#### **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

	5500SHAC	× +		× –	ø ×
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5500	SHAC	<b>II CLIPSAL</b>		1	itart page Logou
United States	STAC	Object logit     Tag mage     Schedulers     Tend logit       Structure     Export Toolati Coll Bio     Reself / clean-up       System     System	Vis.structure       Vasilization       Vis.graphics       Scripting       User ancces       Moduce       Airs       Lgs       Error log       About         Factory meet       Image: Scripting       Image: Scripting	C-Bus setting	
102.10		· · #]	CRU/TOL 0.05 0.02 0.00 Momenter 102MB free C Puer Online	C Rue etatue	Sunc project dat

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

5500SHAC	× +									~
← → C ▲ Not secure	e   192.168.254.10/scada-main									
5500SHAC	L									
Utilities Objects Object logs	Tag map Schedulers Trend logs Scene	es Vis. structure Visua	alization Vi	s. graphics	Scripting Use	r access	Modbus Alerts	Logs Error log	About	
Object filter	Name	Group addre	Event s 0	Current value	Log	export	Keywords	Updated at	Set value	Vis. par
Group address:	Local Network/Lighting/Doorlock	0/56/0	(E) (C)	) - 0%				25.07.2022 11:25:	6	\$
Group address.	Local Network/Lighting/wall light	0/56/1	<b>E</b> (	) - 0%				30.07.2022 10:51	ි	80
	Local Network/Lighting/I shelf	0/56/2	1 2	255 - 100%				30.07.2022 10:51	6	00
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	Local Network/Lighting/Group 18	0/56/18	1					21.07.2022 21:51	โด	<b>8</b>
Match mode:	Local Network/Lighting/DW2	0/56/25	1					21.07.2022 21:51	โด	<b>\$</b>
All keywords   Any keyword	Local Network/Lighting/DW1	0/56/26						21.07.2022 21:51	ត្រ	90
Apply filter Cancel										
	Add new object	Clear Mass delete	e  K  <	Page 1	of 1   D D	Pu				D



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: 0.16 0.09 0.03 192.168.254.10/flashsys#



#### Click on Bacnet settings

550	00SHAC	× 📕 5500SF	HAC - System configu	uratio × +							~ - 0 ×
$\leftarrow \rightarrow$	C A Not secur	re   192.168.254.10	/flashsys								Guest :
System	Network Services S	tatus Help									Start page Logout
	<ul> <li>Interfaces</li> </ul>										
	Routes ARP table		Interfaces							- *	
$\triangleleft$	BACnet settings		Name	MAC address	IP address	MTU	TX Bytes	RX Bytes	Errors		
	BACnet objects		eth0	00:17:DD:09:89:CB	192.168.1.120	1500	2 MB	2 GB	0 / 0		
l	BACnet COV settings										
											)

Load averages: 0.08 0.08 0.02	by Schneider Electric
192.168.254.10/flashsys#	

#### Tick all three boxes

5500SHAC × 5500	SHAC - System config	uratio ×	+							~ - 0 X
← → C ▲ Not secure   192.168.254.	0/flashsys									Guest :
System Network Services Status Help										Start page Logout
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	eth0	00:17:0	DD:09:89:CE	3 192.168.1.120	1500	2 MB	2 GB	0 / 0	ib	
			BACnet	settings			×			
			Server en	abled						
			Device ID		12700	1				
			Password		myba	pwd				
			Object pri	ority	16					
			Add group	address to object n	ame 🗹					
			Use comm	nent as object descrip	otion 🗹					
			Port		47808					
			BBMD IP							
			BBMD por	t						
			BBMD leas	se time (seconds)						
						OK	Cancel			
				_	_					
										<b>II CLIPSAL</b>
Load averages: 0.04 0.07 0.02										by Schneider Electric

Log into the BOBBIO app and continue to edit mode.





÷	EDIT MODE	
	ENTER	
	BOBBIO	Click on widget to create an object
(	Welcome Home Sam	
	JOHN'S ROOM 🗸	
	+	
	ĥ	



← NEW DEVICES

Click on the object you want to add.









+





Hold the text to link the bacnet object to BOBBIO

### BACNET REFERENCES

Q	Search	
0	127001 <b>Doorlock</b> 0/56/0	0 (0%)
0	127001 wall light 0/56/1	0 (0%)
0	127001 <b>I shelf</b> 0/56/2	0 (0%)
0	127001 <b>m shelf</b> 0/56/3	0 (0%)
0	127001 <b>t shelve</b> 0/56/4	0 (0%)
0	127001 <b>Group 9</b> 0/56/9	0 (0%)

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.

RECENTLY ACTIVE

CANCEL

DONE

# ← RECENTLY ACTIVE

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

0 found.

**BACNET REFERENCES** 

CANCEL

DONE





CANCEL

DONE

Select the object desired and click 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.