SOLUTION SHEET · ON-PREMISE & PRIVATE AI

Your Cameras, Your PC, Your Video. Only the Numbers Leave.

CrowdSense Desktop runs the AI on a Windows PC or server inside your network. The video is analysed there and stays there; the portal receives anonymous counts and events, nothing else.

Cloud Video Analytics Means Sending Video Somewhere

Many analytics services work by streaming camera footage to a data centre. For a council, a hospital, a school or a venue with a privacy policy to keep, that is often where the conversation ends: footage of the public leaves the site and someone else holds it.

CrowdSense Desktop does the analysis on hardware you own, on your network. What leaves is text: a line crossed, a zone joined, a count. The footage stays where it was recorded.

Private by Design, Useful Anyway

Analysis on your hardware

The AI models run on your Windows PC or server, next to your cameras.

Text, not video

Only anonymous events and counts are sent to the portal. No video and no images are uploaded.

Low bandwidth

Because only text is sent, a modest internet connection is enough. No video upload means no video upload bill.

Every analytic, locally

People, vehicles, queues, occupancy, zones, loitering, heatmaps and tracks, all computed on site.

A full portal anyway

Dashboards, custom reports, alerts, widgets, unlimited users with roles and multi-site views.

Your recordings stay yours

Scheduled and event recording is kept on your own PC, under your own retention rules.

Private Analytics 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 detection profile that fits each camera: people, vehicles and people, or faces.

03 **Draw lines and zones**
Draw the lines and zones each camera needs. All the video analysis happens on the PC.

04 **Use the events**
Counts and events reach the portal, the REST API and your webhooks. The video does not.

Camera set-up

- Windows 10, 11 or Server, 64-bit, with a CPU that supports AVX2. AI profiles will not run without it.
- As a guide: an i3 with 8 GB runs about 3 to 6 AI feeds, an i5 with 16 GB about 5 to 10, an i7 with 32 GB about 7 to 15, and an i9 with 64 GB and a GeForce RTX card 30 or more.
- Put the PC on the same network as the cameras. It needs an outbound internet connection to send events to the portal.
- One feed is one camera stream. Count your feeds before you size the PC: see the hardware guide.

Who Needs It to Stay On Site

Councils and government
Footfall and occupancy in public spaces without public footage leaving council systems.

Stadiums and major venues
Analytics on the venue's own camera network, under the venue's own policies.

Health and education
Patient flow, campus occupancy and queue data, with the video kept inside the network.

Events with strict terms
Promoters and sponsors who need measurement without a third party holding footage.

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

What exactly is sent to the cloud?
Text events and counts: for example, a line crossed in a direction at a time, a zone joined, an occupancy value. No video, no images and nothing that identifies a person.

Does it need internet?
Yes, an outbound connection, so the events reach the portal for dashboards, reports, the API and webhooks. Because it is text only, a modest connection is enough.

What PC do I need?
Windows 10, 11 or Server, 64-bit, with an AVX2 CPU. An i5 with 16 GB runs about 5 to 10 AI feeds. The hardware guide has the full table.

Can I use an existing server?
Yes, if it meets the requirements. Many sites run it on a PC or server they already have on the camera network.

Who keeps the recordings?
You do. Scheduled and event recordings are stored on your own PC, under your retention rules.

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