SOLUTION SHEET · ANTI-TAILGATING SECURITY

One Badge, Two People Through the Door

An overhead camera counts everyone who crosses the threshold of a controlled door, gate or turnstile. When more people go through than should, CrowdSense raises an alert and sends it to your access control or your security provider.

The Card Reader Counts Badges, Not People

An access control system knows when a badge was presented. It does not know how many people walked through while the door was open. Backstage gates, accreditation points, staff entries and plant rooms are all held open for the person behind.

A camera over the doorway counts the people who actually cross. Compared with the badge events, or flagged when two people cross close together, it shows where tailgating happens and how often.

What It Adds to Your Access Control

Every crossing counted

A line across the threshold counts each person and the direction they went.

Tailgating flags

An event is raised when two people cross the line close together, for review.

Compare with badge events

Line crossings are available live over the API and webhooks, so your access control or integrator can match them with badge swipes.

Event recording

Record a short clip on your own PC when an event fires, so someone can check what happened.

Alerts to the right people

Send alerts by webhook to your access control, your security provider or your own tools.

Patterns by door and hour

Which doors are tailgated, and when, to target training, signage or door changes.

Watch a Door in Four Steps

01 **Install on a Windows PC**
Download CrowdSense Desktop and install it on a Windows 10, 11 or Server PC on the same network as your cameras, then sign in.

02 **Add your cameras**
Paste in each camera's RTSP address, find it over ONVIF, or plug in a webcam. Choose the AI people profile.

03 **Draw the threshold line**
Draw a counting line across the doorway, and switch on event recording if you want clips to review.

04 **Send the alerts**
Connect the webhook to your access control or security provider so each alert reaches the people who respond.

Camera set-up

- Mount the camera overhead, looking straight down at the doorway (0°). People stay separate when seen from above.
- A person needs to fill at least 3% of the frame's width. If they look tiny on screen, zoom in or move the camera closer.
- Put the line just past the door, where everyone who comes through must cross it, and keep the swing of the door out of the line.
- Keep the doorway evenly lit, day and night.

Who Watches Their Doors

Event production and accreditation
Backstage, artist and production gates where one pass is meant to mean one person.

Stadiums and venues
Staff, service and restricted entries alongside the venue's access control.

Offices and data rooms
Controlled doors and turnstiles, with patterns to show where tailgating happens.

Security integrators
Line crossing events over webhooks, ready to combine with the access control they install.

Privacy

CrowdSense Desktop analyses the video on the Windows PC it is installed on. What reaches the portal is text: a line was crossed, a zone filled, a queue grew. No video and no images are uploaded, and nothing sent can identify a person.

The software detects people and vehicles so it can count them; it does not identify anyone. No facial recognition, no biometric identification of people. Ever. Your cameras, your recordings and your footage stay on your site, under your control.

Price

Event pass	Always-on	Free trial
$195	**From $39**	**14 days**
per feed, per event	a feed a month, yearly plan	up to 4 feeds

All prices in Australian dollars, excluding GST. One feed is one camera stream.

Questions

Does CrowdSense respond to alerts?
No. CrowdSense raises the alert and sends it to your access control, your own team or your licensed security provider. We do not monitor sites or respond to alarms.

Does it replace security staff?
No. It is not a security system and does not replace guards or access control. It adds a count of people at the door so the people responsible can act.

Can it work with our access control system?
Yes, through webhooks and the REST API. Your access control provider or integrator matches line crossings with badge events and decides what happens next.

Does it identify who tailgated?
No. It counts people crossing a line. If you keep event recordings, they stay on your own PC and are handled under your own policies.

What camera do I need?
Any RTSP camera mounted overhead at the door, with people at least 3% of the frame width.

Try it free for 14 days on your own cameras
crowdsense.events/desktop/start · Online: crowdsense.events/video-analytics/anti-tailgating