

# Warfighter Information Network–Tactical (WIN–T) Increment 3

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

## MISSION

To provide “full networking on-the-move” to combat/maneuver Army and Future Combat Systems as a mobile, multi-tiered, tactical communications/transport layer network, enabling joint land forces to engage enemy forces deeper and more effectively, incurring fewer losses.

## DESCRIPTION

Warfighter Information Network–Tactical (WIN–T) Increment 3 enables the full-objective mobile, tactical network distribution of command, control, communications, computers, intelligence, surveillance, and reconnaissance information via voice, data, and real-time video. Building on previous increments, Increment 3 provides more robust connectivity and greater network access via military specification radios, higher bandwidth satellite communications (SATCOM) and line of sight (LOS) waveforms, an air tier (LOS airborne relay), and integrated network operations. It manages, prioritizes, and protects information through network operations

(network management, quality of service and information assurance) while reducing organizational and operational support. It ensures communications interoperability with Joint, Allied, Coalition, Current Force, and commercial voice and data networks. Using communications payloads mounted on Unmanned Aerial Systems, Increment 3 introduces an air tier to increase network reliability and robustness with automatic routing between LOS and SATCOM. This extends connectivity and provides increased warfighter mobility, providing constant mobile communications.

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- **1QFY09:** Engineering field test to demonstrate technology maturity

## PROJECTED ACTIVITIES

- **1QFY12:** Critical design review

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Warfighter Information Network–  
Tactical (WIN–T) Increment 3**

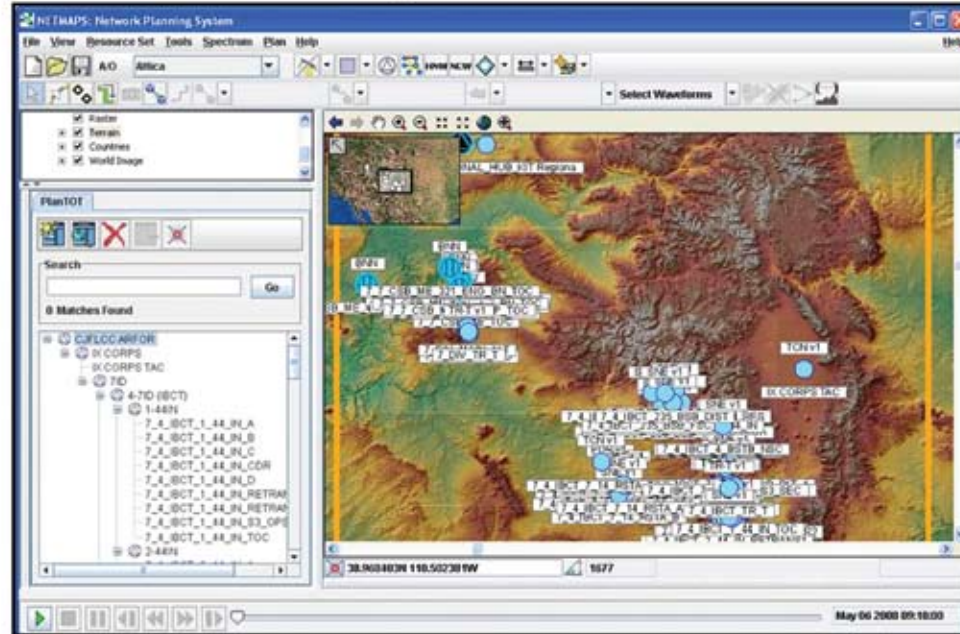
**WIN-T Increment 3 - Full Networking On The Move**



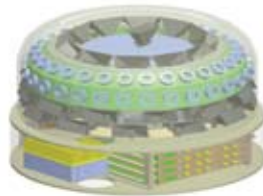
**4 Channel Air Cooled Radio**



**2 Channel Air Cooled Radio**



**Full Network Operations Capability**



**Dual Band LOS  
Antenna**



**Aerial Tier**

**FOREIGN MILITARY SALES**

None

**CONTRACTORS**

- General Dynamics C4 Systems  
(Taunton, MA)
- Lockheed Martin Mission Systems  
(Gaithersburg, MD)
- Harris Corp. (Palm Bay, FL)
- BAE Systems (Wayne, NJ)
- L-3 Communications (San Diego, CA)

