

SYNCHRONIZED PREDEPLOYMENT AND OPERATIONAL TRACKER – ENTERPRISE SUITE SPOT-ES



WHAT IS TOPSS?

Total Operational Picture Support System

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The Total Operational Picture Support System (TOPSS) is the reporting and analysis component of the Synchronized Predeployment and Operational Tracker – Enterprise Suite (SPOT-ES). TOPSS is a secure business intelligence solution that provides dynamic, ad hoc reporting on a Service Oriented Architecture (SOA). Its purpose is to put the power of data reporting and analysis into the hands of analysts to make immediate and effective decisions.

TOPSS uses the consolidated SPOT-ES database of all deployed contractors to present information as movement or deployment widgets, as standard and drill-down Excel reports, and as geographic map displays.

Powerful Data Analysis Tools

TOPSS builds virtual relationships between the available data through a process called Virtual Data Relationship Mapping. This means that analysts do not have to be concerned with how data elements relate, nor do they have to build relational “joins” in reports and queries. Instead, they can focus on the data and the questions they need to answer.

TOPSS builds a catalog of Virtual Data Entities that extend across accessible data sources. In effect, TOPSS creates a virtual person by consolidating the data from multiple sources, such as work records and location scans. TOPSS presents analysts with a simple, single entity to study, without having to be concerned with the data sources or how to consolidate them.

TOPSS provides reports in five standard categories: Administration, Audit Compliance, Contracting, Operations/Planning/Logistics, and Personnel. TOPSS generates reports from person record and location-based data and provides location coordinates on several standard map display platforms that are similar to Google Maps or Google Earth. TOPSS can show time-based locations and movement of entities, and perform proximity queries to show what entities were near each other at various points in time. TOPSS supports historical and data trend analysis through multiple forecasting methodologies, such as Straight Line, Polynomial, Exponential, Logarithmic, Plus Up, Rolling Average, and Historical Pattern.

Data/Security

Security of data accessed through TOPSS is heightened by a series of built-in filters to ensure that users only see data that they are authorized to see. TOPSS utilizes a Cross Domain approach with XML requests through a secure guard to pull data from unclassified to classified networks for higher-level information analysis.

Data viewing within TOPSS is set by the user’s access level. Users can only see authorized data entities, usage activities, and results. Some data, such as Social Security Number, is filtered or masked for privacy.

Data is also filtered by user groups so that Combatant Command (COCOM) users only see data relevant to their COCOM, while government agency users only see data related to their agency, and so on. All data access is fully audited and archived for traceability.

For more information, contact:

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