



FEATURE LIST

One Platform for Complete Security

A main server runs the site. Recorders sit out where the cameras are. Operators connect from any workstation. Analytics hardware watches the cameras you assign it. Everything below is what that gets you.

115 capabilities across 13 areas, and 4 machine roles from a single installer.

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01 How It Fits Together

The server, workstations and recorders all come from one installer. Pick the role at setup and it configures the machine for you, with no internet connection needed. Analytics runs on separate hardware alongside.

Main Server

The control room · Windows. The brain of the site. It holds the configuration and the database, talks to the cameras, runs the alarm rules and tells the recorders what to record. Everything else connects to it.

- Configuration, users and permissions for the whole site
- Runs the alarm and automation rules
- Directs recording across every recorder
- Keeps the entire site on one clock
- Can be paired with a standby that takes over if it's lost

Operator Clients

Any workstation on the network. What your operators actually use. Live cameras, playback, PTZ, maps and alarms, with every setting managed centrally, so a new workstation is ready the moment it connects.

- Up to 81 cameras on screen, across as many monitors as you have
- Replay many cameras together on one timeline
- Aim any camera on the site from your desk
- Floor plans, maps, tours and video wall control
- Dark, light or custom colours, and right-to-left languages

Remote Recorders

Out where the cameras are · Windows. Dedicated machines that record their own cameras to their own disks, placed close to the cameras so footage never crosses the site twice. Add more as you grow.

- Records its assigned cameras to local storage
- Record a camera to two recorders so a failure costs nothing
- Takes over and hands back automatically, filling the gap
- Ages footage from fast disks to bulk storage
- Mirrors to a second disk and switches over if one fails

AI Analytics Server

Optional · Linux · GPU hardware. Separate hardware that does the watching. It connects to the main server, takes the cameras you assign it, and sends detections back. Add more as you add cameras.

- Announces itself to the main server; an admin approves it in a click
- Assign specific cameras to specific analytics servers
- Detects people, vehicles and more inside zones you draw
- Follows the same person or vehicle between cameras
- Add servers as the camera count grows

02 The Platform

Every capability in the product, grouped by what it is for.

Live Video

- Up to 81 cameras on one screen, on as many screens as you have
- Standard grids or free-form layouts you design yourself
- Decoding runs on the graphics card, not the processor
- Big cells get full quality, small cells drop to the light stream
- Cameras open instantly – no black squares while they connect
- Under heavy load, picture rate drops before cameras disappear
- Offline cameras still show when they were last seen and recorded
- Camera name, time and status burned onto the picture, your way
- Put a web page in a cell, alongside the cameras
- Draw notes, arrows and shapes straight onto a camera view

Cameras & Devices

- Built-in support for Hikvision, Dahua, Axis and Provision-ISR
- ONVIF for everything else – the industry standard
- Finds cameras on the network by itself and sets them up
- Give it an address and a password; it works out the rest
- Use individual channels from an existing NVR
- Bulk edits, colour-coded groups, per-camera uptime history
- Reboot or test a camera remotely, without leaving your desk
- Every camera's clock is kept in step with the server automatically
- Network speakers, gate and sensor modules, and alarm panels too
- Publish a computer screen as though it were another camera

PTZ Control

- Any workstation can aim any camera – control lives on the server
- On-screen joystick, keyboard control, or one-click saved positions
- Drag a box on the picture and the camera aims and zooms there
- Speed matched to each camera head, so nothing over-swings
- Saved positions are stored on the camera itself, with real names
- Patrol routes with dwell times, and guard tours you can start and stop
- Run a route automatically during set hours of the week
- Two operators can't fight over the same camera

Recording

- Continuous, motion-triggered, scheduled or manual
- Dedicated recording machines placed where the cameras are
- Record one camera to two recorders – lose one, lose nothing
- Automatic takeover and hand-back, with the gap filled in
- Watches itself for stalled recording and restarts on its own
- Retention set globally, per camera, or by importance
- Age footage off fast disks onto bulk storage automatically
- Mirror to a second disk, and switch over if one fails
- Footage is encrypted on disk, and the keys can be rotated
- Every recording is signed, so tampering can be proven later

Playback & Export

- Many cameras replayed together, locked to one timeline
- Jump the whole group to the same moment in one click
- Play forwards or backwards, frame by frame or up to 16× speed
- Scrub the timeline and see the exact frame you're landing on
- A calendar showing which days and hours actually have footage
- Alarm markers sit on the timeline so you can jump between events
- AI detection boxes replay over the recorded picture
- Export a clip for any camera and date range – no quality loss
- Replay a saved layout inside the live grid, without leaving it
- Play back footage held on the camera or its own recorder

Alarms & Automation

- Build rules from one trigger or several that must happen together
- Triggers: motion, AI detections, gate and sensor contacts, panels
- Also time windows and commands sent in from other systems
- Actions: record, snapshot, sound an alert, switch an output
- Throw a camera, saved position or map onto a chosen screen
- Escalate automatically if nobody acknowledges in time
- Test a rule and see exactly what it would do before arming it
- Priority levels, acknowledge-all, and a heatmap of noisy cameras
- Trigger on how many people are in an area, above or below a number
- Play a message or tone through a network speaker

AI Video Analytics

- Draw a zone on the picture and watch only what matters
- Choose which objects count – people, vehicles, and more
- Trigger on how long something lingers, or which way it moves
- Boxes drawn live on the video, with a trail of where it's been
- A running gallery of every object detected, kept on the server
- Follow the same person or vehicle from camera to camera
- Search recorded footage for everywhere else that person appeared
- If an analytics server goes down, it raises a real alarm
- Some cameras can do the detecting themselves, with no extra server

People Counting & Occupancy

- A live count of how many people are inside each area
- Works with Axis VAPIX cameras, which do the counting on board
- Mark each counter as a way in, a way out, or both
- Raise an alarm when an area goes above or below a number
- Occupancy on any layout, monitor or video wall
- A live graph of people arriving and leaving over the last hour
- Counts reset on the schedule you set, or on demand
- Export hourly and daily figures to a spreadsheet

Maps & Situational Awareness

- Floor plans with markers that show live camera and alarm state
- Satellite, street, topographic and dark maps of the wider site
- Works with no internet – map tiles cached on site
- Floor plans positioned onto the map at their real location
- Layers and links so you can move between maps in one click
- Standard icon set, or upload your own
- Click a marker to open that camera
- An alarm centres the map on itself, and PTZ markers show where the camera is pointed

Layouts, Tours & Multi-Screen

- Save layouts with names and icons, and switch in one click
- Quick groups for the cameras you reach for most
- Tours that cycle cameras, positions and maps on their own
- Tell each physical monitor what to show when the client starts
- A video wall spanning a whole array of screens
- Push content onto any wall from an operator's desk
- Keyboard shortcuts you set yourself
- Dark, light or custom colours, and full right-to-left languages

Administration & Security

- Administrator, Operator and Viewer roles, enforced by the server
- Strong password protection with lockout after repeated failures
- Every login recorded, and sessions time out on their own
- See every connected workstation – and block one if you need to
- Logs from the server, every client and every recorder in one place
- An operator action trail alongside the technical logs
- Reusable checklists with permanent, exportable records
- The server keeps the whole estate, and every camera, on one clock

Staying Online

- A standby server kept continuously up to date with the primary
- The standby stays passive – no duplicate recordings or alarms
- Operators are told when to switch, and confirm it themselves
- A recovered server checks with its partner before taking over again
- Camera passwords keep working after a switchover
- Recorders and workstations find the server on their own
- They find it again by themselves if its address changes
- Warns you if a workstation's clock has drifted, and fixes it in a click

Installation & Licensing

- One installer – pick server, workstation or recorder at setup
- Sets up the Windows service and firewall for you
- Installs with no internet connection at all
- Your settings survive upgrades untouched
- Licensing works entirely offline – no activation server, ever
- Cameras you buy are yours to keep – licences don't expire
- Clear messages when you reach a limit, not silent failures
- Playback and export of footage you already have never stop working

03 Many Sites, One Control Room ON THE ROADMAP

Each site runs its own main server, so it keeps working even if the link to head office goes down. A control-room server will then pool those sites together. Operators get one place to watch cameras, take alarms and pull footage from every location, without waiting on any single site to answer.

What it will add

- Every site stays independent and keeps recording on its own
- One control room sees cameras and alarms from all of them
- Pull footage from any site without leaving your seat
- Add a site by pointing it at the control-room server