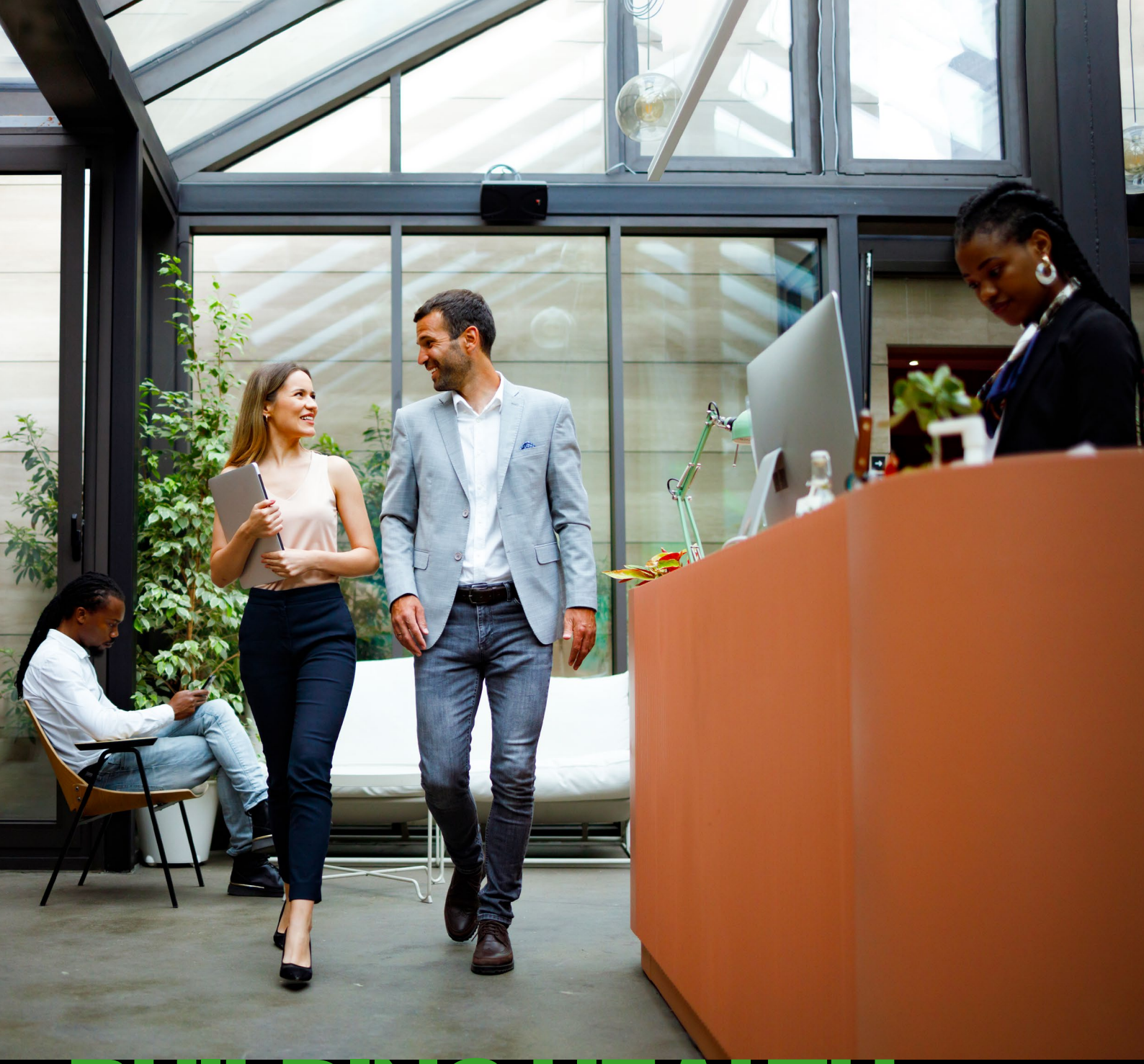


BUILDING HEALTH OR EFFICIENCY? CHOOSE BOTH

Proactively optimize your building in real time to provide a healthier indoor environment – at the lowest energy cost

Honeywell Intelligent Building Optimization

Honeywell

HONEYWELL INTELLIGENT BUILDING OPTIMIZATION

Sustainability is not a buzzword. It's now a priority for many stakeholders around the world.

Supporting the well-being of the people in your building is important, but it shouldn't interfere with sustainability efforts. You don't have to choose between a building that's either healthier or more sustainable. Achieve both – with a cost-effective service that can dynamically optimize indoor air quality at the lowest energy use.

ONE PLATFORM TO DRIVE SUSTAINABILITY ACROSS YOUR BUILDING PORTFOLIO

Intelligent Building Optimization is part of the Honeywell Buildings Sustainability Manager, powered by Honeywell Forge. Buildings Sustainability Manager is a ready-now autonomous controls platform, with a suite of applications to help customers address two pressing, yet often conflicting objectives: optimizing indoor air quality and reducing the environmental impact of buildings with the aim of improving carbon-reduction goals.

The scalable, system-agnostic platform leverages the Honeywell Forge enterprise performance management software's artificial intelligence (AI) and machine learning (ML) algorithms to help customers meet their sustainability goals.

OPTIMIZE SYSTEMS TO MEET DESIRED OUTCOMES

Intelligent Building Optimization ends the choice between sustainability goals or an optimal indoor environment. It enables you to have both.

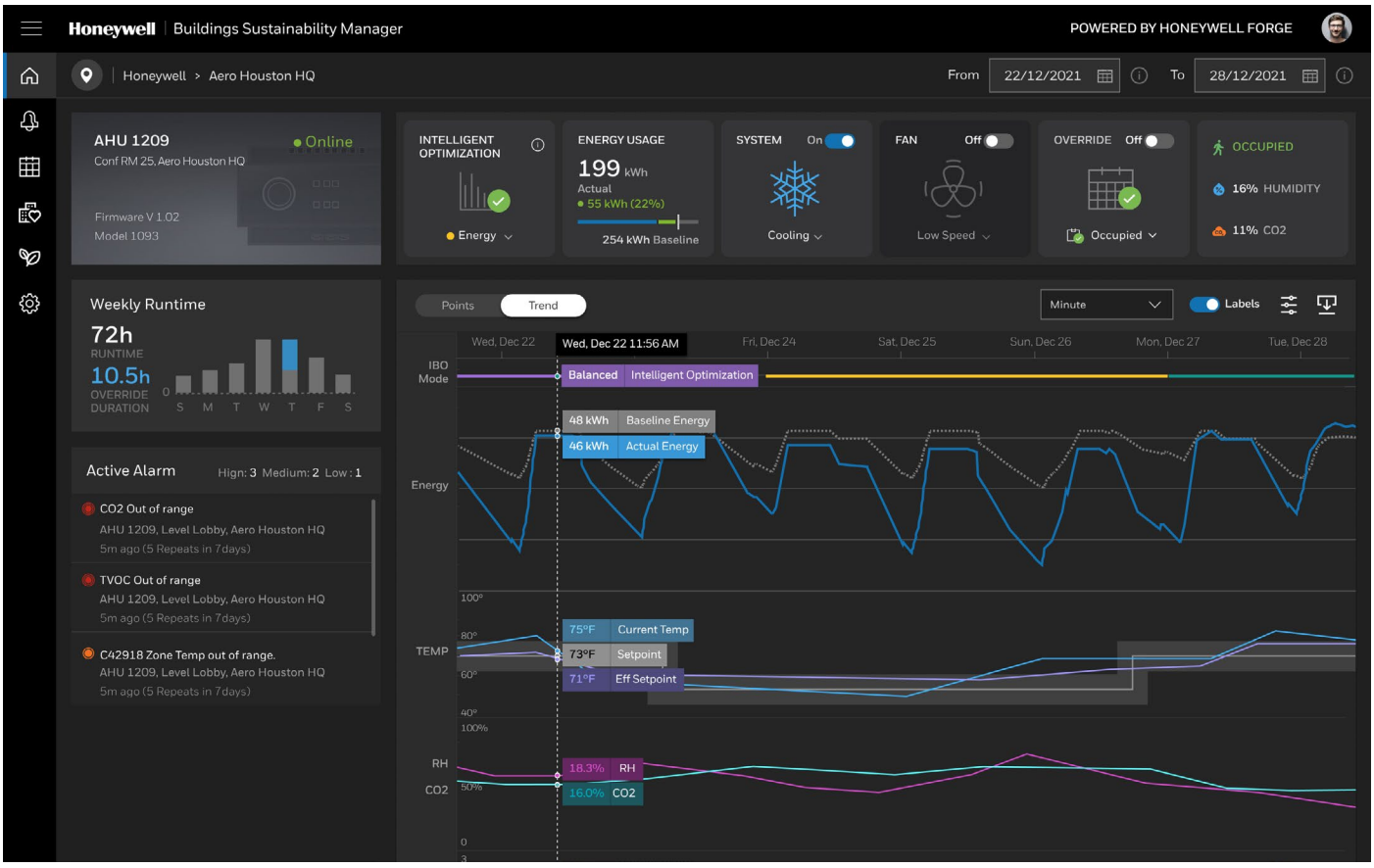
The application collects and analyzes real-time sensor data on occupancy, activity levels and indoor air quality (IAQ) parameters along with weather conditions, temperature, humidity and pollution levels. Then it optimizes the HVAC system to reach the desired outcome.

- Uses machine learning (ML) and artificial intelligence (AI) algorithms to analyze historical and real-time weather data, HVAC data and IAQ parameters, and then autonomously adjusts systems to meet desired parameters
- Improves HVAC energy use, both airside and waterside
- Optimizes energy-intensive assets such as chillers, boilers, fans, pumps, air-handling units, lighting and more
- Reduces the need for manual intervention
- Extends asset performance and lifecycle

CHOOSE YOUR MODE

Intelligent Building Optimization gives you the flexibility to set the mode you prefer for optimal facility operations

WELL-BEING: Maximizes fresh air intake based on available capacity of the HVAC system to support occupant well-being	Ideal for high-occupancy periods, sensitive populations or applications
BALANCED: Maintains optimal air changes to create IAQ levels that support occupant performance and productivity, without wasting energy	Ideal for standard daily occupancy
ENERGY: Maximizes energy conservation across all systems while maintaining acceptable levels of IAQ, per the RESET™ Air Standard for Commercial Interiors v2.0	Ideal for low-occupancy periods, off-season or holiday shutdowns
AUTONOMOUS: Changes modes intelligently as needed based on current occupancy in each zone	Ideal for dynamically achieving occupant well-being and energy goals



Transform sustainability goals into action

hwll.co/SustainableBuildings

Honeywell Building Technologies
715 Peachtree St NE
Atlanta, Georgia 30308
buildings.honeywell.com

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