Joint Battle Command–Platform (JBC-P)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION
Provides primary platform–level digital mission command for the Army, Marine Corps, and the Special Operations Forces (SOF) by distributing situational awareness (SA) data and mission command messages within/ between platforms, dismounted leaders, and command centers/posts across celestial and terrestrial networks.

DESCRIPTION
Joint Battle Command–Platform (JBC-P) is the foundation for achieving information interoperability between Joint warfighting elements on current and future battlefields. As the next generation of the battle-tested Force XXI Battle Command Brigade-and-Below (FBCB2) technology, it will be the principal command and control system for the Army, Marine Corps, and Special Operations Forces units at the brigade-and-below level.

JBC-P provides users access to the tactical data necessary to gain and retain the tactical and operational initiative under all mission, enemy, terrain, troop, time, and civilian conditions despite an accelerated tempo. JBC-P contributes to the SA component of combat identification (CID) resulting in greater combat effectiveness and reduced fratricide. It consists of computer hardware and software integrated into tactical vehicles and aircraft, and is provided to dismounted forces.

JBC-P uses a product line approach to software development to reduce 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, logistics, aviation, and command post elements. It also provides one-way SA reporting called Beacons to track 100 percent of the vehicles in the operational environment or battlefield. 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, more intuitive user interface with drag and drop icons, a faster map engine (includes touch-to-zoom), free draw, and group chat. It also provides an integrated Tactical Ground Reporting (TIGR) functionality.

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), Joint Tactical Radio System (JTRS), 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
Blue Force Tracking-Aviation (BFT-Avn), MCWS/CPOF, Joint Tactical COP Workstation (JTCW), Soldier Radio Waveform (SRW)

PROGRAM STATUS
- **1QFY12:** NIE 12.1 (SUE)
- **3QFY12:** NIE 12.2 (SUE)
- **4QFY12:** Milestone C Decision

PROJECTED ACTIVITIES
- **Continue:** JBC-P development and testing for Capability Sets (CS) 14 and 15
- **3QFY13:** NIE 13.2: Initial Operational Test & Evaluation
- **4QFY13:** Full-rate production decision
- **1QFY14:** Initial operating capability

ACQUISITION PHASE

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

Joint Battle Command– Platform (JBC-P)

FOREIGN MILITARY SALES
None

CONTRACTORS
Software Development (Government Performing):
Software Engineering Directorate, AMRDEC (Huntsville, AL)
Program Support:
CACI (Aberdeen Proving Ground, MD)
Subject Matter Expert:
MITRE (Aberdeen Proving Ground, MD)
TIGR Production Engineering:
General Dynamics C4 Systems (Scottsdale, AZ)