

# ***Plantgate...***

***Your system in your pocket, anywhere!***



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*HVACR solutions for Regulation – Supervision – Air Humidification*

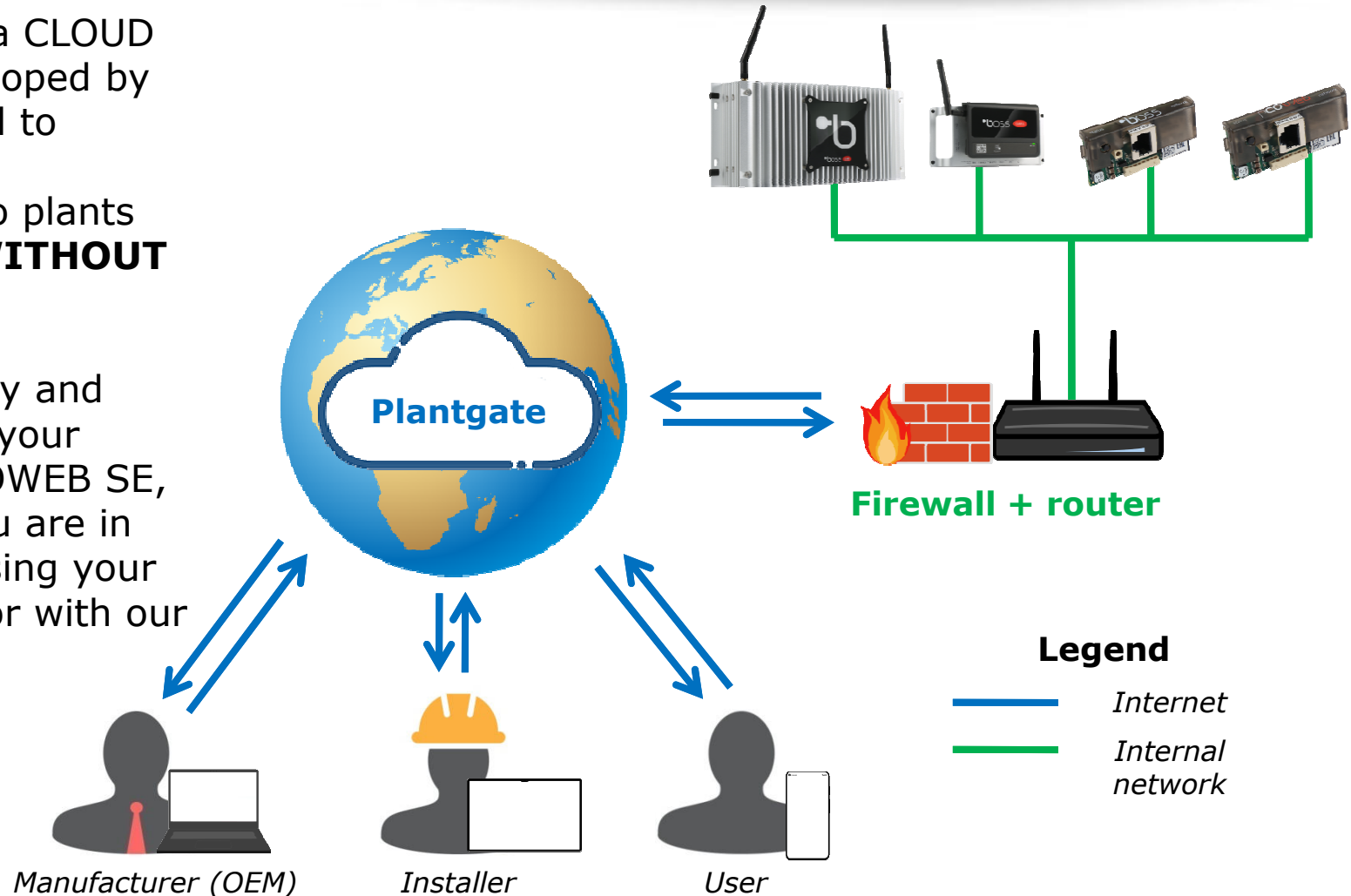
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Web: <https://www.climaset.it/en> Email: [info@climaset.it](mailto:info@climaset.it)*

# 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**.



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# **Plantgate...**

## **Compatible devices on the field**

### **Webserver**

### **Supervisors**



**pCOWEB SE**



**BOSS one**



**BOSS micro**



**BOSS mini**

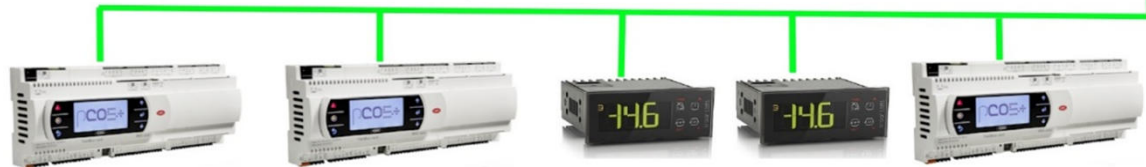


**BOSS**

**Single device  
(one device only)**



**Multiple devices  
(serial line)**



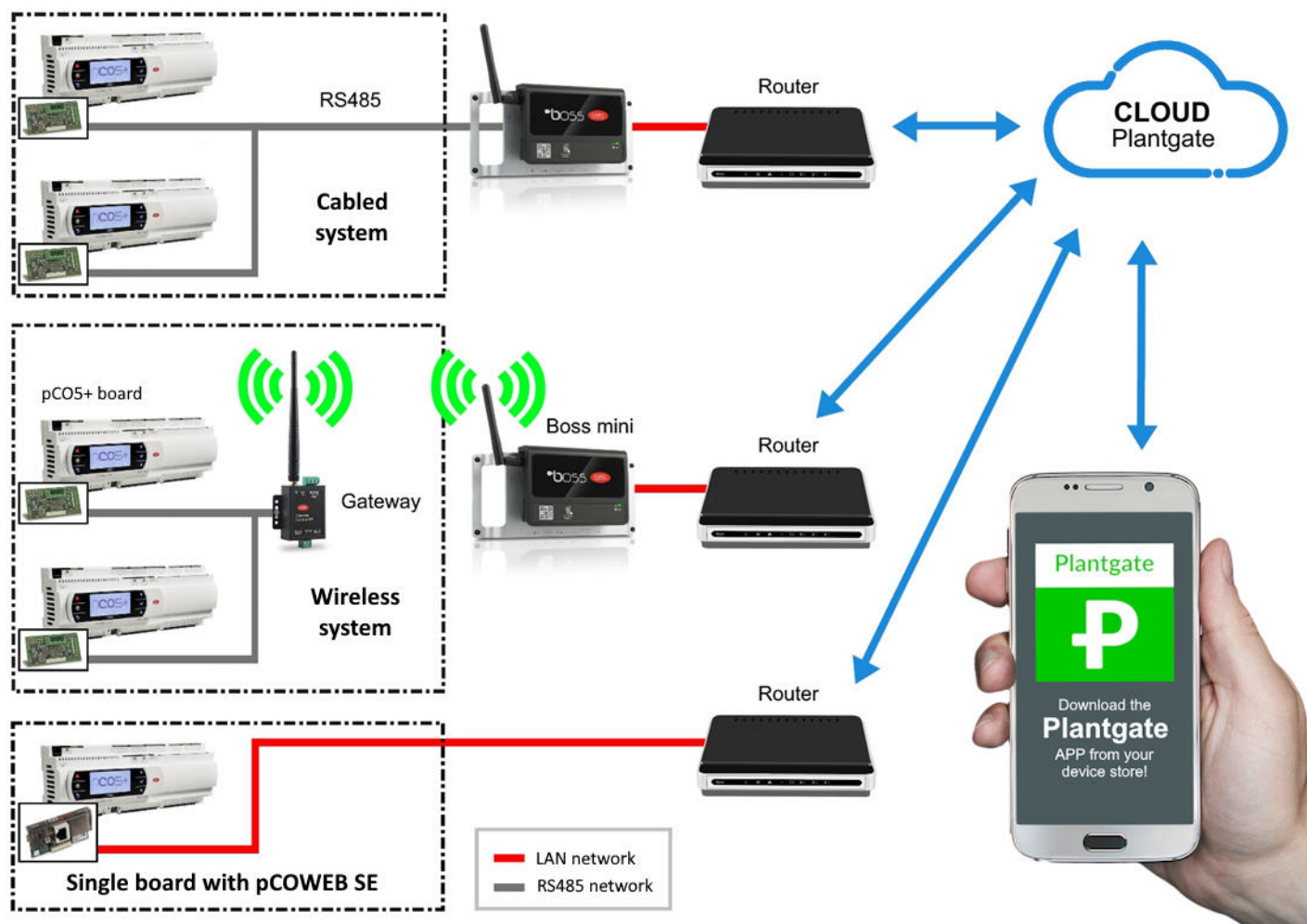
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## Connection examples



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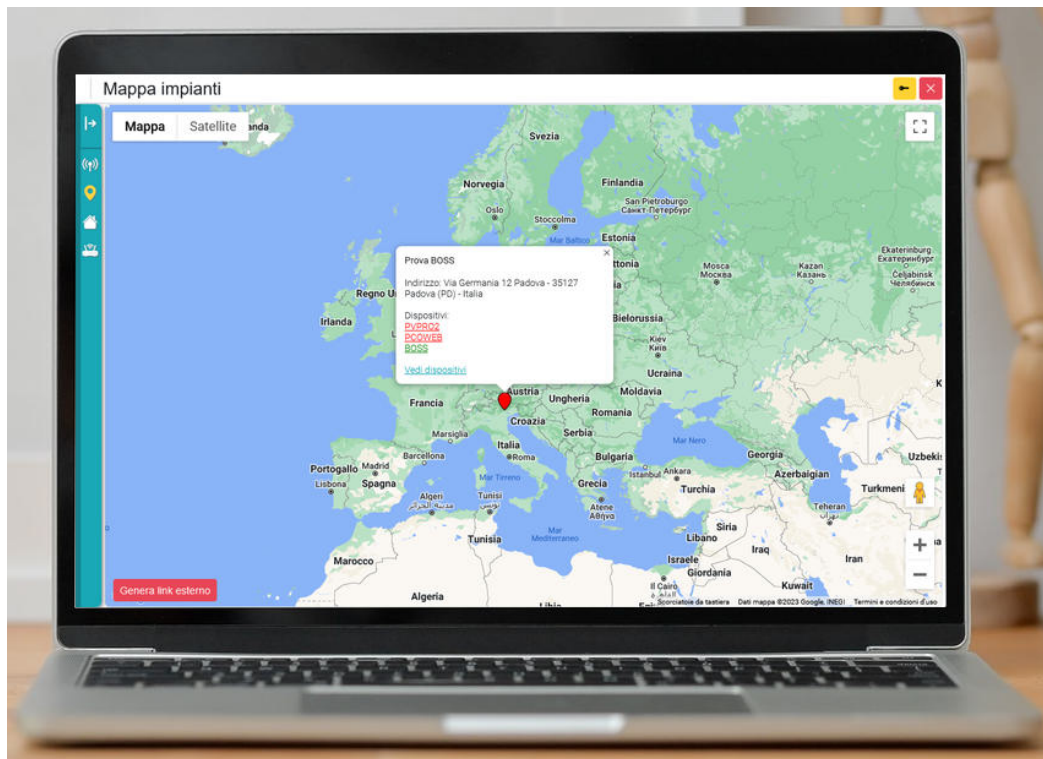
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# Plantgate...

## 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.

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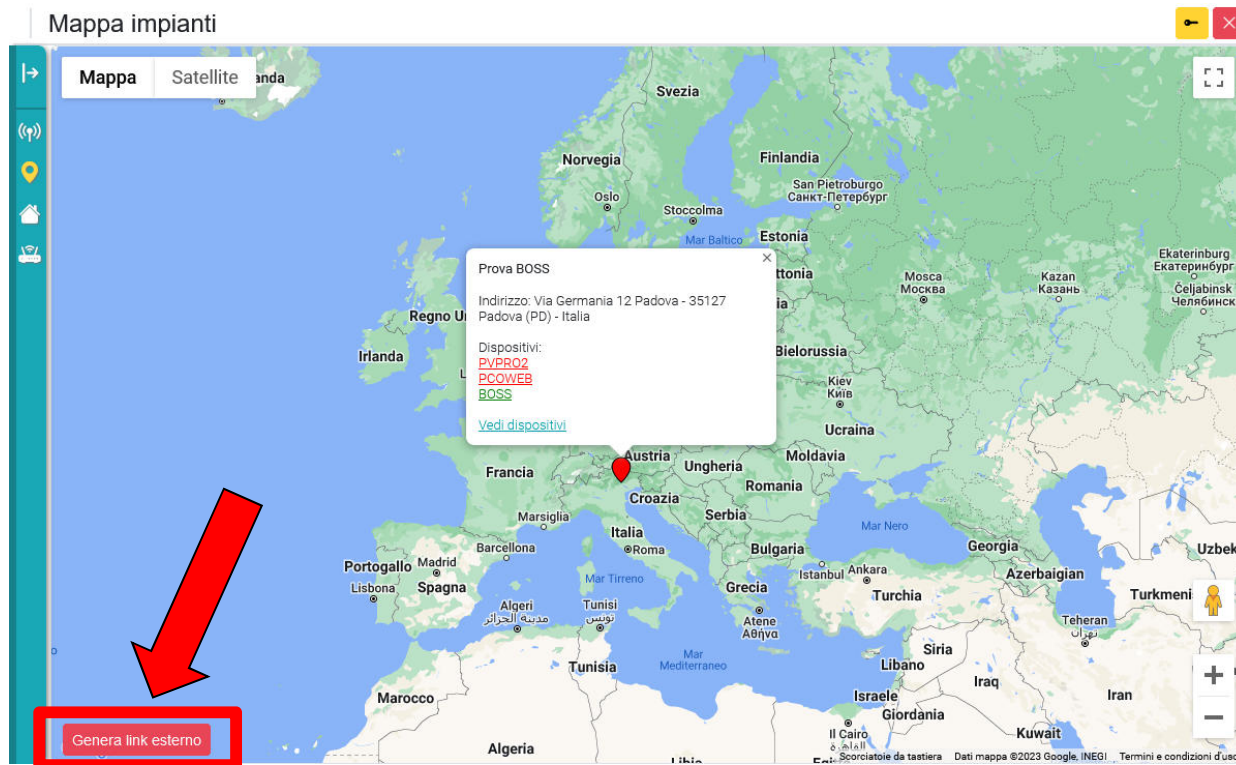
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## Easy remote assistance

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 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 is generated.

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

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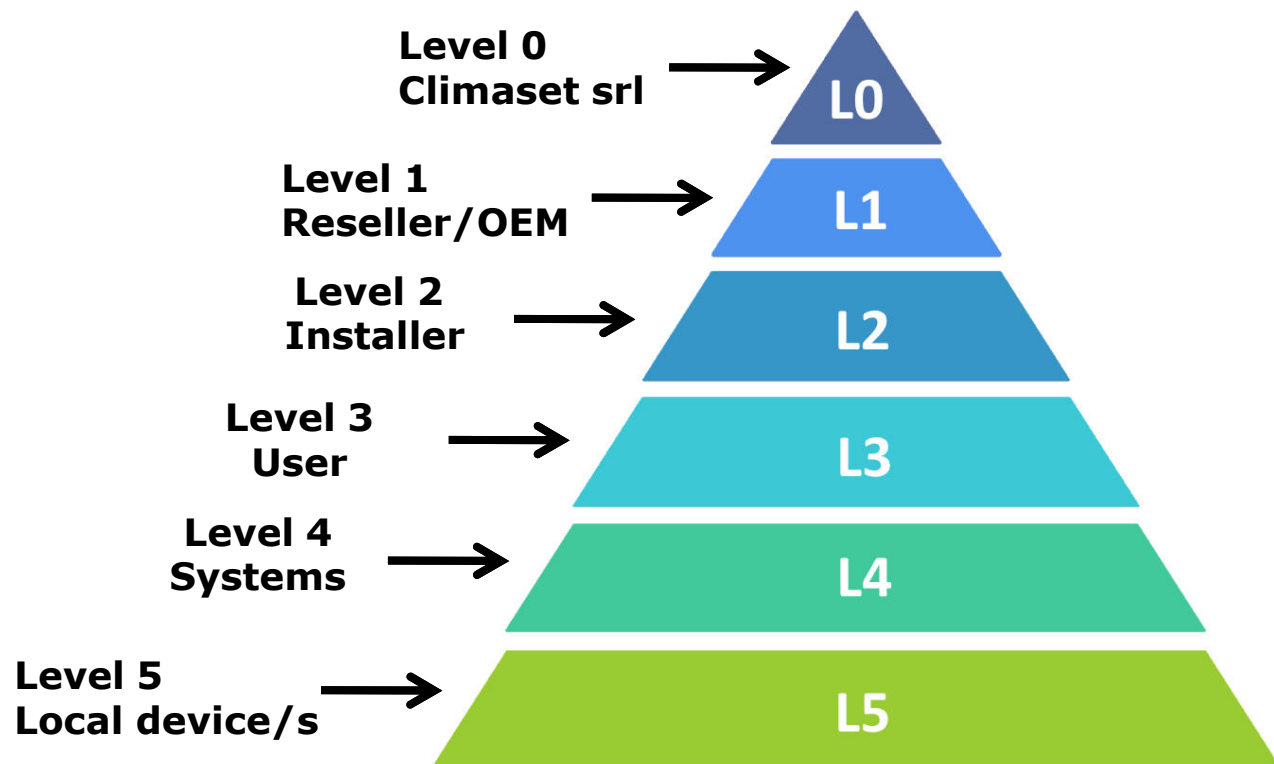
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# Plantgate...

## The pyramidal structure

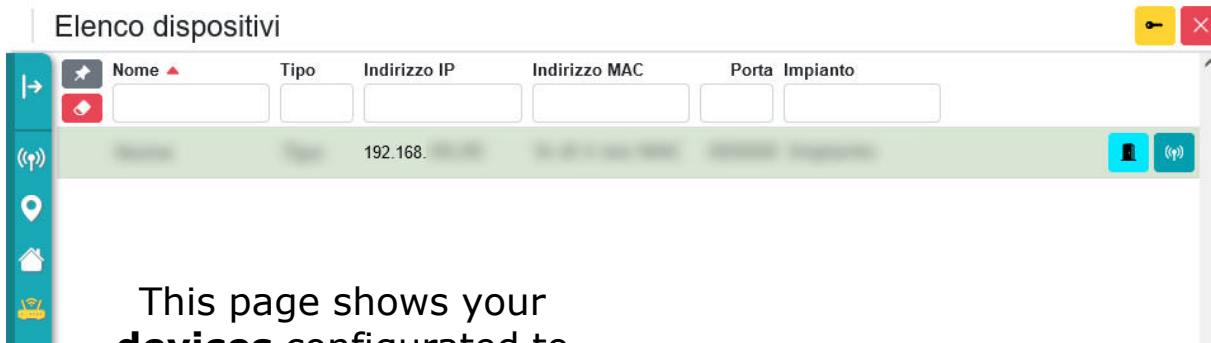
### Plantgate has a pyramidal structure

- 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



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

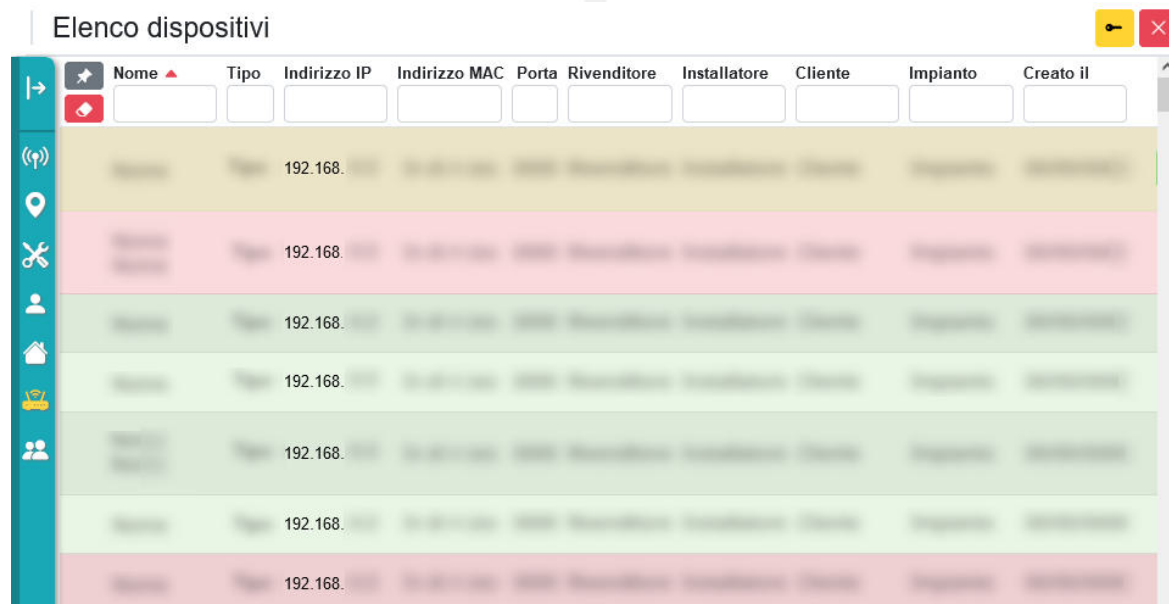
Rows change colors according with the **status** of the device.

Row color

Meaning

Grey	Not monitored
Red	Offline
Yellow	Alarmed
Green	OK

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



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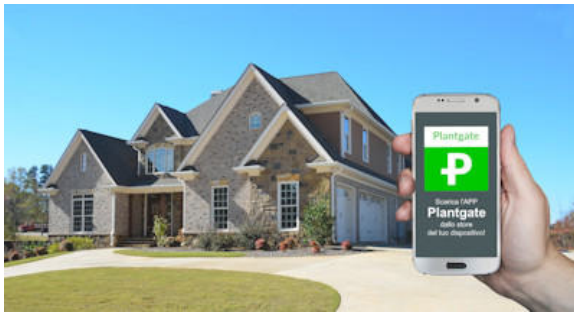
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# ***Plantgate...***

## ***Applications and retrofitting***

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



*Residential systems*



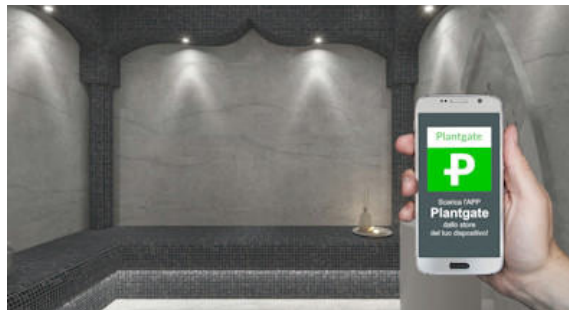
*CAREL humidifiers*



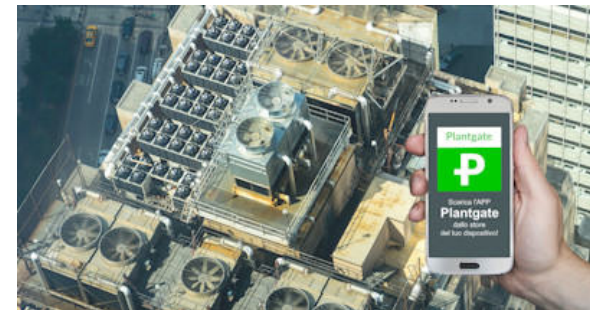
*Wine systems*



*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!

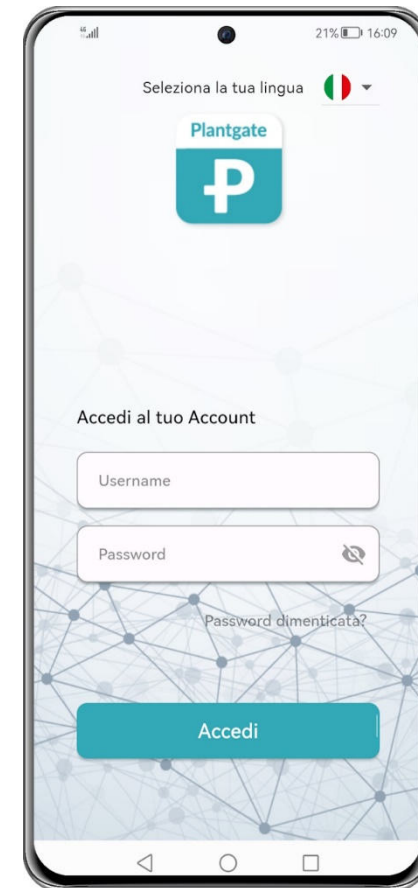
**Download now** the APP from your device's store:



**Google Play**



**App Store**



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## ***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



Cabled network



RUT100



Customer  
router

01010101010



10101010101



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).



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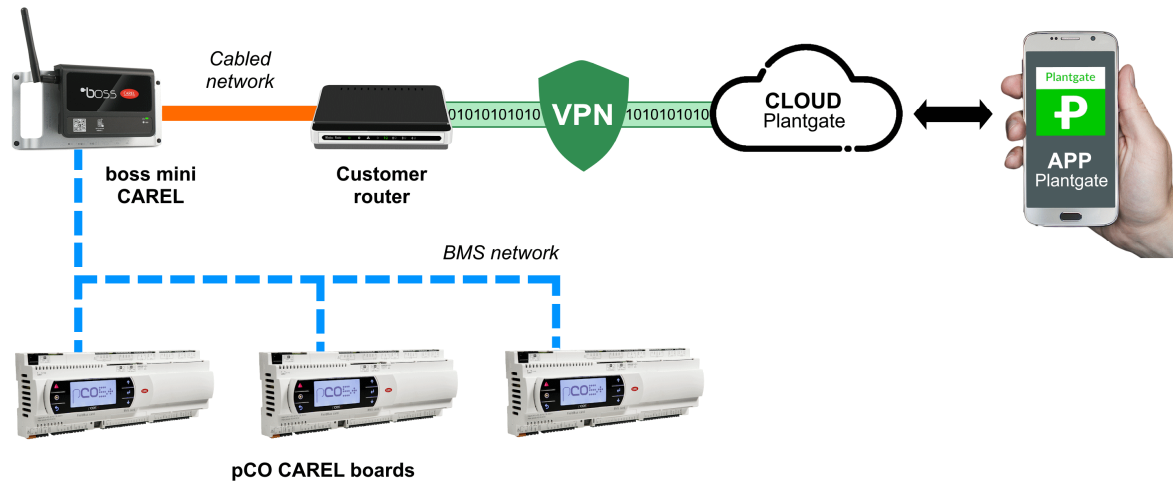
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## Multiple pCO boards Plug&Play connection with VPN

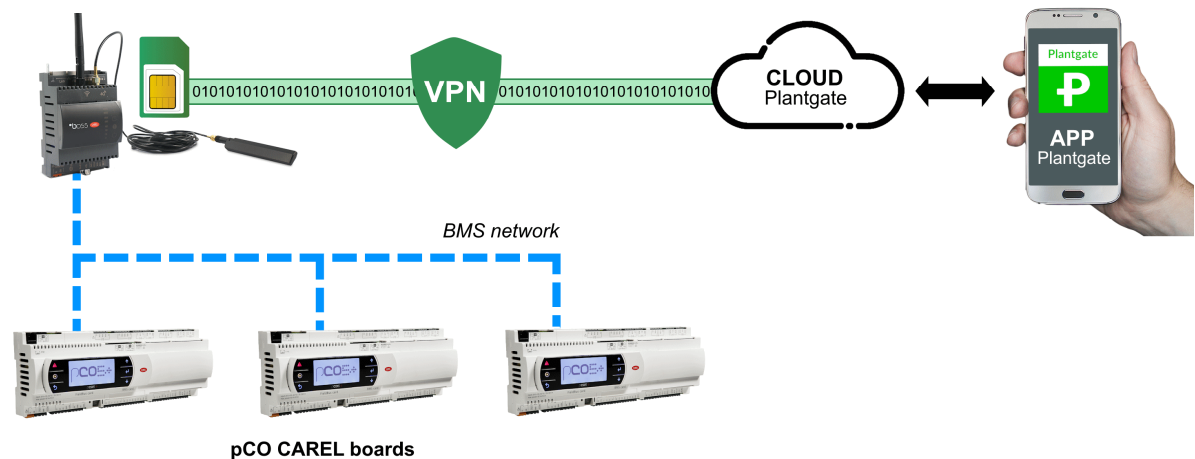


**With customer router**

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

**Without customer router**

**Supervisore BOSS micro 4G** connected via VPN to the Plantgate cloud using a *4G SIM card* (not supplied).



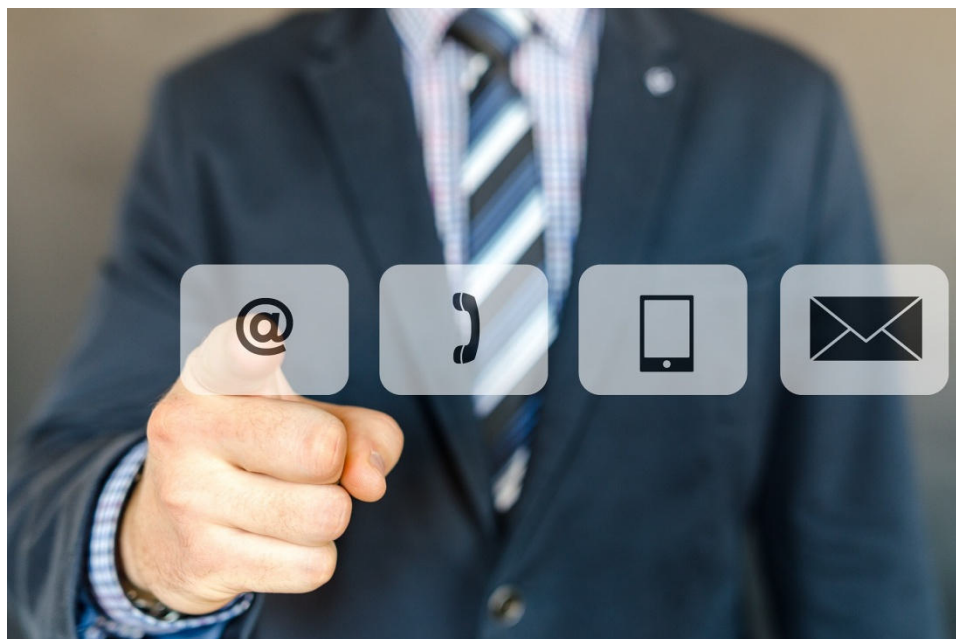
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***Plantgate...***  
***For any questions, contact us!***



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