

Road networks, made legible.

Detectors, signals, incidents and roadworks on one live twin of the corridor.



One picture of the corridor

Detectors, signals and cameras on one live twin.

Incidents seen as they form

A queue shows on the twin as the detectors report it.

Drivers told on time

Closures and queues pushed to the phones of the people they affect.

How it works

Klorad reads your traffic management system and the devices around it onto one timestamped twin of the corridor. Your traffic centre stays in charge.

Capabilities

Live corridor

Flow, signals and incidents on the lanes and junctions they concern.

Public view

Closures, queues and works for road users, live when you publish it.

A view per team

Traffic centre, maintenance, authority and public each see their part.

Incidents and works

Read from the system your centre runs, shown where they happen.

Notices that follow the road

Pushed to the phones of the people a closure or queue affects.

Network reporting

Performance of the network, reported on schedule.

Integration and standards

Your traffic management system for incidents and roadworks; detectors and counters through webhooks, MQTT or REST; signal status through their central system; cameras through your video platform.

MQTT

REST

GeoJSON

Web push

Deployment and security

Klorad Cloud, a dedicated environment in the region you choose, or your own servers, air gapped if needed, on a long term support release that receives only security and critical fixes for 24 months. 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 corridor as a twin, from GIS and asset lists.
- 2 Connected to your feeds, each checked and timestamped.
- 3 Run by your centre; the public view when you publish it.

A licence for each network. Implementation is scoped as its own project.

Bring us one corridor.

With its devices and data sources. We will show it to you live.

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