

Tactical Battle Command (TBC)/Maneuver Control System (MCS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides the tactical battle command core environment and common services baseline for executive decision-making capabilities, maneuver functional and battle staff tools, and enterprise services.

DESCRIPTION

Tactical Battle Command (TBC)/Maneuver Control System (MCS) is a suite of products and services that includes the Command Post of the Future (CPOF), Battle Command Common Services (BCCS), Maneuver Control System (MCS), Joint Convergence effort with the United States Marine Corps (USMC), tactical SharePoint web portal, coalition interoperability, and integration of other Army Battle Command Systems (ABCS).

CPOF serves as the Army's mission critical command and control (C2) system that provides collaborative and situational awareness tools to support decision making, planning, rehearsal, and execution management. CPOF will serve as the foundation for the Battle Command Collapse effort, which will unify Battle Command Capabilities in one environment, allowing the commander and users to access fires, air, log, and maneuver capabilities (information and functionality) through one workstation and one interface.

BCCS provides the enabling infrastructure for ABCS and Tactical Battle Command and for migration to Net-Centric Enterprise Services environment. The Battle Command Server provides interoperability services, including the publish and subscribe service and data dissemination service. The server also supports Joint convergence with USMC by providing a data exchange gateway that allows the direct exchange of Common Operational Picture (COP) data between the Joint services. SharePoint portal services

are also provided for asynchronous collaboration managing business and operational processes and leveraging business intelligence tools for data analysis.

MCS version 6.4 is a mission-critical C2 system that allows commanders and staffs to visualize the battle space and synchronize the elements of combat power. MCS includes battle staff tools and maneuver functional capabilities, including Chemical, Biological, Radiological, and Nuclear tools, and engineering tools for combat and construction engineers.

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), Early Infantry Brigade Combat Team (E-IBCT) Capabilities IBCT Increment I, Global Command and Control System–Army (GCCS-A), Force XXI Battle Command Brigade and Below (FBCB2), Joint Battle Command–Platform (JBC-P),

Joint Effects Model (JEM), Joint Tactical Radio System Ground Mobile Radios (JTRS GMR), Joint Warning and Reporting Network (JWARN)

Other Major Interdependencies

AMDWS, AMPS, ASAS, GCCS, IMETS, JTCW/C2PC, NCES, TAIS, TBMCS, WIN-T

PROGRAM STATUS

- **3QFY08:** Joint Requirements Oversight Council approves MCS version 6.4 Capabilities Production Document
- **1QFY09:** Fielding decision (CPOF QR1)
- **3QFY10:** Operational demonstration of CPOF software with Personalized Assistant that Learns technology

PROJECTED ACTIVITIES

- **1QFY11:** Quarterly release of CPOF software version BC10.0.1

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Tactical Battle Command (TBC)/ Maneuver Control System (MCS)

FOREIGN MILITARY SALES

None

CONTRACTORS

General Dynamics (Taunton, MA;
Scottsdale, AZ)
CECOM Software Engineering Center (Fort
Monmouth, NJ)
Lockheed Martin (Tinton Falls, NJ)
CACI (Chantilly, VA)
Sensor Technologies (Red Bank, NJ)

