Concepts & Technology Mission

Solving Defense Transportation System projection and sustainment challenges through technology

- ☑ Leveraging public and private research
- ☑ Exploiting promising technologies
- ☑ Constructing seamless end-to-end systems

USTRANSCOM
Plans and Policy Directorate
Concepts & Technology Team
(TCJ5-SC)
508 Scott Drive
Scott AFB IL 62225-5357

DSN: 779-1109
COM'L: (618) 229-1109
FAX DSN: 576-7957
FAX COM'L: (618) 256-7957

http://www.transcom.mil
key word "R&D"

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CONCEPTS & TECHNOLOGY

Exploring Innovative Technologies

Plans & Policy Directorate (TCJ5)

- Strategy Division (TCJ5-S)
- Analysis Division (TCJ5-A)
  - Concepts & Technology Team (TCJ5-SC)
    - Modeling, Simulation and Analysis (MS&A)
    - Transportation Technologies
    - Advanced Concept Technology Demonstration
    - Future Concepts

Modeling, Simulation & Analysis Cell

- Articulate joint modeling and simulation requirements
- Seamless end-to-end analysis/decision support tools
- Cultivate an interoperable collaborative MS&A environment

Transportation Technologies Cell

- Focal point for future transportation-related technologies
- Integrate private and public sector research
- Analyze new technology impacts on power projection strategies

Advanced Concept Technology Demonstration Cell

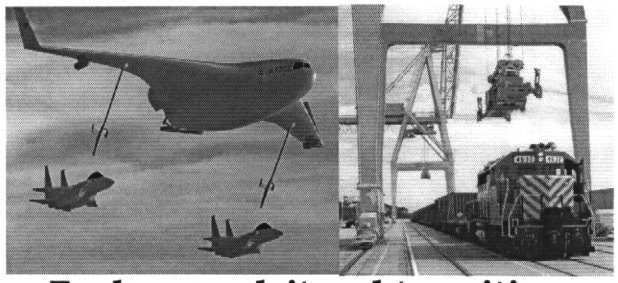
- Enhance Defense Transportation global situational awareness
- Cost-effective DTS operations through improved mode determination
- Improved intermodal analysis and situational awareness

Future Concepts Cell

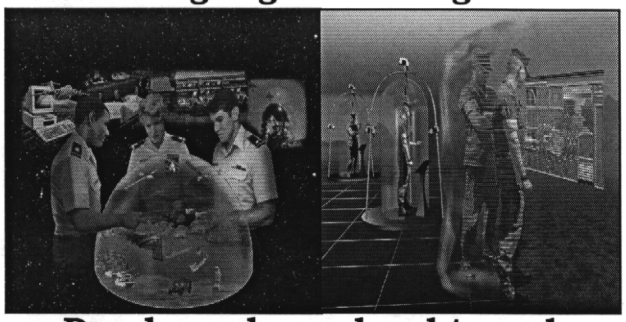
- Insertion of key technologies to enhance DTS command and control
- Leveraging joint experimentation to evaluate promising technologies
- Pursue information assurance and information system enhancements

Technology Goals

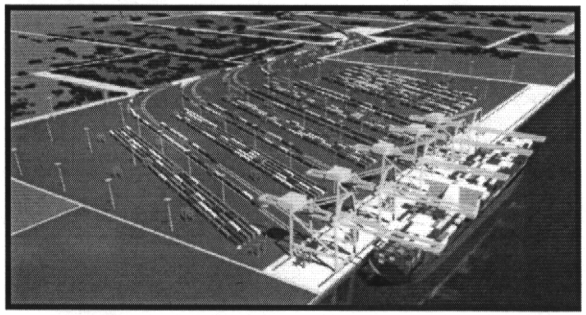
Establish strategic research and development partnerships within Department of Defense (DOD), non-DOD agencies, industry and academia



Explore, exploit and transition leading-edge technologies



Develop enhanced end-to-end decision support tools/systems



Improve throughput and responsiveness of the Defense Transportation System (DTS) to support future projection requirements