GeoEmblem™

Applications

Consistent symbology, combined with the ability to present dynamic views of Military and Homeland Security operations, can provide a common operational picture to all levels, from planners to warfighters:

- C4ISR
- Theatre visualization
- Situational awareness
- Planning and analysis
- Multi-source intelligence fusion
- Historical review
- Blue and red force tracking
- Threat integration

Get it for Free

TransVoyant has made GeoEmblem available for free download. Visit www.transvoyant.com/products/geoemblem for more information.

Generate dynamic symbols that comply with Military and Homeland Security standards with TransVoyant's _free_ symbol rendering application

Maps can rapidly communicate information about where objects are located and how objects interact.

Dynamically changing the symbols generated through GeoEmblem™ adds a powerful dimension for displaying situational awareness of operational events—enabling analysts, operators and warfighters to quickly identify important objects such as aircraft, ships and troops.

A critical part of any Military C4ISR system is its ability to display real time information in a clear and unambiguous way. To support this need, the U.S. Defense Information Systems Agency created Military Standard 2525 to ensure that all branches of the military—as well as related agencies and private sector activities—would share a common symbology.

GeoEmblem is a _free_ symbol rendering web application that is used for dynamic generation of point-based Military Standard 2525B/2525C and Department of Homeland Security symbols.

GeoEmblem can enhance mission outcomes by enabling faster and better informed decisions through the addition of military standard and homeland security symbology to data visualization tools.

GEOEMBLEM BENEFITS

- Helps military C4ISR systems to display real-time common symbol information in a clear and instantly recognizable way
- Supports most point-based symbology for Military Standard 2525B/2525C and DHS
- Lightweight, simple to deploy and easy to use
- Can be used to conduct forensic and real-time tracking and analysis of object interactions

About TransVoyant™

In our high-volume data-driven world, TransVoyant delivers real-time intelligent decisions to global customers. TransVoyant employs a team of cleared analysts, consultants and technologists to assist clients in designing, implementing and managing solutions for outcome-focused intelligence.

TransVoyant solutions are used by business and government clients to make real-time decisions with high velocity live location, time, context and preference information. Our decision and predictive analytics tools and proven customer-centric methodology, combined with our long history of on-time and on-budget solution delivery, improves outcomes for Intel, defense, supply chain and risk management customers. TransVoyant is headquartered in Alexandria, Virginia, with additional locations in Alabama, Michigan, Minnesota, Pennsylvania and Florida.

Generate Symbols. Visualize Information.

Symbols dynamically generated by GeoEmblem can be used to relay mission-critical information such as:

- Is an object moving?
- In which direction is the object moving?
- What is the readiness status of the object?
- Is the object one or many?
- Is the object a person, car or plane?
- Does the object reflect a threat to deployed troops?

TECHNICAL DETAILS

Symbols are drawn dynamically as requested, allowing for dynamic symbol sizing (vs. static, predefined images from a disk-based library). The platform-agnostic web servce can integrate with any platform that has the ability to invoke HTTP calls. GeoEmblem runs on *any* machine with a Java application server (e.g. Apache Tomcat) running Java 5 or greater—allowing for easy system implementation.

Military symbols generated by GeoEmblem™

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