Sentra

SENTRA EXPLAINED

One screen for every camera, and software that watches it for you

Sentra is software that runs on one server: inside your own building, or on our infrastructure, operated by us. It connects to the cameras you already own, watches every frame, and tells you the few things that matter, instead of leaving hours of recorded footage for someone to go through afterwards.

There is no cloud subscription per camera and no AI licence per camera, because the analysis happens on the server rather than inside each device. A camera installed eight years ago is analysed exactly like a brand new one.

TWO WAYS TO RUN IT

- **On your premises.** One server with a graphics card, in your building or in your own data centre. We size it from the number of cameras, and nothing leaves your network.
- **On our infrastructure.** We host and operate the same software for you. Your cameras connect to it, your organisation has its own isolated space, and there is no server to buy or maintain.

The software, the pages and the rules about what is kept and for how long are identical in both cases. The choice is about who runs the machine.

WHAT YOU NEED TO PROVIDE

- **Your cameras.** Any camera or recorder that can be reached on the network. Brand and age do not matter.
- **A place to run it.** A server in your building, which we size for you, or nothing at all, if we host it.
- **Two answers.** What you want to be told about, and what you want to measure. The rest is configuration we do together.

HOW IT WORKS

From a camera you already own to an answer you can act on

Four steps, and only the first one involves anyone touching equipment. Everything after that happens on the server.

01 Connect what you already have

Cameras are added one at a time, or a whole recorder is added once and every camera behind it comes with it. Sensors are added the same way. No rewiring and nothing to replace.

02 The server watches every camera

People, vehicles, bags, animals and dumped waste are recognised and followed as they move, on every camera, without anyone watching a screen.

03 The watching produces answers

Visitor counts, how many people are inside now, which parking bays are free, who turned where at a junction, where people walked and stopped, plate reads, and a searchable record of it all.

04 People are told, and can prove it

Anything worth attention becomes an alert with a photo and a clip, on screen or on the phone. The same events export later as a branded report or as signed evidence.

The watching becomes automatic. People stop looking for events and start reviewing the ones that already arrived, with a photo and a clip attached.

WHAT IT DOES

The platform, page by page

Grouped the way they appear in the menu. Each page is a switch per organisation, and every person gets one role and only the cameras they need.

01 What an operator sees

I **DASHBOARD**

What needs a response, which cameras are online and how the day compares with a usual one, in a layout each person can arrange.

II **ALERTS**

One inbox for everything, each entry with a photo and a clip, on screen and on the phone. Each person chooses what reaches them.

III **LIVE CAMERAS AND VIDEOWALL**

Every camera in one grid, one camera close up with pan, tilt and zoom, and saved walls that open on any display with a browser.

IV **SENSORS**

For rooms where a camera is not acceptable: vaping, smoke, aggression, calls for help and air quality, with a nearby camera for context.

V **ACCESS CONTROL**

Plates read from ordinary cameras, a barrier that opens for the vehicles on your list, and a photo and a decision for every vehicle.

VI **MOBILE APP**

Alerts on the phone with a direct link to the alert or the camera, live video and acknowledgement from anywhere.

02 What the cameras can answer

I **AI SEARCH**

Find a person or a vehicle across every camera by example, by description or by colour, then follow them camera by camera.

II **RECORDINGS AND EVIDENCE**

Watch footage back, keep a range so it is never deleted, and export it as a signed package that anyone can verify.

III **COUNTING**

A line drawn with two clicks counts people or vehicles in and out, with a picture of every crossing and figures kept for years.

IV **HEATMAPS**

Where people and vehicles went and where they stopped, drawn over the camera picture for a day, a week or a season.

V **PARKING AND JUNCTIONS**

Bays drawn on the picture give free spaces per row, live. Arms drawn on a junction count vehicles from each approach to each exit.

VI **REPORTS AND AUDIT**

Branded reports emailed now or on a schedule, and a record of who viewed or changed what that nobody can edit.

03 Set up once, by the people who know the site

I **CAMERAS AND ZONES**

Add a camera, then draw the areas, lines, bays and arms on its picture. Recorders are added once and their channels come with them.

II **SITES**

Buildings and areas with their own time zone, so schedules, counters and reports read the right clock.

III **ORGANISATIONS, MODULES AND ROLES**

A tree under one installation, a switch per capability, and one role per person with the sites and cameras they may see.

QUESTIONS

What we are usually asked

We have cameras, but nobody watches them.

The watching becomes automatic. The operator no longer looks for events. They review events that already arrived with a photo and a clip attached, on the screen or on the phone.

Everything is connected to our old recorder.

Then we add the recorder, not the cameras. Its channels are imported in one operation and the existing installation is left exactly as it is.

Something happened yesterday and we cannot find it.

Search for the person or the vehicle instead of scrolling through footage, or ask the alert history in plain words, then follow them from camera to camera in time order. Minutes instead of an afternoon.

We need to know which vehicles come in.

Plate reading runs on the cameras you already have, with a photo behind every read, a list of permitted vehicles, and a barrier that opens for them.

Which parking spaces are free, and how many cars turn left?

Bays drawn on the car park camera give free spaces per row, live. Arms drawn on the junction camera count every vehicle from each approach to each exit.

Someone collapsed and nobody noticed for ten minutes.

A fall area raises a critical alert within seconds of someone lying on the ground, with the picture, and clears itself once the spot is empty again.

We have a problem in the school bathrooms.

A sensor covers the room instead of a camera. Vaping, smoke and aggression are detected with no image of anyone, and the corridor camera gives the context.

Do we have to buy a server?

No. Either we size one for your building, or we host Sentra for you and your cameras connect to it. The pages and the rules are the same in both cases.

We have to be able to prove what happened.

A branded report with numbered photo evidence, a signed evidence package that any browser can verify offline, and a separate record of who viewed or changed anything.

What about data protection?

Everything stays on your server or, when we host it, in your organisation’s own isolated space. Counts and heatmaps leave the engine only as totals, the person index is kept for days, not months, and rooms can be covered by sensors with no camera at all.

WHERE IT IS USED

The same platform, pointed at different problems

The platform answers very different questions depending on where the camera is pointed. A few examples of the work it usually does.

I

SHOPS AND SHOPPING CENTRES

Counting lines at the entrances give visitors per hour and per day, heatmaps show which displays pull traffic, and the car park camera reports free bays per row. Daily figures are kept for years, so this season is compared with the last one.

II

OFFICE BUILDINGS AND CAMPUSES

One console for the guard desk: a videowall for the live picture, alarm lines on the fence after hours, unattended bags in the lobby, plates at the barrier with a visitor list, free bays in the staff car park, and air quality in the shared spaces.

III

LOGISTICS YARDS AND FLEET DEPOTS

Every arrival at the gate becomes a plate record with a photo, bays drawn on the yard camera show which loading spaces are taken, and a search by vehicle colour and plate reconstructs an incident in minutes.

IV

SCHOOLS AND YOUTH CENTRES

Sensors cover bathrooms and changing rooms where cameras cannot go, with a corridor camera linked for context and air quality in the classrooms measured at the same time.

V

ROADS AND JUNCTIONS

Arms drawn on the junction camera count every vehicle from each approach to each exit, by class. A record from before and after a new traffic scheme comes from the same camera, ready for the traffic engineer.

VI

INDUSTRIAL AND REMOTE SITES

Remote sites run on the cameras already there. A fixed camera confirms presence after hours, a moving camera turns to the exact spot for a closer picture, and the alert reaches the staff on duty on the phone with a clip.

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Every camera you already own becomes a smart camera.

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