spatiall

Building the geospatial foundation for smart cities & infrastructure with Spatiall

"The world outside your window isn't broken.
Our view of it is."

Spatiall – the global end-to-end solution of AI-InfraSolutions (AIIS)

AIIS is a Dutch deep-tech company delivering the first sovereign, vertically integrated, AI-powered solution for geospatial infrastructure intelligence.

We carry out national data capture in the Netherlands on an annual basis and are experts in nationwide and large-scale mobile mapping.

After the success of our mobile mapping concept in the Netherlands, we're leveraging our experience to build an end-to-end solution with local partners.

Our Mission & Vision

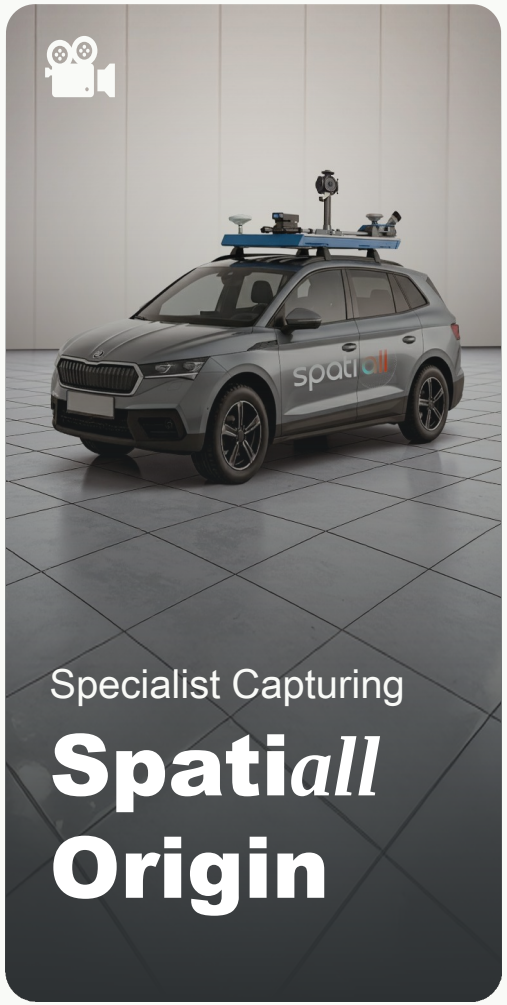
Mission

To redefine infrastructure asset management through scalable, AI-powered mobile mapping solutions, empowering professionals to design, plan, build, maintain and manage safer, more sustainable, and efficient outdoor environments.

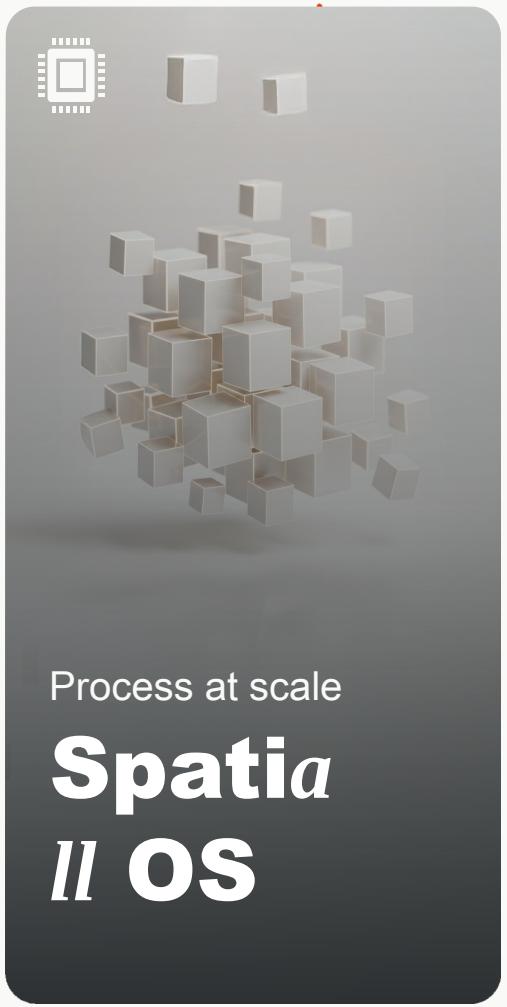
Vision

To become the global search engine for outdoor spaces, creating a unified, secure, interoperable and accessible framework for geospatial intelligence that fosters smarter, safer, and more sustainable public spaces across Europe and beyond.

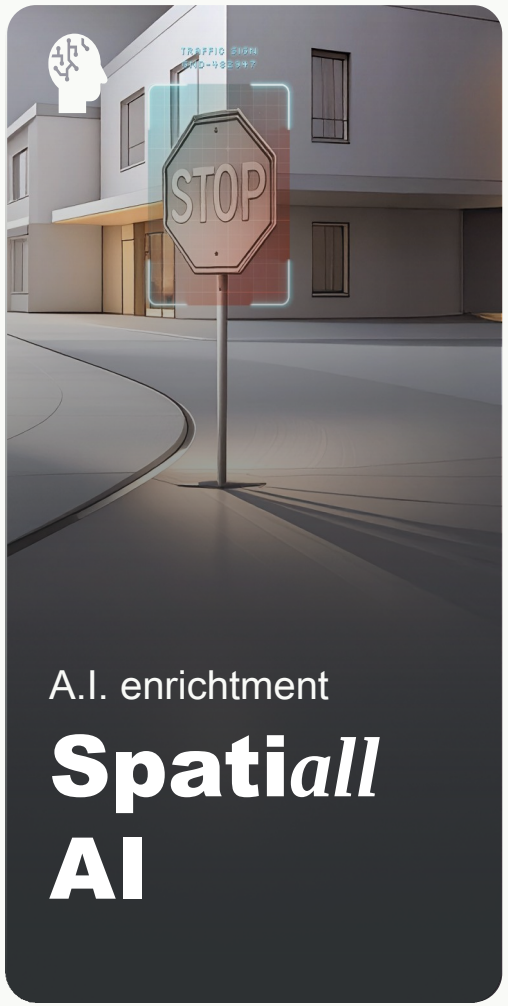
The 4 pillars of Spatiall



Capturing hardware & software



Fleet management & processing software



AI-models to extract information



3D viewer to publish & share data

Our global approach

Why build an end-to-end solution with local partners and not by ourselves?

- They speak the right language
- They know the local culture
- They know the local market & projects
- They have local domain knowledge

With our local partners we can offer:

- Local data-capturing – nation wide coverage
- Local data processing – no data transfers abroad
- Local data-hosting in private cloud(s)– **data sovereignty!**
- AI-models for local assets trained on local data

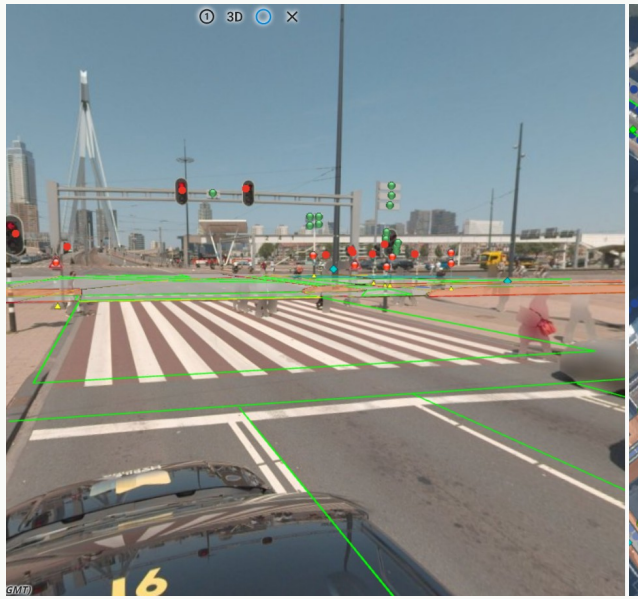
One partnership.
One foundation.
Creating Impact!

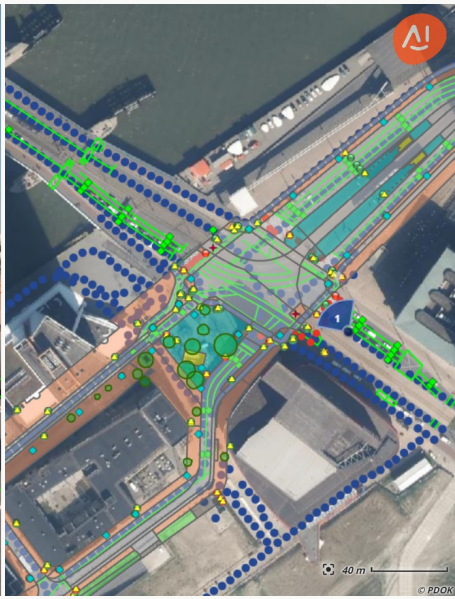
What do we deliver?

A combination of Street-level imagery & 3D point clouds. if desired combined with drone and aerial data.

Automatically detect & identify key infrastructure assets with AI. Like:

- Traffic signs & road signage
- Road markings
- Light poles
- Trees
- Utility poles
- Surface types
- Subsurface utilities
- Street furniture
- and many more





Capture once, use multiple times!

Why?

- To offer one single view of truth for all the stakeholders. Less subjective.
- We reduce manual inspections outside.
- To be first time right for your designs, construction and maintenance work. Less failure cost during and after the construction and maintenance work.
- Data will help you to be more data driven.
- Be more efficient with less human intervention
- A domain expert can do what he must do; use his/her experience without wasting time on time consuming work like field inspections.
- We deliver consistent data ingredients for faster decision making

To whom do we deliver?

We deliver our data to public and private organizations for viewing, designing, constructing and maintaining their (project) locations.

Like:

- Cities / municipalities
- Construction companies
- Engineering companies
- Telco’s
- Energy companies
- Real Estate companies
- Insurance companies
- And for everyone who works in public space or needs information from public space

We bring the outside world inside!

The future of Mobile Mapping!

Together with our local partners we become the local Data Provider & Search Engine of the Geospatial World.