TAISR

TAISR™
EXPLOITATION MANAGEMENT SOLUTION

WHAT IS TAISR?

Lockheed Martin's TAISR is a mission management solution that automates Intel processes for intelligence organizations. TAISR increases operational efficiency by processing more data in less time, optimizing personnel and resources to more quickly generate actionable intelligence.

TAISR's task management engine combines flexible workflows and automation to sensibly manage the deluge of ingested data. TAISR auto-correlates arriving data to existing operational needs to automatically create and assign prioritized tasks to the analysts.

The TAISR framework is integrated with leading external COTS and FOSS ISR tools for a low cost, unified and comprehensive ISR solution. TAISR supports BAE GXP Xplorer, iSToRE and SOCET GXP; Overwatch GeoCatalog and RemoteView PRO; Microsoft Office; LibreOffice; and the Cesium visualization suite. Simple adaptors allows interoperability with a host of other popular COTS tools.

KEY FEATURES

REQUEST FOR INFORMATION (RFI)
- Submit RFIs via a Web-based client, offline RFI form, or a Web services Application Programming Interface (API).
- Review and approve, reject, de-duplicate and track responses to submitted RFIs.

REQUIREMENTS FOR MISSION MANAGEMENT
- Modern card-based Web user interface to create and manage information needs and requirements
- Tracks completed work products and other relevant data to requirements for auditing and analysis.
- RFI and requirement subscription services keep decision makers informed of mission status

TARGET MANAGEMENT
- Import and export of data of Modernized Integrated Database (MIDB) and other target databases
- Create local target decks to manage ad-hoc areas of interest, including support for mobile objects

AUTOMATED COLLECTION MANAGEMENT
- Submit requests to external collection systems.
- Track collection status and correlate collected data with requests.

VISUALIZATION
- Web services Cesium-based 3D globe view to search and visualize targets, requirements, tasks and content.
- Export data into KML, GeoJSON and other standard formats for use by other tools.

TASKS AND PACKAGES
- Tasks are automatically generated for ingested data that matches existing active requirements.
- Packages provide a collaborative workspace for submitting finished work products as a single package for review.

SMART METRICS
- Web-based dashboard using charts, graphs and other views to visualize overall team status
- Proactively manage areas of coverage with out-of-date data, potential bottlenecks and resource issues

LOW COST
- TAISR uses Free/Libre Open Source Software (FLOSS) eliminating expensive third-party licensing agreements.
- 100% web services solution supports platform independent workstations.

MODULAR, SCALABLE AND EXTENSIBLE
- Modular: Integrated with a variety of third-party tools, such as Cesium, DIAMONDShield™, GeoFlix®, and more.
- Scalable: Supports smaller organizations with dozens of users, or scale up to hundreds or thousands of users.
- Extensible: TAISR uses RESTful services and adaptors to interface with a wide array of ISR tools.

TAISR SUPPORTS

INTELLIGENCE
- 3-letter agencies, FEMA, Homeland Security
- ISR Cells – analysts, cartographers, assessment officers

MILITARY
- Air Operations Centers
- Intelligence Centers
- Targeteers, BDA analysts, weaponeers

CIVILIAN
- Disaster/Emergency Response
- Search & Rescue
- Police, Border Patrol
- Remote Sensing Applications