

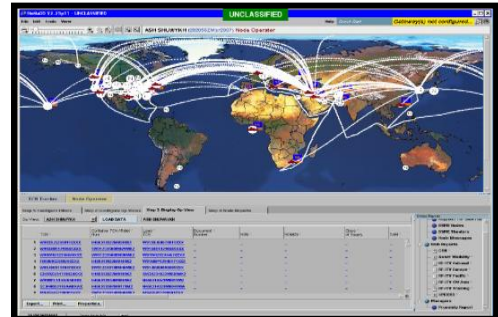


USTRANSCOM Science and Technology

GeoSpatial Information Management/Visualization

Project Summary: The GeoSpatial Information Management/Visualization project proposes to integrate basic web mapping capabilities with high end analytical mapping services to properly authenticated users. This project will consist of four separate capabilities:

- Publication of existing Enterprise Geospatial Information Services (GIS), such as geofencing, route adherence, and geospatial/temporal alerting from the Military Surface Deployment and Distribution Command (SDDC) - Transportation Engineering Agency (TEA) Intelligent Road/Rail Information Server (IRRIS).
- Inclusion of a portlet based mapping capability in the Distribute.mil Portal
- Standards based policy for the publication of location based attributes for In-Transit Visibility of assets in motion
- Authentication of users for access to all of the above



In a fully functional GIS environment, the user will be able to populate the mapping portlet, and layer in locations of available assets, to give the user the ability to mash-up, or view the relative locations of otherwise unrelated assets (i.e., location of critical assets to each other or potential hazard zones). This gives the user the ability to build their own User Defined map view, showing only the assets relevant to their current analysis.

Return on Investment: User Training/Expertise: Users will be able to use commercially available mapping capability, resulting in a drastic reduction in the need for training. Reduction in level of effort to deliver new Intransit Visibility (ITV) capabilities: By implementing a single mapping methodology for the Distribution and Deployment users that is scalable to the Department of Defense (DOD) enterprise, ITV assets are available to the Enterprise in an open standards format, accessible by standard authentication practices, reducing development costs and timelines by at least 50%.

Participants: SDDC - TEA

Project advocacy (funding or otherwise): USTRANSCOM J6-IP

Transition: IRRIS, Distribute.mil, Integrated Development Environment/Global Transportation Network) Convergence

USTRANSCOM POC office code: TCJ6-IP/618-229-3304