THE WORLD'S FIRST AUTONOMOUS HVAC TECHNOLOGY

- Connects directly to a building's HVAC (heating, ventilation, and air conditioning) system
- Transforms HVAC systems from reactive to preemptive or "self-driving"
- Utilizes existing data from building systems (e.g. BMS, access control systems) and thirdparty sources (e.g. weather, occupancy) to drive decision-making
- Autonomously drives a building's HVAC system by directly writing back to the controller in real-time, no human intervention required
- Makes decisions based on advanced deep learning models
- Reduces number of service calls and increases
 NOI
- SaaS-based \$/sq. ft. pricing model

BrainBox AI employs the same technology used in self-driving cars to create autonomous HVAC in buildings

Our projects have consistently delivered significant and impactful results:



Up to 25% reduction in total

energy costs*

60%

improvement in occupant comfort*



3 months

to net positive cash flow*

BrainBox AI has been successfully implemented in a variety of buildings including:



Office Buildings



Commercial Retail



Grocery Stores



Multi-Residential



Data Centers



Hotels



Airports

Our fully autonomous self-adaptive AI allows you to move from reactive to preemptive HVAC operations management in 4 simple steps:





The BrainBox connects in 2-3 hours

Minimal customer onboarding time required



STEP 2 Getting Acquainted

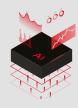
For 6-8 weeks the AI learns the building's specific operating behavior & creates a unique building energy profile



STEP 3 Optimizing Flow

AI continues to learn & adapt to changes in the building

Dashboard provides insights on AI operation



STEP 4 Continuous **Improvement**

Data continues to be analyzed & monitored to ensure optimal performance

OUR ADVANTAGES



CONTROL SYSTEM AGNOSTIC

(Honeywell, Johnson Controls, Schneider, Siemens, etc.)



PATENT PENDING TECHNOLOGY



NO SENSOR DEPLOYMENT REQUIRED



DASHBOARD VISIBILITY

(Cloud-based portfolio and building-level reporting)

OUR RESEARCH PARTNERS













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