

Plantgate...

Your system in your pocket, anywhere!

Plantgate

Remote supervision for your system,
anywhere in the world.



CLIMASET s.r.l.

HVACR solutions for Regulation – Supervision – Air Humidification

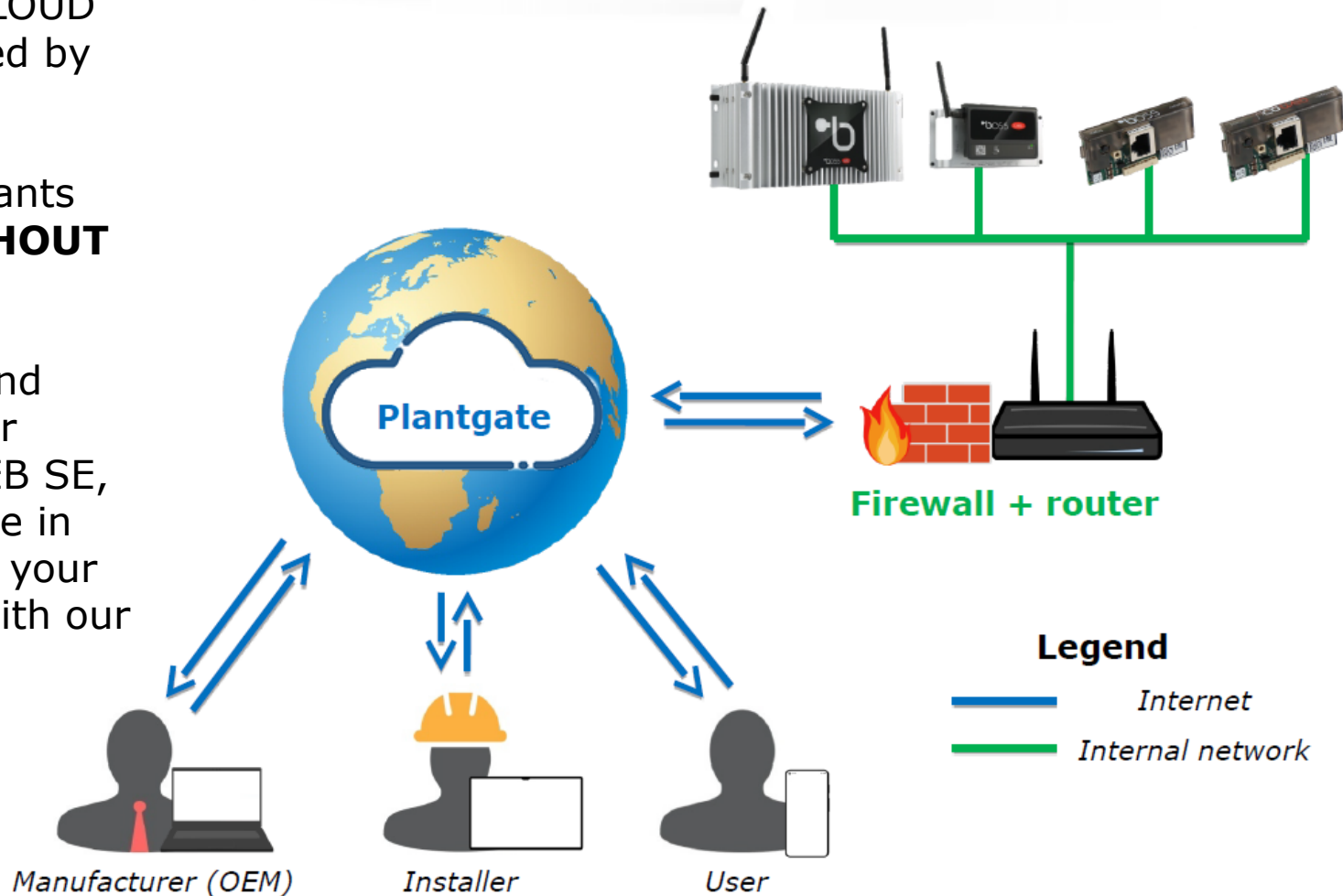
Via Germania, 12, 35127 Padua (PD) – Italy
Tel: **+39 049 718800** Fax: **+39 049 8969245**
Web: <https://www.climaset.it/en> Email: info@climaset.it

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



pCOWEB SE



BOSS one

Supervisors



BOSS micro



BOSS mini



BOSS

Single device (one device only)



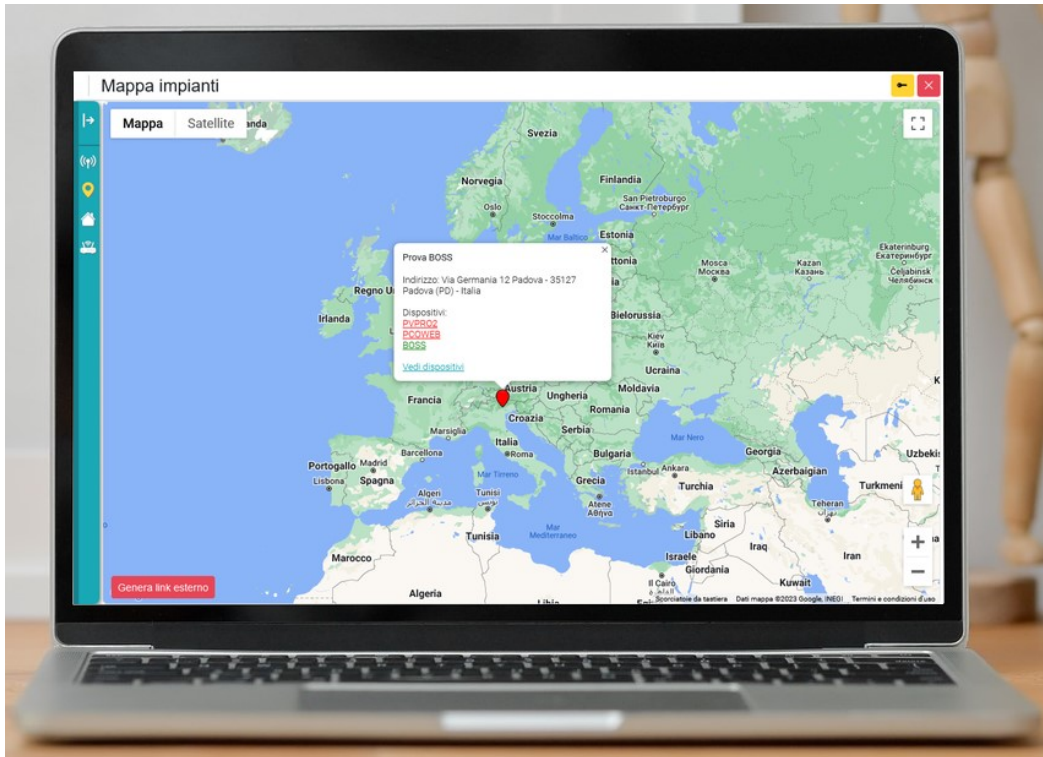
Multiple devices (serial line)



Plantgate...

Geolocation with a color map

Map



Semplicity

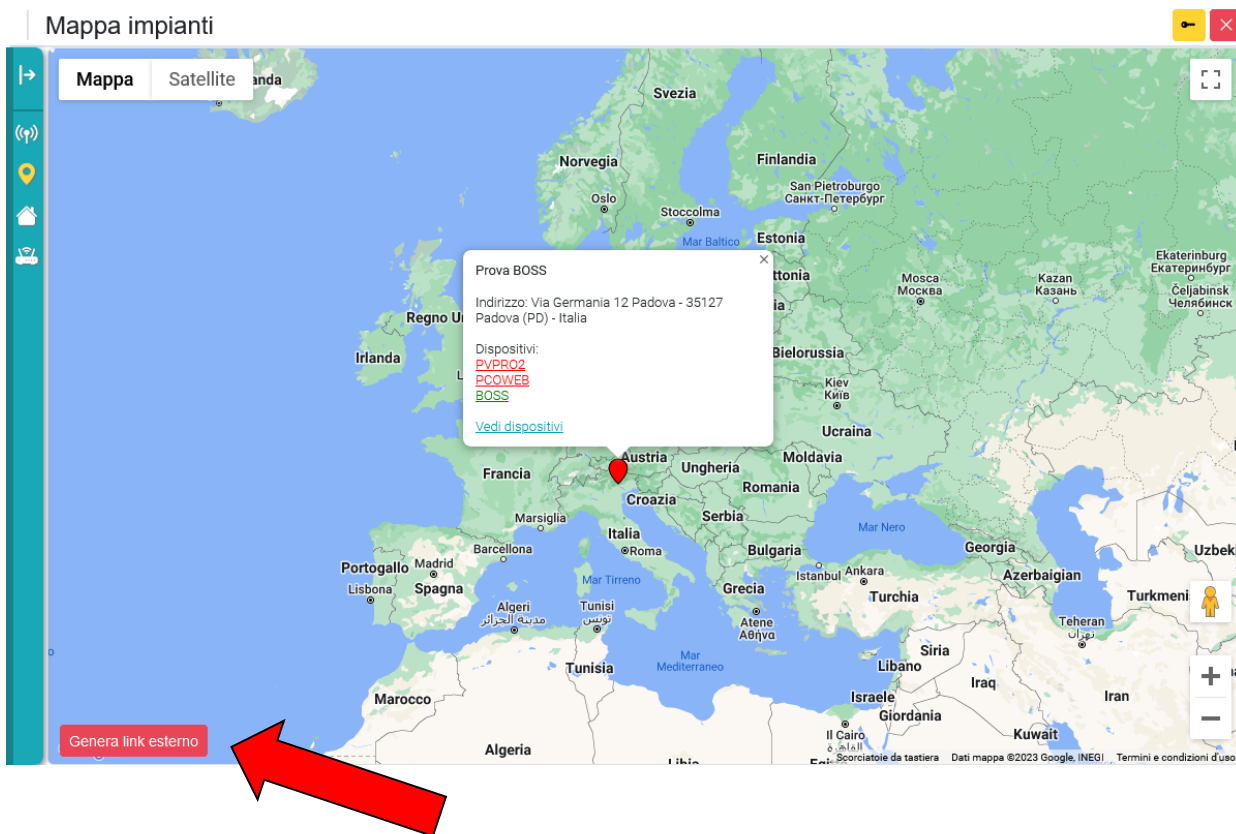
Each system is geolocated with an icon that shows its **position** and **status**:

-  **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://

OK

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

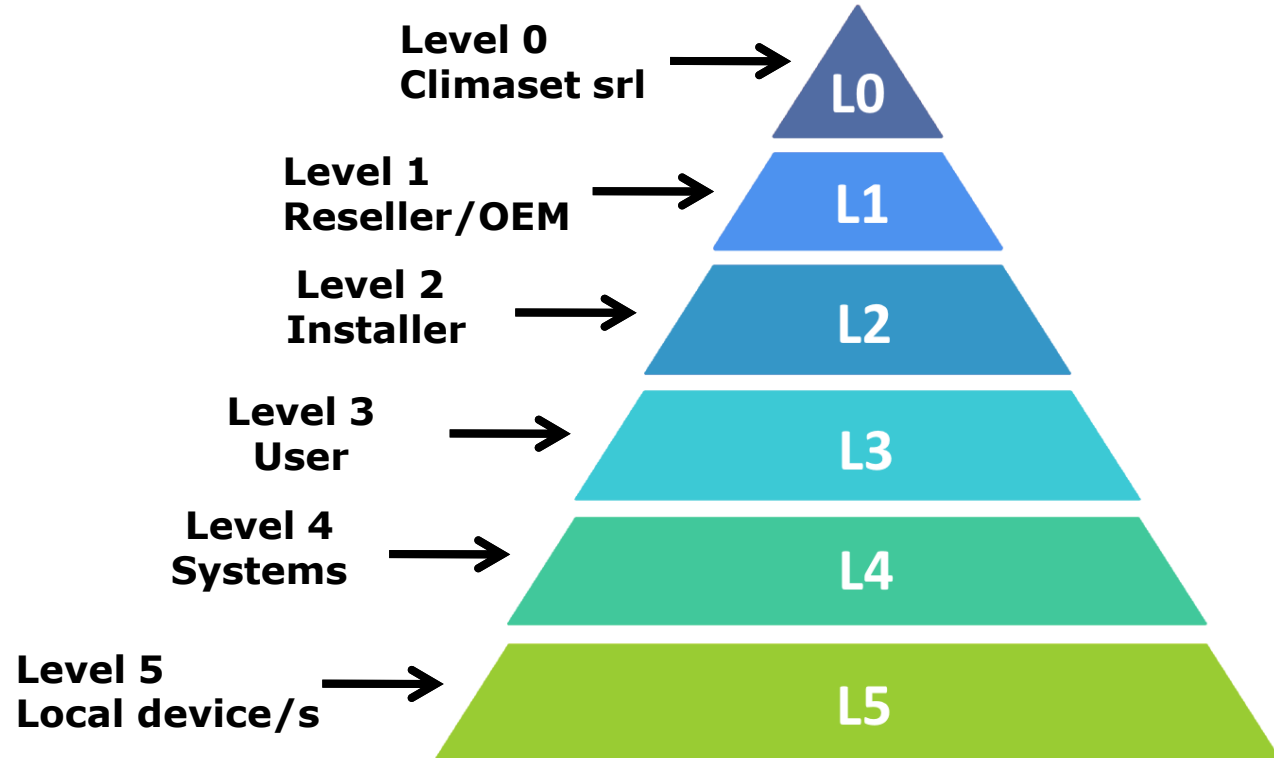
Please note: for security reason we advise against publicly share the generated link.

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 a 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.

Row color	Meaning
Grey	Not monitored
Red	Offline
Yellow	Alarmed
Green	OK

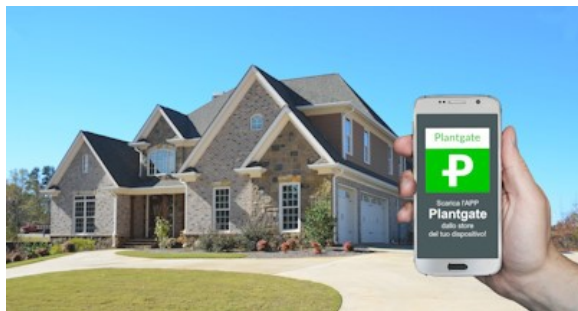
Elenco dispositivi

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.							
		192.168.							

Plantgate...

Applications and retrofitting

Plantgate is an optimal choice for supervising **already installed** and currently working **systems**, such as:



Residential systems



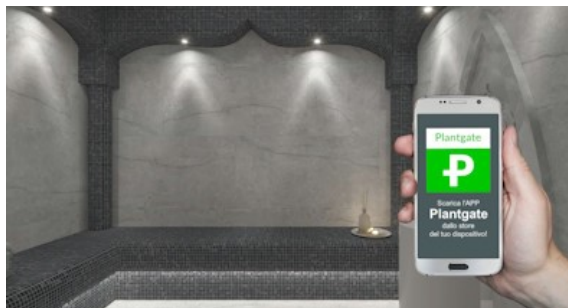
CAREL humidifiers



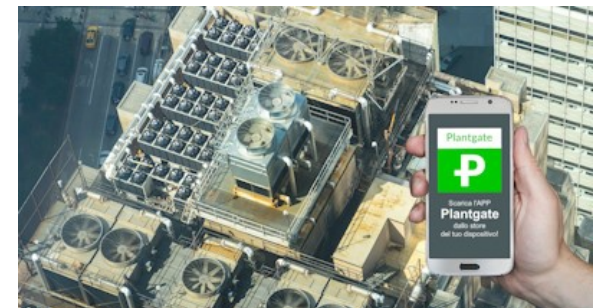
Oenology systems



Heating/cooling systems



Wellness solutions



Chillers, rooftops, etc.

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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!

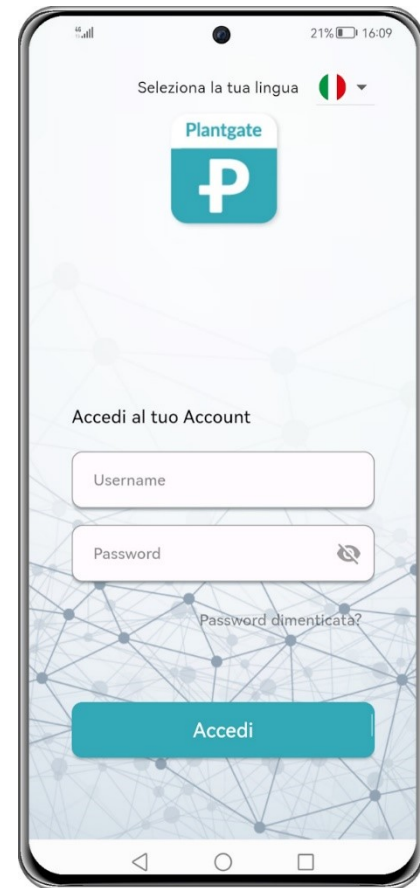
Download now the APP from your device's store:



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.



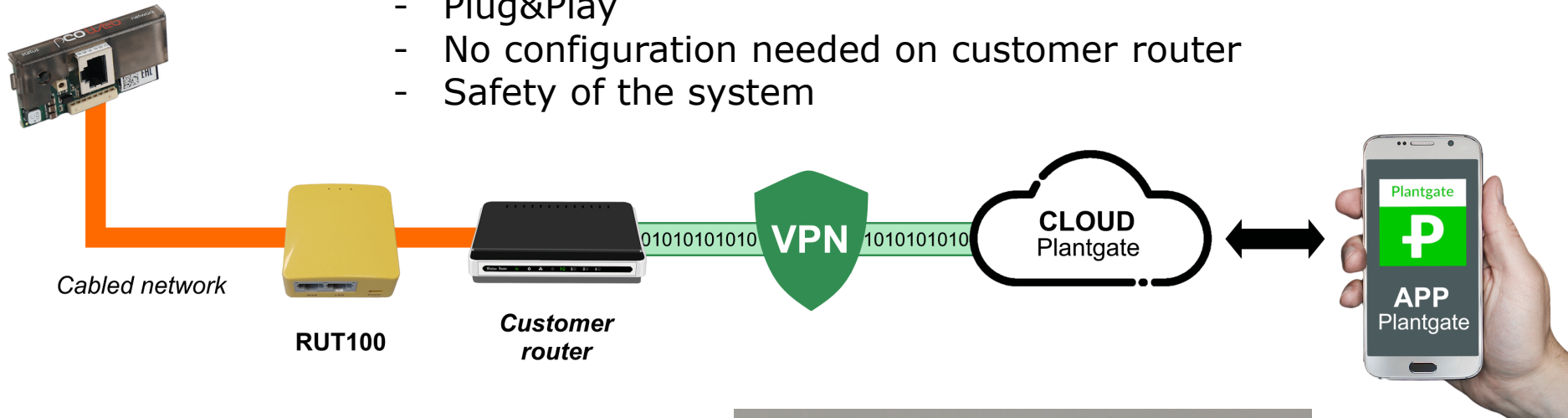
Plantgate...

Single pCO boards Plug&Play connection with VPN

pCOWEB SE
CAREL

Main advantages with **RUT100 router**:

- Plug&Play
- No configuration needed on customer router
- Safety of the system



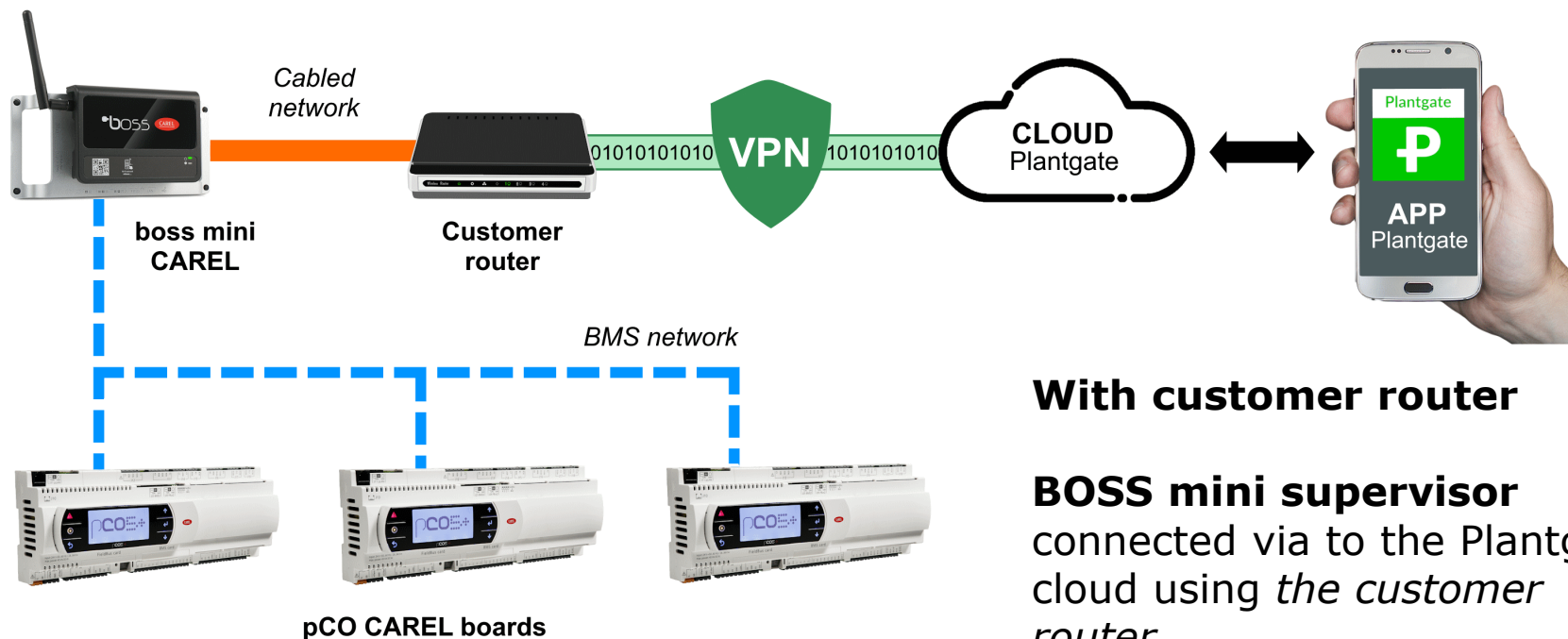
Single pCO board system

pCOWeb board connected to a RUT100 (see photo on the right for the full kit).



Plantgate...

Multiple pCO boards Plug&Play connection with VPN



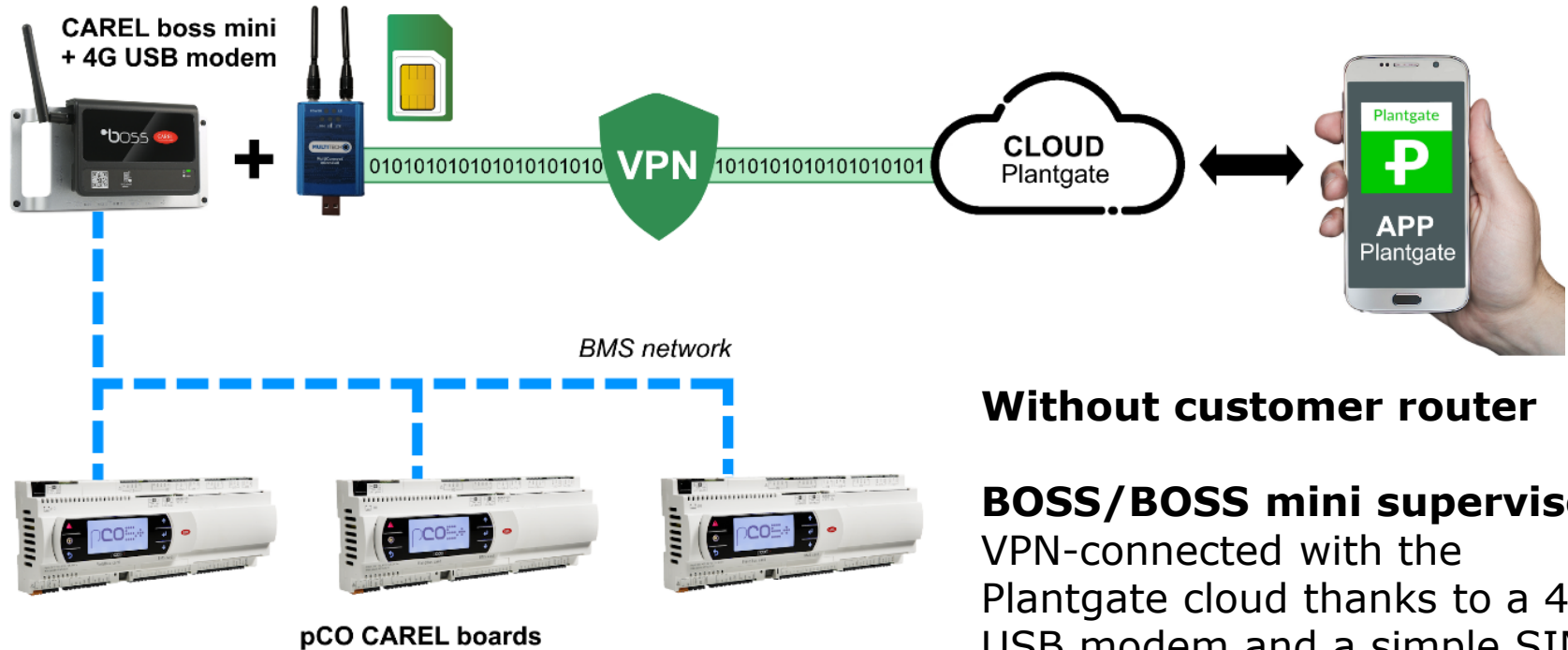
With customer router

BOSS mini supervisor connected via to the Plantgate cloud using *the customer router*.

**What if there is no internet connection available,
or if the internet connection is limited for security reasons?**

Multiple pCO boards Plug&Play connection with VPN

Multiple pCO boards Plug&Play connection with VPN



Without customer router

BOSS/BOSS mini supervisor
VPN-connected with the
Plantgate cloud thanks to a 4G
USB modem and a simple SIM
card (not provided).

By using a 4G connection, the user can open the **Plantgate APP** and manage its system **from any part of the world!**

Plantgate...
For any questions, contact us!



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