

Intelligence for the Property Sector



Trusted geospatial data. Intelligent automation. Faster, more confident decisions.



Unlocking property intelligence at scale

Bluesky's GeoAI services combine advanced artificial intelligence with high-resolution aerial imagery, terrain data, and environmental datasets to turn complex geospatial information into decision-ready insight.

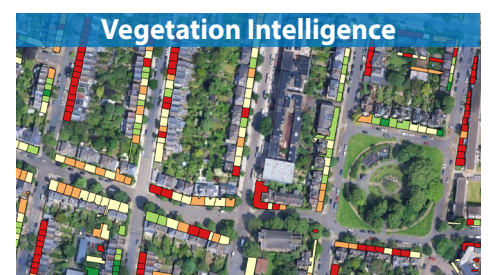
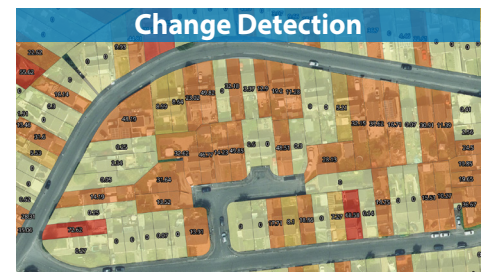
Designed for property organisations, our approach automates feature extraction, change detection, and screen risk consistently across single sites, portfolios, and national datasets.

Why it matters

Property teams need fast, reliable intelligence about buildings, land, vegetation, and environmental risk. GeoAI reduces manual interpretation, improves consistency, and helps surface the insight needed for valuation, underwriting, claims review, portfolio monitoring, and risk modelling.

It aids:

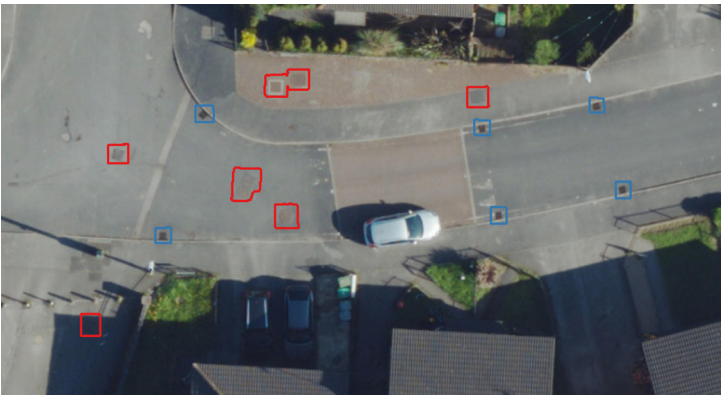
- Understanding site conditions, built form, land use, development potential, and change over time.
- To screen portfolios consistently and prioritise properties/sites that need deeper investigation.



A flexible GeoAI service model

Choose the level of support that fits your ambition from trusted source data to a fully managed GeoAI workflow.

- **Data:** National aerial photography, height models, and environmental datasets.
- **Labels:** AI-ready annotation and expert verification to support model training.
- **Models:** Bespoke models aligned to defined customer use cases.
- **Full service:** End-to-end delivery from data and labelling through to actionable outputs.



Property applications

GeoAI helps property professionals build a clearer, evidence-based view of land, buildings, and surrounding context, supporting faster site appraisal, portfolio review, and planning-related decisions.

- **Building and site intelligence:** Identify visible features such as footprints, roof forms, extensions, outbuildings, hardstanding, and green space.
- **Development and change monitoring:** Detect new construction, land-use change, vegetation removal, and surface change.
- **Vegetation context:** Understand canopy cover, tree proximity, and environmental constraints using National Tree Map™-derived intelligence.
- **Portfolio screening:** Apply consistent analysis across assets to prioritise review and identify exceptions.

High-impact use cases

Use case	Value
Change detection	Identify development, surface change, vegetation loss, and other visible change over time.
Feature extraction	Detect buildings, roof features, external structures, hardstanding, and site characteristics.
Vegetation intelligence	Analyse tree cover, canopy extent, and property proximity using trusted environmental datasets.
Risk screening	Apply repeatable analysis across sites, portfolios, or regions to support prioritised decisions.

Why Bluesky?

Bluesky's GeoAI services are built on proprietary, high-quality geospatial datasets, and deep domain expertise, giving customers a trusted foundation for practical, scalable AI adoption.

- **Trusted data:** High-resolution, nationally consistent imagery and geospatial datasets.
- **Practical AI:** Workflows designed around real property and insurance use-cases.
- **Flexible delivery:** Support for data, labels, models, or full-service outputs.
- **Scalable insight:** Repeatable analysis for single sites, portfolios, regions, or national coverage.

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