



Global Command and Control System (GCCS) is a joint mandated C2 automated data processing "system-of-systems" providing command and control, communications, computers and intelligence (C4I) capabilities for Marine Corps commands participating in joint planning and execution. The Target command for GCCS is the Joint Task Force (JTF) commander, CINC, and supporting CINCs, components and forces. GCCS consists of common hardware, a common operating system, common software (i.e. the Defense Information Infrastructure (DII) common operating environment (COE), and C2 applications.

Background: The GCCS replaced the Worldwide Military Command and Control System (WWMCCS). GCCS uses of state-of-the-art computers, routers and open systems client-based architecture, coupled with its use of the COE, has resulted in a significant increase in capabilities and flexibility over the previous WWMCCS. The GCCS was initially fielded for Initial Operating Capability (IOC) to selected Marine Corps commands during Fiscal Year (FY) 1995 96. A new hardware server technical refresh is scheduled for mid FY04. The two goals for GCCS are to integrate applications and to integrate data to provide a seamless battle picture for the command and control entities. The primary goal is the seamless integration of data, and the secondary is the integration of applications.

GCCS - AN/GYQ-92 Fact Sheet



Description: GCCS uses the SUN based Voyager II server with a 440MHz Ultra SPARC-IIi processor, Solaris operating software, and mission specific applications. The GCCS client is the IBM Thinkpad 40p. The Marine Corps GCCS hardware fielding effort is a non-developmental item (NDI) initiative with all hardware and associated software components being either commercial off-the-shelf (COTS) or government off-the-shelf (GOTS).

MCTSSA Support: Provides help desk support for Marine Corps GCCS fielded systems. The Program Office is utilizing MCTSSA'S robust Systems Integration Facility, which provides a test harness for the Program Office to verify the integration of IOS (V1) command and control systems into the Marine Corps' existing architecture through Systems of System testing.

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