Integrated Data Environment (IDE) / Global Transportation Network (GTN) Convergence (IGC)

22 Mar 07
**IDE/GTN Convergence (IGC) Vision**

**Vision:** Provide common integrated data and application services enabling cohesive distribution solutions for the DoD

**Enables:**
- Common logistics picture
- Distribution visibility
- Material asset & in-transit visibility

**Benefits:**
- Enhanced delivery of forces & sustainment
- Improved situational understanding
- Near real-time Enterprise Access to logistics and transportation data
- Improved trust and confidence

**IDE / GTN Convergence**

**Unity Of Effort**

- Business Application Tools
- Logistics Visibility
- Transportation C² and ITV Services

**DLA Data Integrated Data Environment PM**

**USTC Data Global Transportation Network PM**
How?

**Two Major Ways:**

- State-of-the-art capability to perform reporting, ad hoc queries, drill-down, and data mining
- Single point of access to data within DLA and USTRANSCOM, and between DLA/USTRANSCOM and external systems

**Strategic Objectives - GTN (FY 07-08) and IGC (FY09-10):**

- Single sign-on to the GCSS-J portal – improves war-fighting user experience
- Pub/Sub Access To Data - ensures reliable, accessible, and uniform decision making
- Enterprise Data Warehouse - provides supply chain, distribution, and logistics data that is trusted across the end-to-end enterprise
- Enterprise Data Brokering - provides Joint Deployment and Distribution Enterprise (JDDE) information, data, and status in a form suitable for the decision making and planning processes of the Combatant Commander

![Diagram showing integrated data environment and single sign-on](image-url)
Implementation Plan

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**GTN**
- Pre-planned Product Improvement (P3I)

**Convergence**
- Exit Criteria:
  - Convergence Study
  - Joint FRB Established
  - PMO Roles/Responsibilities/Structure CONOPS
- USTC/DLA Planning

**IDE**
- DLA IDE Capability Needs
- Enhance IDE Infrastructure
- Incremental Data Integration Capability Delivery

**AV**
- JTAV retires

**End-State Objectives:**
- Common Applications
- Integrated Logistics, Distribution, Supply Chain Data
- Improved Materiel Visibility
- Logistics Information Fusion

**Milestone Decision**
- Incremental Application Capability Delivery

**Phase A**
- GTN21 Close-Out Decision
- Establish PMO
- Concept Development & Demonstration (via GTN and IDE)
Specific Goals Of GTN (FY 07-08) and IGC (FY09-10)

- **Retire the existing GTN operational data store** via separation of data from application and convergence with the IDE without disruption to the mission critical systems that currently rely upon GTN for data.

- **Migrate USTRANSCOM’s BDSS** system into the EDW environment

- **Migrate existing GTN and new J-FRB approved front-end user capabilities into a Single Sign-On environment utilizing the GCSS-J high and low-side portals for user access.**

- **Provide the DoD access to integrated data required for decision support from DLA and USTRANSCOM systems from a single place.** Initial scope is the data from systems required to retire the legacy GTN data store.

- **Provide timely access to historical data** by creating an automated infrastructure to capture and broker up to five years of historical information.

- **Improve data quality by providing quantitative measurement reports** of data quality to authorized users. Provide a mechanism for functional users to directly compare quality of data in the IGC environment to source systems.

- **Provide organized and understandable meta-data that allows authorized users to determine the genealogy of information they see in the IGC.**