



GeoVigilance™

Applications

The flexible GeoVigilance™ user interface provides the capability to perform real-time tracking and analysis of location and time-based events:

Commercial

- Supply chain management
- Business intelligence and analysis
- Transportation and logistics
- Location-based platforms
- Mobile interaction

Defense

- Force protection
- Red and blue force tracking
- Depot asset management
- Situational awareness

Intelligence

- Analyst toolkit
- Geospatial intelligence analyzation
- Surveillance and threat detection
- Common operational picture

Public Safety

- First responder support
- Emergency management
- Port and border security
- National critical infrastructure protection

Cloud-enable geospatial awareness for real-time decision support and pattern detection

GeoVigilance™ is a location-based awareness platform designed to aid analysts, operators and warfighters with real-time geospatial and temporal decision support. GeoVigilance™ processes data in real-time and effectively disseminates actionable information to decision makers—when and how they need it.

Its flexible visualization interface gives users the capability to perform tracking and analysis of location based events for intelligence gathering, military missions and commercial applications. GeoVigilance™ can combine and monitor data from multiple sources, including dynamic to dynamic, with fast and efficient real-time rule evaluation that can be altered by users 'on-the-fly.' The out-of-the-box component-based interface allows for easy integration into new and existing applications—no programming or scripting experience required to get up and running.

GeoVigilance™ is powered by the highly scalable complex event processor, SpatialRules®.

GEOVIGILANCE™ BENEFITS

- Drives the decision making process through analysis of geospatial and temporal data, such as weather, airplane, SIGINT, maritime, GPS, street, vehicle and more
- Employs iterative techniques to refine event and pattern of life definitions and uses the results as a parameter for real-time event detection and notification.
- Combines and monitors data feeds from multiple sources, including dynamic to dynamic data analysis (ex. tracking an airplane against weather data)
- Evaluates rules quickly and efficiently, with the ability to change event definitions on demand without restarting the program
- Allows for visualization on computers, cell phones and tablets—anywhere there is an Internet connection
- Adapts user interface to your specific needs through a library of flexible user interface components

About TransVoyant™

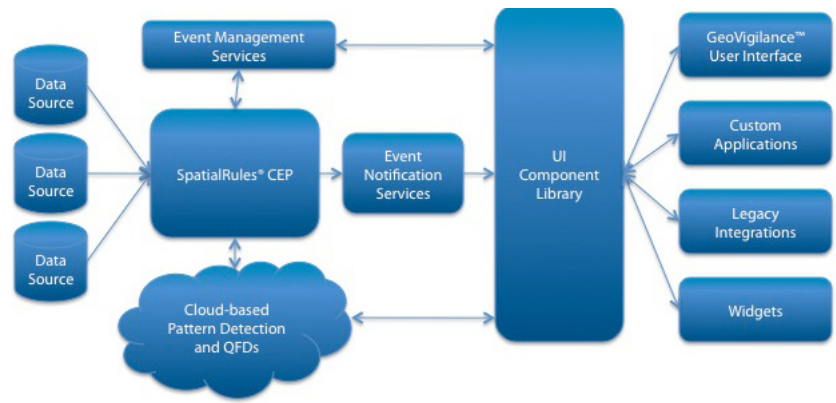
In a data-driven world, TransVoyant™ pushes to drive greater visibility and clarity to support intelligent data based decisions. With a combination of solutions and seasoned industry veterans, TransVoyant™ transforms geospatial and IT logistics data into smart, problem solving information. TransVoyant™ solutions provide enhanced outcomes for location and time-based compliance, intelligence, risk management, asset tracking and supply chain logistics.

Our embeddable products, end-user applications and professional services are currently used by multiple transportation industries, the U.S. military and intelligence community and leading government systems integrators to solve their real-time, multi-modal, 'big data' challenges. Representative clients include SAIC, Boeing, Lockheed Martin, Northrop Grumman, United States Army and Marine Corps, the National Geospatial-Intelligence Agency and Host Hotels & Resorts.

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SpatialRules® is a trademark of TransVoyant™ LLC registered in the U.S. Patent and Trademark Office and elsewhere. The patented technology of SpatialFX® helps to power GeoVigilance™.

Turn data into actionable information



TECHNICAL DETAILS

In the flow diagram above, location based intelligence is applied to complex data sets as they are pushed through SpatialRules® CEP. Dynamic inputs (human or machine) are used to apply events (ex. a truck passing through a boundary) before the data is run through a customizable user interface component library (including modules such as GeoEmblem™ MIL-STD 2525). Results are delivered through GeoVigilance™, to be consumed by a myriad of clients on virtually any hardware platform (ex. mobile device, thick-client desktop).

MOBILE DATA VISUALIZATION

GeoVigilance™ displays dynamic data on mobile devices, providing greater convenience for users on the go—from executives, to warfighters, to supply chain operators.



VIRTUAL INTELLIGENCE

The speed and analytics intelligence behind GeoVigilance™ is provided by SpatialRules®, an embeddable complex event processing engine. Together, these solutions provide powerful mission support, by putting rules and event alerts around spatial and temporal data feeds. SpatialRules® increases the fidelity of real-time data collections by providing the means to separate high-value conditions from the "noise" within large volumes of data. SpatialRules continuously inspects the location and time aspects of the data as it is collected, and can analyze *over 10,000 objects in less than 1 second.*

TRY GEOVIGILANCE™ FOR FREE!

Sign up for a free, 60-day online trial of GeoVigilance™ by visiting: www.transvoyant.com

Test out how you can intelligently manage and visualize large, highly dynamic data sets by importing your own data files and creating real-time rules against them for monitoring and processing spatial and temporal based information.