



USTRANSCOM Science and Technology

Transportation Tracking Number

Overcoming barriers to force movement visibility

Project Summary:

Over the past 20 years, the DOD's joint planning and execution community has continued to seek ways to compare actual execution detail with its associated planned movement.

The classified planning domain of Joint Operation Planning and Execution System (JOPES) and the unclassified execution domain of the Defense Transportation System (DTS) use significantly different data models with differing levels of detail. For that very reason, an accurate, detailed portrayal of "plan versus actual" has met challenges.



The United States Transportation Command (USTRANSCOM) and United States Joint Forces Command (USJFCOM) have sponsored a FedEx-like tracking number concept for all DOD unit deployment cargo. The initiative is called the Transportation Tracking Number (TTN). The basic concept for the unit movement TTN has several critical characteristics:

- each number is truly unique over a significant timeframe (upwards of ten years);
- each number is a data key that can cross the classification boundary without comprising OPSEC;
- the number is assigned as early in the deployment planning process as possible;
- and
- this number remains associated with the shipment data in every system that processes and stores transportation data.

Return on Investment: TTN offers the opportunity to transform the world of deployment data.

The joint effort resolves many long-standing issues with deployment data quality, while at the same time fulfilling critical command and control objectives. Because the TTN initiative provides linkages across JOPES and the unclassified transportation systems, it offers the opportunity to assemble an accurate "plan vs. actual" picture at the item level of detail.

Very simply, TTN allows unit equipment to be moved on any plane or ship without loss of In-Transit Visibility (ITV), and more importantly, its OPLAN relationship. It enhances command and control of deployment from origin to destination, affording commanders better insight for posturing support, coordinating delivery and conducting capability assessments.

Duration of project: FY07-FY09

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