Advanced Field Artillery Tactical Data System (AFATDS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides the Army, Navy, and Marine Corps automated fire support command, control, and communications.

DESCRIPTION

The Advanced Field Artillery Tactical Data System (AFATDS) pairs targets to weapons to provide optimum use of fire support assets and timely execution of fire missions. AFATDS automates the planning, coordinating, and controlling of all fire support assets (field artillery, mortars, close air support, naval gunfire, attack helicopters, offensive electronic warfare, fire support meteorological systems, forward observers, and fire support radars).

AFATDS will automatically implement detailed commander's guidance in the automation of operational planning, movement control, targeting, target value analysis, and fire support planning. AFATDS is designed to interoperate with the other Army battle command systems; current and future Navy and Air Force command and control weapon systems; and the German, French, British, and Italian fire support systems. The system has been used in operations in Iraq and Afghanistan.

SYSTEM INTERDEPENDENCIES

In this Publication
Tactical Mission Command (TMC)/ Maneuver Control System (MCS); Battle Command Sustainment Support System (BCS3); Distributed Common Ground System-Army (DCGS-A); Global Command and Control System-Army (GCCS-A)

Other Major Interdependencies
Lightweight Forward Entry Device (LFED), Pocket-Sized Forward Entry Device (PFED), Joint Automated Deep Operations Coordination System (JADOCS), Theater Battle Management Core System (TBMCS), Gun Display Unit-Replacement (GDU-R)

PROGRAM STATUS
- **2QFY11:** Full Materiel Release (FMR) of AFATDS 6.7.0 (BC11)

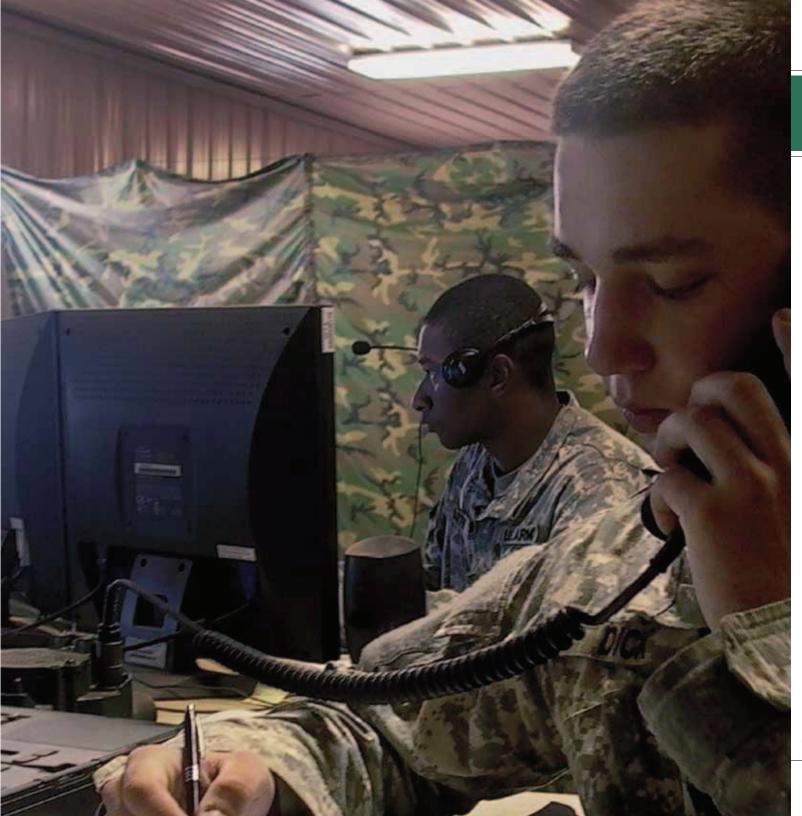## PROJECTED ACTIVITIES
- **1QFY13:** FMR of AFATDS 6.8.0 (BC13)

ACQUISITION PHASE

Technology Development	Engineering and Manufacturing Development	Production and Deployment	Operations and Support

Advanced Field Artillery Tactical Data System (AFATDS)

FOREIGN MILITARY SALES
Australia, Bahrain, Egypt, Jordan, Portugal, Taiwan, Turkey

CONTRACTORS
Software:
Raytheon (Ft. Wayne, IN)
Hardware:
General Dynamics (Taunton, MA)
Raytheon (Ft. Wayne, IN)
NET:
VIATECH (Lawton, OK)
Technical:
Computer Sciences Corp. (CSC)
   (Eatontown, NJ)
Fielding:
CACI (Eatontown, NJ)
IV&V:
L-3 (Lawton, OK)