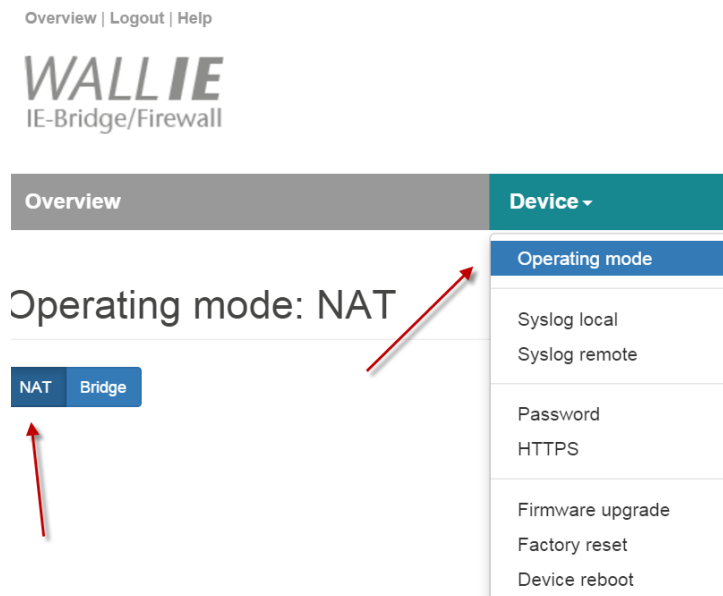
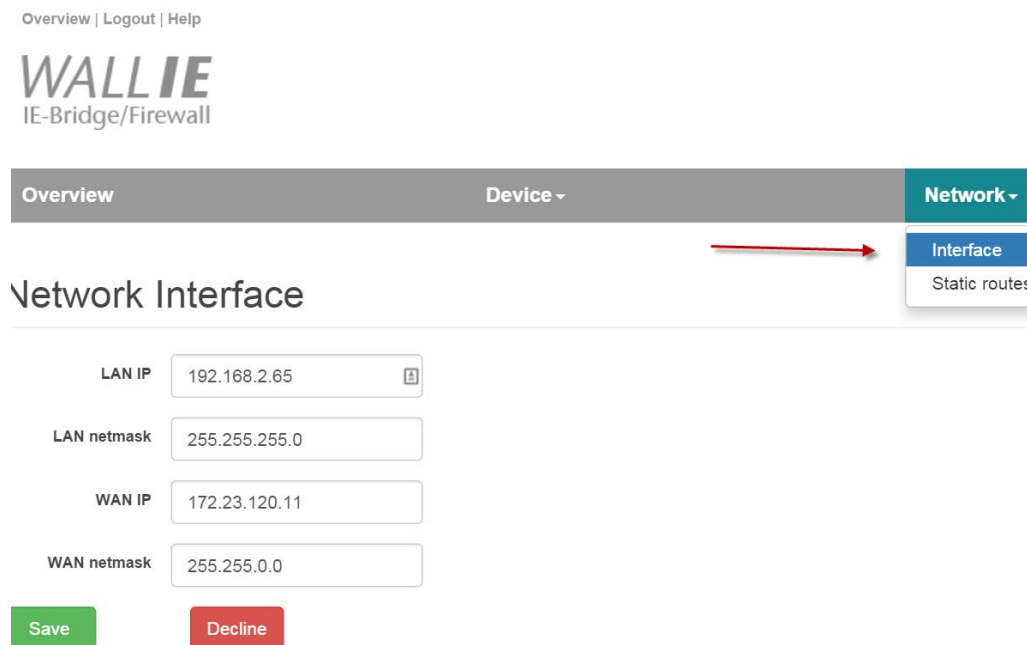


# How to setup the Helmholz WALL IE as a router to segment your machine network from the company network

1. Log into Wall IE via a web browser (Default address is 192.168.0.100 so the PC needs to be on same subnet)
2. Select Device, Operating Mode and be sure it is set to NAT



3. Set LAN address (and subnet mask) to something that can coexist with the devices you want to communicate to (ie. PLC, HMI, etc.) and the WAN address (and subnet mask) to the address allowed on the network you want to connect to. Currently a static IP address is all that is allowed.



- Now setup the devices you want to access that exist on the LAN side with “virtual” IP addresses that are available on the WAN side. These would need to be addresses that are available on the WAN as they will be the IP address you will connect to.

Overview | Logout | Help

**WALLIE**  
IE-Bridge/Firewall

**Helmholz**  
COMPATIBLE WITH YOU

Overview Device Network NAT Packet Filter

Basic NAT  
NAPT

## Basic NAT

#	External IP	Internal IP	Comment	Status	Action
0	172.23.120.50	192.168.2.10	1500		
1	172.23.120.51	192.168.2.50	camera		

External IP address Internal IP address Comment active +

- Any of the devices you wish to access that are on the LAN (PLCs, HMIs, Etc.) must have the LAN address of the Wall IE listed as the router/default gateway.

**IP protocol**

Set IP address in the project

IP address: 192 . 168 . 2 . 10

Subnet mask: 255 . 255 . 255 . 0

Use router

Router address: 192 . 168 . 2 . 65

IP address is set directly at the device

- That’s all there is to it!