

# Advanced Field Artillery Tactical Data System (AFATDS)

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

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## Description & Specifications

The Advanced Field Artillery Tactical Data System (AFATDS) performs the attack analysis necessary to determine optimal weapon-target pairing to provide automated planning, coordination, and control for maximum use of fire support assets (field artillery, mortars, close air support, naval gunfire, attack helicopters, and offensive electronic warfare).

AFATDS performs the fire support command, control, and coordination requirements of field artillery and maneuver from echelons above corps to battery or platoon in support of all levels of conflict. The system is composed of common hardware and software employed in varying configurations at different operational facilities (or nodes) and unique system software interconnected by tactical communications in the form of a software-driven, automated network.

AFATDS will automatically implement detailed commander's guidance in the automation of operational planning, movement control, targeting, target value analysis, and fire support planning. This project is a replacement system for the Initial Fire Support Automated System, Battery Computer System, and Fire Direction System. 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.

## Program Status

- **1QFY05–4QFY05:** Army operational assessment software blocking (SWB) (6.4)
- **1QFY06:** Urgent materiel release of AFATDS 6.4 to Operation Iraqi Freedom and Operation Enduring Freedom

## Projected Activities

- **3QFY06–2QFY07:** AFATDS 6.5 test fix test cycle (SWB 08-10)
- **2QFY07:** AFATDS 6.4 full materiel release and fielding
- **3QFY07:** AFATDS 6.5 Intra-Army interoperability certification
- **2QFY08:** AFATDS 6.5 full materiel release

## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

## Advanced Field Artillery Tactical Data System (AFATDS)

### FOREIGN MILITARY SALES

Bahrain, Egypt, Portugal, Turkey

### CONTRACTORS

#### Software:

Raytheon (Ft. Wayne, IN)

#### Hardware:

General Dynamics (Taunton, MA)

#### Technical support:

Computer Sciences Corp.

(Tinton Falls, NJ)

#### New equipment training:

Engineering Professional Services

(Lawton, OK)

#### Testing:

Titan Corp. (Lawton, OK)

