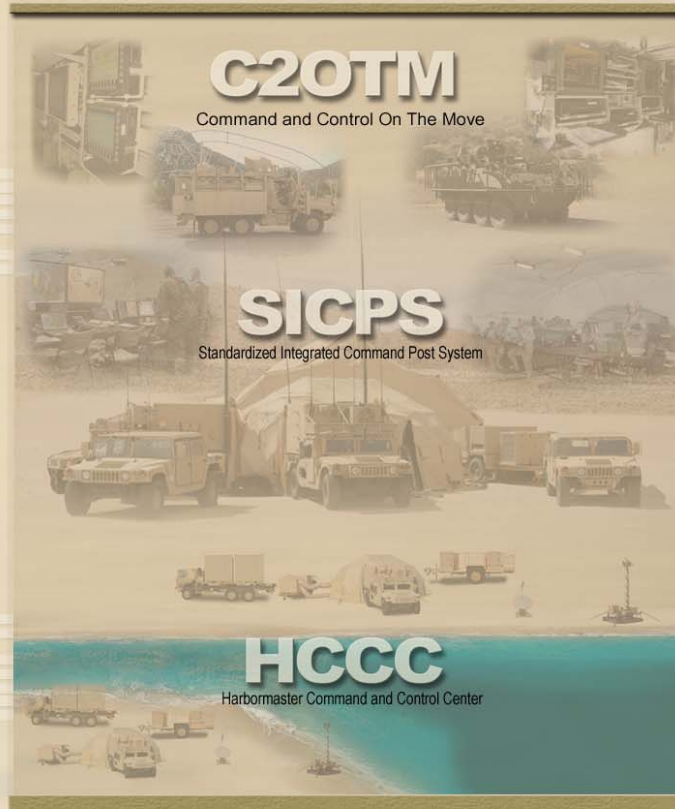# C2OTM
Command and Control On The Move

C2OTM is a C4 mission equipment package designed as a system and integrated into Bradley, Stryker and Mine Resistant Ambush Protected (MRAP) platforms. The C2OTM suite enables the commander to be present at the decisive point on the battlefield. It provides the relevant Common Operational Picture (COP) and enables resultant Situational Awareness (SA) while on the move.

- C2OTM utilitizes mature technologies delivered by Army project managers Government Off-The-Shelf (GOTS) and industry Commerical Off-The-Shelf (COTS) integrated into a single platform
- Enables the commander to be present at the decisive point on the battlefield
- Provides beyond line-of-sight SATCOM on-the-move communications capabilities
- Provides unclassified and classified voice and data connectivity for collaboration / Mission Command applications
- Provides a flexible classified computing solution
- Provides Unmanned Aerial Vehicle (UAV) live feed access
- Provides modular operator positions

Establishing the Command Post as a Weapon System
for In-Theater, Homeland Defense & Emergency Operations in Natural Disasters

Product Manager Command Post Systems & Integration (PdM CPS&I) is responsible for taking all of the Command, Control, Communications, Computer Intelligence and Reconniaissance (C4ISR) equipment that is used in a Tactical Operations Center (TOC) or Command Post and integrating it into platforms. These platforms provide standardized equipment and training that allows for easy setup, operation and maintenance of each TOC.

C2OTM
Command and Control On The Move

SICPS
Standardized Integrated Command Post System

HCCC
Harbormaster Command and Control Center

PEO C3T
PROGRAM EXECUTIVE OFFICE COMMAND CONTROL COMMUNICATIONS-TACTICAL

11277

CPS&I
Command Post Systems & Integration

✓ **Provides the mobility for full spectrum operations**
  - Quick-tear-down / setup
  - On-the-move / quick-halt capability

✓ **Comprehensive training for the unit & staff in the field**
  - Integrated fielding / training that meets the units' training objectives

✓ **Field & sustain the Command Post infrastructure**
  - Sustainable (life cycle support)
  - Environmentally controlled
  - Scalable Command Post

SICPS
Standardized Integrated Command Post Systems
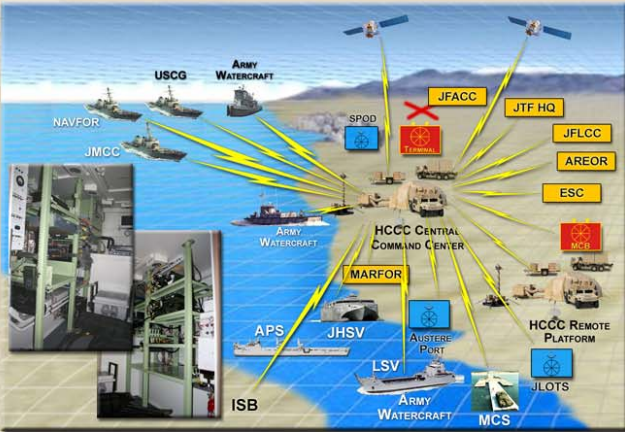
HCCC
Harbormaster Command and Control Center

C2OTM
Command and Control On The Move

U.S.ARMY

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Product Manager Command Post Systems and Integration

HCCC
Harbormaster Command and Control Center

SICPS
Standardized Integrated Command Post Systems

HCCC Provides Army and joint force command situational awareness, and commmand and control of watercraft operating out of sea port of debarkation, to include austere ports & Joint Logistics Over-The-Shore (JLOTS) Sites.

System Characteristics / Capabilities

- Leverages CPP, CCS, CPCS and TMSS-M capabilities from SICPS systems
- Sensors include: X-band radar, mast-mounted video camera, night vision camera, and side scan radar
- Vessel tracking via radar and Automatic Identification Systems (AISs)
- Maritime and military radios
- Movement Tracking System (MTS), Battle Command System - 3 (BCS-3) and Global Command and Control System - Army (GCCS-A) tactical applications
- Tactical power supporting 24 x 7 operations

HCCC System Composition

Command Post Platforms (CPP)

- Integrate up to 5 voice or data radios
- Uses multiple interfaces (fiber, serial, RJ45) to connect to other platforms
- Provides classified and unclassified networks connectivity throughout the Command Post (CP)
- Integrated Battle Command Common Services (BCCS) server connectivity
- Environmentally controlled and EMI shielded command and control shelter
- On board auxiliary power unit
- Built-In-Test (BIT) for system and network monitoring
- One operator station in cab of HMMWV

Command Center System (CCS)

- Large Scale Display (LSD) - simultaneous viewing of multiple feeds
  — Army Battle Command System (ABCS)
  — Common Operational Picture (COP)
  — Real time intelligence, surveillance, reconnaissance news

- Video system
  — 24-port Gigabit Ethernet switch with Power over Ethernet (PoE)
  — Up to 4 displays from 8 sources
  — Analog and digital video feeds
  — High-performance ultra-eXtended Graphic Array (uXGA) short-throw projector

Command Post Communications System (CPCS) - TOCNET

- Provides intercom access and control to tactical radios and telephones
- Supports integrated simultaneous remote control of multiple tactical radios and voice nets
- Supports Voice over Internet Protocol (VoIP) and conferencing for multiple locations

Trailer Mounted Support System (TMSS)

- Medium TMSS
  — Medium Shelter: 442 sq ft / 6 Tables
  — Trailer: Medium Shelter, 18Kw Generator, and 5-Ton ECU
  — Towable by HMMWV
- Large TMSS
  — Large Shelter: 1120 sq ft / 8 Tables
  — Trailer: Large Shelter, 35Kw Generator, and 12-Ton ECU
  — Towable by Light Medium Tactical Vehicle (LMTV) (2½ Ton)

Large Shelter

Medium Shelter