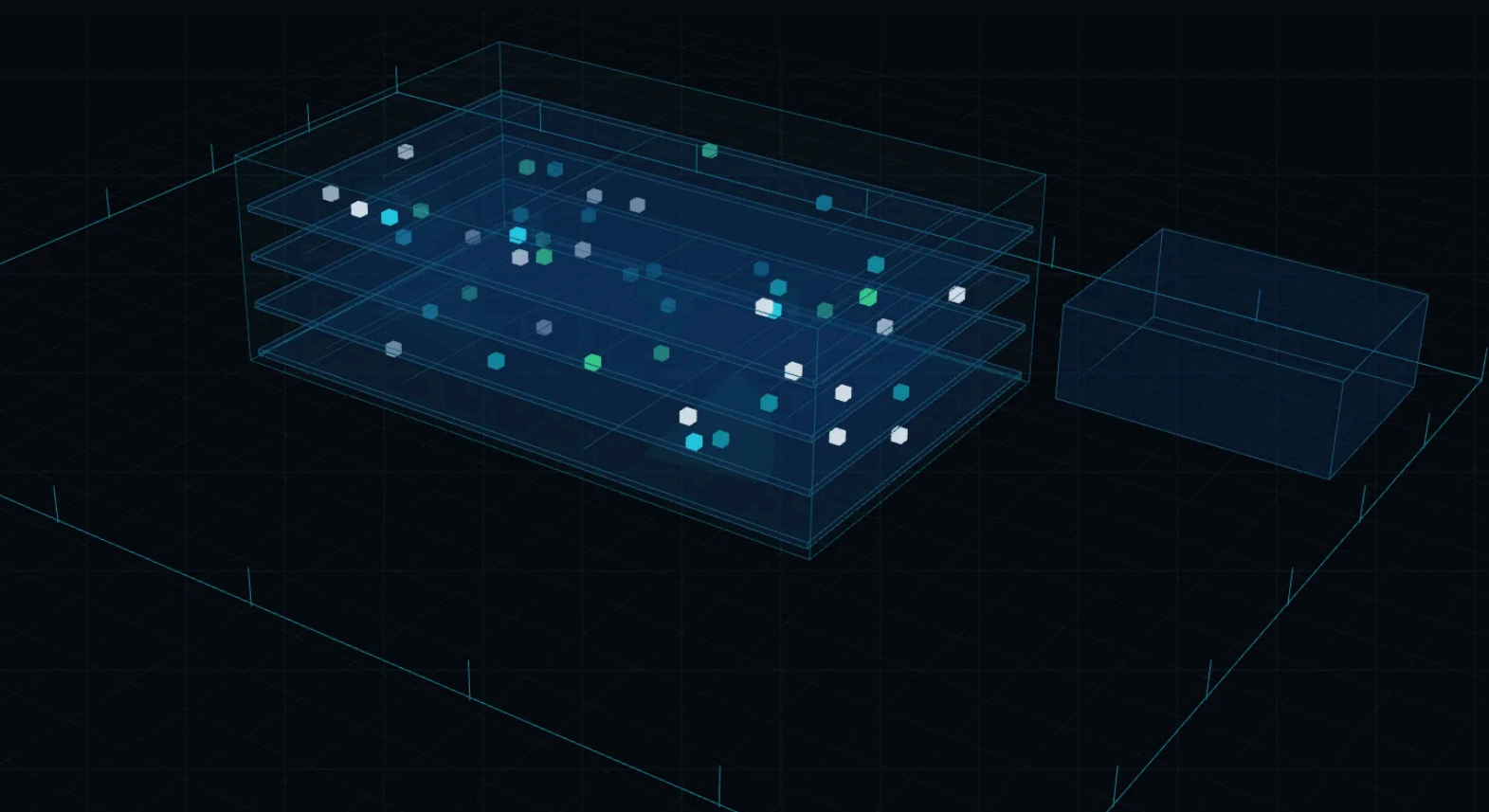


Critical facilities, under one picture.

Every device and every event of your site on one live, georeferenced twin, for the teams that run it for decades.



Alarms in context

Events from different systems correlated by place and time, with the nearest cameras and the procedure beside them.

A world for every team

Control room, maintenance, management and contractors each see the same twin, scoped to their job.

Evidence on demand

Availability, response and maintenance reports computed from a tamper evident record.

The problem

Security, fire, building and access systems are each good at their job and blind to the others. Alarms arrive on separate screens, plans drift from the site, and proving availability takes days.

What Klorad does

It sits above the systems you already run and connects them into one operational twin. It does not replace them: certified panels keep control of life safety, and nothing on site depends on the twin to keep working.

Capabilities

Control room console

Alarm stack beside the map, camera hand off, keyboard driven acknowledge, several monitors per workstation.

Dual authorisation

Critical commands such as lockdown or door release can require a second authorised operator.

Incidents and procedures

Standard operating procedures as checklists, incidents from open to review, work orders on the asset that raised them.

Availability reporting

Availability per critical function, restoration times and preventive maintenance, reported on schedule.

Segregated data flows

Systems owned by another party share status only, through a separate gate.

Training

Replayed events in a training world with no path to equipment.

Integration and standards

Video and security platforms through their published interfaces; building systems through OPC UA, BACnet and Modbus; sensors through MQTT, webhooks and REST; site models from IFC and GIS.

OPC UA

BACnet

Modbus

MQTT

ONVIF

OGC SensorThings

NGSI-LD

IFC (ISO 16739)

CityGML

3D Tiles

Deployment and security

On premise, air gapped if needed, on a long term support release that receives only security and critical fixes for 24 months; or a dedicated environment in the region you choose. Single sign on (OpenID Connect, SAML), encryption in transit and at rest, an append only audit log, and a secure development process aligned with IEC 62443-4-1.

Delivery

- 1 Your site as a twin, from BIM, GIS and device lists.
- 2 Connected to your systems, read only until you approve control.
- 3 Live for every team, with training on replayed events.

Delivered with you or through your integrator.

See your facility as one.

Send us your site plans and the systems you run. We will show you the twin on them.

info@klorad.com
klorad.com/contact