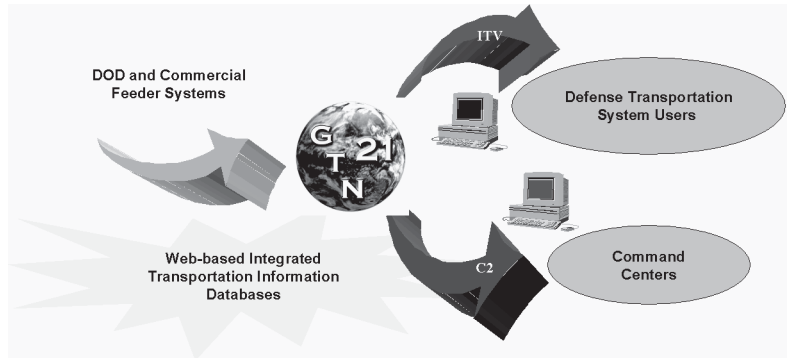


Global Transportation Network 21st Century (GTN 21)

SUMMARY

- Global Transportation Network 21st Century (GTN 21) Release 1.1 developmental test/operational assessment identified problem areas in two of five major areas of interest.
- The developmental test/operational assessment of Releases 1.2 and 1.3 will further clarify system performance status and assess system readiness for Increment 1 Initial Operational Test and Evaluation (IOT&E). Increment 1 subsumes Releases 1.1, 1.2, and 1.3.



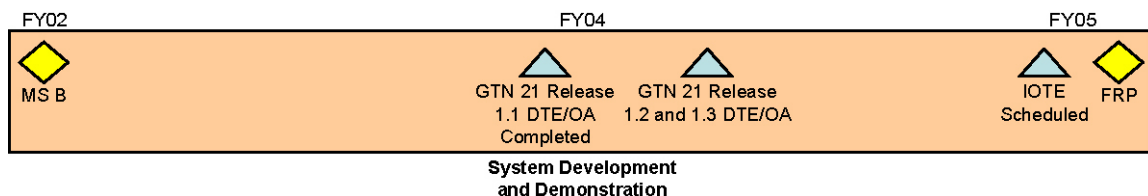
GTN 21 will provide in-transit visibility and Command and Control for the United States Transportation Command to meet operations planning and analysis support requirements.

SYSTEM DESCRIPTION AND MISSION

GTN 21 is an upgrade to GTN, which the United States Transportation Command developed after the 1991 Gulf War to provide an extensive database of transportation information. GTN 21 will provide in-transit visibility and Command and Control for Headquarters United States Transportation Command to meet operations planning and analysis support requirements. GTN 21 extends the basic function of GTN, which provides in-transit visibility of forces, personnel, and materiel for DoD users at all levels. Currently, there are more than 10,000 registered users for GTN. On average, the system performs three million transactions a day. The upgraded system design, GTN 21, accommodates more than six million transactions a day and provides a data warehouse with at least two years of historical data.

GTN 21 is a web-based system that will have more external interfaces than GTN. In addition to in-transit visibility, GTN 21 will provide command and control capability. GTN 21 will have a standard database structure, which is well documented and easily accessible by Defense Transportation System users and systems. GTN 21 supports the information needs of users in planning, directing, and monitoring global transportation activities. With the ability to provide simultaneous support of multiple events with real-time, historical, and/or forecasted transportation data, GTN 21 will be invaluable to the DoD transportation planners. GTN 21 will also provide an archive of historical data to store selected operational contingencies and major exercises to support future analysis and decision-making.

TEST AND EVALUATION ACTIVITY



DOT&E approved a Test and Evaluation Master Plan for GTN 21 in January 2003. In FY04, there have been three combined developmental tests/operational assessments for Releases 1.1, 1.2, and 1.3. The developmental test/operational assessment for Releases 1.2 and 1.3 is ongoing. The IOT&E is planned for 2QFY05.

AIR FORCE PROGRAMS

TEST AND EVALUATION ASSESSMENT

The developmental test/operational assessment of Release 1.1 met the objectives of the testing. Of the five major areas of interest, the testers scored three as satisfactory and two as marginal. The Interface Manager was unable to process several of the source system data files, resulting in a marginal rating. The Itineraries and Schedules function, with many outstanding unresolved priority 2 deficiencies, also received a marginal rating. DOT&E will review and assess the reports and data from Release 1.2 and 1.3 developmental test/operational assessment and Increment 1 IOT&E when available.