

# *Plantgate...*

*Your system in your pocket, anywhere!*



**CLIMASET s.r.l.**

*HVACR solutions for Regulation – Supervision – Air Humidification*

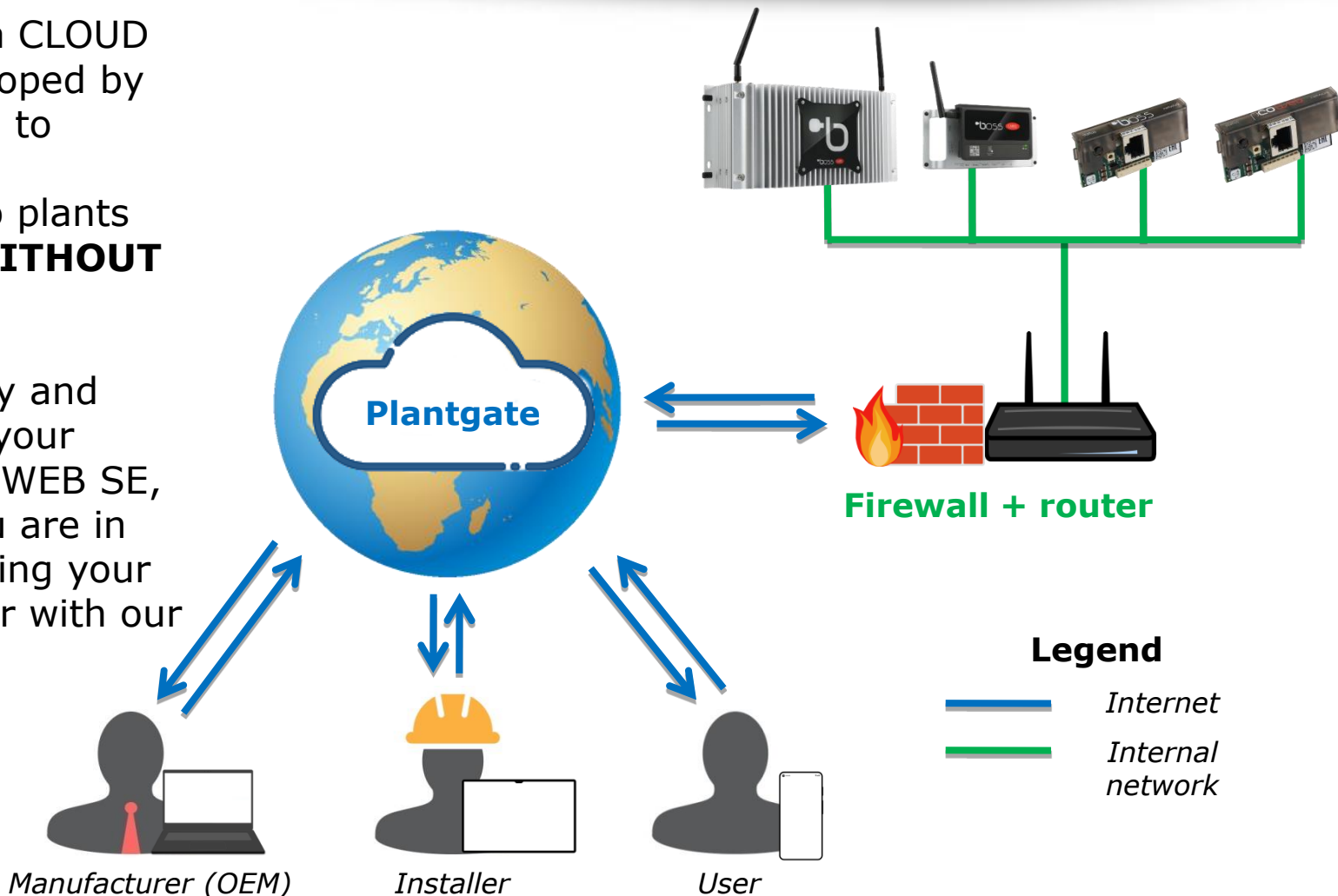
*Via Germania, 12, 35127 Padua (PD) – Italy*  
**Tel: +39 049 718800 Fax: +39 049 8969245**  
**Web: <https://www.climaset.it/en> Email: [info@climaset.it](mailto:info@climaset.it)**

# Plantgate...

## How does it work?

Plantgate is a CLOUD service developed by CLIMASET srl to allow remote connection to plants **WITH OR WITHOUT** a static IP.

You can easily and safely reach your BOSS or pCOWEB SE, wherever you are in the world, using your **BROWSER** or with our **APP**.



# Plantgate...

Compatible devices on the field

## Webserver

## Supervisors



**pCOWEB SE**

**BOSS one**



**BOSS micro**



**BOSS mini**



**BOSS**

## For a single board

## For multiple boards



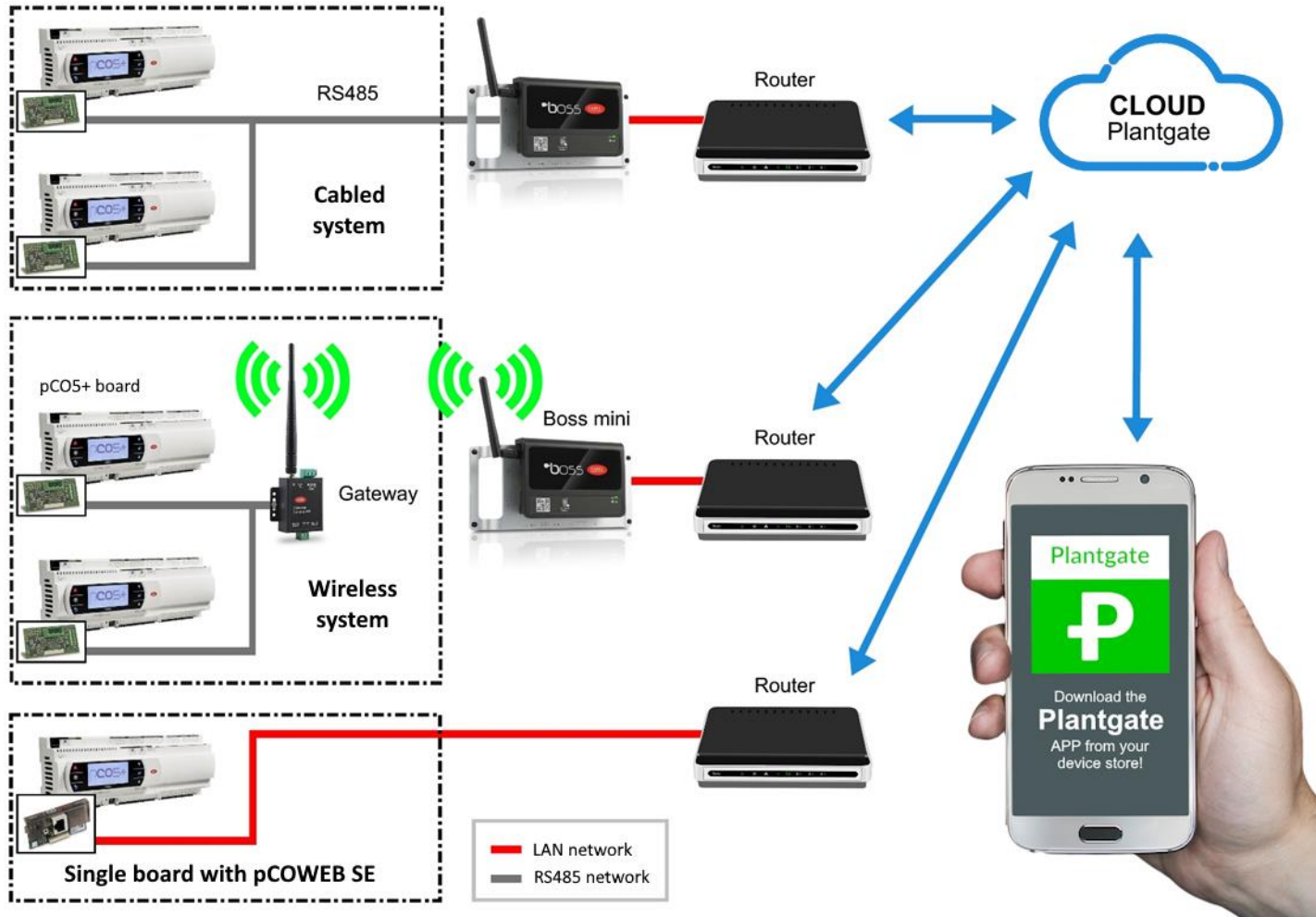
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# Plantgate...

## Connection examples





# *Plantgate...*

*Also for Carel UEX, UEW, UR humidifiers*



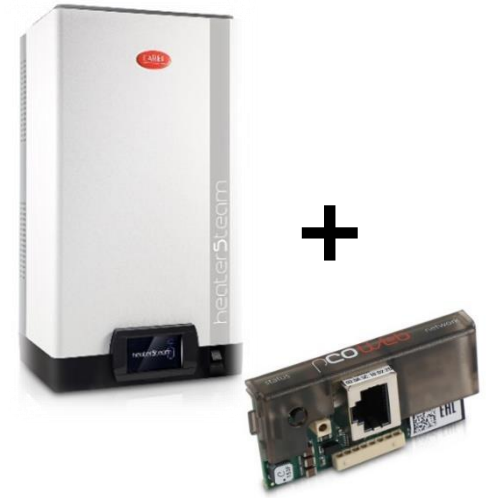
***UEW series  
steam generator***



***UEX series  
electrode humidifier***



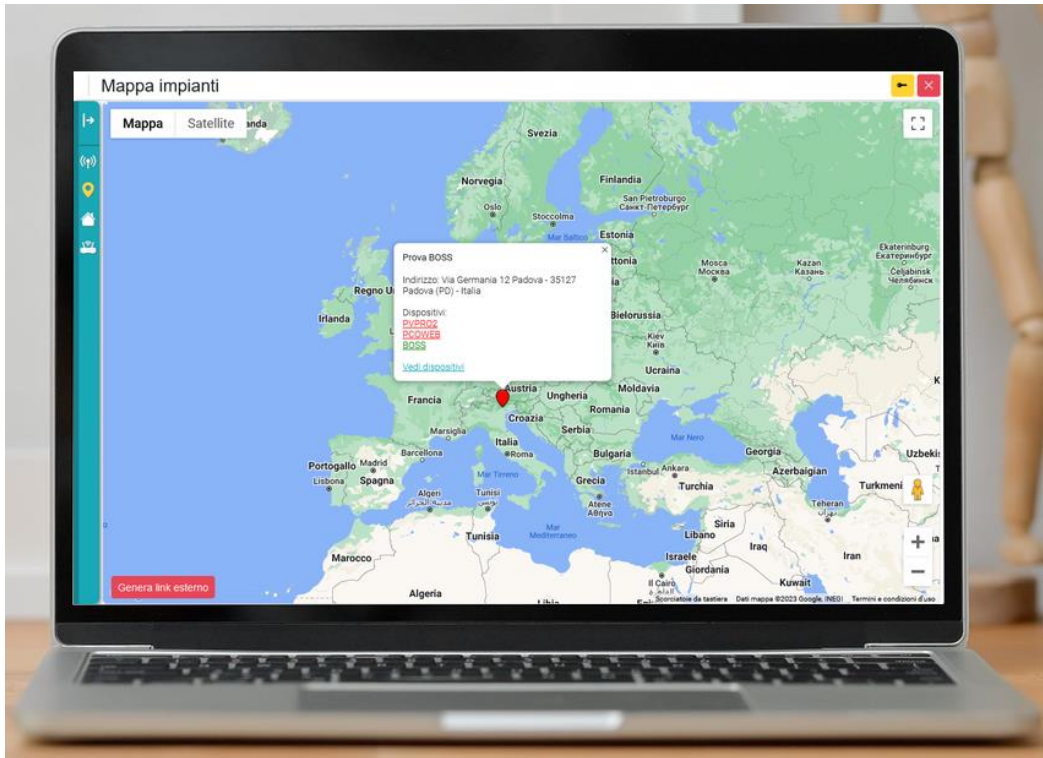
***UR series  
resistance humidifier***



# Plantgate...






## Geolocation with a color map

### Map



### Semplicity

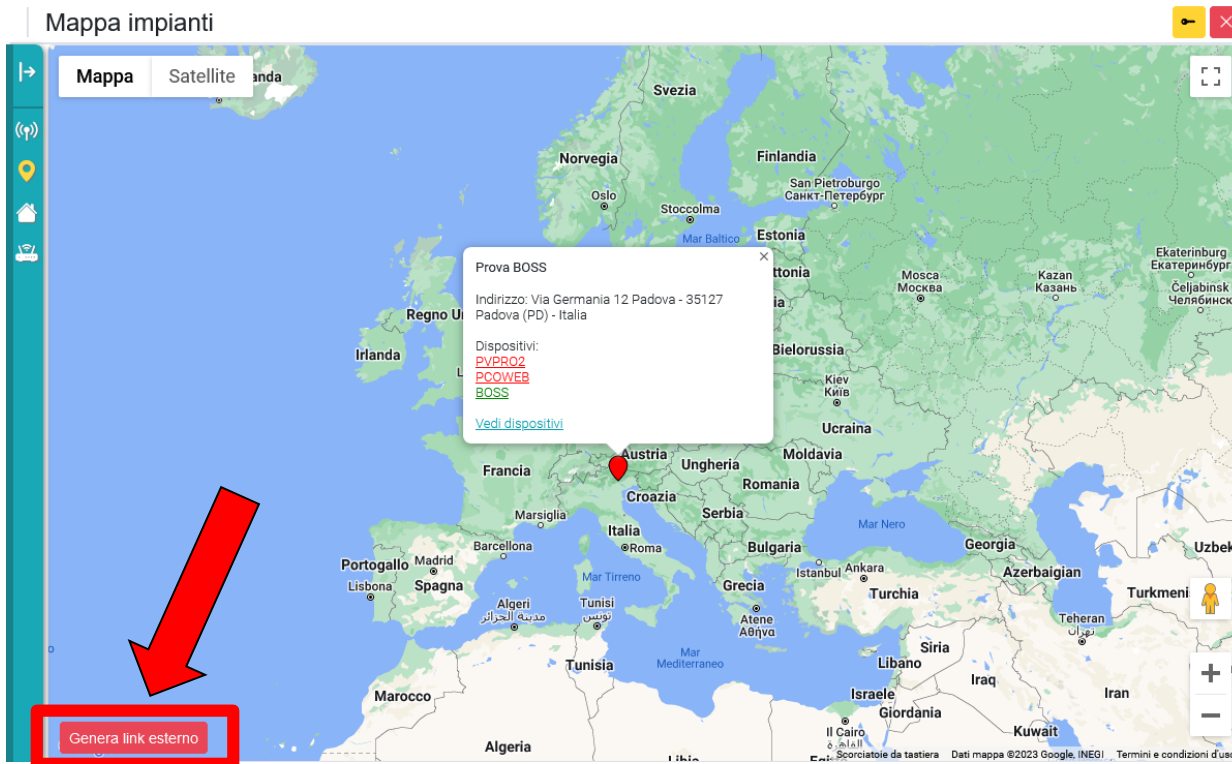
Each system is geolocated with an icon that shows its **position** and **status**:

-  **BLACK**: no configured device.
-  **GREY**: device not monitored.
-  **RED**: device not reachable.
-  **YELLOW**: device with alarm notifications.
-  **GREEN**: device OK.

# Plantgate...

## Easy remote assistance

It is possible to **see the map and the system's status without logging in** to the Plantgate each time!



All you have to do is to go the Map page, press the lower left red button and copy the **new external link** that will appear:

Nuovo link esterno alla mappa

https:// [redacted]

OK

The generated link will be until a new one will be generated.

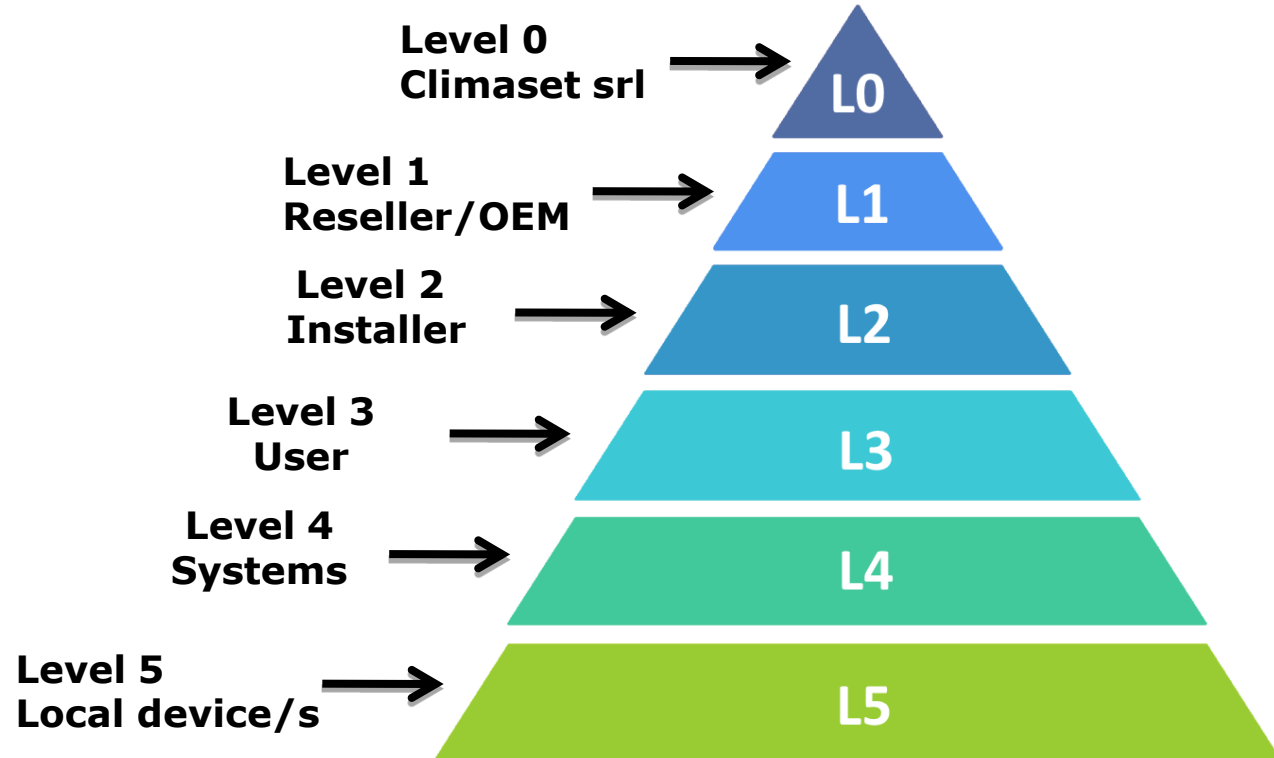
*Please note: for security reason we advise against publicly share the generated link.*

# Plantgate...

## The pyramidal structure

### Plantgate has a pyramidal structure

- A) Hierarchically higher levels can access all lower levels systems.
- B) Each user can interact and read and/or write regulation parameters of his/her system.
- C) Personalization: for levels 1, 2 and 3 there is the possibility to have s custom URL and logo.





# Plantgate...

## Devices list

Elenco dispositivi

Nome	Tipo	Indirizzo IP	Indirizzo MAC	Porta	Impianto
		192.168.			

This page shows your **devices** configured to work with the Plantgate.

Rows change colors according with the **status** of the device.

More or less informations are displayed based on the user profile type.

Elenco dispositivi

Nome	Tipo	Indirizzo IP	Indirizzo MAC	Porta	Rivenditore	Installatore	Cliente	Impianto	Creato il
		192.168.							
		192.168.							
		192.168.							
		192.168.							
		192.168.							
		192.168.							

Row color

Meaning

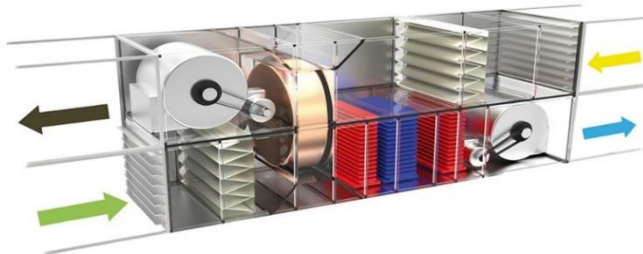
Grey	Not monitored
Red	Offline
Yellow	Alarmed
Green	OK

# Plantgate...

Also for retrofitting

## Retrofit

Plantgate is an optimal choice for supervising **already installed** and currently working **systems**.



# Plantgate...

## The Plantgate APP is now available!

With the new Plantgate APP you can use your **smartphone** or **tablet** for connecting to your system, anywhere in the world!

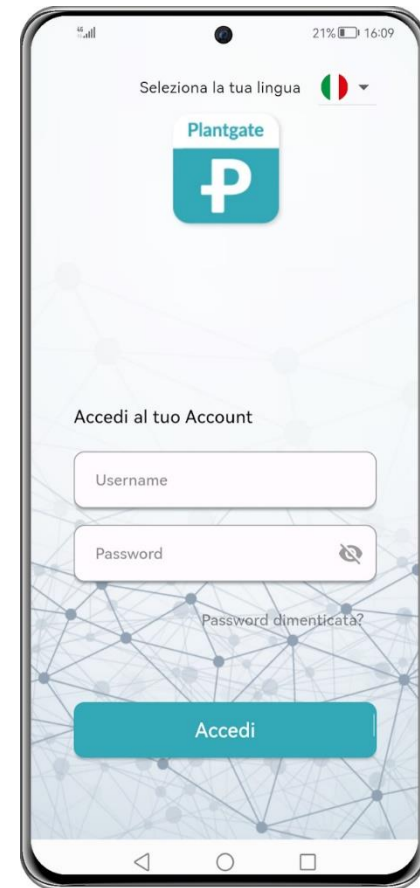
**Download now** the APP from your device's store:



**Google Play**



**App Store**



# Plantgate...

## Available also with VPN connection

In many places the cabled internet network may not be available or may be subjected to limitations for security reasons. To overcome these problems, it is possible to **connect your devices to the Plantgate** through the **VPN**, an encrypted tunnel between your system's devices and the Plantgate cloud.

Main advantages:

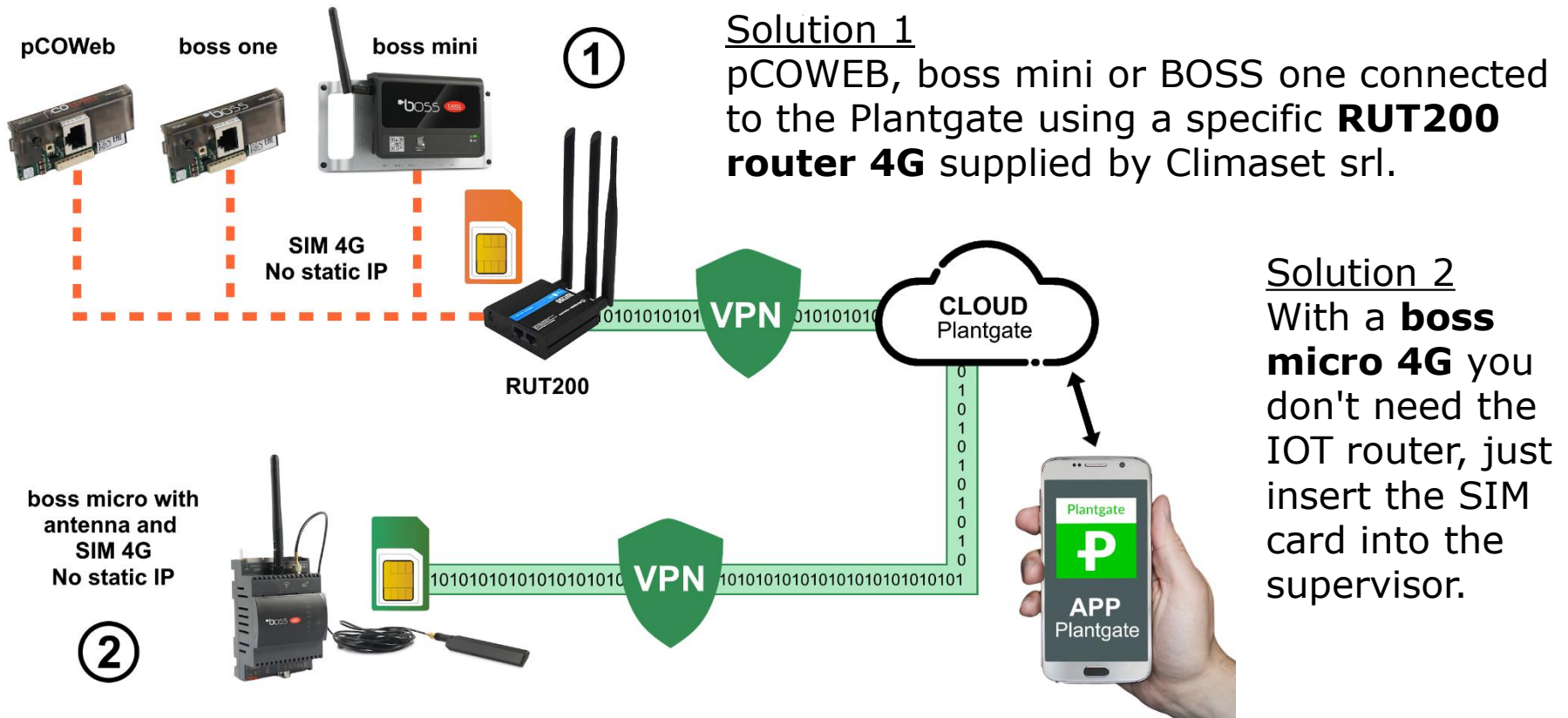
- Increased system **security** thanks to the cryptography provided by the VPN,
- If the cabled network is not available, you could use a **4G data connection** using a SIM card.





# Plantgate... VPN and connection with SIM 4G

Here there are two solutions for connection to the Plantgate using the **4G data network**: both cases use a **SIM card without static IP** for connecting to the Plantgate servers through the VPN.

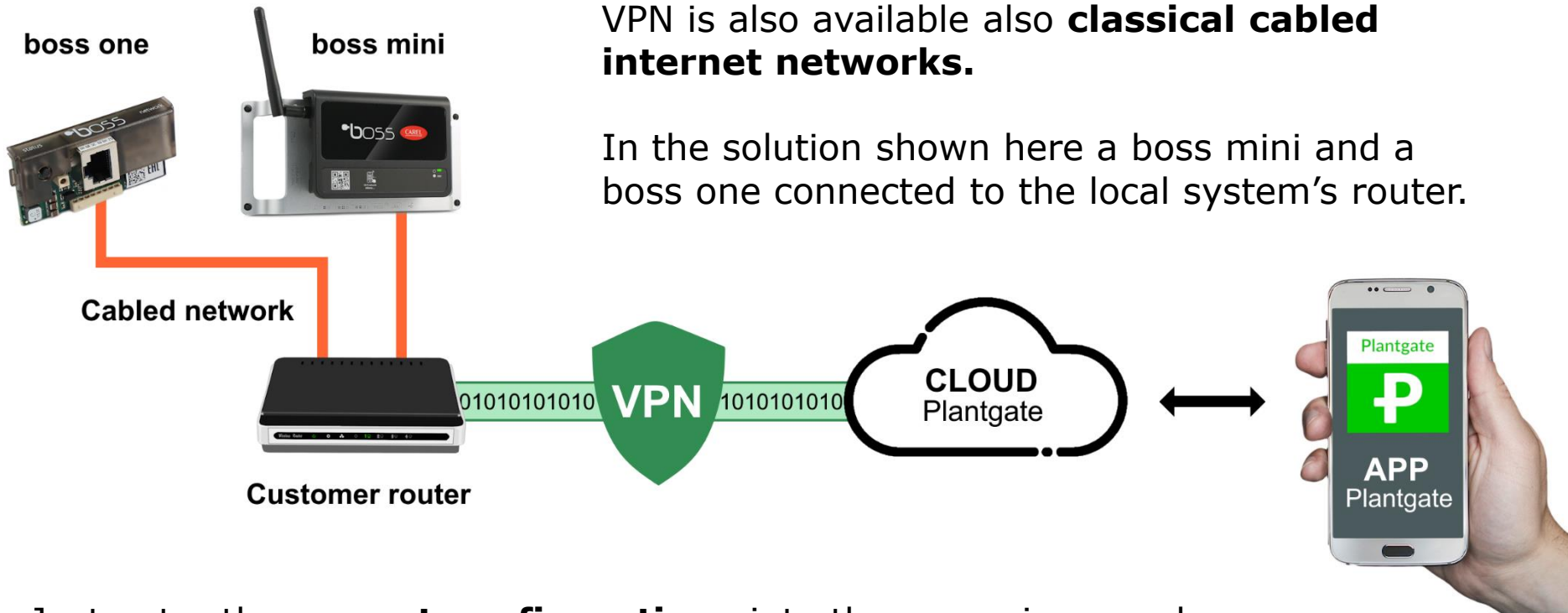


# Plantgate...

## VPN and connection with cabled network

The connection to the Plantgate through the VPN is also available also **classical cabled internet networks**.

In the solution shown here a boss mini and a boss one connected to the local system's router.



Just enter the **correct configurations** into the supervisors and you are ready to connect to the Plantgate through the VPN!

**Plantgate...**  
**For any questions, contact us!**



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*Plantgate VPN presentation rev.04 ENG 11 April 2024*

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