

Joint Battle Command-Platform (JBC-P)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides accurate, on-the-move, digital command and control and situational awareness to tactical leaders at all echelons to the platform and dismounted domains.

DESCRIPTION

Joint Battle Command-Platform (JBC-P) is a foundation for achieving information interoperability between Joint warfighting elements on current and future battlefields. As the next generation of Force XXI Battle Command Brigade and Below (FBCB2) technology, it will be the principal command and control system for the Army and Marine Corps at the brigade-and-below level, providing users access to the tactical information necessary to achieve information dominance over the enemy. It consists of computer hardware and software integrated into tactical vehicles, aircraft, and provided to dismounted forces. JBC-P uses a product line approach to software development to save costs and promote a common architecture. Components include a core software module that provides common functionality required of all platforms and tailored software modules with unique capabilities for

dismounted, vehicle, logistic, aviation, and command post elements. JBC-P software is designed for use over the Blue Force Tracking II transceiver and associated satellite networks, as well as ground-based networks. Other key enhancements include a redesigned, intuitive user interface and faster mapping software to quickly process and display critical graphics. It will be the primary provider and user of digital battle command and situational awareness across the spectrum of operations and will allow Warfighters to more effectively and consistently communicate critical information over networks that connect the most distant and remote locations.

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), Force XXI Battle Command Brigade and Below (FBCB2), Movement Tracking System (MTS), Nett Warrior (NW), Warfighter Information Network-Tactical (WIN-T) Increment 1, Warfighter Information

Network-Tactical (WIN-T) Increment 2, Warfighter Information Network-Tactical (WIN-T) Increment 3

Other Major Interdependencies

AMDWS, ASAS, BFT-Avn, DTSS, CPOF, JTCW, JSTARS MCS, JTRS HMS, JC2C

PROGRAM STATUS

- **4QFY09:** Milestone B
- **4QFY10:** Battlefield automation appraisal

PROJECTED ACTIVITIES

- **2QFY11:** Awarded two Broad Area Announcement (BAA) contracts for Handheld prototyping and evaluation
- **3QFY12:** JBC-P Milestone C Decision review
- **Continuing:** JBC-P development and testing for Capability Set (CS) 13-14; evaluate and select hardware candidates; conduct integration with legacy hardware; conduct developmental and operational testing; continue software development for CS15-16 and CS17-18

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Joint Battle Command-Platform (JBC-P)

FOREIGN MILITARY SALES

None

CONTRACTORS

Software Development (Government performing):

Software Engineering Directorate (SED),
AMRDEC (Huntsville, AL)

Program Support:

CACI (Eatontown, NJ)

Subject Matter Expert:

MITRE (Eatontown, NJ)

Handheld Prototyping:

General Dynamics C4 Systems
(Scottsdale, AZ)

Handheld Prototyping:

DRS (Palm Bay, FL)

