

Plantgate for refrigeration

Remote management for users and service



CLIMASET s.r.l.

HVACR solutions for Regulation – Supervision – Air Humidification

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Website: <https://www.climaset.it/en> Email: info@climaset.it

Plantgate for refrigeration

Your system, wherever you are

Plantgate

Remote supervision for your system,
anywhere in the world.



Even with an handy smartphone APP!

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Plantgate for cold rooms

Introducing our dedicated regulation

In addition to classical parametric controllers, we provide **pCO5+ controllers** with the dedicated software **for cold rooms**, for units equipped with an autonomous refrigeration group or those connected to a centralized cooling system.



**Discover
more!**

Regulation with pCO5+ boards
manages the entirety of a cold room:

- Cooling and heating management,
- Humidification and dehumidification management,
- Advanced defrosting functions,
- Air Exchange (washing),
- Alarms and events management (with historicization), room illumination, door switch
- Multiple evaporators: up to 10 evaporators by using two boards.

Plantgate for single cold room

Connectivity with router with no static IP

CAREL pCO5+
controller



pCOWEB SE
CAREL



Cabled network



RUT100



Customer
router



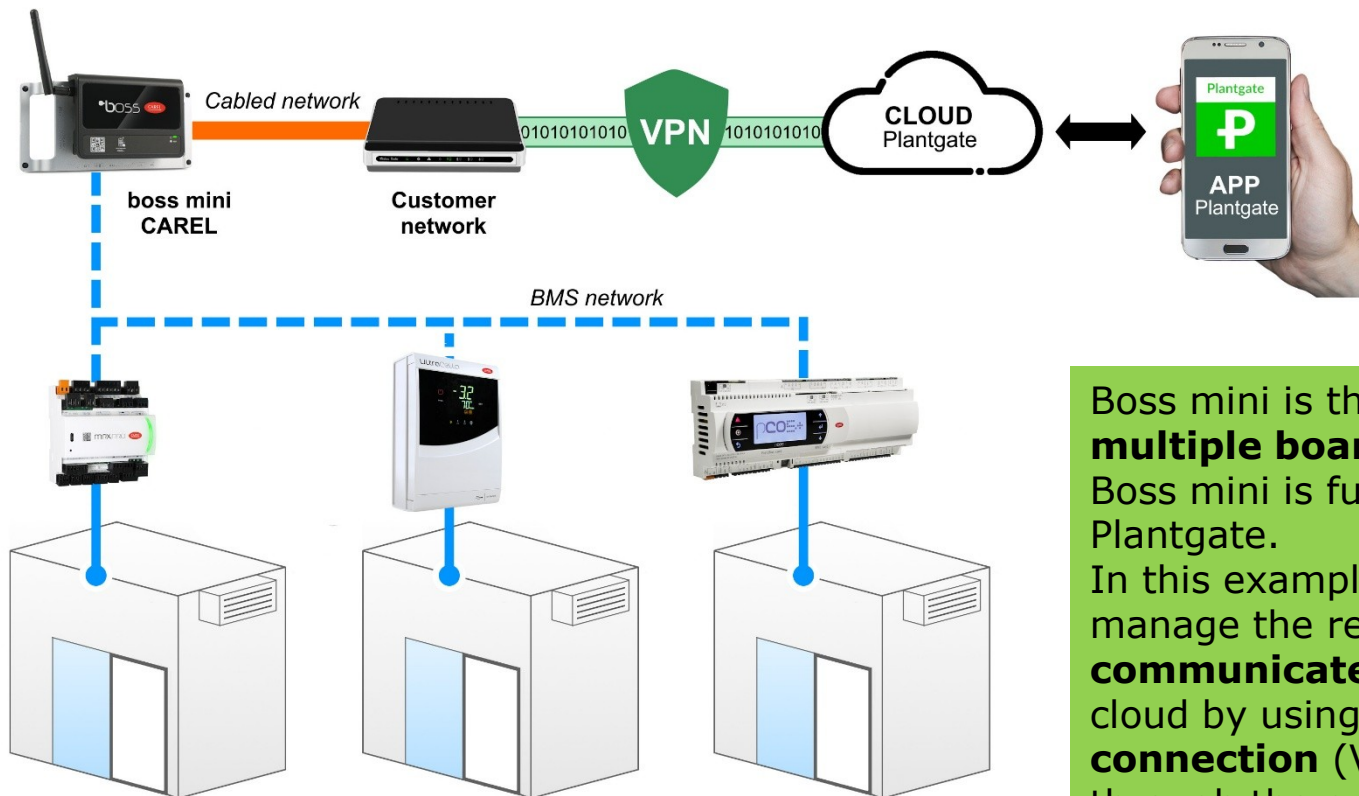
pCOWeb is a webserver, supplied by Climaset srl, that brings supervision for a **single pCO5+ Carel controller**. pCOWeb is installed into the BMS card slot and provides intuitive webpages for the steam bath management.

RUT100 is the auto-installing kit, supplied by Climaset srl, for **safely** connecting the pCOWeb (through a *VPN encrypted connection*) to the customer router and then to the Plantgate CLOUD, **no configuration is needed on customer router**.

With this setup, you don't need a static IP address, simply open the **Plantgate APP** and manage the refrigeration system **from anywhere!**

Plantgate for multiple devices

Connectivity with router with no static IP

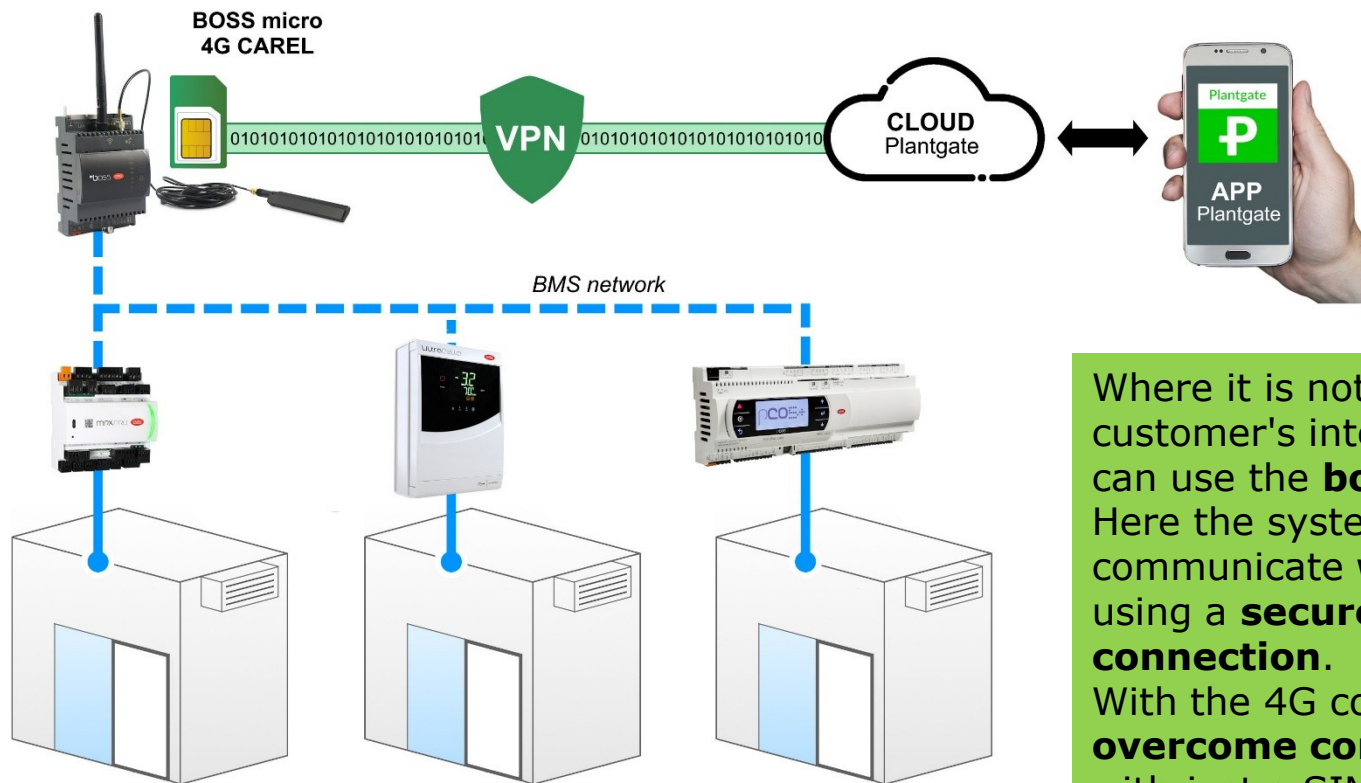


Boss mini is the **supervisor for multiple boards system**.
Boss mini is fully **compatible** with the Plantgate.
In this example, three devices that manage the refrigeration system **communicate** with the Plantgate cloud by using a **secure connection** (VPN), passing also through the customer router.

With this setup, you don't need a static IP address, simply open the **Plantgate APP** and manage the refrigeration system **from anywhere!**

Plantgate for multiple devices

Connectivity without router with SIM 4G

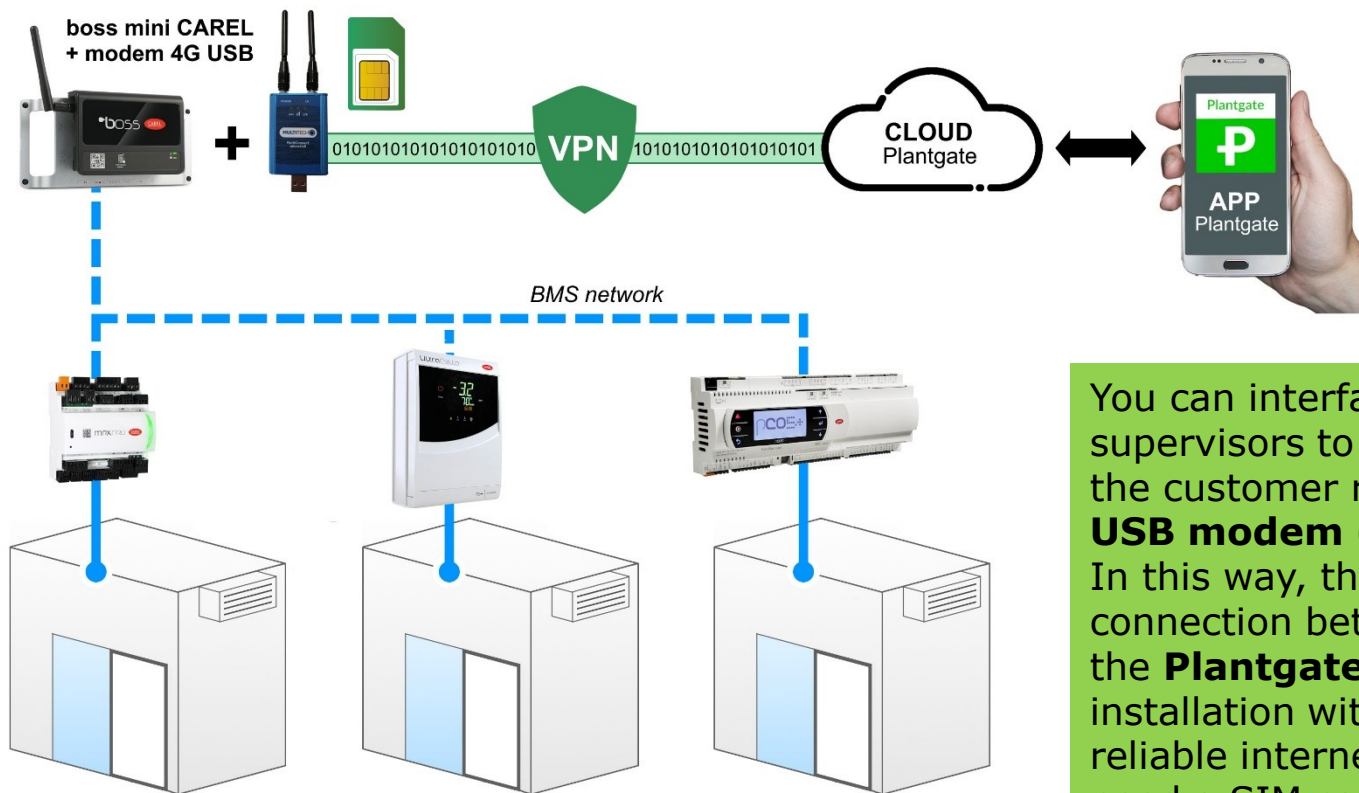


Where it is not possible to use the customer's internet connection, you can use the **boss micro 4G**. Here the system with three devices communicate with the Plantgate by using a **secure and independent VPN connection**. With the 4G connection you can **overcome connection limitations**, with just a SIM card (not provided).

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

Plantgate per più dispositivi

Connectivity without router with SIM 4G



You can interface **BOSS/BOSS mini** supervisors to the Plantgate bypassing the customer router by using the **4G USB modem** (cod.BMHST4GA00). In this way, there is a **secure VPN** connection between your system and the **Plantgate**, useful for those installation without a stable and reliable internet connection: you just need a SIM card (not provided).

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

Plantgate for wellness
Don't esitate to contact us!



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