



**GATEWAY IoT**  
**868 Mhz - 915 Mhz**

**SEACLOUD IoT**  
**868 Mhz - 915 Mhz**

## INSTALLATION MANUAL

**GATEWAY IoT 868 Mhz - 915 Mhz**

Configuration      Pag.2/4

**SEACLOUD IoT 868 Mhz - 915 Mhz**

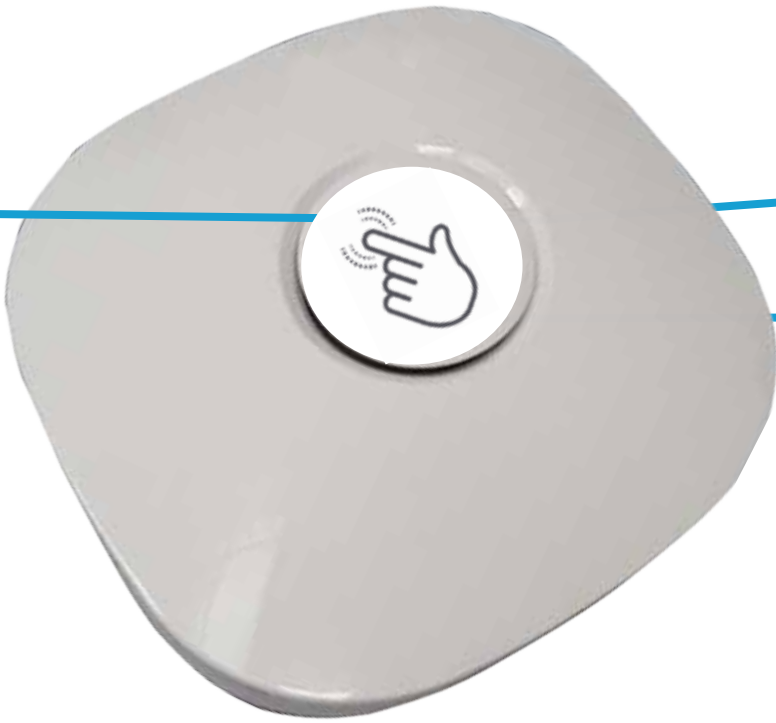
Connections      Pag.5

**PRELIMINARY**

67412037 Rev. 00- 03/2021

# GATEWAY IOT 868 Mhz - 915 Mhz

Push button  
for management




connection  
network cable


connection  
cable of supply


✓ **GREEN** led light  
command executed  
correctly

✗ **RED** led light  
command error  
NOT performed

**LED LIGHT SIGNAL**

 Orange

 White

 **OFF Line**

**ON Line**

## Wi-Fi configuration

1. Connect the router to the socket and wait that the light signal.
2. User your phone or PC, to find Wi-Fi network of Wi-Fi del SEA Cloud UNI IOT **SEA XXXXXX** ( SEA MAC ADDRESS of SEA Cloud UNI IOT device)
3. Enter into Wi-Fi of the device and insert the password **seacloud**
4. Click on the Wi-Fi you prefer
5. Open any browser, write the IP: **192.168.4.1** and press ENTER

**GATEWAY - 1.0.1**

SEA CLOUD

English

Login

username

password

Login

Enter the following default credentials  
and press ENTER  
(the password can be changed later):

Username: admin  
Password: admin

**GATEWAY - 1.0.1**

SSID OpenWrt

RSSI: 0

IP: 192.168.3.115

SEA CLOUD

English

Config wifi connection

Fixed IP Address

Admin

**GATEWAY - 1.0.1**

SSID OpenWrt

RSSI: 0

IP: 192.168.3.115

SEA CLOUD

English

WLAN config

SSID OpenWrt

IP 192.168.3.115

MAC: BC:DD:C2:C7:A2:0C

SoftAP config

SSID SEA\_BC:DD:C2:C7:A2:0D

IP 192.168.4.1

MAC: BC:DD:C2:C7:A2:0D

WLAN list (refresh if any missing)

SSID OpenWrt \* (-50)

SSID MikroTik-2GHz \* (-60)

SSID OpenWrt2 \* (-78)

SSID TIM-95288093\_2\_4G \* (-80)

Connect to network

OpenWrt

\*\*\*\*\*

Connect/Disconnect

Choose your Wi Fi network  
and enter the password

# STATIC IP CONFIGURATION

Enter your data

GATEWAY - 1.0.1

SSID OpenWrt

RSSI: -53

IP: 192.168.3.115

SEA  
CLOUD

English

Configure static IP

Ip Address

192

168

1

100

Netmask

255

255

255

0

Gateway

192

168

1

1

DNS

8

8

8

8

☒Static IP

Save IP Address

Home page

# CHANGE ADMINISTRATOR PASSWORD

Password di default : admin  
Change your password

GATEWAY - 1.0.1

SSID OpenWrt

RSSI: 0

IP: 192.168.3.115

SEA  
CLOUD

English

Password Admin

Device Update

LoRa configuration

Btn Gateway configuration

Reboot

Factory reset

Access Point: Change SSID - Password

TX management

Home page

GATEWAY - 1.0.1

SSID OpenWrt

RSSI: -52

IP: 192.168.3.115

SEA  
CLOUD

English

Change admin password

Password

Password

Update

Admin page

# DEVICE UPDATE

GATEWAY - 1.0.1

SSID OpenWrt

RSSI: -54

IP: 192.168.3.115

English

▼

Device Update

Scegli file

Nessun file selezionato

gateway\_1-0-1

Update

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Admin page

# REBOOT

Reboot your device

GATEWAY - 1.0.1

SSID OpenWrt

RSSI: 0

IP: 192.168.3.115

English

▼

Reboot

Admin page

# CHANGE SSID - PASSWORD

GATEWAY - 1.0.1

SSID OpenWrt

RSSI: -52

IP: 192.168.3.115

English

▼

Access Point: Change SSID - Password

SEA\_CB:FF:C2:C7:A2:0D

Password: min 8 char

Password: min 8 char

Update

Admin page



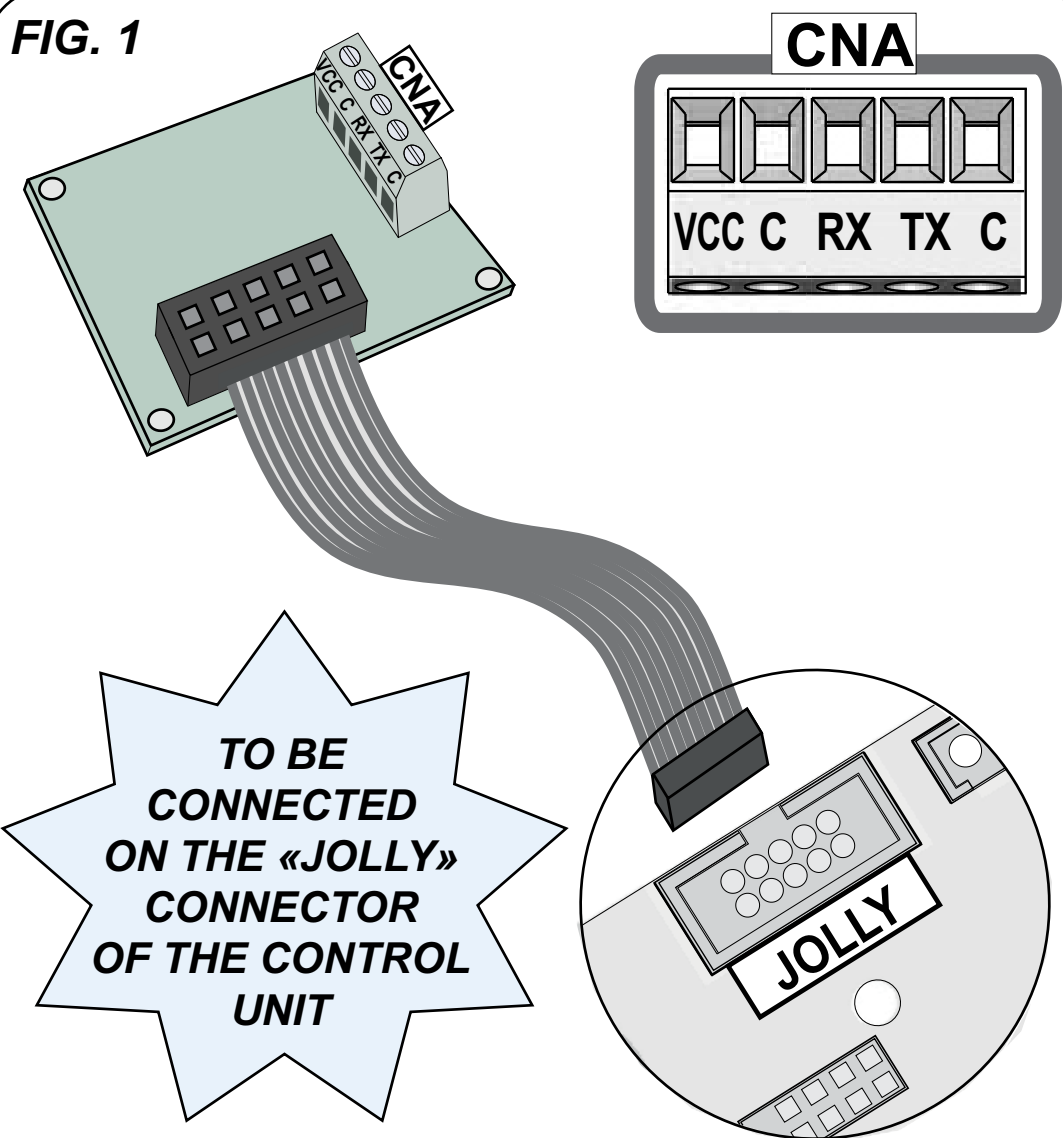
# CONNECTIONS

## SEA CLOUD UNI IOT

The SEACLOUD IoT device is already PRECONFIGURED, therefore it is necessary only connect the connection wires to the electronic control unit



### JOLLY/SEA-CLOUD ADAPTER MODULE FOR CONNECTION ON CONTROL UNIT



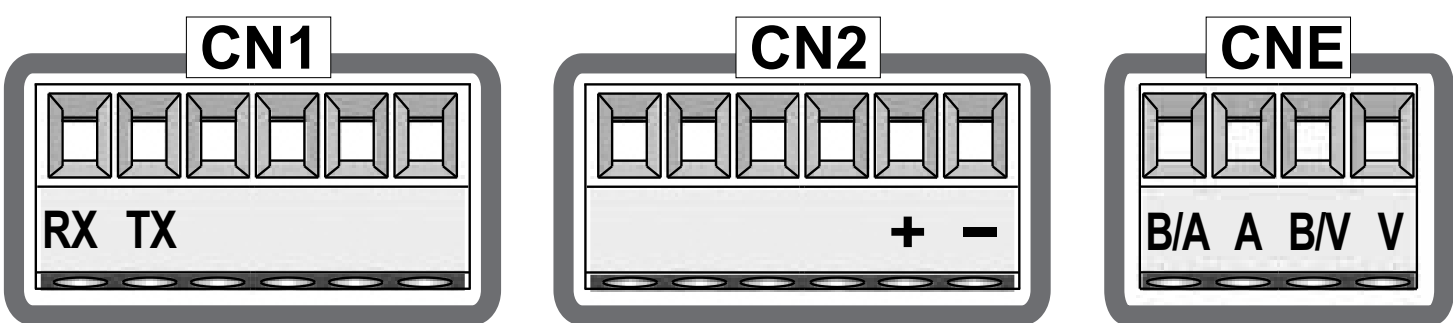
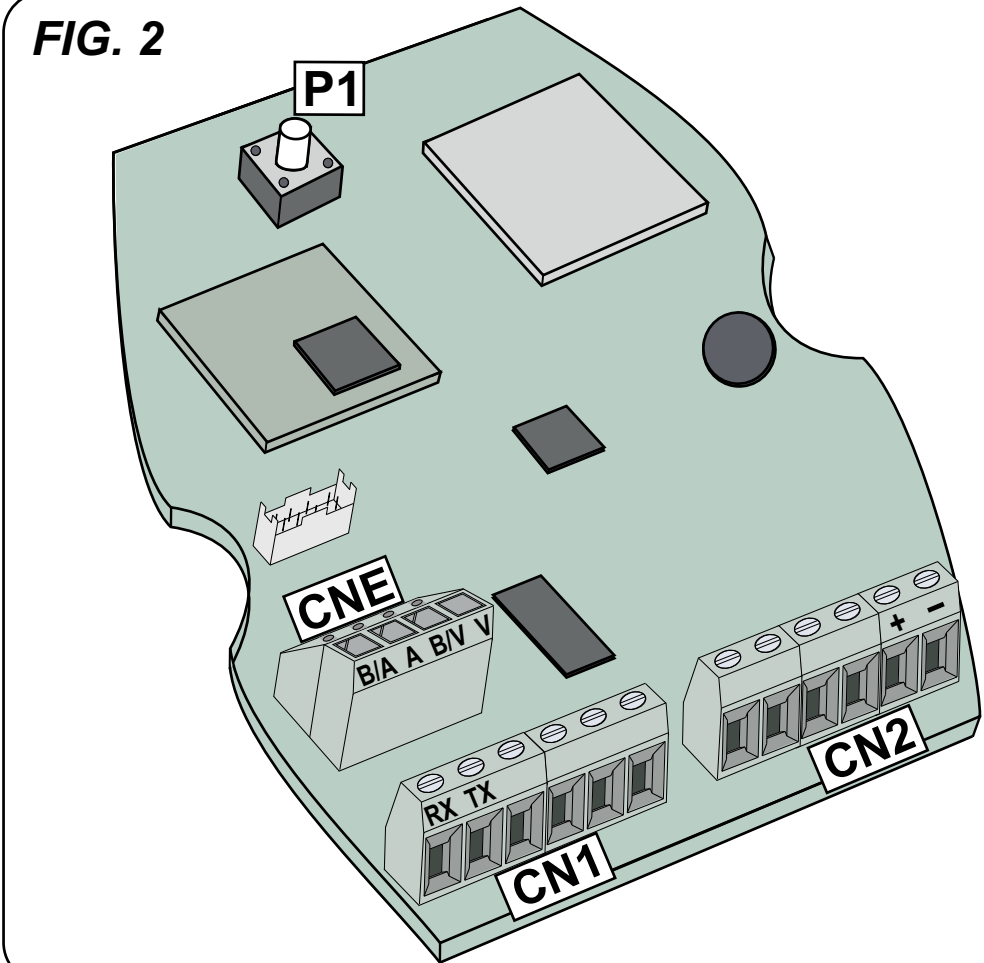
VCC = (+) POSITIVE POWER SUPPLY (from 12V to 28V...)  
C = (–) NEGATIVE POWER SUPPLY  
TX = TX SERIAL CONNECTION  
RX = RX SERIAL CONNECTION

**NOTE 1:** CONNECT VCC (+) and C (–) TO THE RESPECTIVE POSITIVE AND NEGATIVE CONNECTORS ON THE SEA CLOUD UNI IOT MODULE ONLY IF THE CONTROL UNIT IS POWERED BY A STABILIZED SWITCHING POWER SUPPLY, WITH A VOLTAGE LOWER THAN 28V... (UNIGATE series or USER 2 ALL IN SW) - see FIG. 3

**NOTE 2:** IF OTHER CONTROL UNIT MODELS ARE IN USE, THEN USE AN EXTERNAL STABILIZED POWER SUPPLY WITH VOLTAGE BETWEEN 12V and 28V... (1A) - see FIG. 4

**NOTE 3:** CONNECT THE RX and TX ON CNA OF THE ADAPTER MODULE TO THE RX and TX ON CN1 OF THE SEA-CLOUD UNI IOT MODULE - see FIG. 3 and FIG. 4

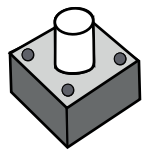
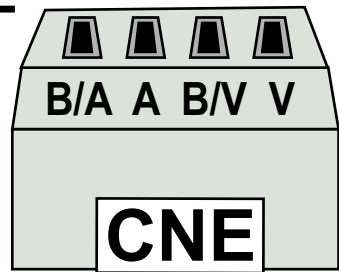
### SEA-CLOUD UNI IOT MODULE TO BE CONNECTED TO THE ADAPTER MODULE



TX = TX SERIAL CONNECTION  
RX = RX SERIAL CONNECTION  
+ = POSITIVE POWER SUPPLY (from 12V to 28V...)  
– = NEGATIVE POWER SUPPLY

#### ETHERNET CABLES CONNECTION ON CNE

B/A = WHITE/ORANGE  
A = ORANGE  
B/V = WHITE/GREEN  
V = GREEN

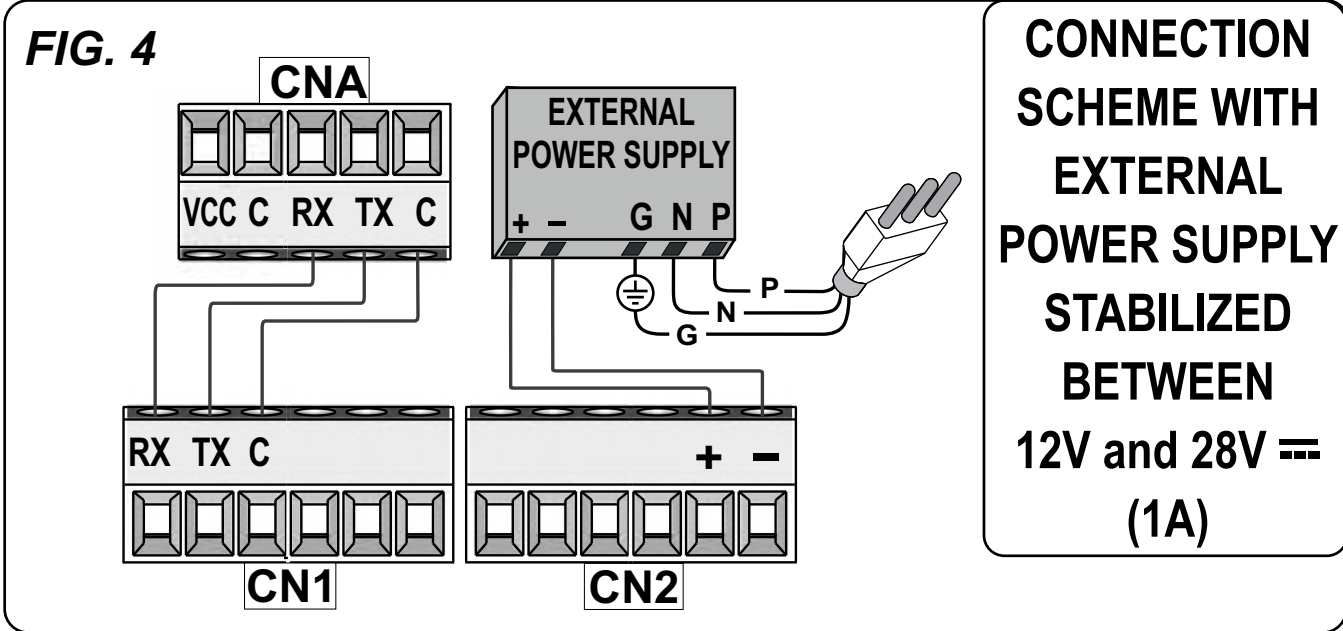
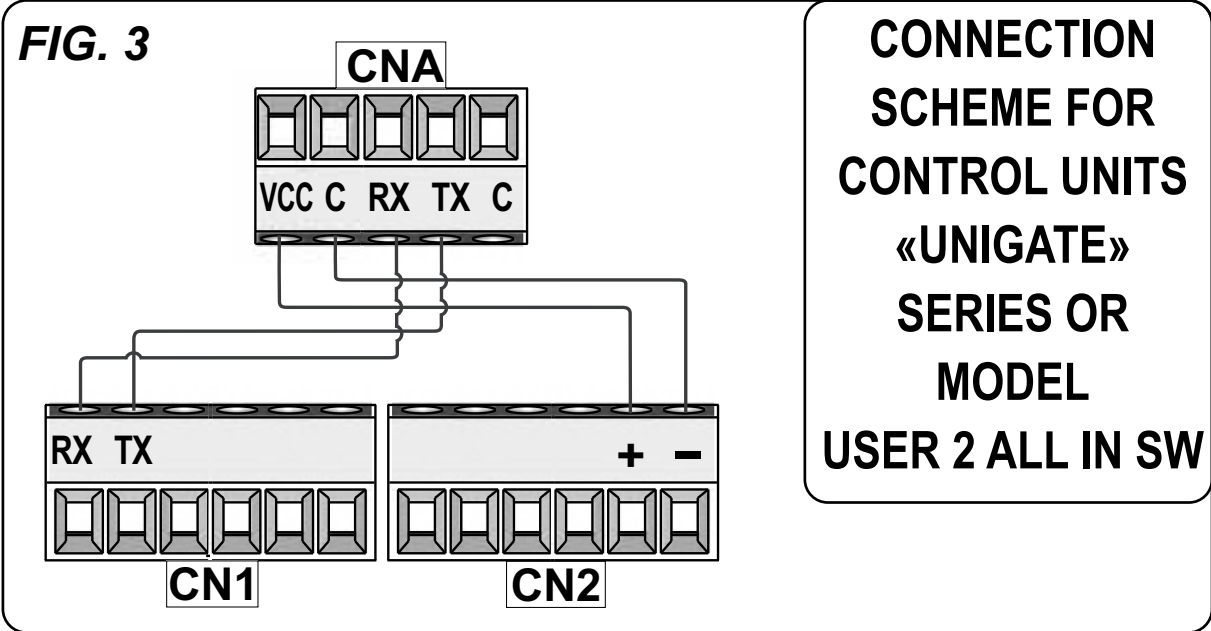


**P1**

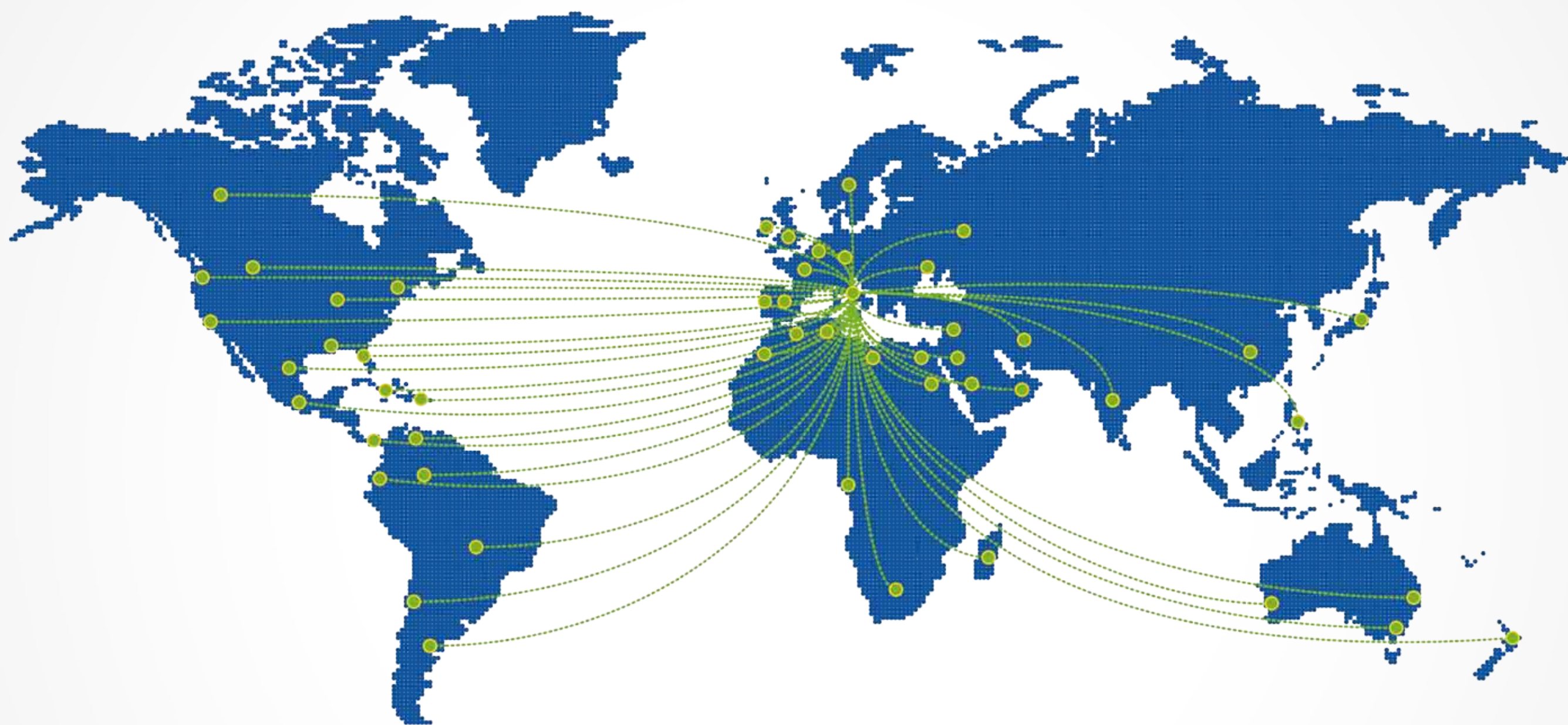
REBOOT: HOLD PRESSED FOR 7 SECONDS

RESET (FACTORY DEFAULT): HOLD PRESSED FOR 12 SECONDS

### EXAMPLES OF CONNECTION







#### HEADQUARTER

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