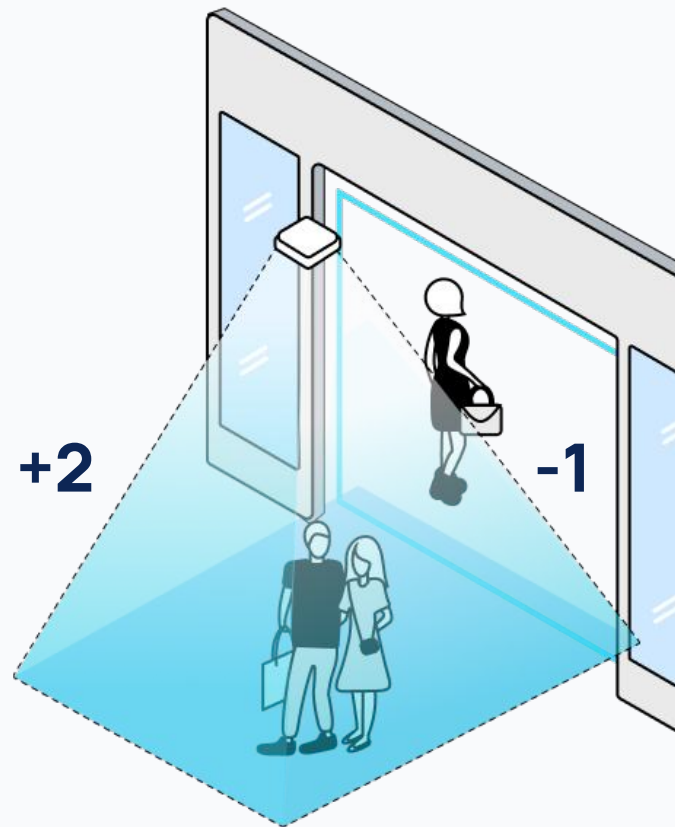# Entry/Exit Counting to capture utilization data across the entire real estate portfolio
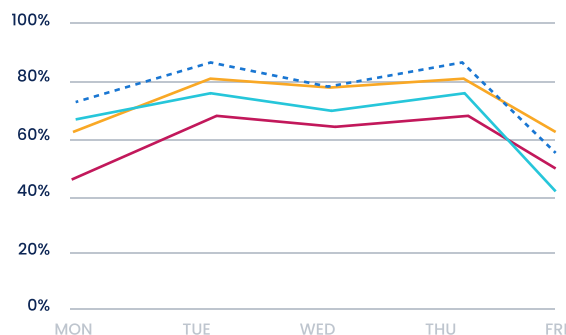
R-Zero provides bidirectional people counting technology for the entry/exit points within spaces.

This data enables building owners, operators, facility and energy managers, and tenants, to accurately capture real-time occupancy and analyze utilization data over time.

+2   **-1**

Utilization by Floor
How busy are our floors?

	MON	TUE	WED	THU	FRI
100%
80%
60%
40%
20%
0%

Occupation by Day
How do occupants vary across the week?

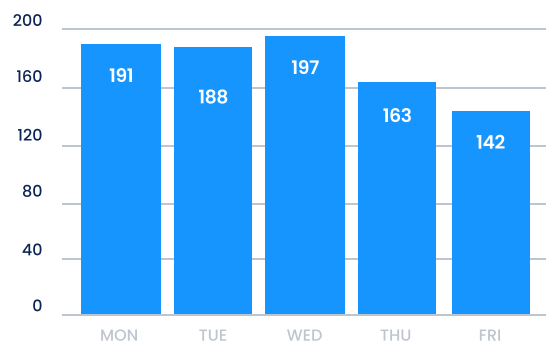| MON	TUE	WED	THU	FRI
191	188	197	163	142

200
160
120
80
40
0

Analyze & Trend Data for Predictive Analysis

Monitoring the continuous flow of people in and out of spaces provides utilization insights that will improve strategic decision-making.

Optimize for Efficiency with Real-Time Data

Understanding the actual usage of your space helps identify operational efficiency and energy savings opportunities at the floor, building, or portfolio level.
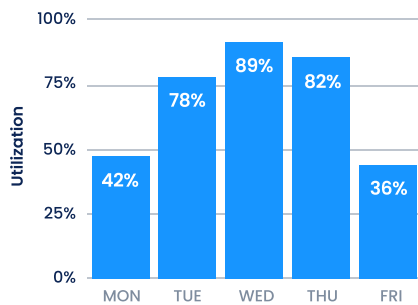
Entry/Exit Counter

Counters are intelligent, battery powered, people counting sensors that use on-device AI for people and object detection, while also reporting temperature and humidity for fault detection and comfort analysis.
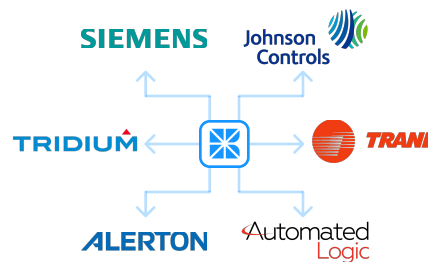
- Entry/Exit Counting
- Temperature & Humidity reads
- 3.5 x 3.5 x 1 inches
- PIR, RGB optical sensor with on-board AI/ML processing

- 6+ month battery life or hard wired available
- Ceiling or wall mount
- Low-power Bluetooth beacon to R-Zero hub

R-Zero integrates with your BMS to control ventilation based on real-time people count data
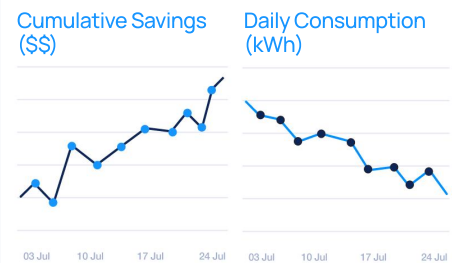
With occupancy-based ventilation controls (O-DCV) you can automate HVAC controls based on the real-time presence and people count in a space. Using this method, the HVAC system efficiently delivers the appropriate amount of fresh air required to maintain optimal indoor air quality (IAQ) and comfort, while reducing energy costs and carbon.

Accurately track real-time occupancy in each HVAC zone

Right size ventilation to occupant count through our BMS integrations.

SIEMENS · Johnson Controls · TRIDIUM · TRANE · ALERTON · Automated Logic

Capture energy use data to report on kWh saved & CO2 reduced.

Cumulative Savings ($$)

Daily Consumption (kWh)

Privacy and Security with R-Zero

- SOC2 Type 1 certified
- Engineered to integrate with your BMS via BACnet for on-prem controls vs cloud based controls to reduce cybersecurity threats.
- Data stays within your country or region, enabling R-Zero to comply with advanced privacy regulations like GDPR in the EU.

- R-Zero counting sensors process images directly on the device, ensuring they cannot be intercepted by external parties.
- Entry/Exit Counters do not capture personally identifiable information (PII). Our End User License Agreement (EULA) prohibits users from entering PII as metadata to protect worker privacy.

Learn more at rzero.com

SOC 2 Type I
TESTED & ATTESTED BY
PRESCENT