TBC AND THE BATTLE COMMAND COLLAPSE STRATEGY

Collapse is an evolutionary approach that will allow commanders and their staff the ability to achieve enhanced operational effectiveness by enabling broad human collaboration. Using CPOF as a platform for the maneuver portion of the BC Collapse Strategy, called the Battle Command Workstation, PM Battle Command will be able to substantially increase the ability to collaborate across a broad range of operations. CPOF was chosen as the best platform to increase commanders and their staffs' effectiveness since it represents the Army's gold standard for human-centered collaboration.

A core element of this strategy is that the CPOF application will be delivered as government-owned source code. By achieving this, Battle Command intends to maximize the ability to compete foundation development and sustainment as well as discrete application development.

By providing a government open-source framework to the defense community, good ideas for the operational force will begin and end in the targeted design environment. Successful development could then take advantage of Battle Command's worldwide presence and field support structure to scale promising capability Army-wide.

TBC FAST FACTS

- CPOF is the platform for the Battle Command Collapse strategy, the collaborative C2 capability and primary COP viewer used by the Army in all theaters
- BCCS provides virtualized server capabilities in a consolidated infrastructure for all ABCS, to include the SharePoint web portal and business intelligence tools
- Multilateral Interoperability Programme (MIP) was deployed for the first time in Afghanistan
- PM BC deployed three CPOF releases and integrated Personalized Assistant that Learns (PAL), a DARPA technology, into CPOF
- TBC has fielded over 7044 clients to force as part of the approved Army G3 Unit Set Fielding Schedule-totaling 278 units

PM Battle Command
http://peoc3t.monmouth.army.mil/

PEO C3T Technical Industrial Liaison Office (TILO)
http://peoc3t.monmouth.army.mil/TILO.html

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TACTICAL BATTLE COMMAND

CPOF • BCCS
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PROGRAM EXECUTIVE OFFICE COMMAND CONTROL COMMUNICATIONS-TACTICAL

WHAT IS TACTICAL BATTLE COMMAND?

Tactical Battle Command (TBC) is a suite of Project Manger Battle Command (PM BC) products that provide Army and joint community commanders and their staff a human-centered collaborative capability with integrated Voice over Internet Protocol (VoIP), a user-defined common operational picture (COP) and real-time situational awareness. In addition they supply a tactical SharePoint portal and Battle Command (BC) and Coalition interoperability to support Battle Staff functions. TBC supports Army Battle Command System (ABCS) interoperability, data management, and enterprise services that include e-mail, Active Directory, security, data backup and failover capabilities. TBC products include:

- *Command Post of the Future (CPOF)*
- *Battle Command Common Services (BCCS)*
- *Joint Convergence/Multilateral Interoperability Programme (MIP)*

TBC FAMILY OF SYSTEMS

CPOF

CPOF is the Army's primary Command and Control (C2) system that allows commanders and their staff the ability to achieve enhanced operational effectiveness by enabling broad human collaboration. CPOF provides a wide array of real-time situational awareness tools to support decision-making, planning, rehearsal, and execution management. This includes map-centric collaboration, which allows users to share their workspaces, map displays, and data with others equipped with CPOF. CPOF also has integrated VoIP capability as part of the fielded client.

Under PM BC's innovative quarterly software release strategy, TBC is currently deploying a new CPOF version to all units in the Central Command Area of Operations. This release marks the second successful deployment of CPOF software under this self-determination policy. This version provides many new capabilities to the Warfighter, including information-centric charts, increased MIL-STD-2525 graphics capabilities, and the DARPA Personalized Assistant that Learns (PAL) technology, which enables units to automate staff procedures and tasks. This version is also the foundation of the Battle Command Workstation, a central piece of PM BC Collapse strategy, which seeks to consolidate BC systems. The BC Workstation will leverage CPOF's ongoing migration to a Third Generation Architecture (3G), which will enable full-spectrum operations, global scalability and seamless transition between connected and disconnected operations.

BCCS

BCCS is the heart of interoperability for all Army Battle Command Systems. The BCCS architecture is designed for scalability both from a hardware and baseline software architecture perspective, and can be adopted to support various tactical unit standard operating procedures, processes, and integration needs.

The standardized Battle Command infrastructure is composed of three major parts: Information Services Infrastructure (ISI), ABCS Interoperability Services, and Collaboration Services (primarily Web Portal). The infrastructure components supporting enterprise services are fielded at each Corps, Division and Brigade Tactical Operations Center (TOC), supporting full interoperability for our modular tactical formations.

MIP

MIP enables Coalition commanders to exchange C2 information among countries. This exchange is designed to occur at all levels from Corps to Company, in order to support Multinational, Combined and Joint operations and the advancement of digitization in the international arena. MIP is currently deployed in theater.

LOGISTICS SUPPORT

TBC has a worldwide team of technical, fielding, and training support representatives dedicated to the successful employment and sustainment of all TBC systems both CONUS and OCONUS, to include embedded sustained support in all theaters of operations. TBC field support functions as part of the tiered support structure under the PEO C3T Single Interface to the Field (SIF) and the tier 2 TBC support team.

PM BC MISSION: Provides Integrated Battle Command Capabilities, training and support to the Joint Land Component Warfighter. PM BC's products enable Warfighters to plan and execute and synchronize tactical and operational warfighting functions to include maneuver, fires, sustainment, airspace management, and air defense. PM Battle Command also procures a common hardware computing baseline used by a broad range of Army products.