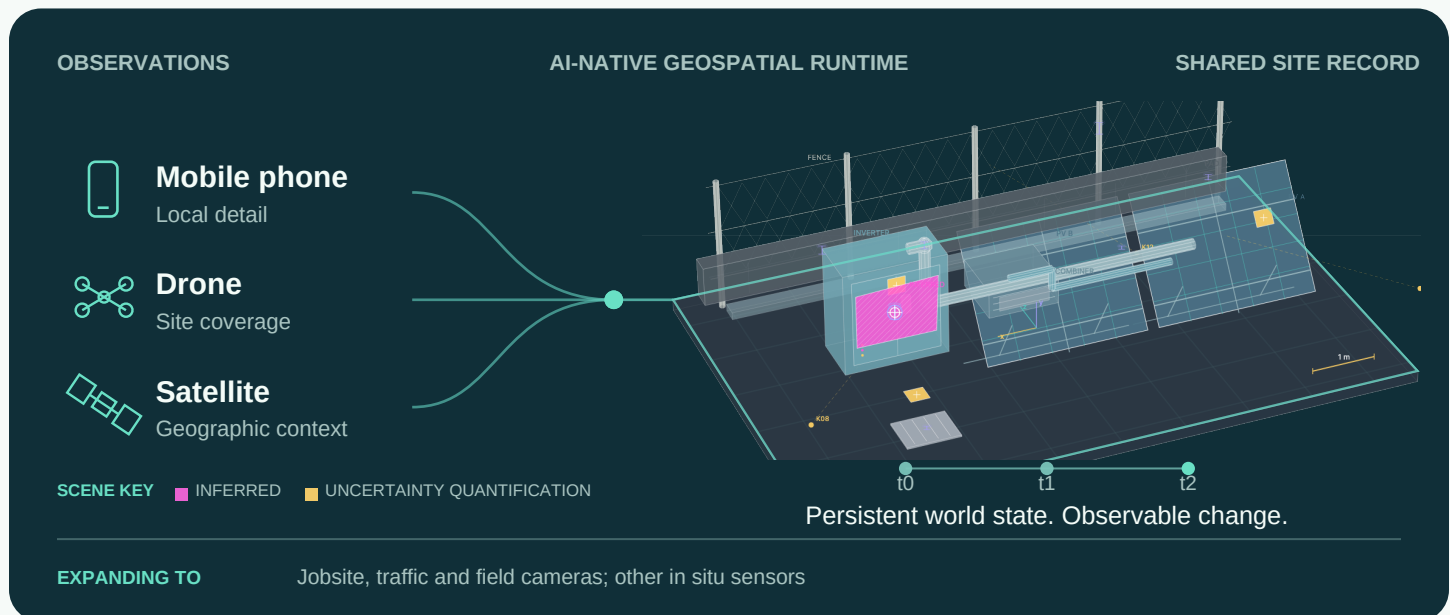


Geospatial research with metrological foundations.

WaveForm is a geospatial runtime for research that unites sensor evidence in a shared frame. It gives models and tools access to phone, drone, satellite and fixed-camera data while preserving geometric constraints, evaluated uncertainty and independent validation.



01

Geometry across scales

Use one reference frame for moving and fixed cameras, repeated visits and global-to-local context. Preserve timing and calibration.

02

Test AI in context

Separate observed, inferred and predicted states. Evaluate error, repeatability and uncertainty against independent references.

03

Learn across sites

Investigate transfer under local-first or local-only constraints while retaining each site's observations and history.

COLLABORATION APPLICATIONS

Infrastructure change

Deformation and repeated observation.

Environmental monitoring

Field evidence across time.

Spatial AI evaluation

Benchmarks with independent references.

ONE PLATFORM

WaveForm Mobile

Capture + provenance

Fisher-Floor

Local geometry

WaveForm

Runtime + tools

Polaris Globe

Global context

Co-design a study around a shared hypothesis.

Pair specialized applications with representative captures, independent references and reproducible baselines for geometry, change and uncertainty.

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