

# Bradley Fighting Vehicle Systems Upgrade

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

### MISSION

Provides infantry and cavalry fighting vehicles with digital command and control capabilities, significantly increased situational awareness, enhanced lethality and survivability, and improved sustainability and supportability.

### DESCRIPTION

The Bradley M2A3 Infantry/M3A3 Cavalry Fighting Vehicle (IFV/CFV) features two second-generation, forward-looking infrared (FLIR) sensors—one in the Improved Bradley Acquisition Subsystem (IBAS), the other in the Commander's Independent Viewer (CIV). These systems provide "hunter-killer target handoff" capability with ballistic fire control. The Bradley A3 also has embedded diagnostics and an Integrated Combat Command and Control (IC3) digital communications suite hosting a Force

XXI Battle Command Brigade-and-Below (FBCB2) package with digital maps, messages, and friend/foe information. These systems provide the vehicle with increased shared battlefield situational awareness (SA). The Bradley's position navigation with GPS, inertial navigation, and enhanced squad SA includes a squad leader display integrated into vehicle digital images and IC3.

**Speed:** 40 mph

**Range:** 250 miles

**Payload:** 6,000 pounds

**Vehicle weapons:** 25mm, TOW II, 7.62mm

**M2/M3A3 MMBF required/actual:** 400/681

**Deployable aircraft:** C17, C5

### SYSTEM INTERDEPENDENCIES

#### In this Publication

None

**Other Major Interdependencies** Army Battle Command System (ABCS), Blue Force Tracker (BFT), FM Voice-Advanced SINGARS Improvement Program (ASIP) Radio, Forward Observer Systems (BFIST Only),

Ground Mobile Radio System (GMRS), System of Systems Common Operating Environment (SOSCOE)

### PROGRAM STATUS

- **1QFY12:** Fielded Bradley A3s and BFIST with FS3 to 1st Brigade, 3rd Infantry Division and to APS-4 Korea, as well as A3s to TSS Korea
- **2QFY12:** Fielded Bradley A3s from LBE to 1st Brigade, 4th Infantry Division and to 4th Brigade, 1st Cavalry Division; Fielded ODS from LBE to 11 ACR
- **3QFY12:** Fielded A3s from LBE to 3rd and 2nd Brigade, 1st Cavalry Division; Fielded A3s and BFIST with FS3 to 2nd Brigade, 1st Infantry Division and to 116th HBCT, ID NG
- **4QFY12:** In process of fielding Bradley A3s and BFIST with FS3 to 155th HBCT, MS NG and to 1st Brigade, 1st Infantry Division and ODS-SAs to 278th HBCT, TN NG; Planning for fieldings to A3s to 1st Brigade, 1st Cavalry Division

### PROJECTED ACTIVITIES

- **1QFY13:** Field Bradley A3s to 2nd Brigade, 4th Infantry Division from LBE
- **1QFY13:** Field Bradley A3s to 1st Brigade, 1st Cavalry Division some from LBE and 65 from production
- **2QFY13:** Field ODS-SAs to 1-34th
- **3QFY13:** Field ODS-SAs to 145 CAB
- **2QFY14:** Field ODS-SAs to 118th CAB and 55/28 HBCT
- **3QFY14:** Field ODS-SAs to 137th CAB

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

## Bradley Fighting Vehicle Systems Upgrade

### FOREIGN MILITARY SALES

None

### CONTRACTORS

#### Prime:

BAE Systems (York, PA; Santa Clara, CA)  
DRS Technologies (Palm Bay, FL)  
Raytheon (McKinney, TX)  
L-3 Communications (Muskegon, MI)  
Curtiss-Wright (Littleton, MA)  
Elbit Systems of America (Fort Worth, TX)

