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

MISSION
Provides full networking on-the-move as a mobile, multi-tiered, tactical communications/transport layer network, enabling Joint land forces to engage enemy forces effectively.

DESCRIPTION
The 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 aerial 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. WIN-T Increment 3 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 increases network reliability and robustness. It extends connectivity and provides increased Soldier mobility, providing constant mobile communications.

SYSTEM INTERDEPENDENCIES
In this Publication

Other Major Interdependencies
BCT Modernization, Enhanced Position Location and Reporting System (EPLRS) (for Stryker Brigade Combat Teams only), Light Tactical Vehicle (LTV), Unmanned Aircraft Systems (UAS), Tactical NW Operations and Security Center (TNOSC), Wideband Global SATCOM (WGS)

PROGRAM STATUS
• 3QFY12: Transmission Subsystem (TSS) In Process Review

PROJECTED ACTIVITIES
• 3QFY13: Transmission Subsystem Critical Design Review (CDR)
• 4QFY14: Full Critical Design Review
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FOREIGN MILITARY SALES
None

CONTRACTORS
Prime:
General Dynamics (Taunton, MA, and Sunrise, FL)

Subcomponent:
Lockheed Martin (Gaithersburg, MD)

Subcontractors:
Harris Corp. (Melbourne, FL)
BAE Systems (Wayne, NJ)
L-3 Communications (San Diego, CA)