



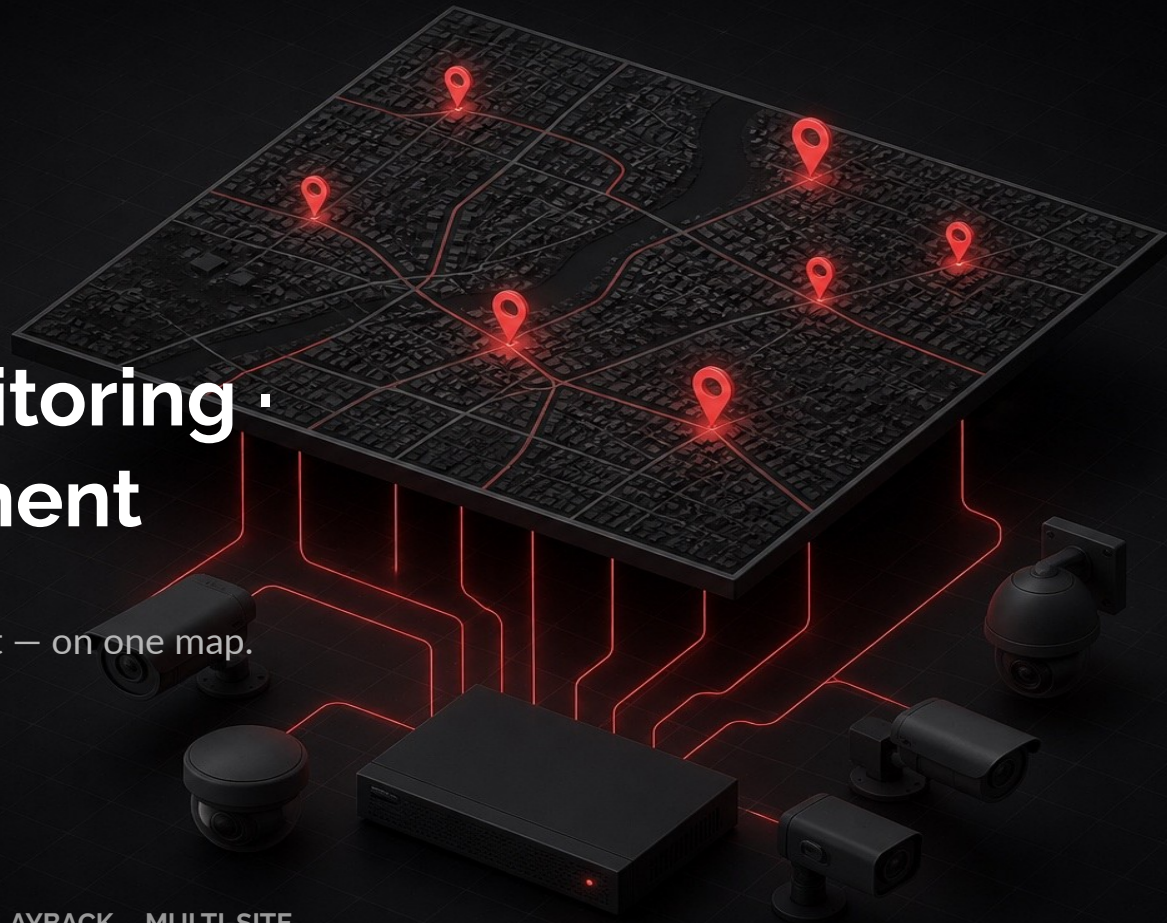
XMap

INTERACTION MAP SYSTEM

Integrated Monitoring · Event Management

Every camera, every site, every event — on one map.

ONVIF · RTSP 2D · 3D 1-5x5 WALL LIVE + PLAYBACK MULTI-SITE





Map-first software that lays over any VMS you already run.

XMap unifies mixed-brand NVRs and IP cameras into one map-first console: live walls, recorded playback, and an event layer that turns an alarm into a located response. A web-based platform that lays over any VMS — NX Witness is simply one of the systems it supports.



SOURCE

Any-brand VMS, NVR or IP cameras — NX Witness, LILIN, generic ONVIF / RTSP

CORE

XMap engine — Map View (2D/3D) + CMS monitoring wall + cross-cutting event layer

OUTPUT

Self-contained desktop app • embedded database • Windows / macOS / Linux

Why XMap

Most sites run several monitoring systems that never talk to each other.

Different brands, separate consoles, no shared picture — and when something happens, no sense of where. XMap collapses that into one spatial view.

What fragmented monitoring costs you

Several disconnected systems running side by side — and no single picture of what is happening, or where.



Disconnected systems, each in its own window

FRAGMENTED · Every brand, its own window

- Multiple brands of NVR / IP cameras, each with its own login and window.

NO OVERVIEW · Feeds, but no whole site

- You can see feeds, but not the whole site — and not where each camera is.

SLOW RESPONSE · Feed-by-feed hunting

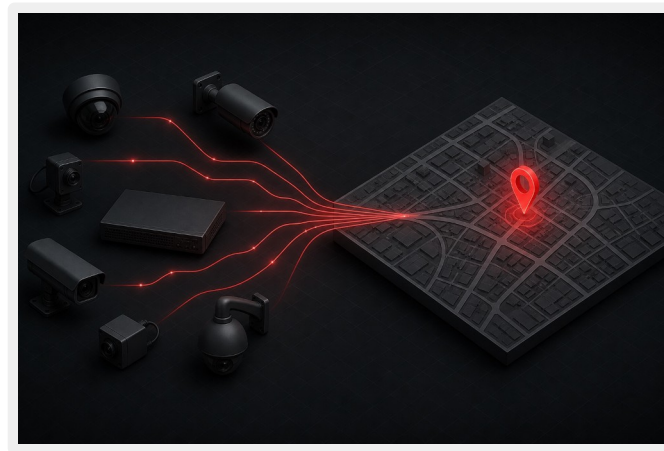
- Across floors and sites an incident means hunting feed by feed, losing minutes.

From fragmented sources to one event flow

The same cameras and recorders — brought under one spatial view, without replacing anything.

From many to one

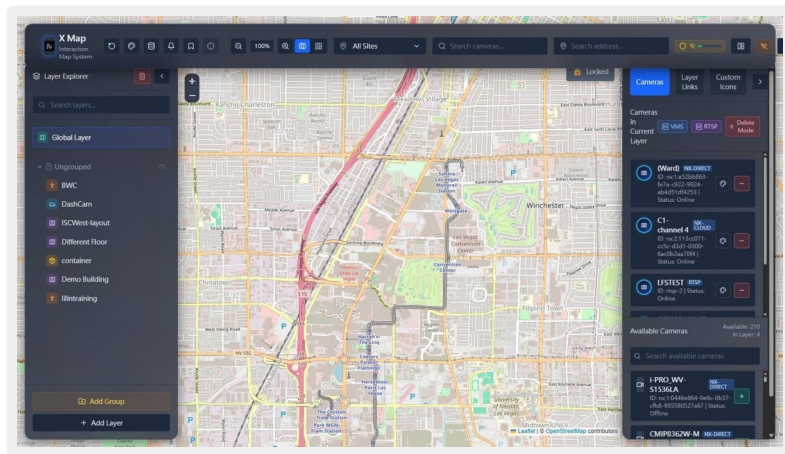
- Fragmented sources — mixed brands, separate consoles
- One map — every camera and site in one spatial view
- One wall — split monitoring, one click from the map
- One event flow — locate, guide, resolve, review



Works with NX Witness · LILIN · Dahua · Hikvision · ONVIF / RTSP

Start from a map, then drill into any space.

A global map gives the cross-site overview. Custom layers turn a floor plan, site plan or venue map into an interactive backdrop — cameras sit where they really are, and one click drills from campus to floor.



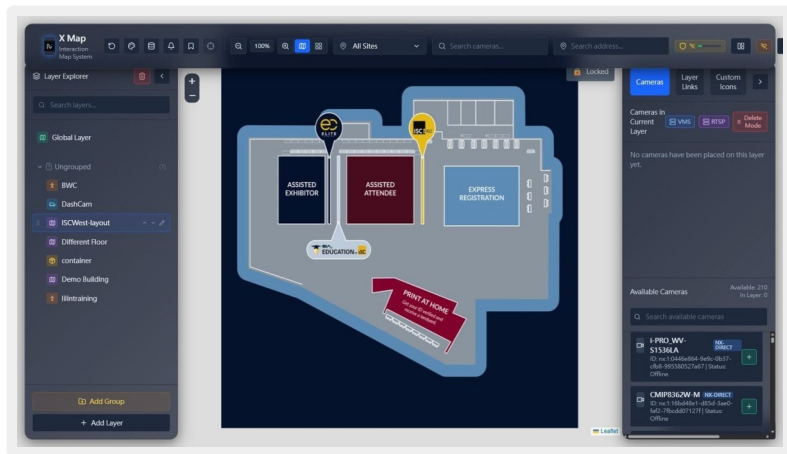
Global map — layer tree, multi-brand camera list, live status

Capabilities

- Global + custom layers — OpenStreetMap overview or your own uploaded plans
- Drill-down links — a marker jumps from one layer to the next
- Grouped layer tree — collapsible, drag-and-drop organisation
- Saved views — every layer remembers its own framing

Your floor plan becomes the map.

Upload a venue or building plan and place cameras, links and reacting points directly on it — the same interactions as the world map, on your own space.



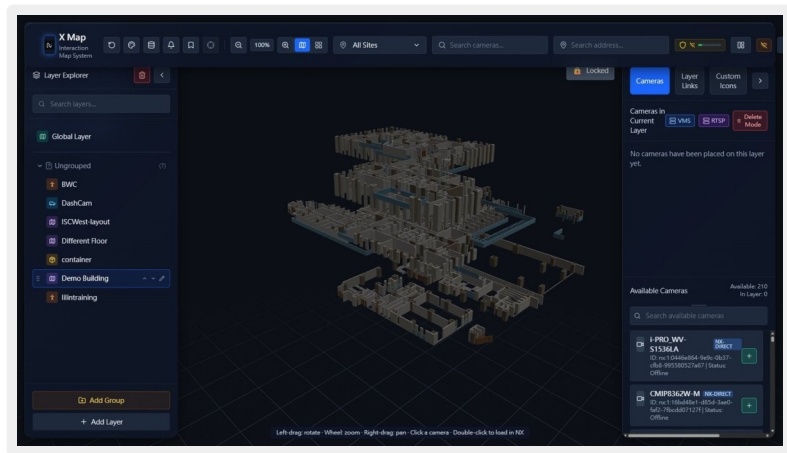
A venue plan as a custom layer, with placed drill-down markers

Capabilities

- Floor plans, site plans and venue maps as your basemap
- Place cameras, links and reacting points directly on the plan
- Same drill-down interactions as the world map
- Group and nest layers to match how the site is organised

Lift the plan into a building you can walk.

Load a real 3D model, show or isolate individual floors, orbit and lock top-down. Cameras live in true 3D space — so a viewer instantly reads which floor and which direction a feed covers.



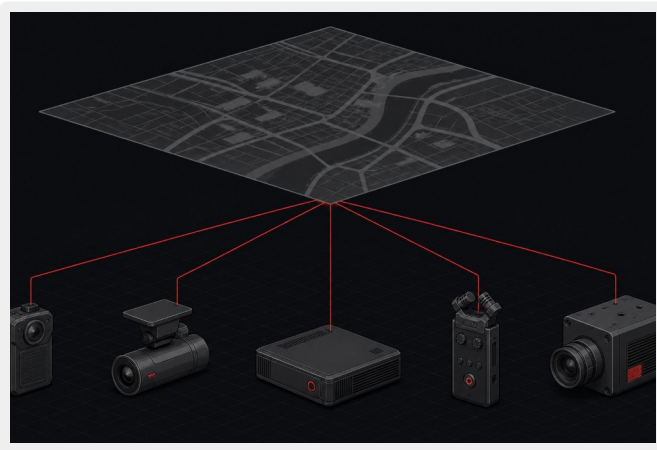
Exploded 3D floors — orbit, isolate a level, double-click a camera

Capabilities

- Multi-floor models — show, hide or explode floors
- Cameras in 3D — placed and oriented in real space
- Orbit · zoom · top-down lock — free spatial navigation
- Double-click to live — pull a feed straight from the model

Keep the NVRs you already run. XMap unifies them.

One camera list, one map, one wall — across brands, through a built-in streaming layer. New brands drop in without touching what already works.



Mixed-brand devices, unified onto one map

SYNC · Pull the camera list

- Import from the NVR; cameras that vanish from a sync are archived, never lost.

STREAM · Multi-brand live

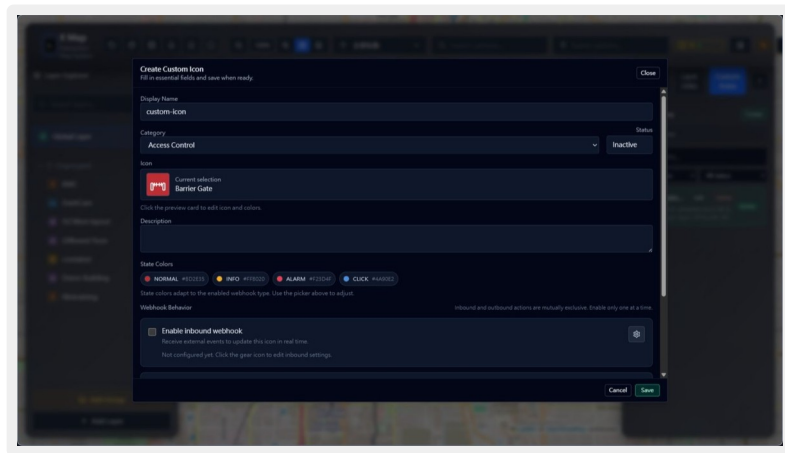
- NX Witness, LILIN and ONVIF / RTSP feeds in floating windows or wall cells.

PLACE · Put it on the map

- Drag a marker to its real spot; set colour and icon; double-click to open live.

Turn map icons into live sensors.

Custom icons carry state. Configure status colours and glyphs, then wire an inbound webhook so external events change an icon in real time — a normal point turns amber on info, flashes red on alarm, and can pop its linked camera.



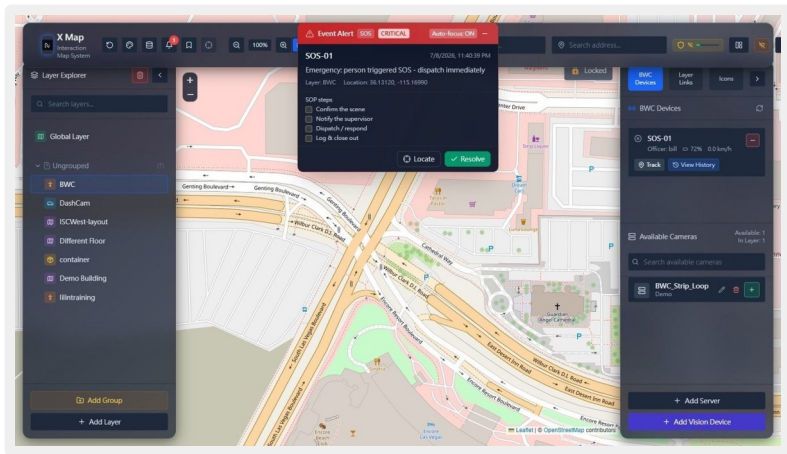
A sensor point flashes red on the map on alarm, and can pop its linked feed

Capabilities

- Status colours & glyphs — Normal / Info / Alarm / Click
- Inbound webhooks — external events drive the icon live
- Outbound webhooks — trigger an HTTP action on state change
- Rate limits & logs — flood protection with a full event trail

An alarm becomes a located, guided response.

A cross-cutting event layer runs across the whole system. Critical events raise a banner and auto-focus the map to the incident; a step-by-step SOP checklist guides the operator; every event keeps a handling trail — and jumps straight to the recording at the moment it happened.



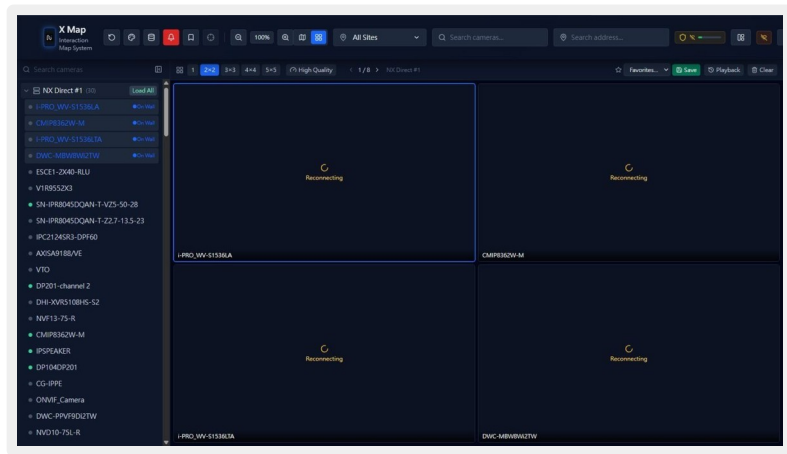
A live SOS — red alarm banner, map auto-focus to the incident, SOP checklist

Capabilities

- SOS banner + map auto-focus — the screen goes to the incident
- Severity grading — critical reads red at a glance
- SOP checklist — persisted, step-by-step handling
- Alarm / Info / Done — triage, search, batch-handle, audit

A split wall, one click from the map.

Switch from map to wall instantly. Grids from a single feed up to 5×5, a device tree grouped by NVR, drag a camera to a cell or load a whole NVR at once, double-click to zoom, and toggle main / sub stream. Save a favourite layout and set it as default.



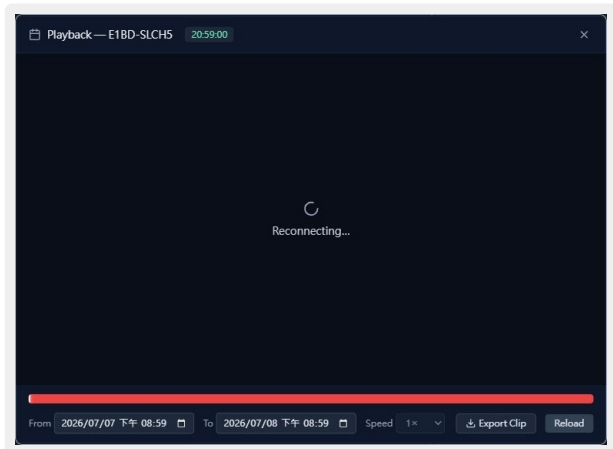
2×2 wall with the NVR device tree; cells are real live video

Capabilities

- 1 / 2×2 / 3×3 / 4×4 / 5×5 — layouts for any wall
- Device tree by NVR — collapsible, resizable, live status
- Saved views — recall a favourite grid in one click
- Main / sub stream — bandwidth-aware, auto-fallback

Review recordings without leaving XMap.

Open recorded playback straight from a wall cell or an event. A red timeline shows recorded segments; scrub the seekbar, resume after a drop, and export a clip to MP4 — all over the same streaming pipeline as live, so there is nothing new to deploy.



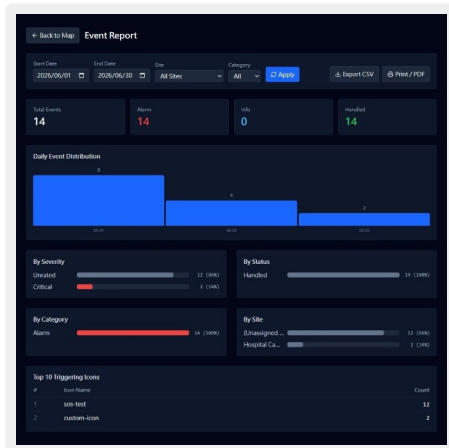
Capabilities

- Recorded timeline — red segments show what exists
- Seek & resume — scrub, snap to the next segment
- Export clip — pull an MP4 of any range
- Event → playback — jump to the moment it happened

Real NX archive — red bar = recorded footage; From / To, Speed, Export Clip

Close the loop with numbers.

Aggregate events by severity, category, site and date over any range, with a daily distribution and the busiest sources ranked. Export to CSV or print to PDF for records and review.



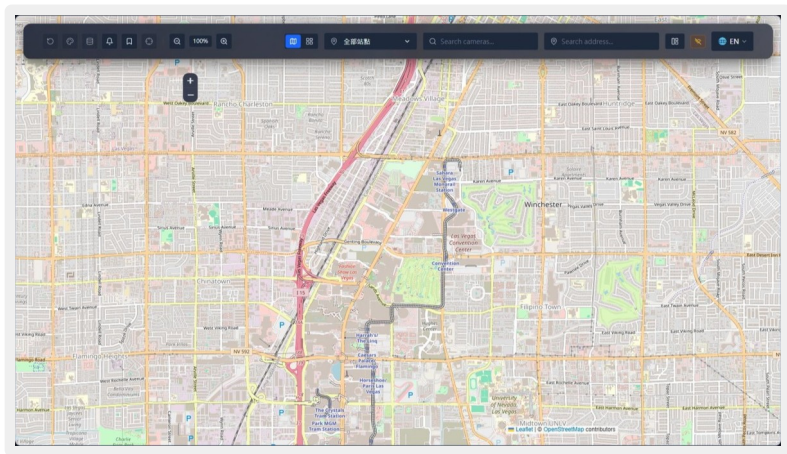
Capabilities

- By severity / category / site / date — filter any range
- Daily distribution — see the pattern at a glance
- Top-N sources — which points fire most
- CSV · Print / PDF — export for the record

Event report — totals, daily chart, severity / site breakdowns, Top-N

A locked-down view for the people watching.

Operator mode strips the console to monitoring only — no layer editing, no accidental changes. Browse the map, search, and double-click to view. Everything that could alter the system is hidden, so a 24/7 watch stand can't break the setup.



Operator mode — monitoring only, editing removed

Capabilities

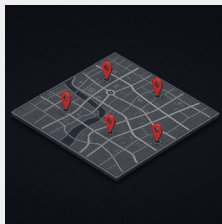
- Watch-only — editing, sync and drag disabled
- Clean chrome — panels hidden, map full-bleed
- Search & view — find a camera, open it, done
- Restricted-action hints — clear feedback, no surprises

Two Editions

The difference is the monitoring wall.

XMap Pro

The map, on its own



- Global map, custom floor and site layers
- 3D building models with camera placement
- Reacting points with state colour and webhooks
- Event layer — SOS, map focus, SOP, reports

For customers whose VMS already shows enough — what they lack is a sense of place.

XMap Enterprise

The map plus the wall

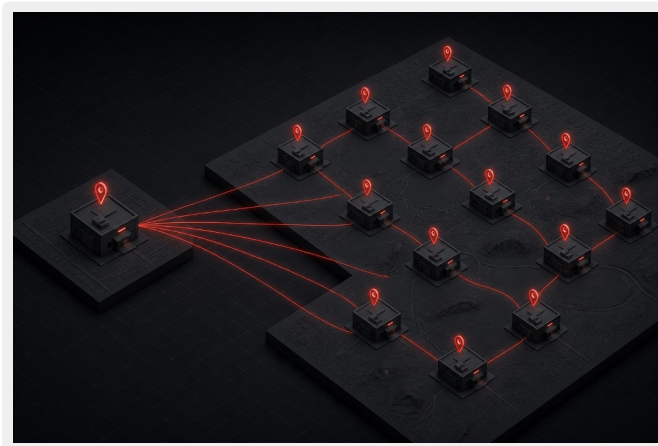


- Everything in Pro
- CMS monitoring wall — up to 25 streams (5×5)
- Device tree grouped by recorder, saved layouts
- Playback with timeline search and MP4 export

For staffed monitoring positions that need to watch and review, not only locate.

One Site Today, a Chain Tomorrow

Sites are an optional grouping — the same architecture covers a single building and a national chain.



One site scales into a chain — the same architecture

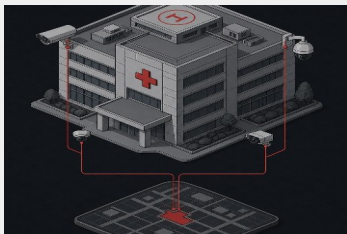
Multi-site

- Leave sites off — behaves exactly as today
- Create a site, assign recorders, cameras follow
- One architecture: single site to national chain

Deployment

- Windows, macOS, Linux — built-in database, no extra server
- English, Traditional Chinese and Vietnamese, switchable at runtime
- Operator mode locks it to monitoring only

Where XMap Is Running



MULTI-BRAND

A regional hospital

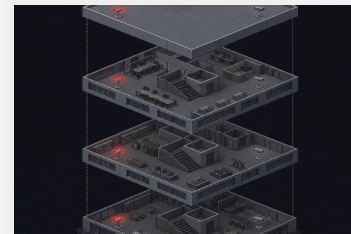
Cameras from several vendors, none integrated. XMap brought them into one camera list and one map, so an emergency call locates itself.



500+ SITES

A fast-food chain

Over five hundred locations under one operations view. Site grouping keeps each branch navigable while the chain is managed as a whole.



3D

Multi-floor buildings

Where the question is which floor and which corner, the 3D model answers faster than any camera list. Common in campuses and towers.

Ready when you are

Turn scattered monitoring into one map that responds.

A live walkthrough or an on-site proof-of-concept is the fastest way to see it on your own cameras.

ARISAN · XMap — Interaction Map System