

Force XXI Battle Command Brigade and Below (FBCB2)

INVESTMENT COMPONENT

- Modernization
- Recapitalization
- Maintenance

MISSION

Provides integrated, on-the-move, timely, relevant battle command information to tactical combat leaders and Soldiers from brigade to platform and across platforms within the brigade task force and other Joint forces.

DESCRIPTION

The Force XXI Battle Command Brigade and Below (FBCB2) forms the principal digital command and control system for the Army at brigade levels and below. It provides increased situational awareness (SA) on the battlefield by automatically disseminating throughout the network timely friendly force locations, reported enemy locations, and graphics to visualize the commander's intent and scheme of maneuver.

FBCB2 is a key component of the Army Battle Command System (ABCS). Appliqué hardware and software are integrated into the various platforms at brigade-and-below, as well as at appropriate division and corps slices necessary to support brigade operations.

The system features platform interconnections through two communication systems: FBCB2-Enhanced Position Location Reporting System (EPLRS), supported by the tactical Internet; and FBCB2-Blue Force Tracking, supported by L-Band satellite. The Joint Capabilities Release (JCR) is the next software release and addresses Joint requirements, database simplification, Type 1 encryption, a product line software approach, and enables the transition to the Blue Force Tracking II (BFT II) transceiver, allowing a tenfold increase in data throughput. FBCB2 is the primary platform-level digital Battle Command (BC) for the Army and Marine Corps at brigade-and-below, consisting of computer hardware and software integrated into tactical vehicles and aircraft. The system distributes SA

data and BC messages within/between platforms and command posts using the Lower Tactical Internet EPLRS or L-Band satellite as its means of communication.

The Joint Capabilities Release (JCR), which acts as a bridge between FBCB2 and Joint Battle Command-Platform, is part of Capability Set 13 (CS 13), the Army's first package of network components, associated equipment, and software that provides integrated connectivity from the static tactical operations center to the commander on-the-move to the dismounted Soldier. CS 13 begins fielding to Brigade Combat Teams in October 2012.

SYSTEM INTERDEPENDENCIES

In this Publication
Advanced Field Artillery Tactical Data System (AFATDS), Battle Command Sustainment Support System (BCS3), Distributed Common Ground System-Army (DCGS-A), Movement Tracking System (MTS), Nett Warrior (NW), Warfighter Information Network Tactical (WIN-T) Increment 2, Warfighter Information Network Tactical (WIN-T) Increment, Warfighter Information Network-Tactical (WIN-T) Increment 1

Other Major Interdependencies
AMDWS, ASAS, BFT-AVN, DTSS, CPOF, JTCW, JSTARS, MCS, JC2C

PROGRAM STATUS

- **Current:** FBCB2 hardware and software have transitioned to sustainment

PROJECTED ACTIVITIES

- **Continue:** Deployment of FBCB2/JCR and BFT-2

ACQUISITION PHASE

- Technology Development
- Engineering & Manufacturing Development
- Production & Deployment
- Operations & Support



Force XXI Battle Command Brigade and Below (FBCB2)

FOREIGN MILITARY SALES

Australia

CONTRACTORS

Software, Encryption, and Installation Kits Prime:

Northrop Grumman (Carson, CA)

Field Service Representatives, Trainers, Installers:

Engineering Solutions and Products (ESP)
(Eatontown, NJ)

Hardware:

DRS Technologies (Palm Bay, FL)

ViaSat Inc. (Carlsbad, CA)

Program Management Support:

CACI (Eatontown, NJ)

Test Support:

MANTECH (Killeen, TX)

Aviation Hardware:

Prototype Integration Facility
(Huntsville, AL)

