

# INSURANCE GEOSPATIAL PLATFORM



Geosite provides a **best-in-class geospatial enterprise solution** for the insurance market that enables users to unlock the widest variety of spatial data in their day-to-day insurance operational workflows. The **Bedrock API** provides unified and secure access to data-driven insights for claims, reserving, portfolio impact assessment, exposure and risk, and can be directly integrated with industry standard BPMs and policy admin platforms. Customized portfolio monitoring, data management and reporting are available via Geosite's **Ascend data visualization engine**.



### A single API for all spatial data

- Ingests, normalizes, and interprets spatial data from all sources
- Corrects policy location data using Geosite's geocoding consensus algorithm
- Selects and utilizes the most accurate data
- Easily integrates directly into core BI and Policy Admin systems



### Customizable & interactive data visualization

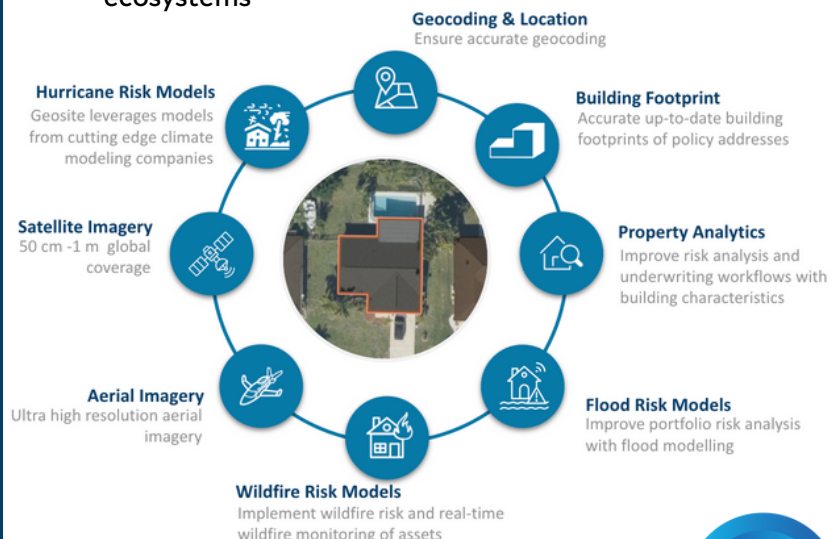
- Displays assets / insured properties, and the correlating spatial data
- Shows analytic layers and imagery basemaps
- Provides portfolio insights and summary statistics
- Configurable visualization components
- Data layer management to access Geosite's partner data ecosystem

## Geosite Platform Features

- GeoTooling (layer styling, legend, select, etc...)
- Spatial data buffering, filtering, and aggregation
- Base-map and partner data library (61+ partners, public & open data)
- Portfolio management tools (filter, search, aggregate, report, etc...)
- Data layer processing and management
- Configurable front-end
- REST/GraphQL Output API
- SSO with RBAC/ABAC
- Hosted/Self-hosted enterprise deployments
- Platform and data usage monitoring

## Geosite's solution is built upon **three core pillars**:

- Unparalleled access to a robust and resilient geospatial data marketplace
- Dynamic data geoprocessing and fusion delivering timely, fit-for-purpose data layers
- An intuitive platform built for non-geospatial users that seamlessly integrates into insurance processing ecosystems



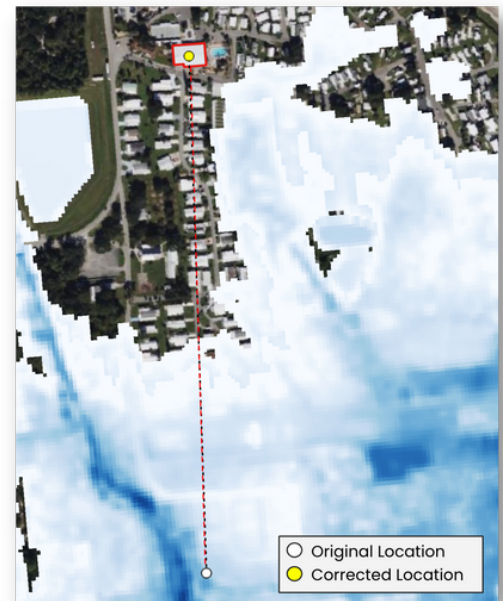


Ascend is Geosite’s data visualization engine for insurance carriers.

Within Ascend, insurers can visualize and assess their portfolios in the context of property data, risk models, aerial imagery, and natural hazard information.

Carriers can apply flood maps and other peril data layers against building footprints to gain greater clarity about the impacts of natural catastrophes at the property or portfolio level.

The information available in Ascend can be used to support the full insurance lifecycle including data-driven underwriting, more accurate reserving practices, faster claims processing, and improved customer experience.



Address correction via Geosite

**Ascend Features:**

- Correct your location data using Geosite's geocoding consensus algorithm to map addresses to building footprints
- Upload your full portfolio or query specific addresses to identify exposure and peril risk
- Configurable visualization components
- Data layer management to access Geosite's partner data ecosystem
- SOC2 certified



GIC aerial imagery of Murray River flooding





# One API for all geospatial data

- Building data
- Climate risk
- Sat/Drone imagery
- Flooding models
- Wildfire damage
- & much more

Geosite's Bedrock API provides unified and secure access to the widest variety of insurance-relevant data and analytics across perils and geographies. By combining policy location correction via Geosite's geocoding consensus algorithm with property data and analytics, Bedrock API feeds timely, accurate, data-driven insights directly to industry standard BPMs and policy admin platforms.

## Geosite integrates data into the full policy lifecycle

<h3>Data Driven Pricing in Underwriting</h3> <p>Automatically leverage the best of geocoders, geospatial AI, imagery, flood, fire, and climate models directly in underwriting workflows.</p>	<h3>Claims &amp; Reserving</h3> <p>Reserving intelligently requires a continuous understanding of exposure and loss before, during, and after an event for rapid assessment of total damage.</p>	<h3>NatCat Response</h3> <p>Handle claims more quickly after a disaster using the best geocoders and post catastrophe data including AI models leveraging satellite, drone, aerial, stratospheric balloon data.</p>	<h3>Customer Experience</h3> <p>From quantifying underwriting risk, to pre-event alerts and post claim handling speed, knowing how policy holders are affected allows unique and valuable CX.</p>
---	--	---	---

## Unified API access to our growing catalog of partner data reduces procurement and integration fatigue for our customers.



# 50% time saving in claims

Using the Geosite platform, with the satellite and aerial data and the property attributes capabilities, we can dramatically reduce time, more than 50 percent...

Jack Toyama, Head of BizDev MS&AD Ventures

info@geosite.io



www.geosite.io

