

Clio Enterprise Architecture

Bring every brand of recorder into one system — and keep watching when a node dies

① Consolidate

② Operate & fail over

③ Events & API

① Existing site equipment Sources

Bought over ten years — none of it has to go

Cross-brand NVR / DVR / XVR^{Reused}

Recorders of different vintages and brands, each with its own interface.

IP cameras

ONVIF / RTSP

Existing VMS

Runs alongside

Not required to deploy

- No camera or recorder replacement
- No moving footage to the cloud
- No dependency on the internet

Linux Server service + Windows client, on the network you already run.

Video in

Cross-brand · reused

Device health

Offline · storage · gaps

Analytics events

AI · access · sensors

② Clio Enterprise

On-prem Core

1 Cross-brand consolidation

Each vendor protocol is normalised into one interface, so a mixed-brand site is run as a single system.

2 Video wall & hot standby

Tiling is assigned by role; if the primary node fails a standby takes over and the wall never goes dark.

3 AI alarms & integration

Analytics events join one event stream, with an API out to access control, fire and third parties.

On site Footage never leaves · N+1 hot standby · one node or many

Onto the wall

Role-based tiling

Automatic takeover

N+1 hot standby

Events & API

External systems

③ Operator & output Control room

Control room

What the duty officer actually sees

Video wall operations

Role-based tiling; a failed node is taken over automatically.

AI alarm handling

Analytics events sit on the same timeline as the recording.

Third-party integration

API to access control, fire and existing management platforms.

One building or a large campus, same architecture.

Why put Clio Enterprise on site?

Keep the equipment you have

Recorders of any vintage or brand stay in place; the cost lands on software.

A dead node is not a blackout

A hot-standby node takes over and the duty wall keeps running.

Footage stays on site

Nothing goes to the cloud; recording and playback survive a WAN outage.

How it splits with the cloud

Clio Enterprise

On-prem workhorse: cross-brand and video wall

Clio Cloud

No server room, fast to subscribe, many small sites