SOVEREIGN INTELLIGENCE
Make sense of the world's data so people can make better decisions.

SOVEREIGN INTELLIGENCE

Aurora:GeoStudio®
Global Geolocation Intelligence Software

AURORA:GeoStudio® is the first-ever immersive SaaS platform for collecting, processing, and analyzing geolocation data from smart devices. Aurora:GeoStudio® provides agile, insightful, Artificial-Intelligence (AI) driven, location intelligence software for securely ingesting any geolocation data with the mission of helping you make better decisions.

Aurora:GeoStudio® helps you discover the geolocation of smartphone devices on a global scale. Our theory is that if you can observe *where* people go, you can learn *why* they are there. Aurora:GeoStudio® is designed to bring an enhanced level of confidence surrounding the discovery of answers for two reasons: (1) our proprietary ability to know where to look among the vast libraries of geolocation data, and (2) our advanced data analytics to help you observe otherwise indecipherable data patterns for better insight. Welcome to Sovereign Intelligence.

AURORA:GeoStudio® surveys over 600 million smartphone devices on a global basis every day. No other software platform in the industry accesses this much data across the world, while delivering a user-friendly interactive studio experience, fit precisely for analysts.

Aurora: GeoStudio®

Aurora:GeoStudio® solves the industry's most significant problems with discovering location intelligence insight.

Data Management

Aurora:GeoStudio® addresses the Data Management problem with our location intelligence collection apparatus. Aurora:GeoStudio® is able to ingest any related location data, including AIS, Flight Data, Telecommunications, as well as anything that has an established latitude/longitude designation.

Data Migration

Aurora:GeoStudio® addresses the Data Migration problem with our proprietary Contextual Gravity algorithm. Aurora self-assembles data and visualizes information relationships. All data structures become objects or entities with intrinsic contextual gravity in relation to other objects, locations, etc.

Workflow: User Interface

Aurora:GeoStudio® addresses the Workflow:User Interface problem. Each mission starts with an adjustable Map, ready to use drawing tools and multi-dimensional views. Create fully interactive .html reports for specific analytic workflows and download raw data. Aurora:GeoStudio® hosts an easy to use filtering process for collecting data, analyzing patterns-of-behavior, play-back features, and spatiotemporal analytics.

Aurora: GeoStudio®

Unique Value Proposition

Aurora:GeoStudio®

Sovereign has developed the most disruptive intelligence software. AURORA solves the problem of weak decision-making, whether instigated by siloed data, inadequate intelligence collection, biased AI assumptions, or stymied sense-making capacity.

Service Offerings	Description of Unique Value Proposition
Features	Aurora:GeoStudio® provides Location Timeline, WiGLE Access Points, Cell Tower Usage, Activity Density, Activity Hotspots, Activity Demographic, Interchangeable Graphic Maps Device Intelligence (Unique ID, Name, Network, Country, Connection, Counts per Location, Brand, Model, Dwell Presence, Device Detection)
Data Enrichment	Access to Location Analytics, Hashed Email Addresses (HEMs), Demographics and Consumer Personas (US Only), Mobile Application Activity Data, and Mobile Advertising IDs, as available.
IP/ISP	Access to related Internet Protocol and Internet Service Provider intelligence as available. (See Aurora:NetIntel® for more information)
Activity Counts	Learn Total Devices reported during the designated time frame. Learn the Area of Interest (AOI) with the highest/lowest observed percentage (%) of devices among multiple AOI's. The Reports also provide a detailed view of how Devices move between Areas, reporting Area Name, Devices in Area, Area Usage, Areas Visited, and unique Devices in all Areas. All within an interactive HTML mapping report. Interacting with the data directly in the GeoStudio User Interface also allows for additional, more advanced manipulation and analysis such as temporal, spatial, and/or entity-based filtering of activity. Other analytics can provide insights such as population dynamics and devices' movement between various AOIs. Users also have the ability to run additional lead-generation analytics such as GeoCanvass to return relevant devices around an event of interest.
GeoCanvass	Identify and analyze devices of interest in an area surrounding a particular event of interest. These can be selected based on proximity to the event, activity during the general timeframe in which the event took place, frequency in the area, or, conversely, absence in the area.
Device History	The Device Movement overlayed with playback or stepping shows the Devices' journey from Hotspot locations to determine either Place of Work or Point of Origin (ie Home). Individual Device history can extend up to 2 years. Device Details include: Internal Device ID, Name, Network, Country, Counts, Brand and Model. Interacting with the data directly in the GeoStudio User Interface also allows for additional, more advanced manipulation and analysis such as temporal, spatial, and/or entity-based filtering of activity. Users also have the ability to run additional advanced analytics to return important clusters of interest (COIs) such as potential home/work addresses, meeting places, etc.
Clusters of Interest (COIs)	Automatically identify clusters of interesting activity based on expected typical behavior for: home/work addresses, meeting places, and co-traveler activity. Users also have the power to input their own custom criteria for clusters of interest. Associated addresses, where available, are identified and attributed to the cluster of activity.
Reporting & Data	Receive fully interactive .html reporting and CSV data for Internal Device ID, Registration Number, Count at Location, Latitude, Longitude and Datetimes.

Aurora:GeoStudio®

Solutions Suite
Aurora:IaaS®
AURORA solves the problem of weak decision-making, whether instigated by siloed data, inadequate intelligence collection, biased AI assumptions, or stymied sense-making capacity.

Aurora:GeoStudio®
Aurora: GeoStudio® helps you discover the geolocation of smartphone devices on a global scale. If you can observe *where* people go, you can learn *why* they are there. We observe over 16 billion geolocation events and over 600 million devices every day.

Aurora:AddScore®
Aurora: AddScore® helps financial institutions verify the addresses provided by a loan applicant. To avoid fraud, and to prevent money laundering, banks need a fast, secure, and discrete method to confirm an applicant's home or work address. The Aurora: AddScore® utilises our Aurora: GeoStudio® data analytics to quickly confirm the actual presence against the claimed location of devices during a history look-back at the applicant's activity.

Aurora:GeoCanvass®
Aurora: GeoCanvass® provides commercial or government entities with automated geolocation attribution of devices discovered during Area of Interest for sensitive site locations, retail marketing/advertising, as well as national security related intelligence collection

Aurora:NetIntel®
Aurora: NetIntel® not only provides a singular focus on in-network vulnerabilities and associated risk ratings but also expands and connects into the Threat Actor Landscape, revealing the potential for stolen or exposed Intellectual Property, Code, and PII. Built for IT Security Professionals.

Service	Aurora:IaaS®	Aurora:GeoStudio®	Aurora:AddScore®	Aurora:NetIntel®	Aurora:GeoCanvass®
Optimal Clientele	High Volume Data/Intel Service	Commercial/ Government/ Individuals	Financial Institution Investor/Advisory Firm	CISO/ IT Professional	Law Enforcement/ Government
No. of Units	1 API	1 SaaS	1 API	1 API	1 API/SaaS
License	1 Year	1 Year/Monthly	1 Year	1 Year	1 Year
Pricing	Based on Scope/Usage	Based on Scope/Usage	License Fee Plus Pay-per-search	License Fee Based on Usage	Based on Scope/Usage
Payment	Yearly Upfront	Yearly Upfront	Yearly Upfront	Yearly Upfront	Yearly Upfront
Return	Full Software Interaction	Full Software Interaction	Metrics/Report	Metrics/Report	Geolocation Attribution Report

Contact us via discover@sovereign.ai for more information.