

Plantgate for th. power plants

Remote management for installers



CLIMASET s.r.l.

HVACR solutions for Regulation – Supervision – Air Humidification

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Plantgate for th. power plants

Your system, wherever you are



Even with an handy smartphone APP!

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Plantgate for th. power plants

Even with CAREL io.module



Discover more!

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.

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Even with universal multiregulator



Discover more!

The universal multi-regulator is the CLIMASET srl solution for **reading probes and digital inputs** values and for **controlling devices** and inverters with direct/reverse logics

The universal multi-regulator is designed for **collecting data** such as temperatures, pressures, digital inputs, etc.. and **sharing them** with boss range supervision systems

The universal multiregulator can manage up to:

- 8 probes (minimum 4 with 6 digital inputs),
- 6 digital inputs (minimum 2 with 8 probes),
- 7 ON/OFF devices,
- 1 inverter with 0/10V signal,
- 1 inverter with signal PWM/phase cut/for converter.

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Plantgate for single board

Router connection without static IP

CAREL pCO5+
controller



pCOWEB SE
CAREL



Cabled network



RUT100



Customer
router

01010101010101010101010101010101



VPN

10101010101010101010101010101010



CLOUD
Plantgate



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!**

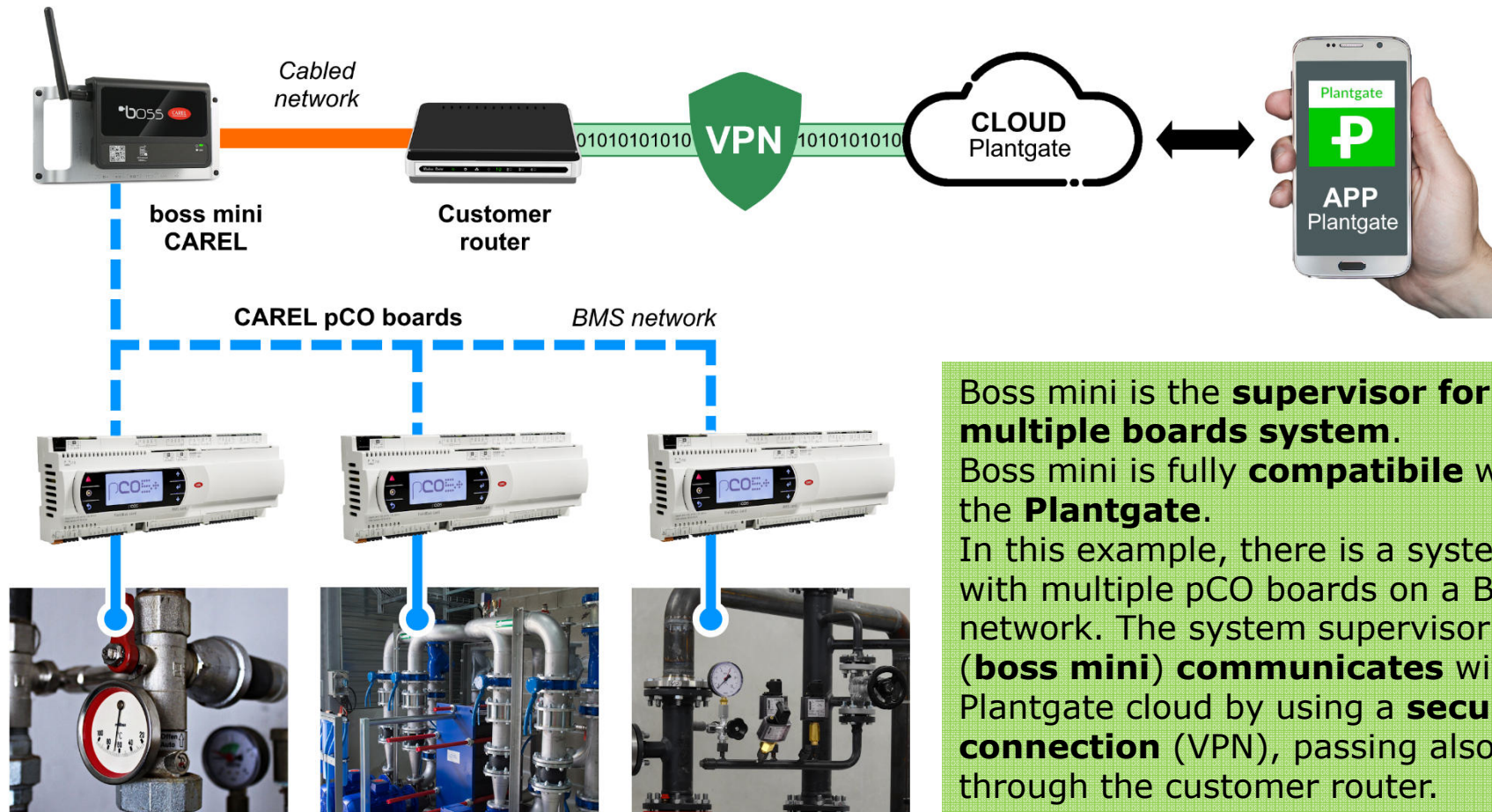
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Plantgate for multiple boards

Router connection without a static IP



Boss mini is the **supervisor for multiple boards system**.

Boss mini is fully **compatible** with the **Plantgate**.

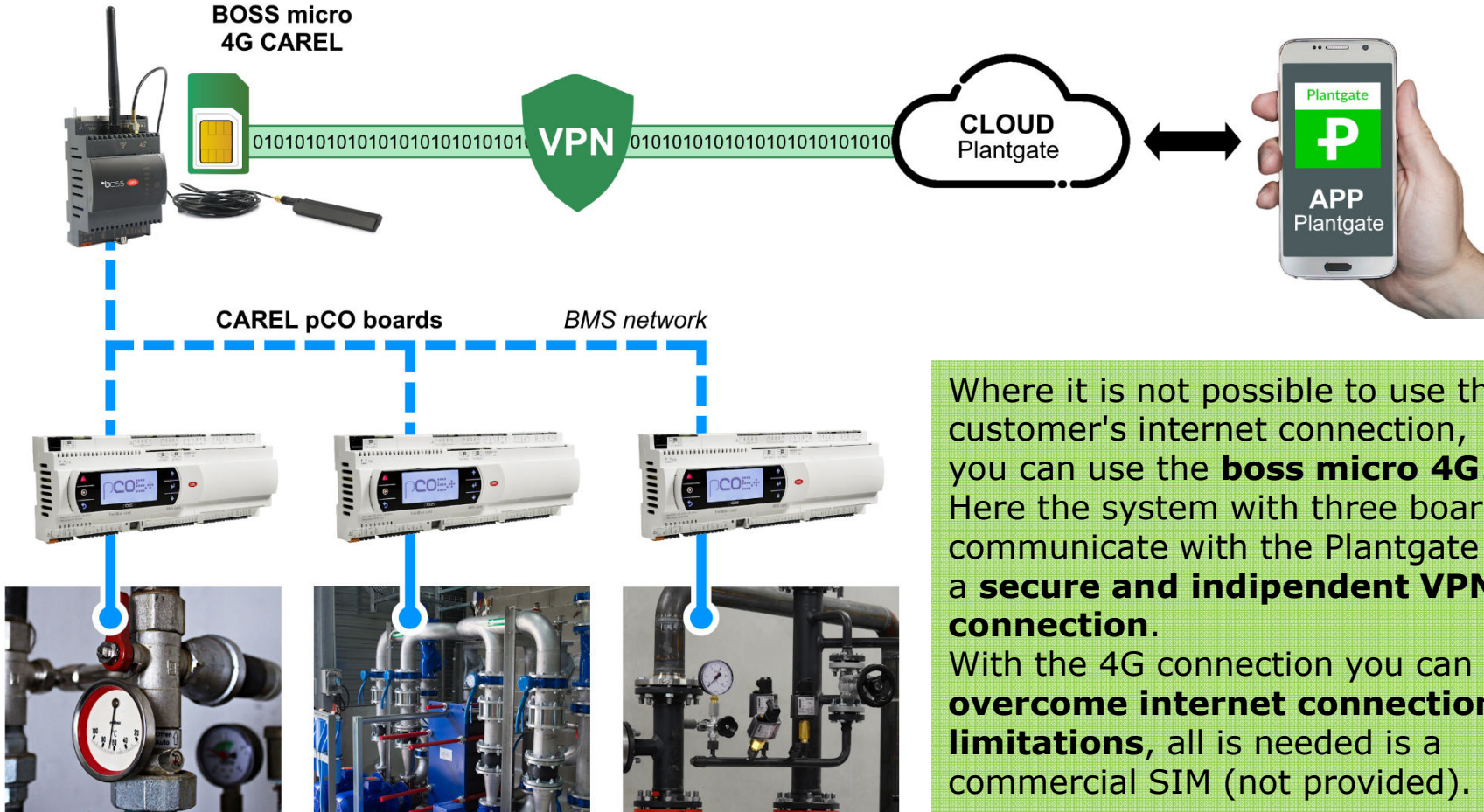
In this example, there is a system with multiple pCO boards on a BMS network. The system supervisor (**boss mini**) **communicates** with the Plantgate cloud by using a **secure connection** (VPN), passing also through the customer router.

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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).

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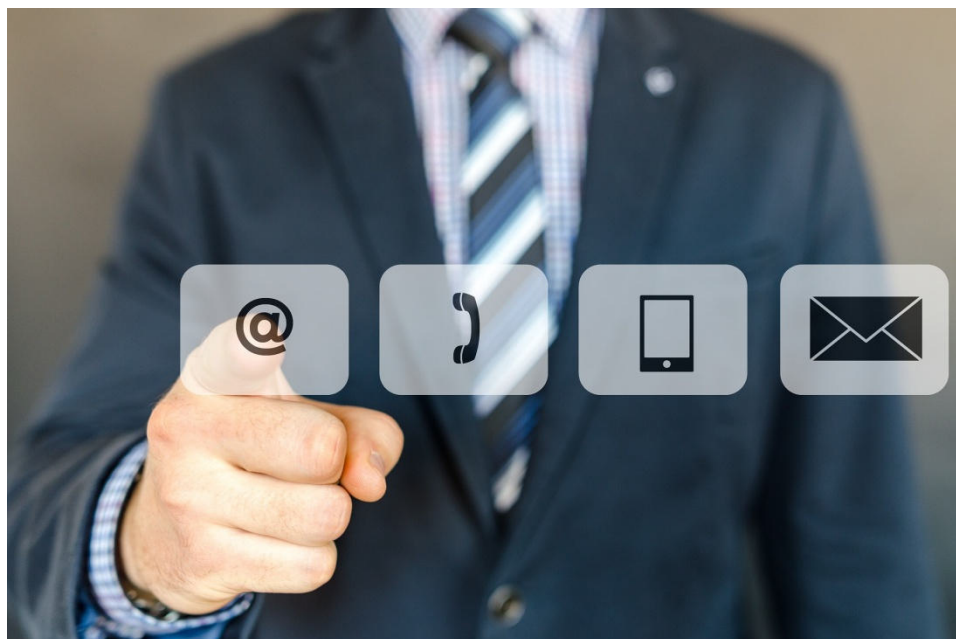
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Don't esitate to contact us!



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