

Plantgate for heating/cooling

Remote management for installers



CLIMASET s.r.l.

HVACR solutions for Regulation – Supervision – Air Humidification

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Plantgate for heating/cooling

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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Even with CAREL io.module



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CAREL **io.module** is a **data acquisition** module designed for collecting data such as temperatures, pressures, digital inputs, etc.. and **sharing them** to **supervision** systems.

With CAREL **io.module** it is possible to manage a system in a better, more efficient way, **by reducing machine downtimes** and other problems.

- Reduced dimensions, only 4 DIN modules,
- 4 temperature inputs (NTC or PT1000),
- 4 digital inputs,
- 2 probe type inputs (4..20mA, 0..5V or 0..10V),
- 6 electromechanical relays,
- Serial communication with Carel or Modbus protocols.

Plantgate for heating/cooling

Even with universal multiregulator

The Universal multiregulator, the solution that **combines** the capabilities of a **data acquisition module** with those of a **parametric controller**. With the universal multiregulator you can **read** the status of probes and digital inputs, **manage** devices and inverters, in addition to **share** data to supervision systems.

You can manage up to:

- eight probes (minimum 4 with 6 digital inputs with pCOcompact),
- eight digital inputs (6, minimum 2 with 8 probes with compact),
- eight ON/OFF devices (7 with compact),
- four 0/10V inverters (only one with compact),
- one inverter with PWM/Phase cut/for converter signal (only one with compact).



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more!](#)

Plantgate for single board Router connection without static IP

CAREL pCO5+
controller



pCOWEB SE
CAREL



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 managing the pCO5+ controller.

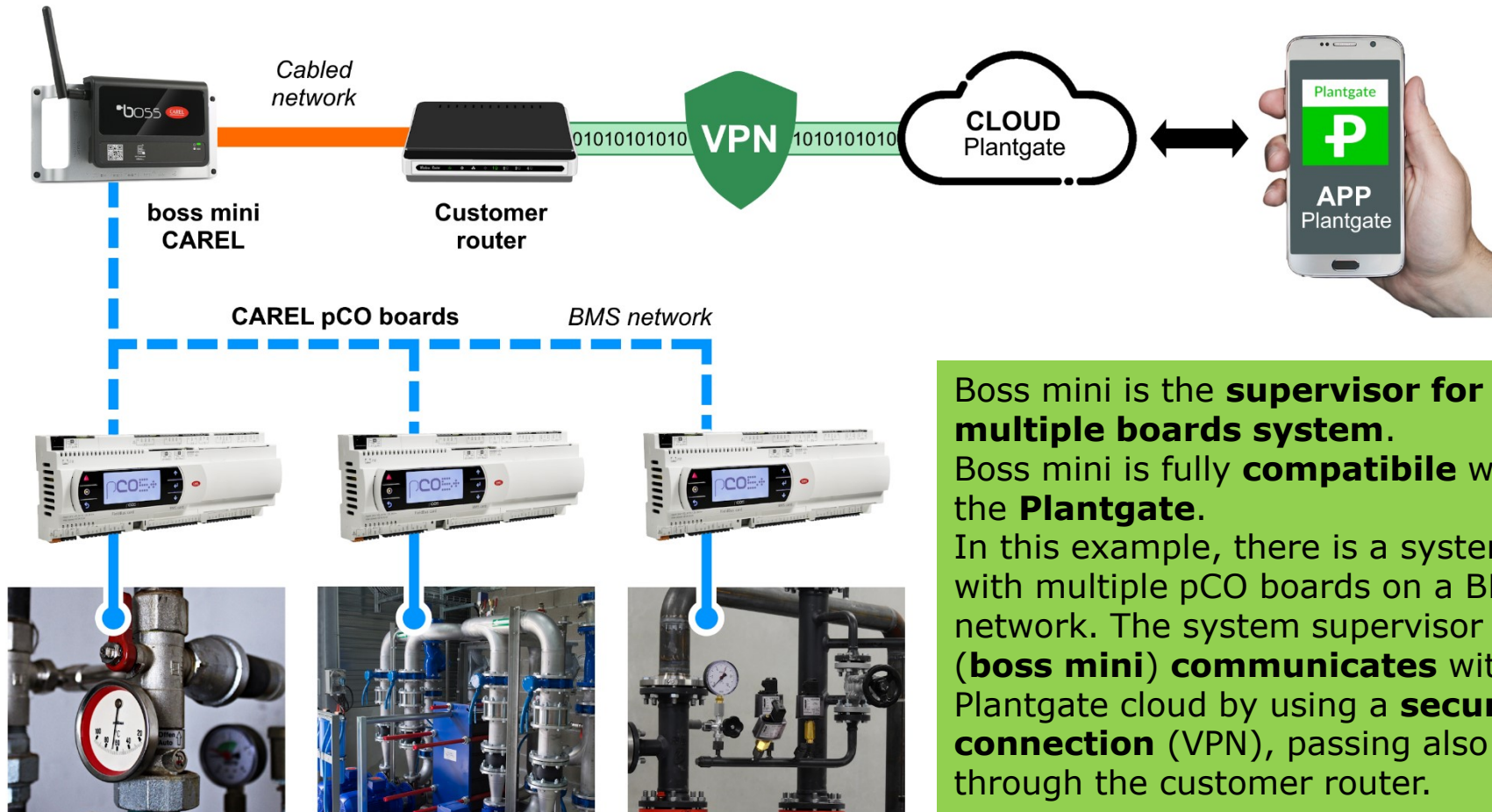
RUT100 is the autoinstalling kit, supplied by Climaset srl, for **safely** connecting the pCOWeb (through a *VPN encrypted connection*) to the customer router and then to the Plantgate CLOUD, **no configuration is needed on customer router**.



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

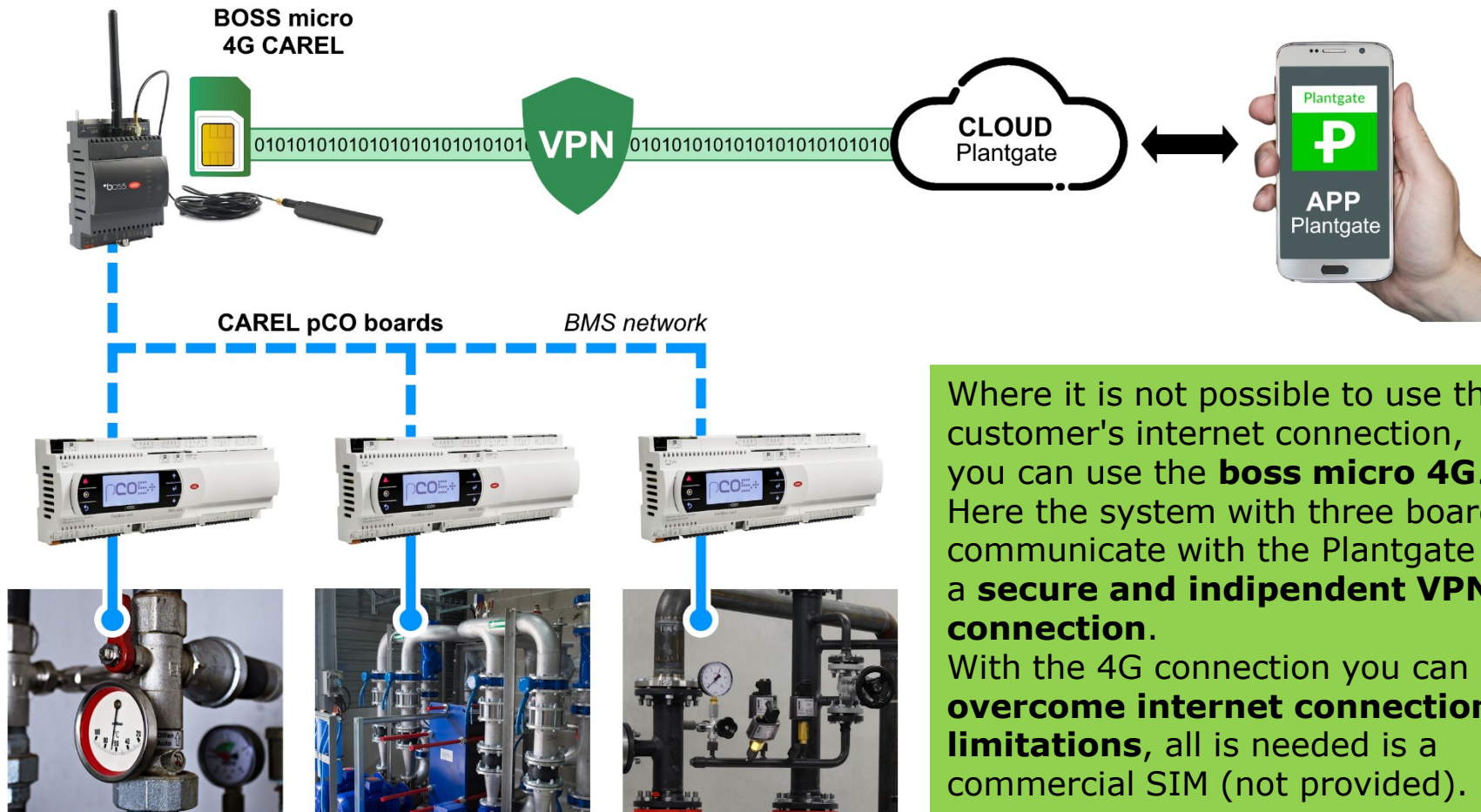
Plantgate for multiple boards

Router connection without a static IP



Boss mini is the **supervisor for multiple boards system**. Boss mini is fully **compatible** with the **Plantgate**. In this example, there is a system with multiple pCO boards on a BMS network. The system supervisor (**boss mini**) **communicates** with the Plantgate cloud by using a **secure connection** (VPN), passing also through the customer router.

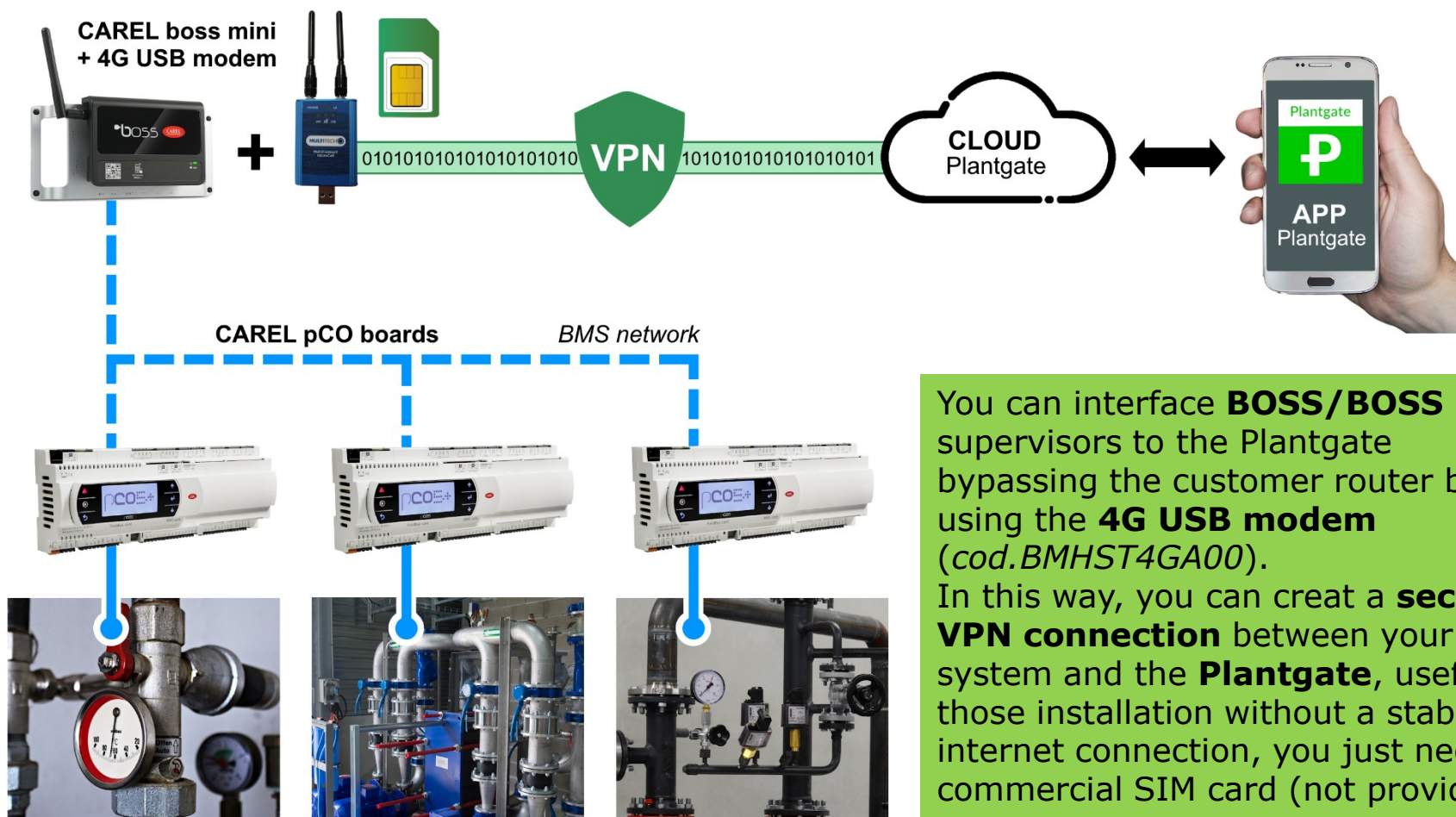
Plantgate for multiple boards Connection without router with 4G SIM



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

Plantgate for multiple boards

Connection without router with 4G SIM



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, you can create a **secure VPN connection** between your system and the **Plantgate**, useful for those installation without a stable internet connection, you just need a commercial SIM card (not provided).

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Don't esitate to contact us!



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