



ComBridge **HCC**

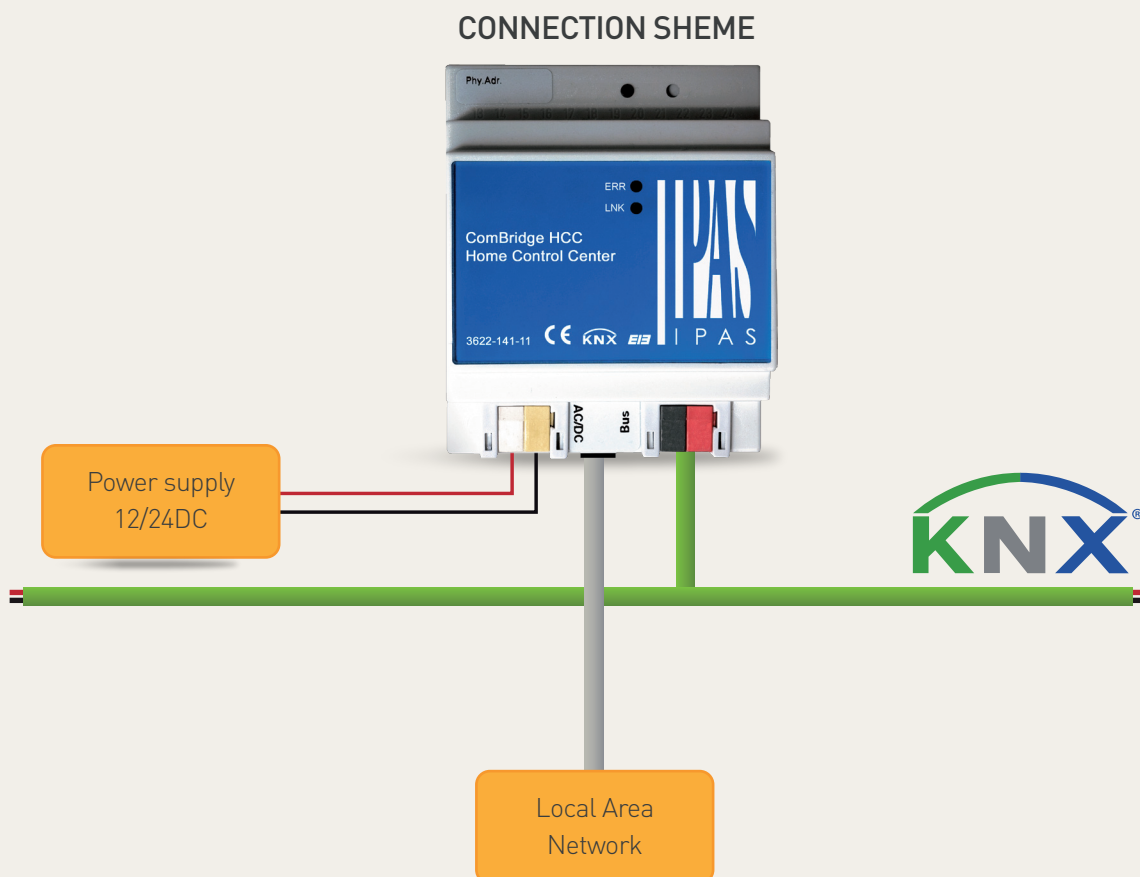
HCC QUICK GUIDE V 1.0



1 FIRST STEP

- What you get
 - HCC
- What you need
 - DC 24V power supply
 - KNX power supply
 - LAN connection:
 - Free IP address in the network
 - Network cable

2 CONNECTION



3 ETS CONFIGURATION

● 3.1 Config IP parameters in application program

Device: 1.1.2 ComBridge Home-Control

General Settings

IP Settings

Clock Setting

Object 6-10

Object 11-15

Object 16-20

Object 21-25

Object 26-30

Object 31-35

Object 36-40

Object 41-45

Object 46-50

Object 51-55

Object 56-50

Object 61-65

Object 66-70

Object 71-75

Object 76-80

Object 81-85

Object 86-90

Object 91-95

Object 96-100

Object 101-105

Object 106-110

Object 111-115

Object 116-120

Object 121-125

Object 126-130

Object 131-135

Object 136-140

Object 141-145

Object 146-150

Object 151-155

Object 156-160

Object 161-165

IP address (byte 1)	192
IP address (byte 1)	168
IP address (byte 1)	1
IP address (byte 1)	133
<hr/>	
Subnet mask (byte 1)	255
Subnet mask (byte 1)	255
Subnet mask (byte 1)	255
Subnet mask (byte 1)	0
<hr/>	
Gateway address (byte 1)	192
Gateway address (byte 1)	168
Gateway address (byte 1)	1
Gateway address (byte 1)	1
<hr/>	
DNS-Server address (byte 1)	192
DNS-Server address (byte 1)	168
DNS-Server address (byte 1)	1
DNS-Server address (byte 1)	1

3 ETS CONFIGURATION

3.2 Configure communication objects

Device: 1.1.2 ComBridge Home-Control

General Settings
IP Settings
Clock Setting
Object 6-10
Object 11-15
Object 16-20
Object 21-25
Object 26-30
Object 31-35
Object 36-40
Object 41-45
Object 46-50
Object 51-55
Object 56-50
Object 61-65
Object 66-70
Object 71-75
Object 76-80
Object 81-85
Object 86-90
Object 91-95

Object 6
Text 6
Data Type
no object
Enable Read on Init
no

Object 7
Text 7
Data Type
1 Byte (0..100%)
1 bit
1 Byte (0..100%)
1 Byte unsigned
1 Byte signed
2 Byte unsigned
2 Byte signed
2 Byte float
4 Byte unsigned
4 Byte signed
4 Byte float
14 Byte String
no object

Object 8
Data Type
Enable Read on Init

3 ETS CONFIGURATION

3.3 Link objects to group addresses

ETS4 TM - ETS_project

ETS Edit Workplace Commissioning Diagnostics Extras Window Help

New Close Project Print Undo Redo Workplace

Topology

Add Devices Delete New Dynamic Folder Split Project

Number	Name	Object Function	Group Addresses
1	Device Status Status		
2	Date Date (DPT 11.001)		
3	time Time (DPT 10.001)		
5	Secen Scene		
6	Object 6 boolean	1/1/0	
7	Object 7 scaling	1/2/0	
1	Object 8 float	1/4/0	

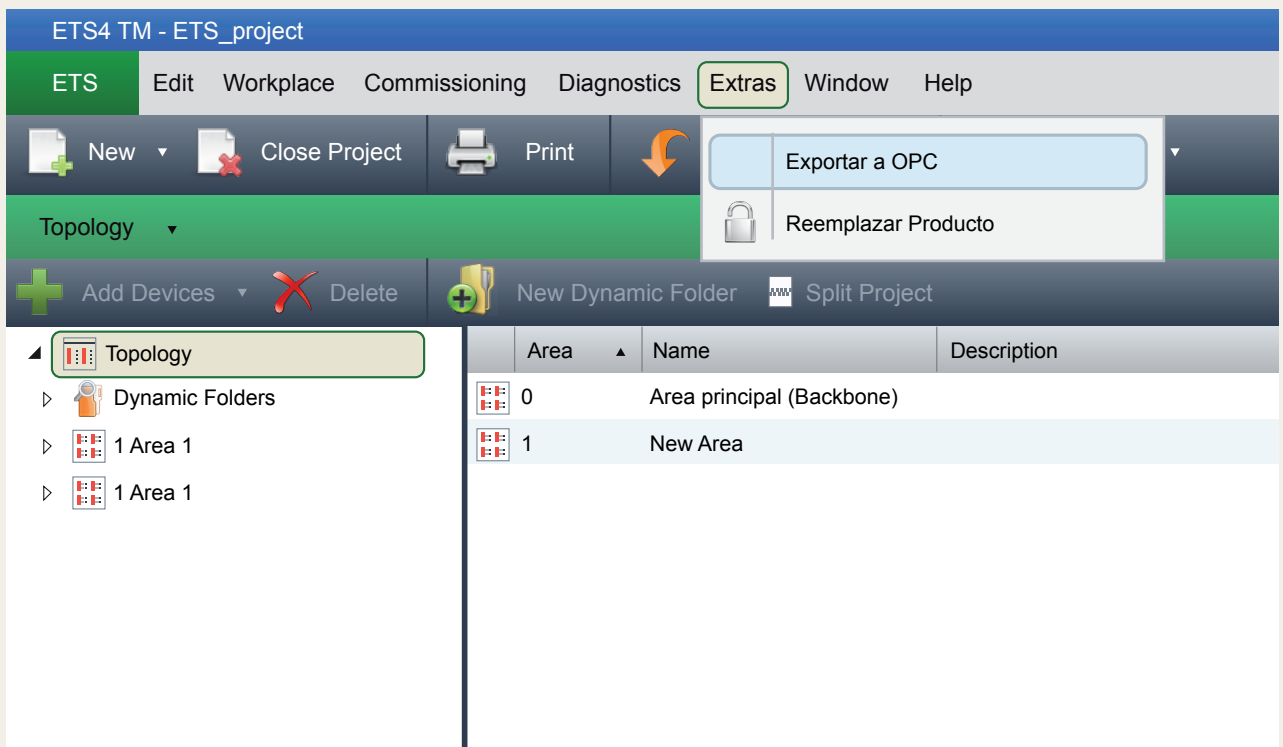
Group Addresses

Add Devices Delete New Dynamic Folder

Object	Device	Sending
8: Object 8 - float	1.1.2 ComBridge Home-Control	S

3 ETS CONFIGURATION

3.4 Export ESF file

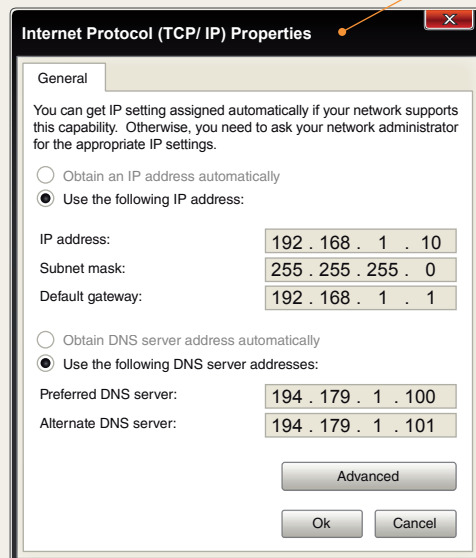
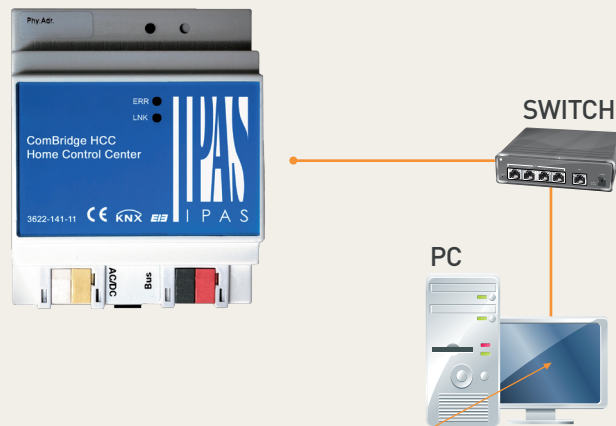


The screenshot shows the ETS4 TM software interface. The title bar reads 'ETS4 TM - ETS_project'. The menu bar includes 'ETS', 'Edit', 'Workplace', 'Commissioning', 'Diagnostics', 'Extras', 'Window', and 'Help'. The 'Extras' menu is open, showing options: 'Exportar a OPC' (highlighted) and 'Reemplazar Producto'. Below the menu bar, there are icons for 'New', 'Close Project', 'Print', and a refresh icon. A 'Topology' dropdown menu is visible. Below that, there are icons for 'Add Devices', 'Delete', 'New Dynamic Folder', and 'Split Project'. The main workspace is divided into two panes. The left pane shows a tree view under 'Topology' with 'Dynamic Folders', '1 Area 1', and another '1 Area 1'. The right pane is a table with columns 'Area', 'Name', and 'Description'.

Area	Name	Description
0	Area principal (Backbone)	
1	New Area	

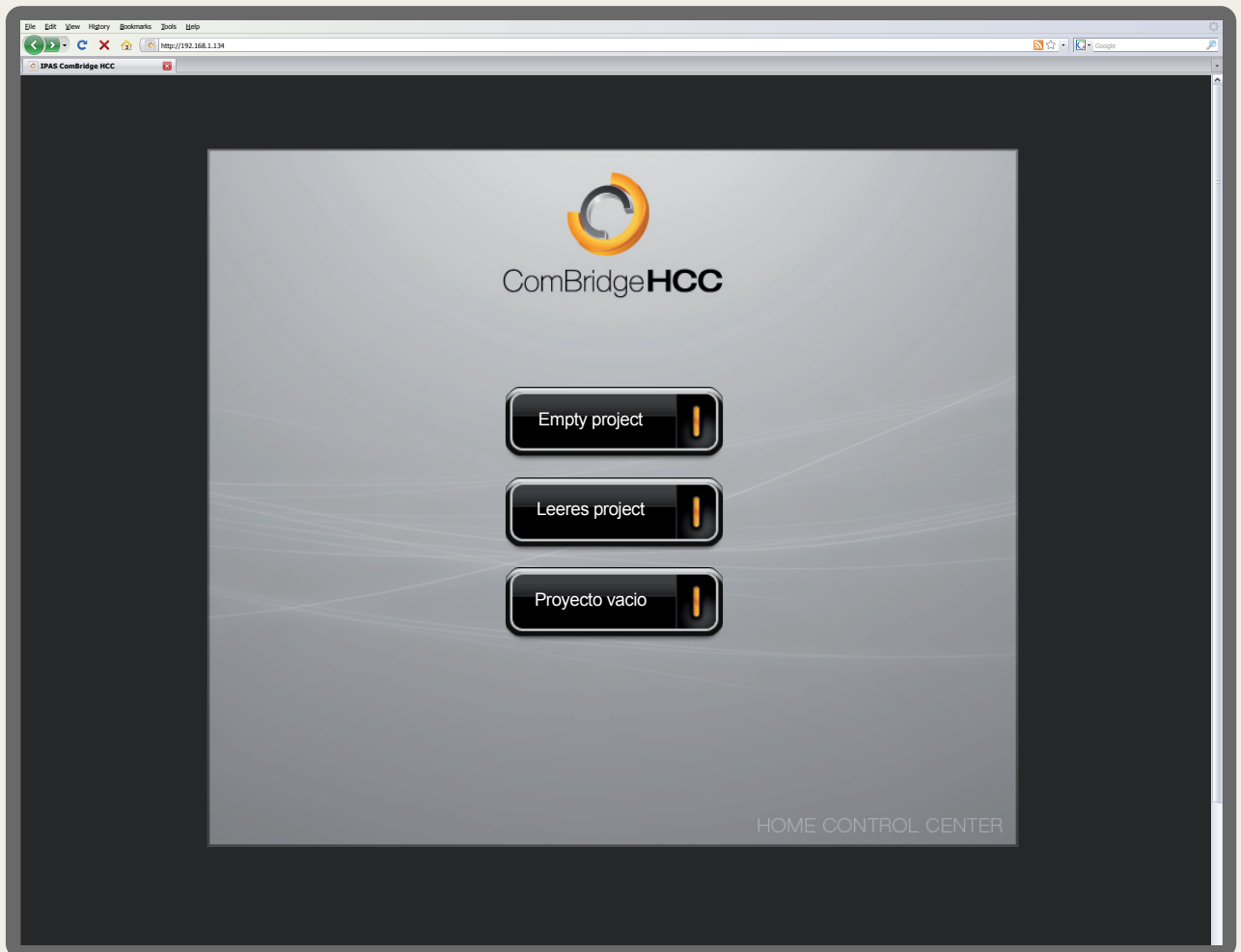
This file will be imported in editor later in order to see the group addresses and their names in the communication objects.

4 REMOTE CONFIGURATION



4 IMPORT DEMO PROJECT

- 4.1 Open default visualization page by introducing the IP <http://192.168.1.133>



5 EDITOR CONFIGURATION

- 5.1 Open browser in your PC and enter the following IP: `http://192.168.1.133/editor.php`

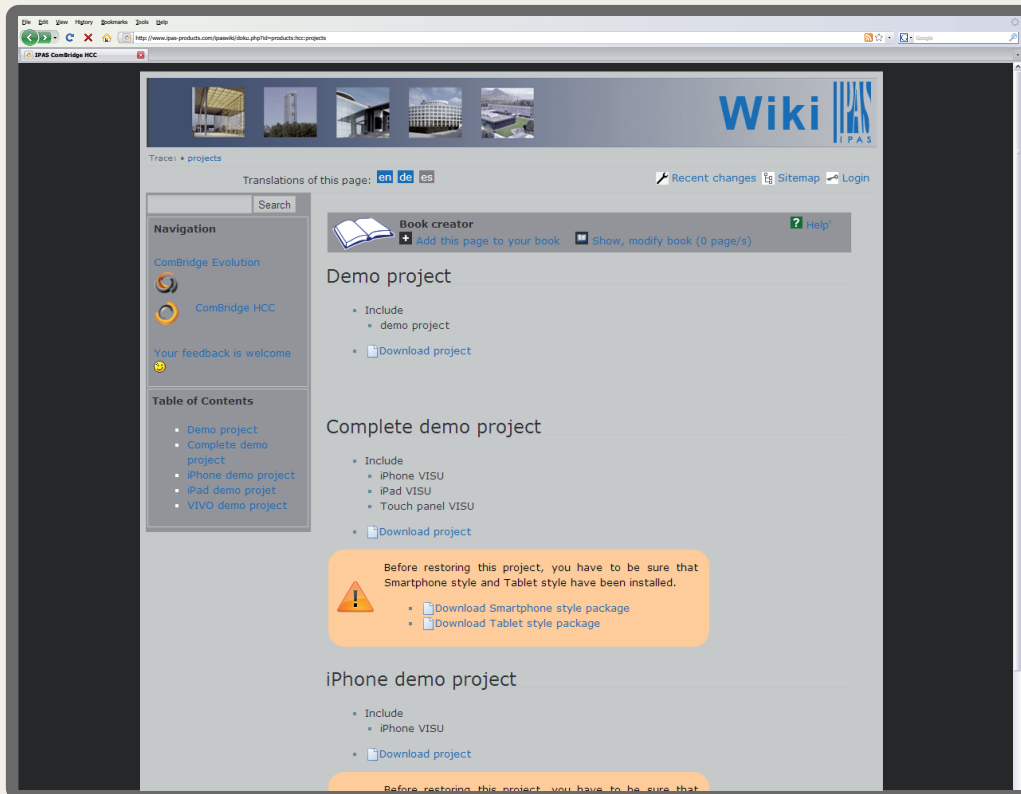


- 5.2 Introduce the password in the next login page (default password: HCC):

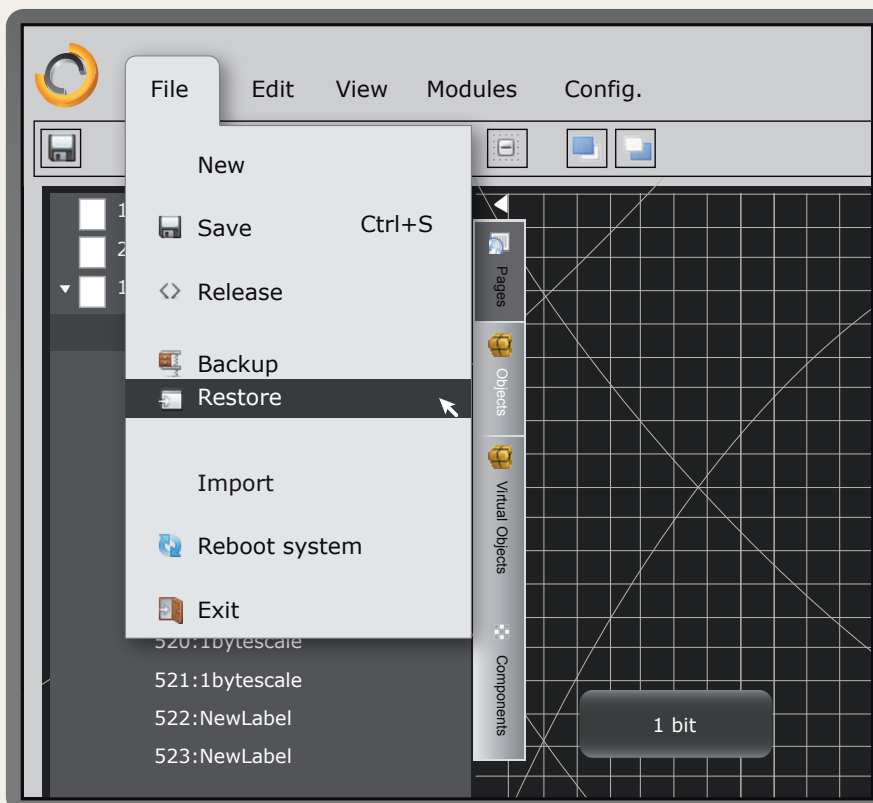


5 EDITOR CONFIGURATION

- 5.3 Click on the link and follow the instruction on the newly opened web page in order to restore one of the demo projects (In this quick guide the Demo Light will be uploaded)
 - <http://www.ipas-products.com/ipaswiki/doku.php?id=products:hcc:projects>



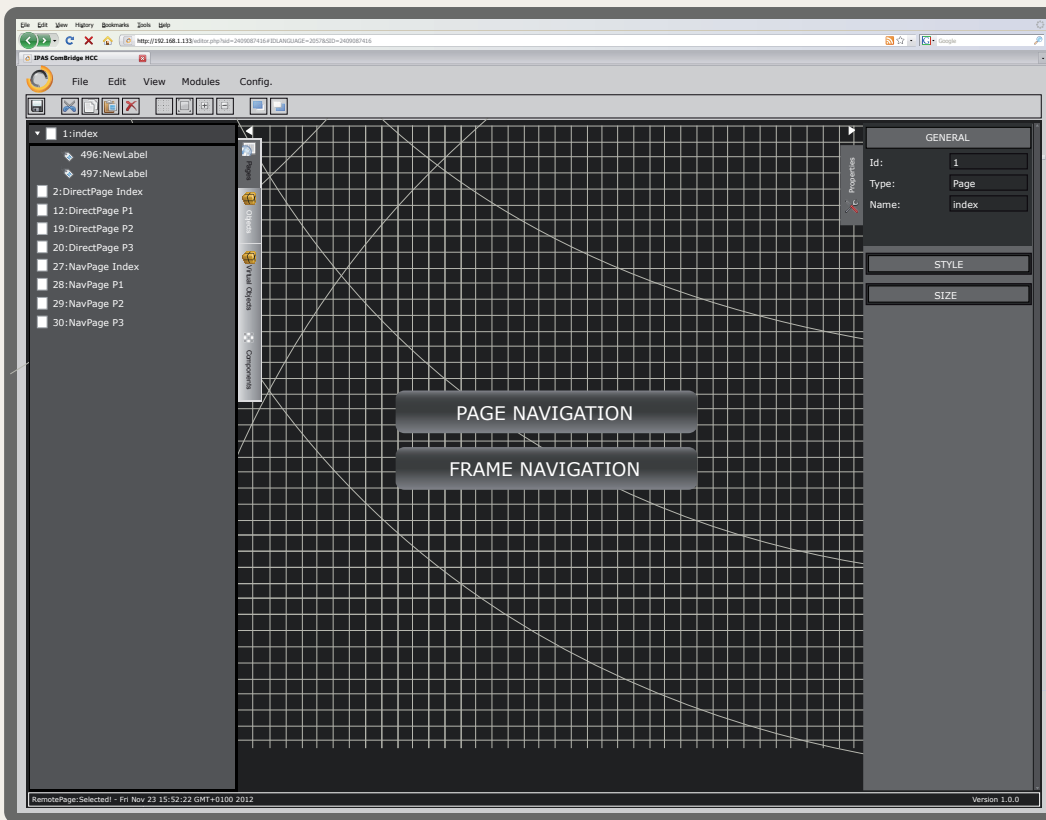
- Select the demo project and download it.
- Select the option restore in the HCC editor in order to upload the project on the HCC.



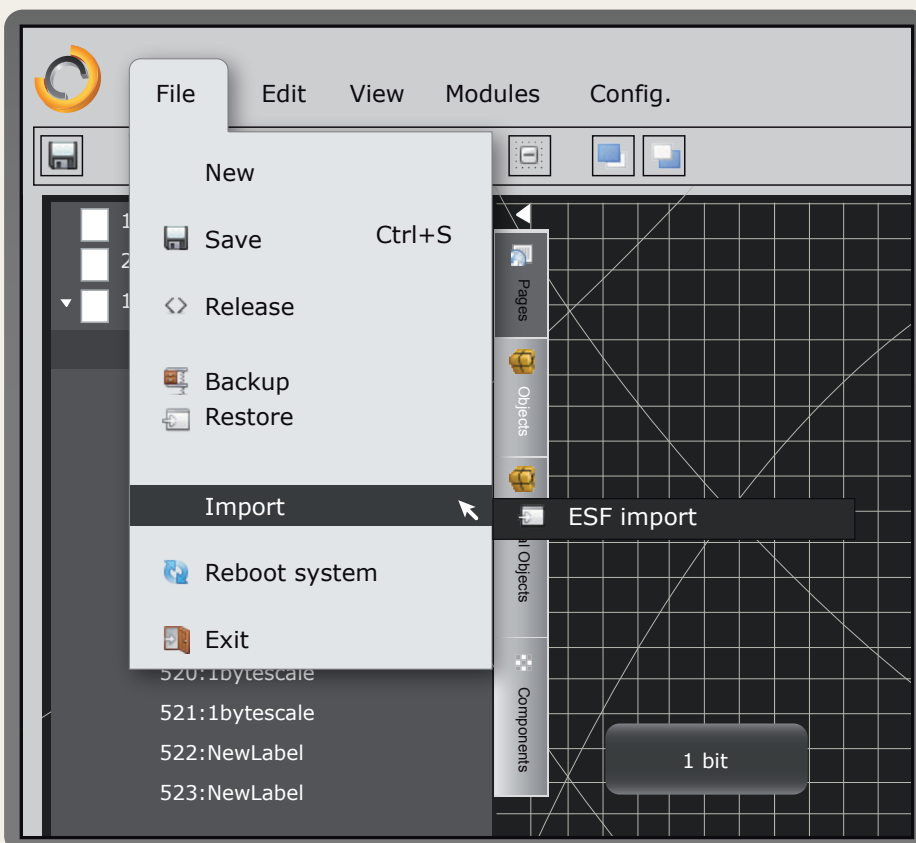
- When the upload has finished, the HCC restarts.

5 EDITOR CONFIGURATION

- 5.4 Edit the Demo Light project with the preconfigured ETS communication objects

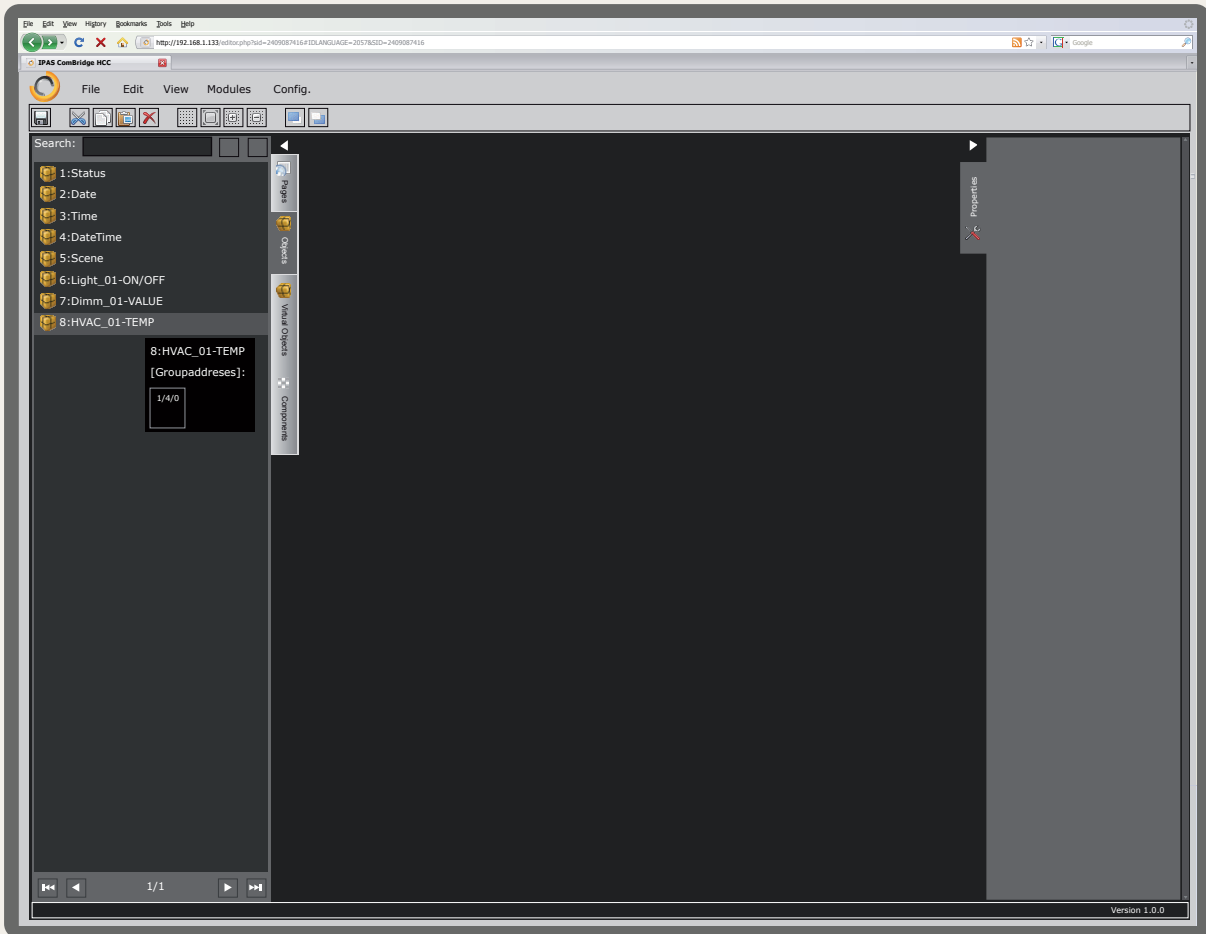


- 5.5 Import ETS ESF file



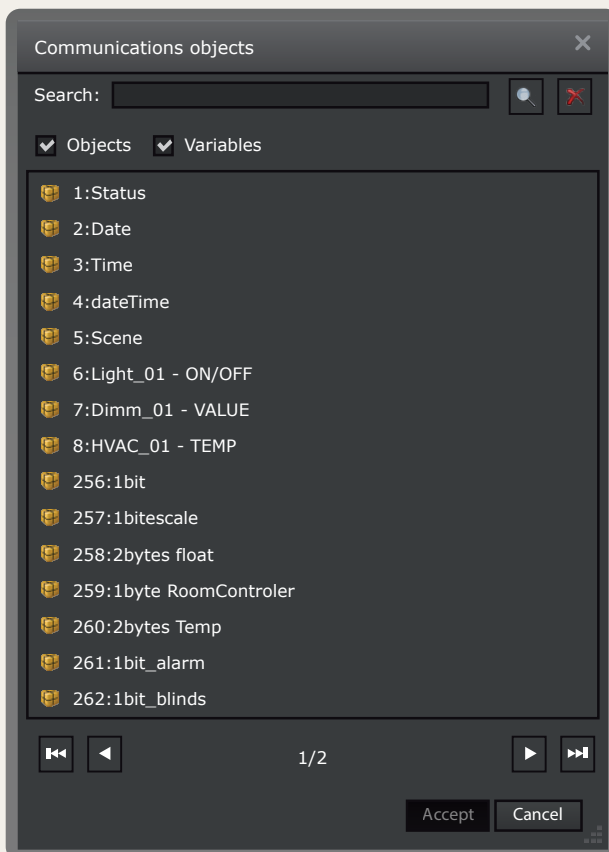
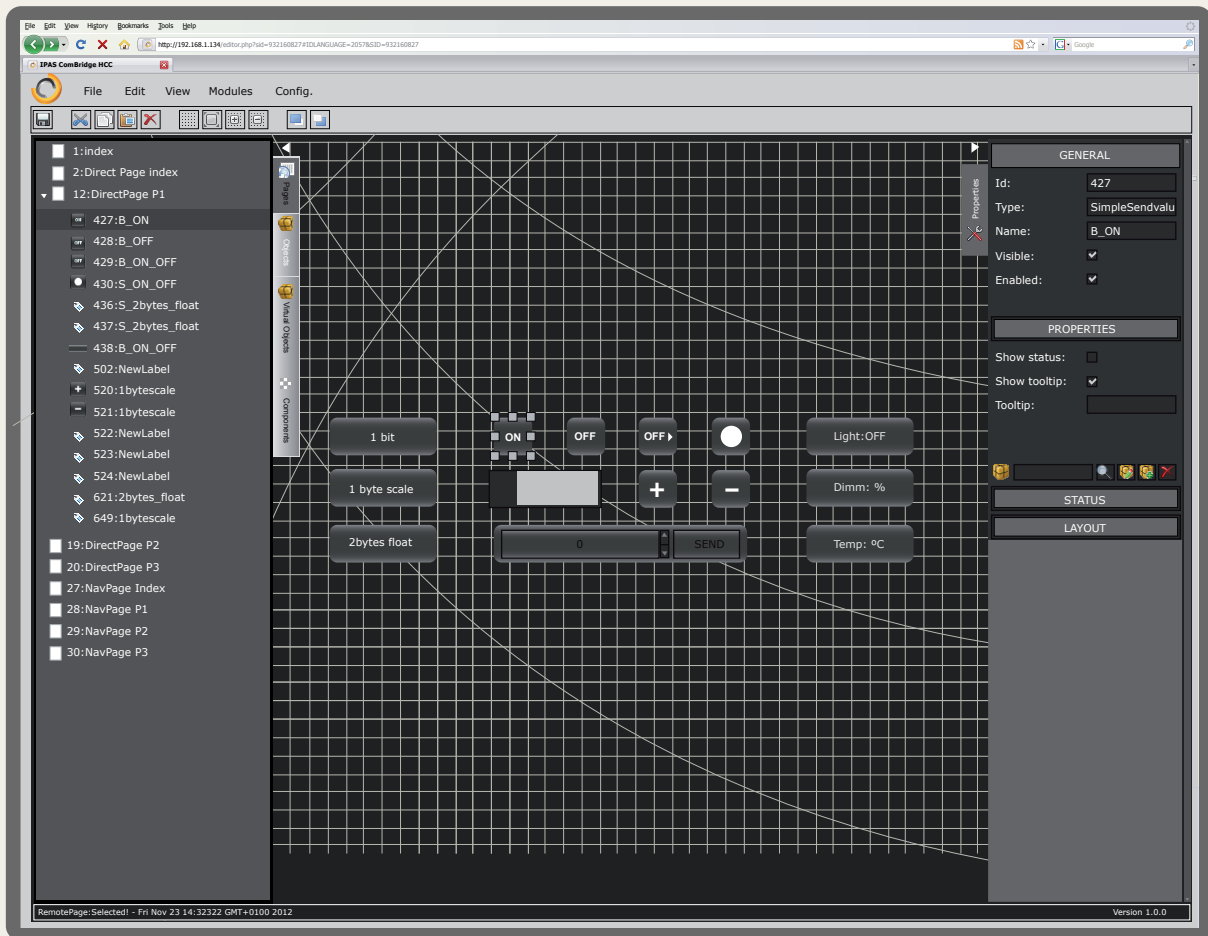
5 EDITOR CONFIGURATION

- The communication objects descriptions are updated from the ESF file group addresses text. (These names can be changed in the editor under the communication objects properties)



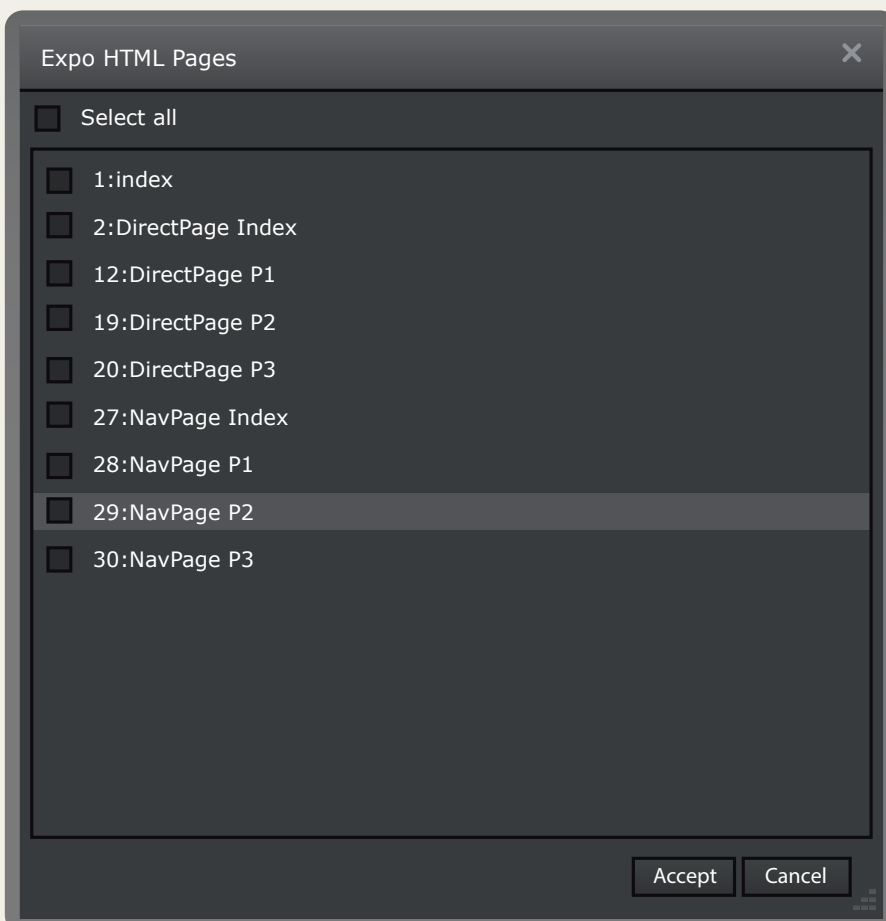
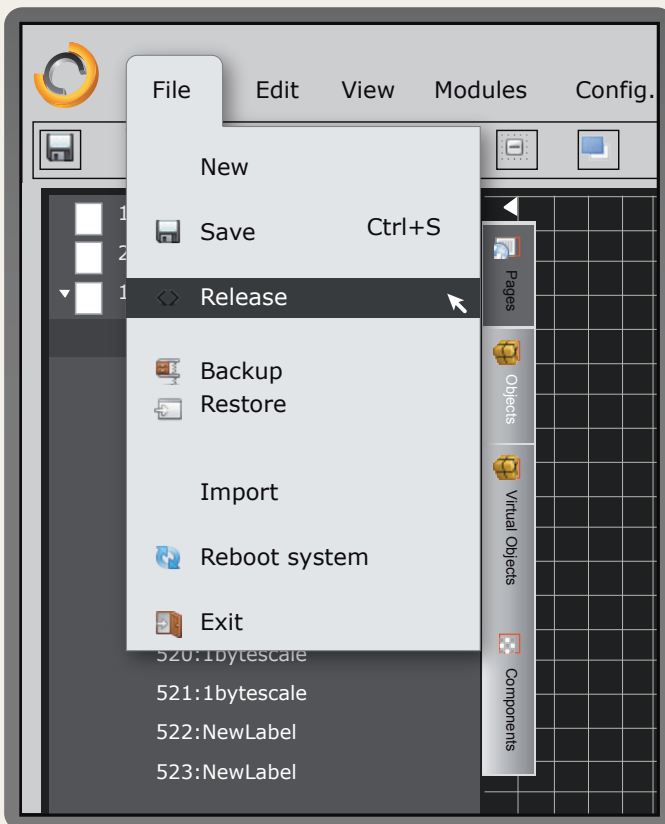
5 EDITOR CONFIGURATION

5.6 Link objects to the Components



5 EDITOR CONFIGURATION

● 5.7 Release visualization pages into HCC

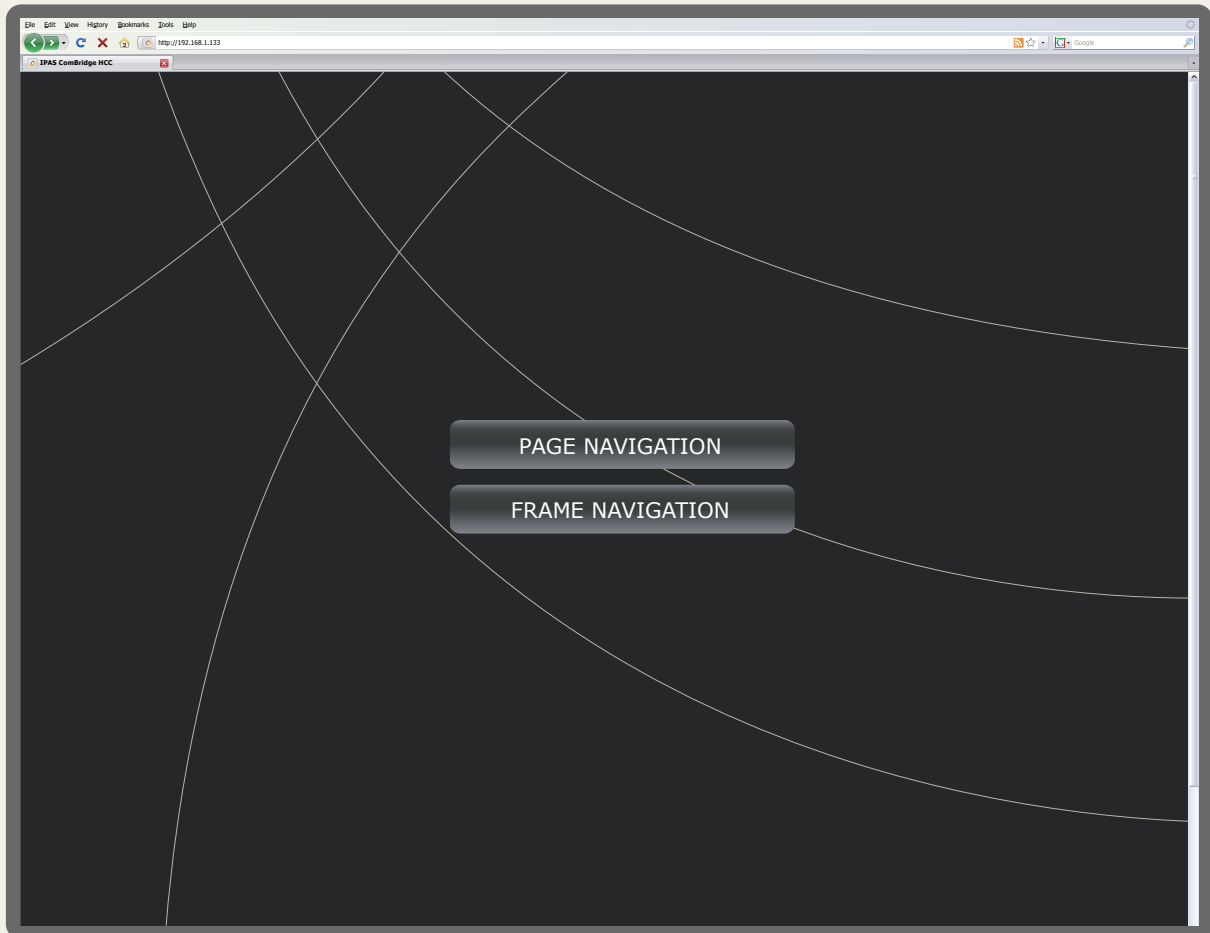


Select only the pages changed to release into HCC

5 EDITOR CONFIGURATION

5.8 Open the visualization

Open visualization page by introducing the IP <http://192.168.1.133>





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