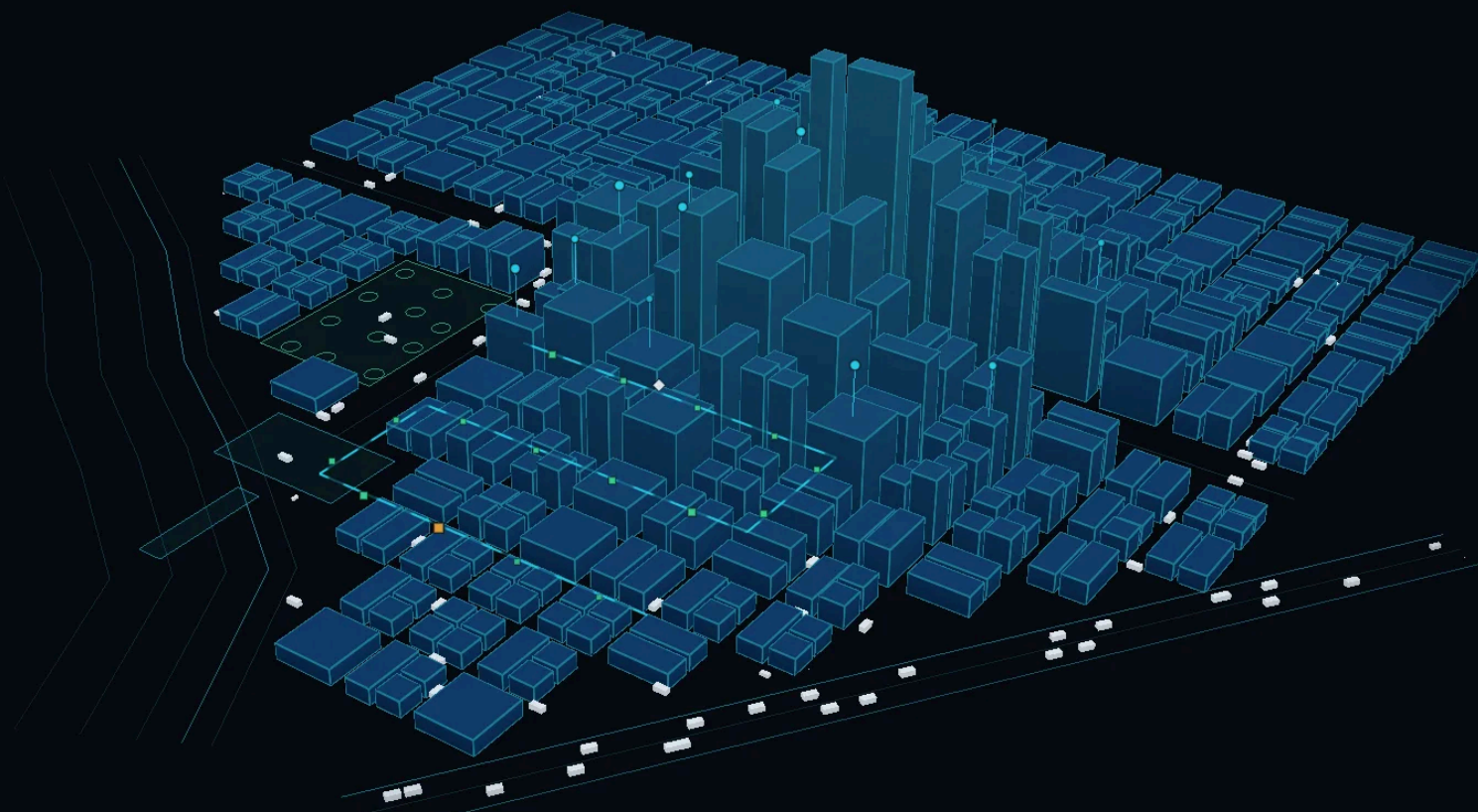


Cities and land, as a living model.

Your GIS, registers and live sensors in one twin of the city, built on CityGML, NGSI-LD and OGC SensorThings.



One version of the city

Cadastre, permits and utilities placed on one model.

Decisions on live data

Air, noise, energy and traffic readings on the blocks they describe.

Citizens kept informed

Works and services published where people look, when you choose.

How it works

Klorad works on top of the city's GIS, never in place of it: one model of the city, its registers and its live readings, with a view for every department and one for citizens.

Capabilities

City model

Buildings, parcels and networks from CityGML, CityJSON and your GIS layers.

Live readings

Air, noise, energy and traffic on the blocks they describe, with their history.

Public view

Works and services for citizens, when you choose to publish it.

Registers on the map

Cadastre, permits and assets placed where they belong.

A view per department

Each department sees its part of the same model.

Open standards

Built on the standards calls ask for, able to run on your own servers.

Integration and standards

City models from CityGML and CityJSON with your GIS layers; sensors through NGSI-LD, OGC SensorThings and MQTT; utilities and transport networks located and attributed.

CityGML

CityJSON

NGSI-LD

OGC SensorThings

MQTT

3D Tiles

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 district as a twin, from the data you hold.
 - 2 Connected to live data, one feed at a time.
 - 3 A view per department, and one for citizens.
- Fits a funded call: the licence for the project and its commitment period, in one package.

Model your city with us.

Tell us which call you are applying to and what data the city holds. We will model one district with it.

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