



**HONEYWELL  
FORGE**

# **REACHING NET-ZERO IN COMMERCIAL REAL ESTATE**

Put Your Portfolio Sustainability on Autopilot  
with Honeywell Forge Energy Optimization



# UP TO 10% HVAC ENERGY SAVINGS WITH HANDS-OFF OPTIMIZATION

## AUTONOMOUS ENERGY MANAGEMENT WITH A BRAIN

The challenge is growing. Building owners and operators are being asked to reduce energy consumption and carbon emissions to net-zero levels. But older buildings with legacy systems can be difficult to retrofit and traditional strategies to boost efficiency are often complex and insufficient.

The modern portfolio manager needs to improve performance across every site, with visibility into their sustainability KPIs from anywhere. It's time to harness the power of machine learning so you can:

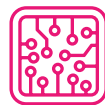
- Stop managing energy in silos
- Gain visibility across your fleet
- Modernize the sustainability of your real estate portfolio from the top down

With Honeywell Forge Energy Optimization, you can easily connect all your buildings to the intelligent cloud and improve portfolio sustainability through the power of data and autonomous control.\* The solution monitors and analyzes near-real-time conditions data (like weather and occupancy) for every site and continuously adjusts HVAC set points to maintain peak efficiency around the clock – without sacrificing occupant comfort levels.

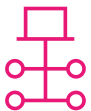
## WELCOME TO AUTONOMOUS ENERGY MANAGEMENT – AT SCALE.



Autonomous control takes the “management” out of energy management\*\*



Machine Learning calculates optimal set-points every 15 minutes – faster and more accurately than any human team



System-agnostic connectivity to your BMS enables simple



Energy and Comfort dashboards deliver portfolio and site-level KPIs from anywhere – on any device



Learns and adapts based on site level data like weather, occupancy, utility prices and more

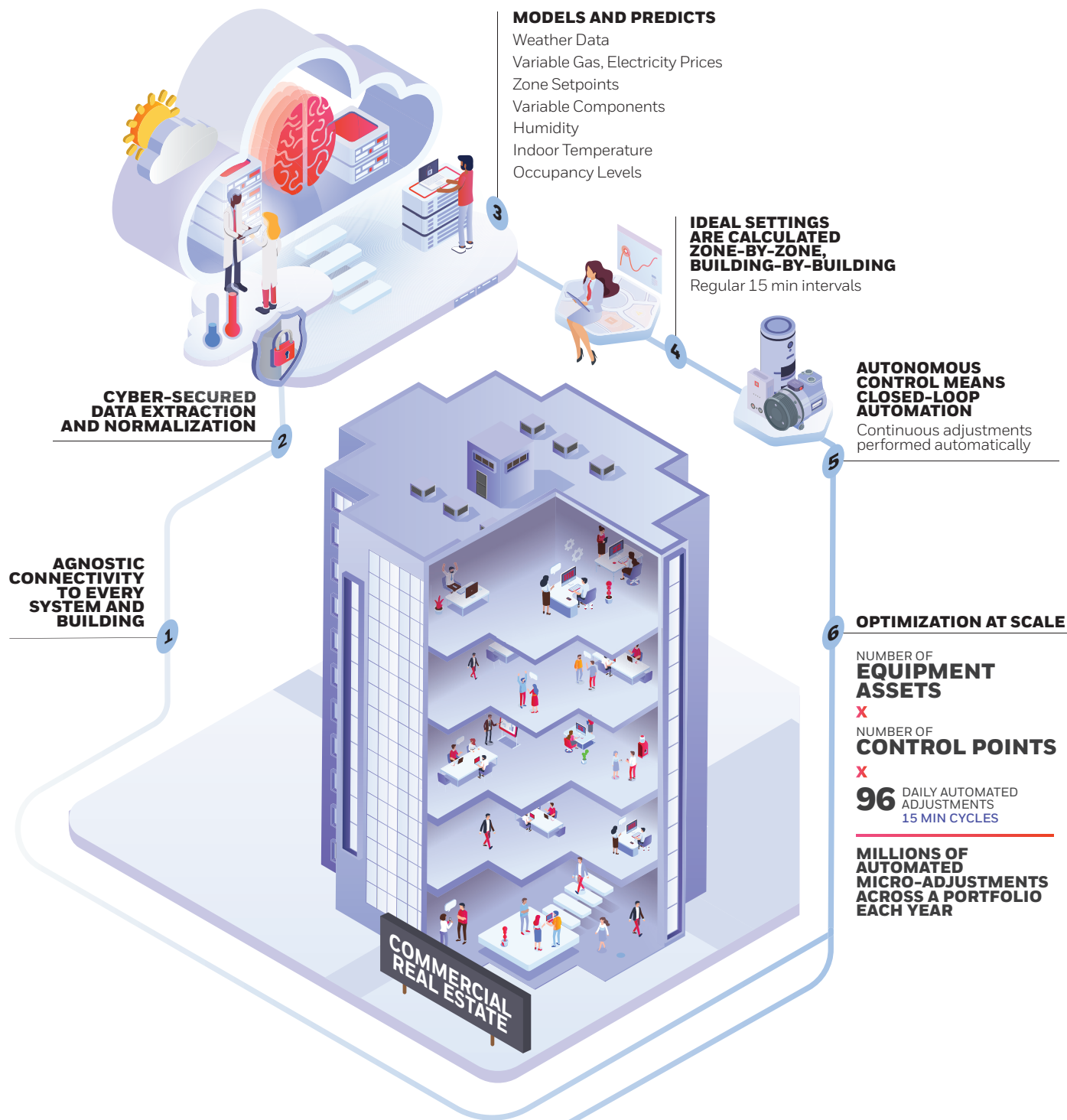


Built-in safety features ensure your HVAC system is always controlled, even during unexpected disturbances.

\*Based on findings from implementations of Honeywell Forge Energy Optimization at various customer sites over a 6+ month timeline. Depending on equipment type, typical customers achieved an average of up to 10% savings after 3 months of deploying Honeywell Forge Energy Optimization. Results may vary. Past performance is not indicative of future results and Honeywell does not guarantee associated energy savings.

\*\*Based off predefined set-points set by the customer

AUTONOMOUS SUSTAINABILITY IN ACTION



BENEFITS

- Increased Energy Savings
- Reduced Carbon Emissions
- Continuous Learning, Continuous Improvement
- Occupant Comfort is Maintained
- Zero Rip and Replace
- Zero Human Intervention
- Zero Process Changes

Energy Optimization in Commercial Real Estate

# THE HONEYWELL SUSTAINABILITY PLEDGE

## Reaching Carbon Neutrality by 2035

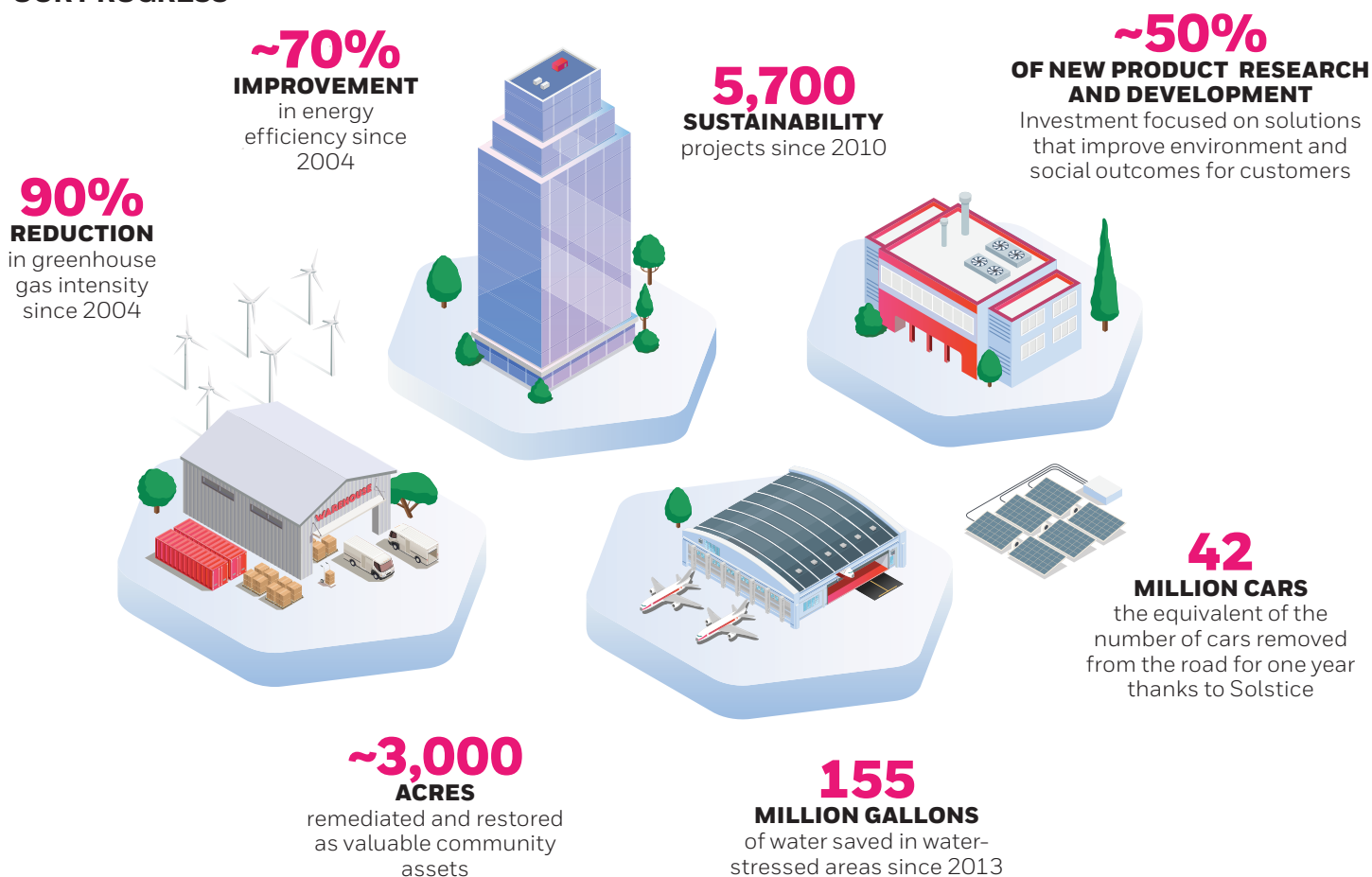
At Honeywell, we have pledged to be carbon neutral in all our facilities and operations by 2035. We are building on enormous progress made over the last two decades, which has already reduced our greenhouse gas intensity by more than 90%.

As a global corporate leader in sustainability, we are accelerating our activities and will:

- complete even more energy savings projects,
- convert to renewable energy sources,
- complete capital improvement projects at our sites,
- electrify our fleet of company vehicles
- use credible carbon offsets.

Even more impactfully, we will continue to develop and deploy innovative solutions like Honeywell Forge Energy Optimization to help our customers achieve their own sustainability goals.

### OUR PROGRESS



**“HONEYWELL HAS A LONG HISTORY OF IMPROVING OUR OWN ENVIRONMENTAL AND SUSTAINABILITY PROFILE WHILE PROVIDING INNOVATIVE PRODUCTS AND SERVICES THAT IMPROVE OUR CUSTOMERS’ PROFILES AS WELL. WE WILL CONTINUE TO INVEST IN OUR PLANTS AND IN NEW TECHNOLOGIES THAT WILL REDUCE OUR CARBON FOOTPRINT AND CONTRIBUTE SIGNIFICANTLY TO GLOBAL EFFORTS TO MITIGATE CLIMATE CHANGE.”**

**Darius Adamczyk**  
Chairman and CEO,  
Honeywell

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## Honeywell Connected Enterprise

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IS  
WHAT  
WE  
MAKE IT**

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