

# Advanced Field Artillery Tactical Data System (AFATDS)

## System Characteristics:

**TAMCN:** A25557G  
**NSN:** 5895-01-572-9499  
**Technology:** Computer/Digital  
**Spectrum:** N/A  
**Orientation:** N/A  
**Mobility:** OTM w/MTS  
**Power:** 120-240 Vac, 24 Vdc  
**Distance:** N/A

**Operational Mode:** N/A

**Encryption:** CNR

**Quantity Fielded:** 984

**AAO:** AFATDS AAO- 984, BUCS AAO - 428, MTS AAO - 154



**System Description:** AFATDS is an automated fire support C2 system consisting of fire support software and hardware which automates the fire support, fire control, and fire direction functions required to support maneuver from the sea and subsequent operations ashore. The Back-Up Computer System (BUCS) and Mobile Tactical Shelter (MTS) are associated with AFATDS FoS that fulfill requirements identified in the USMC O&O Change 4 (Draft).

## Locations:

**CE:** MEF, MEU, MEB

**GCE:** Div, Inf Regt FSCC, Arty Regt FDC, Arty Bn FDC, Arty Btry FDC

**ACE:** TACC

**LCE:** Combat Logistics Regt

## Programmatic Information:

**Manufacturer:** Raytheon (Software), GETAC (Hardware)

**Contract Vehicle:** W15P7T-09-D-N005/0004

**MCSC Acquisition Status:** Army led multi-service Program; ACAT II dated 30 Sep 1994; Life Cycle Phase 3 (Production)

**P3I:**

**IOC:** AFATDS 4QFY00; BUCS 2QFY06;  
 MTS 4QFY11

**FOC:** MTS 3QFY14

**Fielding Plan:**

**Unfunded Requirement:**

## Lifecycle Configuration Control:

**Initial Fielding:**

**Quantity Fielded:** AFATDS - 984, BUCS - 428,  
 MTS - 93

**Warranty:** CHS-4, 5-Year

**Logistics Support Concept:** 2 Level (O - D)

**Upgrades:**

**Variations:**

**Legacy Equipment Substitute:**

**Lifecycle Status:** Operations and Sustainmen

**Expected Replacement System:** AFATDS Increment 2

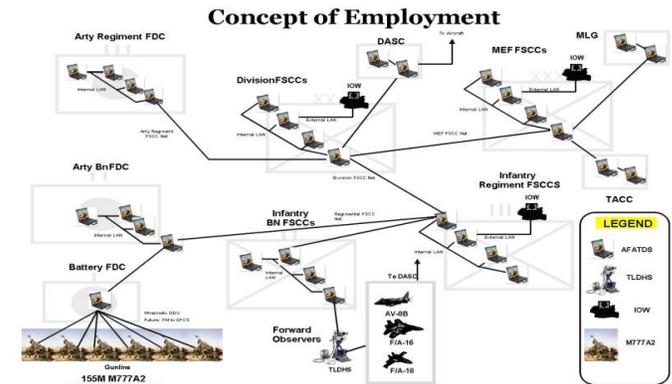
**Expected Replacement Timeframe:** FY18

## Requirement:

**Stated Need:** Provide an automated system that will assist commanders in the control and coordination of the Marine Corps fire support assets and aid in the management of associated digital communications nets at the MATGF.

**Operational Requirements Documentation (ORD):** U.S. Army ORD for AFATDS dated 23 SEP 1993

## Concept of Employment:



**Operational Impact:** AFATDS is the command, coordination, communication and computer system software used in the Fires warefighting function to plan, execute, and deliver effects at operational and tactical levels of command withing the operating forces.

## Risks:

**Cost:** Low

**Schedule:** Low

**Performance:** Low

**Status:** AFATDS and BUCS Currently fielded and in Operations and Sustainment.

MTS is currently being fielded. Have fielded systems to Support Establishments, I MEF and II MEF