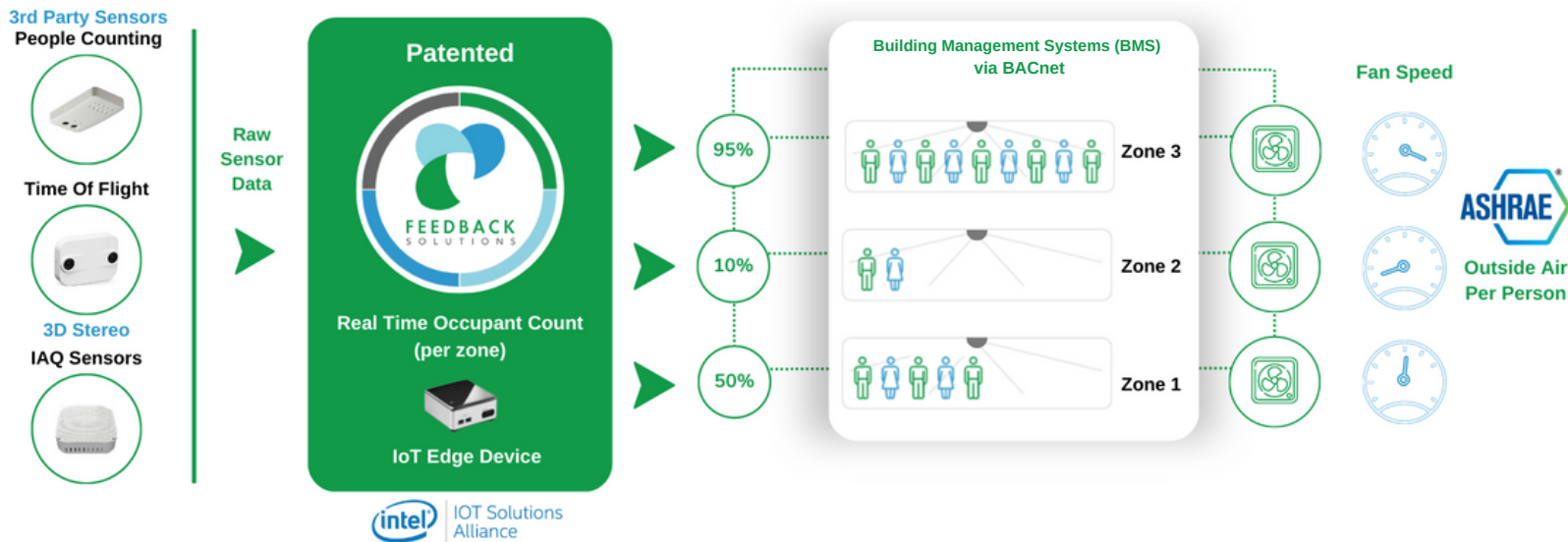


# Occupancy Intelligence for Energy Savings

## How Does It Work?

Feedback Solutions offers a new strategy for Demand Control Ventilation in buildings using **real-time occupant counts**. We leverage best-in-class, 3rd party people counting sensors with our patented technology platform to continuously calculate highly accurate, real-time occupant counts within each HVAC zone in a building. This data is then communicated via BACnet/IP, (sent as an analog input value to the BMS or DDC) so that ventilation requirements are optimized seamlessly based on actual occupant demand.



Full BMS Integrations with:

SIEMENS

Honeywell

TRIDIUM

Johnson Controls

Automated Logic

Feedback works with the clients' BMS supplier to define a new sequence of operations to modulate the fan speeds and damper positions to supply the required amount of outdoor air based on the actual ventilation requirement. These real-time adjustments reduce HVAC-related energy consumption by as much as 40%, significantly reducing GHG emissions and resulting in less wear and tear on critical HVAC equipment. This is achieved while meeting important ASHRAE guidelines and ensuring required Indoor Air Quality (IAQ). This immediately deployable solution takes the pressure off of the need to complete deep retrofits to meet pressing GHG reduction targets.



Reduce Energy Consumption



Lower Operating Costs



GHG Emission Reduction



Track Space Utilization



Reduce Equipment Wear & Tear



Optimize IAQ



Low CapEx



Ease of Implementation

**“This solution is proven out. It will continue to produce significant energy savings, is scalable, and requires no maintenance or major retrofit.”**

– Senior Energy Manager, NYU