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 MMRF 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 SINCgars 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
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)