



# Easy HVAC management for all buildings

Wi-Fi card



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**Schneider**  
Electric

# A solution that makes the VT8000 / SE8000 range even more powerful

The VT8000/SE8000 room controllers are much more than a simple thermostat. Whether you use them on a stand-alone basis or integrate it into a BMS, the VT/SE8000 gathers and transmits data vital to your customer's building, from temperature, CO<sub>2</sub>, and humidity through to occupancy rates and presence detection — all of which can be used to fine-tune heating, ventilation, and air conditioning for optimal efficiency. **Now, thanks to the Wi-Fi card, the VT8000 and SE8000 room controllers offer additional benefits** by incorporating BACnet/IP over Wi-Fi and email notifications and alerts. Whether you are a BMS expert or a mechanical contractor the Wi-Fi card will allow you to reduce installation time and cost while increasing customer satisfaction.



## Large buildings: ideal for BMS integration



In large buildings, the capacity to rapidly process large volumes of data is crucial to optimizing system and equipment performance, bringing occupants the comfort they want, and improving building energy efficiency. Your BMS can handle all of this but your equipment can also help, which is where the Wi-Fi card comes in.

**As a BMS expert, you will appreciate a solution that offers:**

- **Easy integration**

The Wi-Fi card lets you connect your room controllers without cabling or an additional gateway, making it easier to integrate sensors into a building's architecture. Plus, the Wi-Fi card is directly integrated into and powered by your VT8000 / SE8000 room controller.

- **High system performance**

BACnet/IP communication between your VT8000 / SE8000 room controllers and BMS is direct and, therefore, very reliable. Even better, communication is faster than wired BACnet MSTP. Your room controllers are recognized virtually instantly and messages are managed rapidly.

- **Greater added value**

The Wi-Fi card substantially improves your costs, reducing the time you spend on the initial job site and installing additional products. You also strengthen your relationships with your customers by bringing them a reliable, high-performance solution.

# Small to mid-sized buildings: clever HVAC maintenance

In small to mid-sized buildings, HVAC can be a source of headaches for building operators and occupants, who often feel like they are throwing money away on maintenance contracts or on equipment they can't be sure will work when they need it.

Easy to implement in stand-alone mode, a Wi-Fi-enabled VT/SE8000 sends you notifications and alerts by email if an HVAC malfunction is detected or if one of the thresholds you have set for e.g. temperature, CO<sub>2</sub>, or humidity has been exceeded.

**As a mechanical contractor, the Wi-Fi card lets you:**

- **Perform maintenance quickly and efficiently**

This new feature gives you the information you need to plan ahead as you know exactly which customers need maintenance.

- **Earn your customers' trust**

Respond quickly, before your customers' equipment breaks down. Your customers get comfort and peace of mind, and you spend less time and earn your customers' trust!

Additionally, the Wi-Fi card prepares the VE/SE8000 for app connectivity\*, providing your customers greater flexibility for control and scheduling while further empowering you to respond in real-time.


\*Planned availability in 4Q 2019





## Easy to install and configure in just a few clicks


The Wi-Fi card's integrated web page makes configuring your VT8000 / SE8000 fast and easy from any computer, tablet, or smartphone.

### Installation and configuration with BMS

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Install the Wi-Fi card on the VT8000 / SE8000. Power the VT8000 / SE8000. Enable Wi-Fi Card.
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Connect to the Wi-Fi Access Point of the VT8000 / SE8000 Wi-Fi card, using a Smartphone, a tablet or a computer.
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Scan the Wi-Fi networks. Connect to the right one. Enable BACnet/IP communication, and fill in the basic BACnet parameters.
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All BACnet points are visible in EcoStruxure Building Operation or any IP based BACnet third party solution, and can be uploaded to your project.

### Installation and configuration in stand-alone mode

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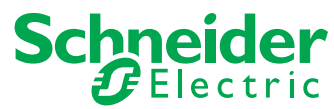
Install the Wi-Fi card on the VT8000 / SE8000. Power the VT8000 / SE8000. Enable Wi-Fi Card.
- 

Connect to the Wi-Fi Access Point of the VT8000 / SE8000 Wi-Fi card.
- 

Scan the Wi-Fi networks. Connect to the right Wi-Fi network, and select the email notification.
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Select the right notification and thresholds. Define the stakeholders who will receive the alerts.

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Schneider Electric Industries SAS  
35, rue Joseph Monier - CS 30323  
F92506 Rueil-Malmaison Cedex  
FRANCE