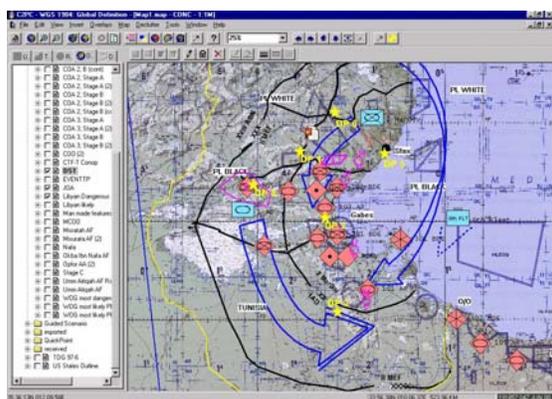


**Command and Control Personal Computer (C2PC)** is used at virtually all operational and tactical echelons from Headquarters Marine Corps down to the Platoon level. At the higher echelons C2PC is generally used as a client, connected to a C2PC Gateway, which is in turn connected to the Global Command and Control System, where it provides operators and Commanders with the Common Operational Picture (COP). At the lower echelons, C2PC has been configured to run on ruggedised Laptop- based Data Automated Communications Terminal (DACT), which is fielded down to the Platoon level. The C2PC is loaded on the Mounted DACT (MDACT) and a reduced capability program called C2CE has been developed for the Dismounted DACT (DDACT). The Global Positioning System (GPS) provides constant updating of a units position, which is then forwarded to the GCCS system database and distributed throughout the networks. At the lower echelons, the SINCGARS and EPLRS radio networks are used to provide Secure radio links. At the higher echelons, C2PC is linked through SIPRNET connections. Geographical and symbology filters are incorporated at lower echelons to prevent information overload. C2PC has been selected as the Joint Tactical COP application.

**Background:** The first Command and Control Systems used a UNIX based Tactical Data Base Manager (TDBM). The Marine Corps required a smaller laptop based system and C2PC running under Windows NT based system was developed. C2CE was developed to give the Marine on the ground the ability to see the COP along with messaging capabilities. C2PC is at milestone III with continuing development to increase capabilities.

## C2PC Fact Sheet



**Description:** C2PC is a software application providing the Common Operational Picture to the Operating Forces. It provides graphical situational awareness using overlays maps. C2PC displays Digital Terrain Elevation Data, Compress Arc Digitized Raster Graphics, and Controlled Image Base maps. VMF messaging is supported for radio links, and Mil Units are displayed using MIL STD 2525 symbology.

**MCTSSA Support:** MCTSSA hosts developmental testing for C2PC and provides technical support to C2PC's integration into tactical systems such as The Intel Ops Workstation (IOW), MDACT and a host of other systems which use C2PC software. MCTSSA supports the Joint C2PC User community with their MAGTF C4ISR Helpdesk and provides on-site technical support to the Operating Forces.

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