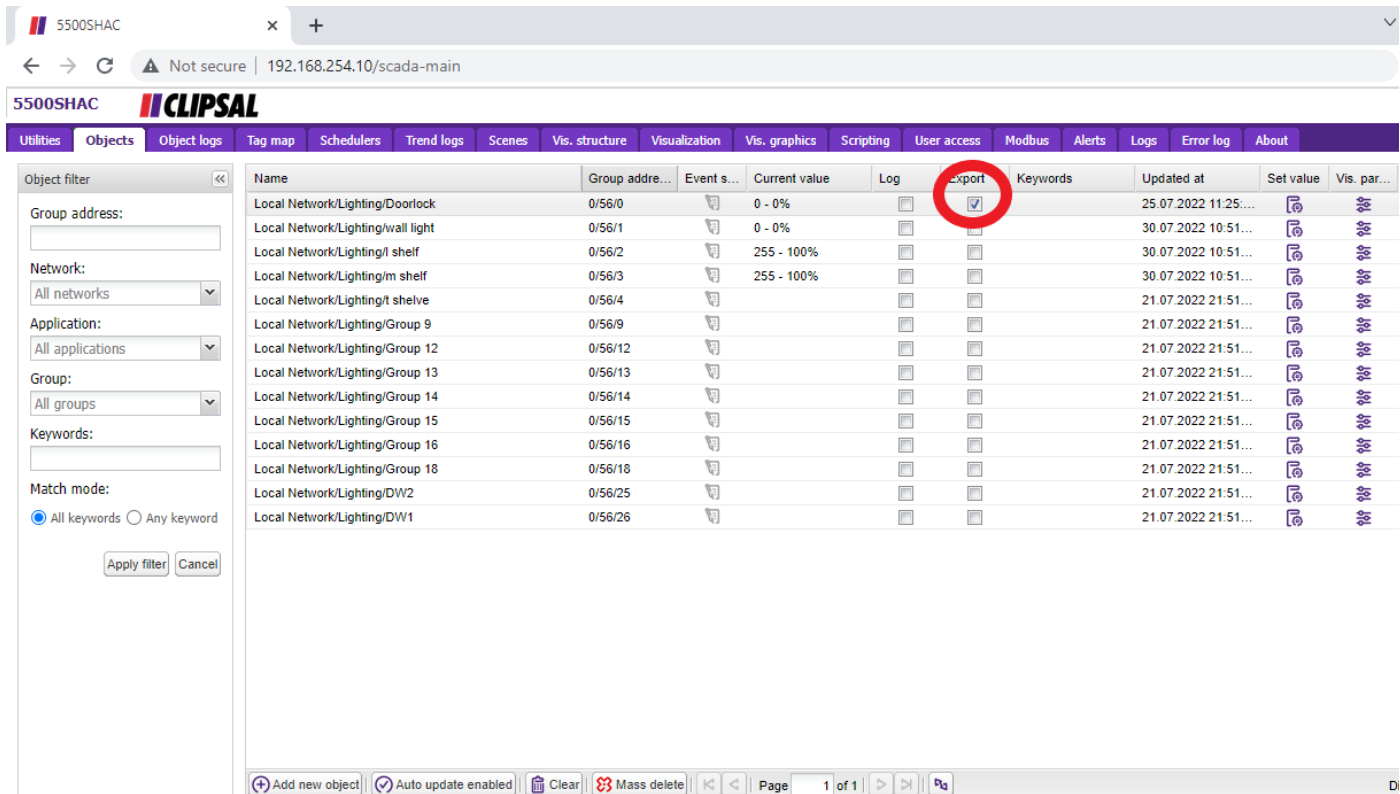
Log in to the configurator (standard user and password is 'admin' 'admin')



Import CGI file of desired network from the C-bus2 toolkit



Click on Objects and tick the 'export' box on the objects you want to use in BOBBIO



Click on the utilities tab and then the system tab.
This will bring you into the system settings

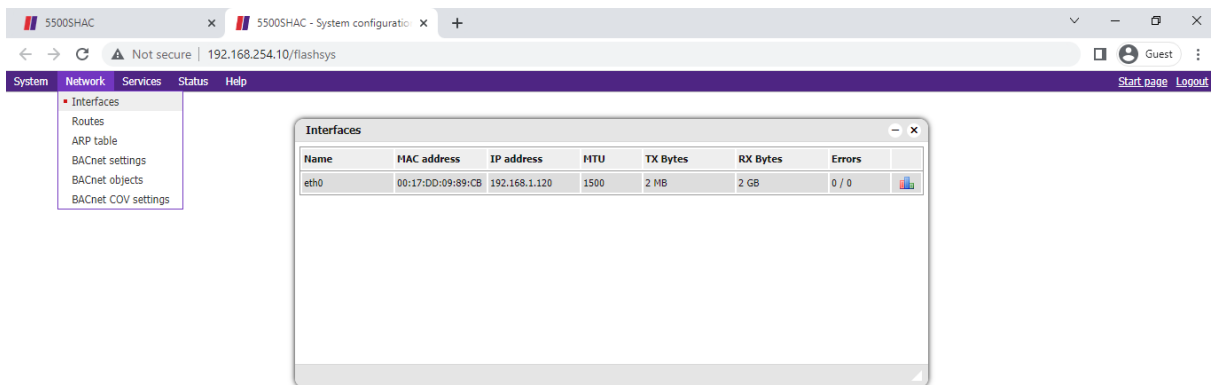
Click on the 'network' tab then the 'interfaces' tab



Load averages: 0.27 0.11 0.03



Set your IP address



Load averages: 0.16 0.09 0.03



192.168.254.10/flashsys#

Click on Bacnet settings

The screenshot shows the BOBBIO web interface. The 'Network' menu is open, and 'BACnet settings' is highlighted with a red circle. The 'Interfaces' table is visible below the menu.

Name	MAC address	IP address	MTU	TX Bytes	RX Bytes	Errors
eth0	00:17:DD:09:89:CB	192.168.1.120	1500	2 MB	2 GB	0 / 0

Load averages: 0.08 0.08 0.02

192.168.254.10/flashsys#

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Tick all three boxes

The screenshot shows the 'BACnet settings' dialog box. Three checkboxes are checked: 'Server enabled', 'Add group address to object name', and 'Use comment as object description'. The 'Device ID' is set to 127001, 'Password' is mybacpwd, 'Object priority' is 16, and 'Port' is 47808.

Name	MAC address	IP address	MTU	TX Bytes	RX Bytes	Errors
eth0	00:17:DD:09:89:CB	192.168.1.120	1500	2 MB	2 GB	0 / 0

BACnet settings

Server enabled

Device ID: 127001

Password: mybacpwd

Object priority: 16

Add group address to object name

Use comment as object description

Port: 47808

BBMD IP:

BBMD port:

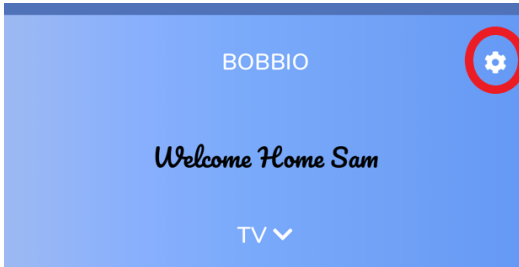
BBMD lease time (seconds):

OK Cancel

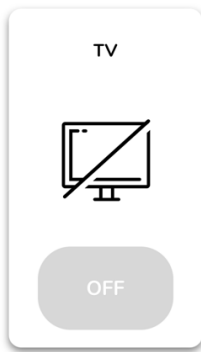
Load averages: 0.04 0.07 0.02

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Log into the BOBBIO app and continue to edit mode.



LOUNGE



Sam Smith

Change Password

Manage Accounts

Network Settings

Unit Status

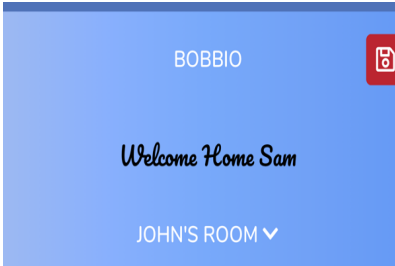
Edit Mode

Logout

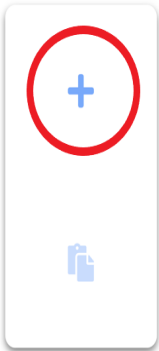
← EDIT MODE



ENTER

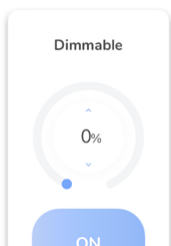
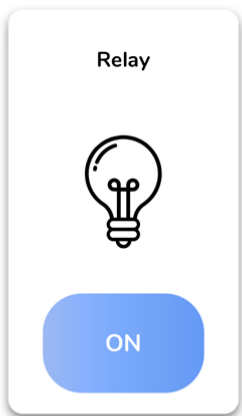


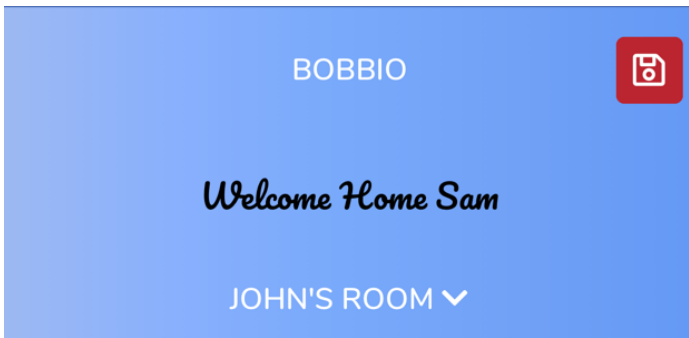
Click on widget to create an object



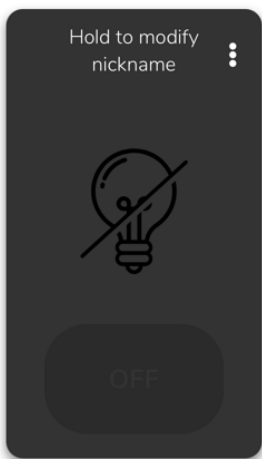
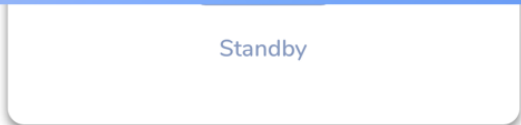


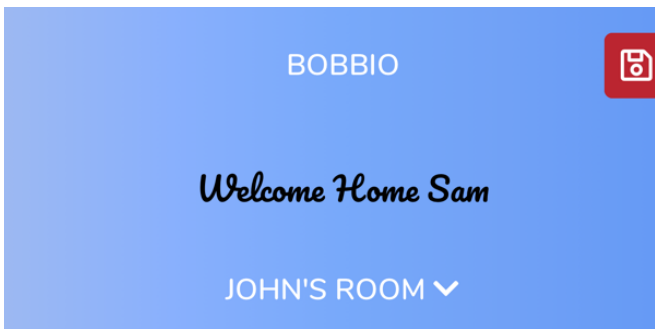
Click on the object you want to add.



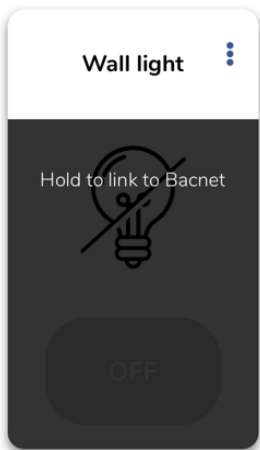
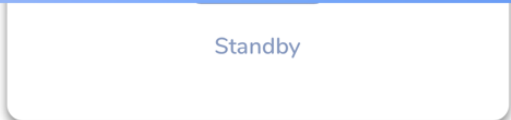


Create a name for the object by holding on the text





Hold the text to link the bacnet object to BOBBIO



← BACNET REFERENCES

🔍 Search

- 127001
Doorlock
0/56/0 0 (0%)
- 127001
wall light
0/56/1 0 (0%)
- 127001
l shelf
0/56/2 0 (0%)
- 127001
m shelf
0/56/3 0 (0%)
- 127001
t shelve
0/56/4 0 (0%)
- 127001
Group 9
0/56/9 0 (0%)

RECENTLY ACTIVE

You can now see all the all the objects you have exported from the SHAC/NAC

Note:

In the case that the objects generically labelled in group titles:

Objects can also be found by selecting the recently active tab at the bottom and in real time click c-bus switches or activate any bacnet object connected through the cbus network to find what object you desire.

CANCEL

DONE



RECENTLY ACTIVE

Listening for recently active devices...
(first entry is the most recent)

0 found.

BACNET REFERENCES

CANCEL

DONE

← BACNET REFERENCES

🔍 Search

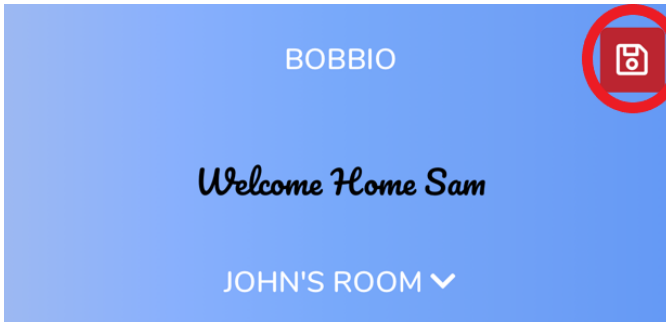
<input type="radio"/>	127001 Doorlock 0/56/0	0 (0%)
<input checked="" type="radio"/>	127001 wall light 0/56/1	0 (0%)
<input type="radio"/>	127001 l shelf 0/56/2	0 (0%)
<input type="radio"/>	127001 m shelf 0/56/3	0 (0%)
<input type="radio"/>	127001 t shelve 0/56/4	0 (0%)
<input type="radio"/>	127001 Group 9 0/56/9	0 (0%)

RECENTLY ACTIVE

Select the object desired and click done.

CANCEL

DONE



Congratulations!, you have successfully set up a Cbus-2 object in BOBBIO

Exit the edit mode by clicking the icon in the top right corner.

