

# Air/Missile Defense Planning and Control System (AMDPCS)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

### MISSION

Provides an automated command and control system that integrates Air and Missile Defense planning and operations for ADAM Systems, ADA Brigades, and AAMDCs.

### DESCRIPTION

The Air/Missile Defense Planning and Control System (AMDPCS) is an Army Objective Force system that provides integration of Air and Missile Defense (AMD) operations at all echelons. AMDPCS systems are deployed with Air Defense Airspace Management (ADAM) Systems, Air Defense Artillery (ADA) brigades, and Army Air and Missile Defense Commands (AAMDCs).

ADAM provides the commanders at Brigade Combat Teams (BCTs), fires brigades, combat aviation brigades, and division and corps tactical operations systems with situational awareness (SA) of the airspace. ADAM provides collaboration and staff planning capabilities through the Army Battle Command System and operational

links for airspace coordination with Joint, interagency, multinational, and coalition forces.

AMDPCS in ADA brigades and AAMDCs provides expanded staff planning and coordination capabilities for integrating defense of the air battlespace. AMDPCS includes shelters, automated data processing equipment, tactical communications, standard vehicles, tactical power, and the following two software systems for force operations/engagement operations: Air and Missile Defense Workstation (AMDWS) and Air Defense System Integrator (ADSI).

AMDWS is a staff planning and battlespace SA tool that provides commanders with a common tactical and operational air picture. ADSI is a fire control system that monitors and controls air battle engagement operations by subordinate or attached units.

### SYSTEM INTERDEPENDENCIES

None

### PROGRAM STATUS

- **4QFY08:** Complete fielding of AMDPCS to 31st and 35th ADA Brigades and to four composite AMD battalions procured in FY08
- **3QFY10:** BOIPs approved for AMDPCS Family of Systems
- **1QFY11:** Complete fielding of 10 ADAMs procured in FY10
- **1QFY11:** Complete FY10 reset of 32 ADAMs

### PROJECTED ACTIVITIES

- **2QFY11:** Fielding AMDWS version 6.5.1 with 3D display
- **4QFY11:** Fielding two ADA brigades and 6 ADAMs
- **1QFY12:** Complete FY10 reset projection of 34 ADAMs

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

## Air/Missile Defense Planning and Control System (AMDPCS)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

Northrop Grumman (Huntsville, AL)  
Ultra, Inc. (Austin, TX)

