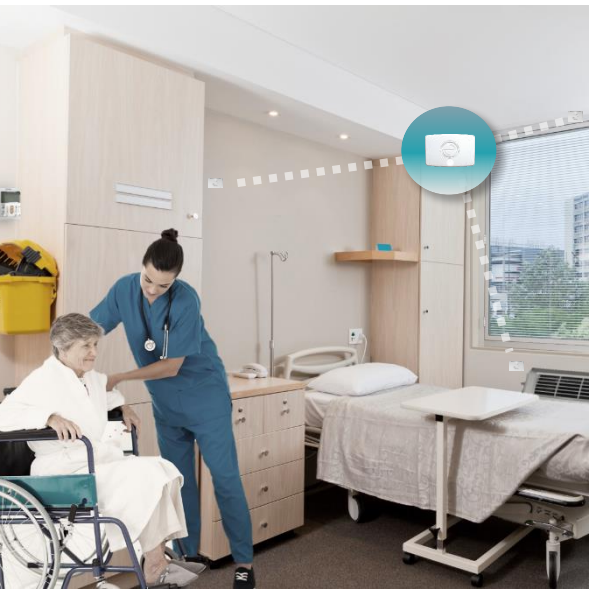
SETPOINT
EXPERIENCE CLIMATE INTELLIGENCE

CLIMATE INTELLIGENCE FOR SKILLED NURSING HOMES



SMART, SIMPLE, PLUG & PLAY PLATFORM

Connecting and automating climate control in every room, for huge operational savings

The Setpoint CI is the first self-learning Climate Intelligence platform for senior living communities. This is a plug & play solution, simple to install and simple to operate. It is compatible with all types of heating & cooling units.

Our data-driven machine learning platform senses, analyzes and automates climate in every room, gathering data from user/room/AC profiles, local weather, and utility tariffs.

For the first time ever, skilled nursing site managers can rely on artificial intelligence to maintain climate comfort for the residents, while optimizing workload and climate settings throughout the entire property.

CLIMATE IN SENIOR LIVING FACILITIES IS OUT OF CONTROL

Heating and cooling systems account for more than 60% of energy consumption in senior living facilities.

Site administrators face a dilemma:
On one hand, they strive to maintain climate comfort for their residents.
On the other hand, they are being evaluated for lowering energy consumption and operational costs.

More than 90% of senior living communities lack any means to effectively automate room climate comfort.
They leave it to the residents and visitors to control room climate settings, leading to open windows and doors, and ACs running in empty rooms.

So in reality, room heating and cooling units are unregulated, causing operational workload and high energy costs.

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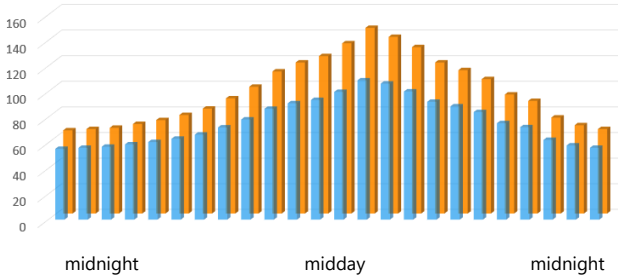
MULTI-ROOM CLIMATE INTELLIGENCE

A quickly deployed wireless Climate Node Network connects to all heating and cooling units and senses all key parameters in every room (temperature, humidity, occupancy, openings, etc.). Applying sophisticated data models and deep learning algorithms, the fully integrated system maintains full resident satisfaction while optimizing operational costs and energy consumption.

DEMAND MANAGEMENT



Features and Benefits

Compatibility. A climate node network connects to and controls all end-units: fan coils, heat pumps, PTACs etc.

Plug & play seamless installation. A very quick installation that can be done while cleaning the room.

Wireless sensing precision. A scalable wireless ZigBee network- **does not interfere with WIFI service**. Sensing is done at the precise location (and not where wiring is).

Elderly climate sensitivity. Constantly senses, learns and automates **personal climate comfort** in every room, making sure each resident is happy, and climate settings comply with regulations.

Behind-the-scenes automation. Demonstrated energy savings of **up to 45%** without compromising climate comfort.

Demand management. Controls all end-units, taking into account local weather and utility tariffs, enables automated peak-demand control.

Predictive maintenance. Constant performance analysis identifies abnormalities and addresses them, preempting residents' complaints.

Full remote control. Easy and intuitive remote monitoring and control from every device. Minimizes technical workload on-site.

No capex. A fixed **Climate-as-a-Service** monthly fee, offset by greater savings.

USE CASE

A 60-year-old, renovated, 180-room skilled nursing and assisted living facility in a region with extreme weather was **quickly installed** at a pace of 30 rooms a day, without no interference to the residents' day to day routines.

The Climate Intelligence platform was installed on the facility personnel's computers and smartphones, enabling **remote monitoring and control**. Maintenance teams are now able to detect and address heating and cooling malfunctions remotely, **saving expensive labor costs**.

Climate comfort is automated, reducing the need for manual adjustments. Temperature reports are generated at a push of a button during health inspections.

In the first year the facility saved **35% on their utility bills**.

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