

Verdant Energy Management Solutions

Plug & Play Smart Thermostats



Reduce HVAC runtimes by 45% on average with Verdant's award winning energy management system.

To learn more visit
verdant.copeland.com

VERDANT
by **COPELAND**



Book a demo.

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Plug & Play



About Verdant

On average, your rooms are unoccupied more than **60% of the time**, even when rented, wasting energy heating and cooling empty rooms, and unnecessarily inflating your electricity costs.

That's where we come in. Our smart thermostats solve this problem by using **advanced occupancy sensing technology** to continuously scan the room for motion and body heat. When guests are present, they're given full control over room temperature

When guests leave the room, Verdant thermostats enter 'setback mode', allowing room temperatures to drift naturally by a few degrees, **reducing HVAC runtime by 45% on average**.

The Verdant Energy Management System Explained



How It Works

Verdant's smart thermostats use occupancy-detection technology to cut back on energy when rooms are unoccupied. Patented features, like night occupancy mode and dynamic recovery make Verdant the smartest, most efficient solution to manage HVAC energy while maintaining guest-preferred temperature.

Installing our energy management system is simple. Your property staff can easily install our smart thermostats in less than 10 minutes per room, the units then start communicating with each other, creating a 100% wireless network. Verdant's proprietary communication protocol leverages low frequency radio waves that easily penetrate thick walls and cover long distances, eliminating the need for additional networking equipment and keeping your Wi-Fi network free of any interference.



REAL ENERGY SAVINGS

Our proven approach to energy management generates measurable savings like no other thermostat can.

Reducing energy bills by 15-20%.



GUEST COMFORT

Achieve your energy saving goals without compromising on guest comfort with Verdant.

Never compromise on guest comfort.



QUICK PAYBACK

Verdant generates a quick return on your investment with some utility rebates covering up to 100% of costs*.

12-18 Month payback on average*

*The average payback period for Verdant systems in the hospitality industry typically ranges from 12 to 18 months. However, actual results may vary depending on factors such as property type, utility cost, available rebates, climate conditions, management practices, and other variables.

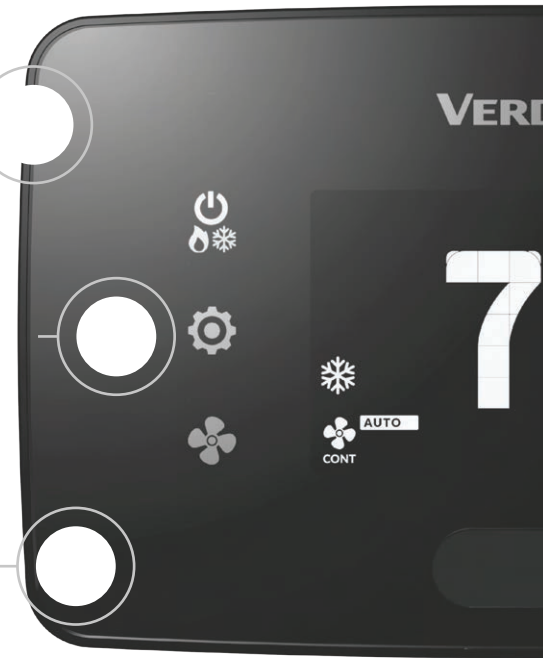
Energy Efficiency meets **Innovation**

At Verdant, we've crafted a solution engineered for sustainability, seamlessly blending cutting-edge technology to cater to our customers' varied portfolio requirements, streamlining HVAC and energy management process aimed at delivering optimal solutions.

Wired & wireless offerings

Compatible with all HVAC types

Self-install in 10 minutes per room.



Trusted by world's largest hospitality players for their portfolio savings.

Significantly boost your property's overall value, every dollar saved in electricity costs increases the resale value of your property by 13X**, generating an incredible return on invested capital. Very few investment opportunities offer so much upside in such a short time.

The Verdant EMS is **installed in 12,000 Properties**

across North America and globally. With expansion into Europe and LATAM region underway.



Our Case Studies

Find out more about Verdant's success stories



**Enterprise Value Multiples by Sector http://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/vebitda

Our hardware



Verdant VX4 Series Thermostat

Our flagship thermostat, the Verdant VX4 offers a new sleek and simple look with fingerprint-resistant glass surface and Verdant's reliable and robust industry-leading technology.

A smart thermostat to help your property achieve smarter energy savings with Verdant's patented energy features.



Verdant VX Series Thermostat

Our field-proven Verdant VX thermostat is robust, reliable and offers unparalleled value for property owners.

Trusted by thousands of hotels globally, Verdant VX comes with all the great features that make Verdant a preeminent leader in guestroom energy management technology.



Verdant ZX Series Thermostat

Verdant ZX packages the power of our patented energy management technology in an intuitive, trendy design that is sure to delight guests while generating significant cost savings for you.

Built with simplicity and modernity in mind, the ZX includes latest technologies including built-in Zigbee compatibility, 10-minutes self install and full online access, 24/7.

Our software

Web-based Platform

Remotely manage all your properties from one platform, anytime, anywhere.

A web-based platform to maximize your property's energy savings by monitoring and optimizing energy management while providing you with measurable energy reduction data and insights for all your properties.



Introducing

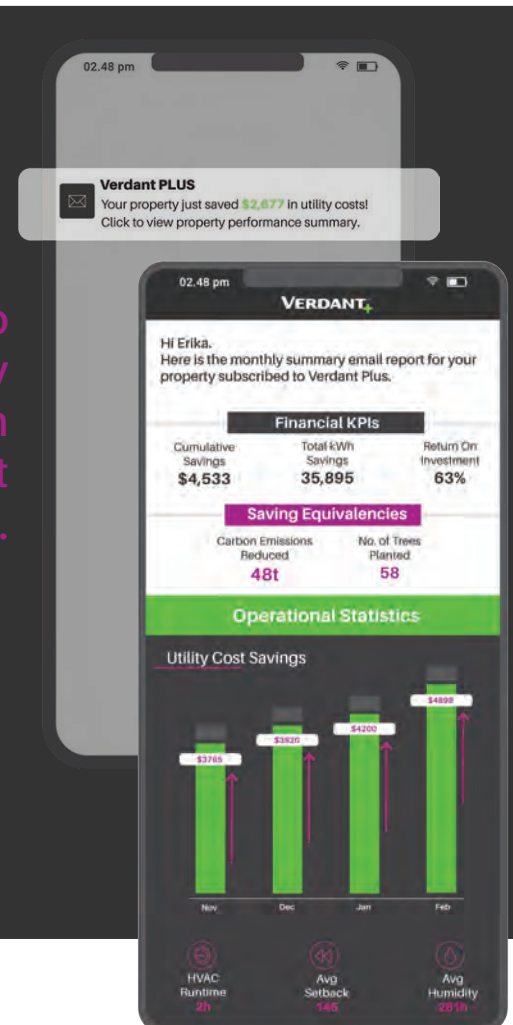
Verdant Plus

Verdant's Energy Optimization Service

Constantly challenged by high staff turnover, commercial building owners & operators often need help maintaining long-term optimized property operations. Verdant Plus provides the right toolkit to maximize your energy management system's performance while reducing on-site staff responsibilities. Consider it an extra set of eyes on your energy savings

Receive custom escalation emails concerning energy disparities impacting the property. This helps you, as a property decision-maker, stay informed & updated on your property operations & savings.

Level up
your energy
savings with
Verdant
Plus.

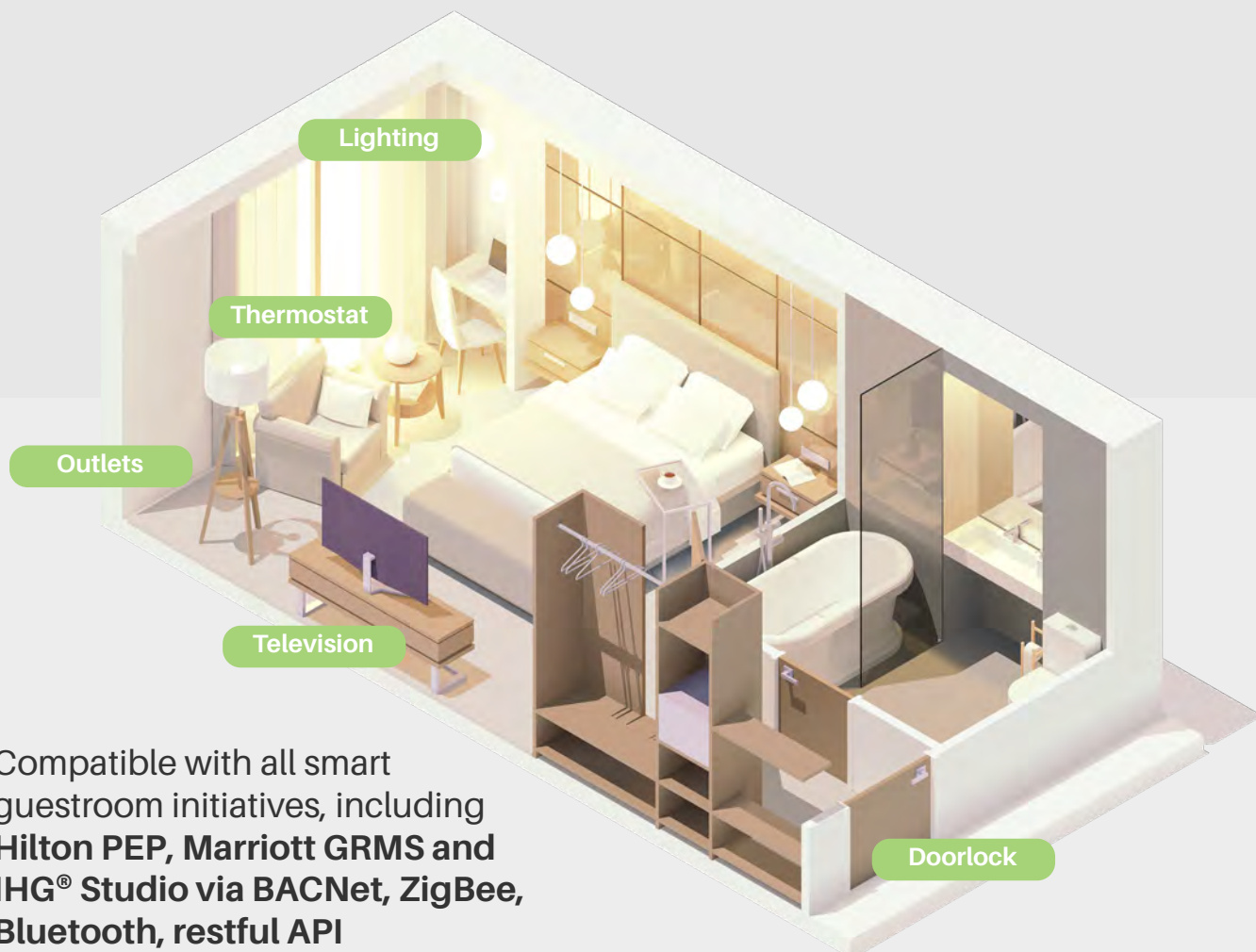


Find out more of what's included in Verdant Plus.



Verdant Plus

Smart Room Integrations



Compatible with all smart guestroom initiatives, including **Hilton PEP, Marriott GRMS and IHG® Studio** via **BACNet, ZigBee, Bluetooth, restful API**

PMS Integration

The Verdant API can be used to connect to **Opera & Hotel Key** Property Management Systems

Door Lock Integration

Seamlessly connect with Door lock systems such as **Assa Abloy, Onity, Dormakaba**

Exclusive VRF Integrations

Verdant seamlessly integrates with leading VRF manufacturers like **Daikin, Carrier, LG, Mitsubishi, Trane & more.**

Proven Savings

Estimated Energy Costs

Typical 100 room property

Verdant’s energy management system saves an average of USD \$18,000 per 100 room property in a year.



Without
Verdant EMS

\$90K



With
Verdant EMS

\$72K



Energy
Savings

\$18K



“Verdant’s smart thermostats give our hotel teams the tools and visibility they need to control energy, guest comfort, and mechanical performance all in one seamless dashboard...”

- Jared Flagg



“One of the things we really appreciate about Verdant is the system’s capability for reporting. We receive monthly reports that quantify the energy savings at each of our properties...”

- Tiffany Evans



“Verdant is a good investment for companies that want to reduce their footprint.”

- Don Bakes



Billions of kWh are wasted annually on heating and cooling empty rooms, yet guest comfort remains key with Verdant. By installing our system, not only do you save costs, but you also reduce carbon emissions, aligning and delivering impactful ESG reports. Join us in a sustainable future where every dollar saved contributes to a greener operation.

Trusted by thousands of hospitality owners and operators. Verdant's energy management thermostats combine smart occupancy sensors with patented software to reduce HVAC energy consumption and achieve sustainability goals.



Installed in

12,000 Properties

globally



45+ Years

of expertise



Plug & Play

solution

Verdant Smart Energy Management Thermostats



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