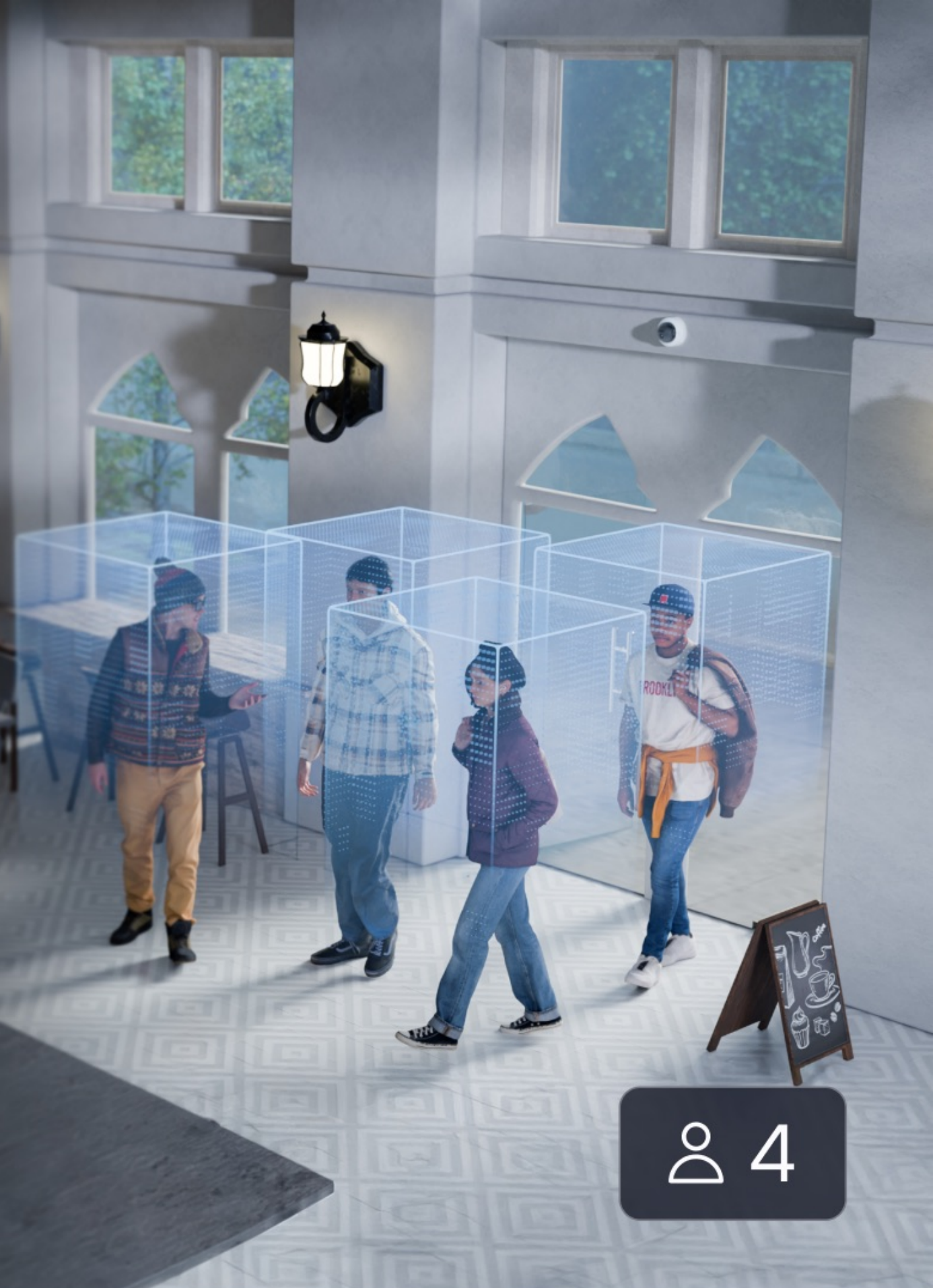# Lumana

# Occupancy Counting

**Real-time people counting and live occupancy dashboards**

Lumana's AI-powered occupancy counting delivers precise, real-time visibility into how people move through any space. Using existing IP cameras, Lumana analyzes entries, exits, and dwell times with sub-second speed, providing live occupancy dashboards, threshold alerts, and operational analytics. From retail environments to large public venues, Lumana helps teams make faster, data-driven decisions about staffing, safety, and experience.

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## How it works

### ① Connect

Use the IP cameras you already have—no rip and replace. Setup is quick and consistent across every site.

### ② Calibrate

Click to quickly mark entrances and areas, then set alerts. Configuration takes seconds and is easy to update.
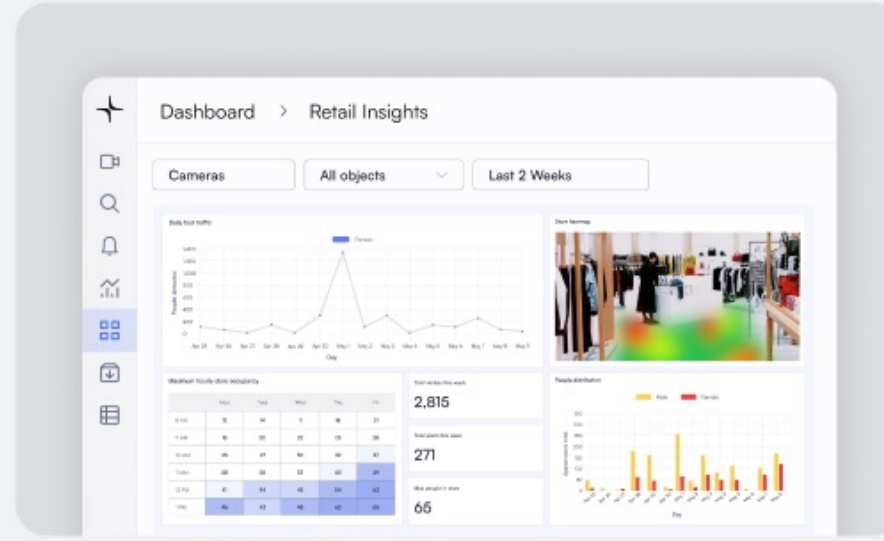
### ③ Go Live

Monitoring begins immediately with live alerts and dashboards. Teams get real-time visibility and insights from day one.

# Key benefits



### Real-time people counting
Detect entries, exits, and occupancy flow with up to 99% precision to optimize staffing and reduce queues.



### Live occupancy dashboards
See real-time occupancy by zone, floor, or site; spot bottlenecks to improve guest flow and layout.



### Threshold-based alerts
Automatically notify staff when capacity nears or exceeds limits, supporting safety and compliance.

# Proven performance at scale



## Large multi-day conference deployment

With 50,000+ attendees spread across multiple venues for one of the world's largest software and AI conferences, Lumana monitored occupancy and high-priority safety signals (brandished weapons, fights, and fires). Over three days, Lumana processed 3.4M+ detections with 99.99% object accuracy, enabling staff to act only on meaningful events and capture data to improve attendee experience and future planning.

| 3.4M | 99.99% |
|------|--------|
| Detections | Object accuracy |

## Jerusalem Day deployment

An annual holiday drawing peaks near 100,000 visitors required precise, always-on visibility to keep people safe and operations secure. At a venue with 14 entrances and a strict 16,000-person capacity, Lumana monitored every gate for live counts and flow management. Over three days, Lumana logged 160k+ entrances and exits at 99.5% counting accuracy to maintain safe crowd levels at all times.

| 99.5% | Real time |
|-------|-----------|
| Counting accuracy | Analytics |