

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). Appliance 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 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.

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 1, WIN-T Increment 2, WIN-T Increment 3

Other Major Interdependencies

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

PROGRAM STATUS

- **Current:** In production

PROJECTED ACTIVITIES

- **Current:** Continue production

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)

