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

MISSION
Provides “full networking on-the-move” as a mobile, multilayer tactical communications 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 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
In this Publication

Other Major Interdependencies
Assistant Secretary of the Army for Acquisition, Logistics, and Technology
System-of-Systems (ASA(ALT) SOS), BCT Modernization, Enhanced Position Location and Reporting System (EPLRS), Light Tactical Vehicle (LTV), PEO Integration, PM Unmanned Aircraft System (UAS), Tactical NW Operations and Security Center (TNOSC), Wideband Gapfiller

PROGRAM STATUS
• 1QFY11: Revised Acquisition Program Baseline (APB)

PROJECTED ACTIVITIES
• 3QFY12: Transmission subsystem critical design review
• 4QFY13: Full critical design review
• 2QFY14-3QFY14: Transmission subsystem developmental test/limited user test
FOREIGN MILITARY SALES
None

CONTRACTORS
Prime:
General Dynamics (Taunton, MA; Sunrise, FL)
Subcomponent:
Lockheed Martin (Gaithersburg, MD)
Subcontractors:
Harris Corp. (Melbourne, FL)
BAE Systems (Wayne, NJ)
L-3 Communications (San Diego, CA)