

DESCRIPTION AND SPECIFICATIONS

The Global Command and Control System-Army (GCCS-A) is the Army's strategic and operational command and control (C2) system, providing readiness, planning, mobilization, and deployment capability information for strategic commanders. For theater commanders, GCCS-A provides the following:

- Common operational picture and associated friendly and enemy status information
- Force-employment planning and execution tools (receipt of forces, intra-theater planning, readiness, force tracking, onward movement, and execution status)
- Overall interoperability with joint, coalition, and the tactical Army Battle Command Systems (ABCS)

GCCS-A supports Army units from the strategic commanders and regional combatant commanders in the theater, down through the joint task force commander. As part of ABCS, GCCS-A provides a seamless Army extension from the joint GCCS system to echelons corps and below. Compatibility and interoperability are achieved by building the GCCS-A applications to function on the common operating environment and through interfaces with other C2 systems within the Army and other services.

The common operating environment specifies a common system infrastructure for all C2 systems in accordance with the joint technical architecture guidelines, which provide common support architecture and modular software for use by the services and agencies in developing mission-specific solutions to their C2 requirements. The hardware platform is based on commercial, off-the-shelf hardware and the products in the common hardware software II contract. The system architecture links users via local area networks in client/server configurations with an interface to the Secret Internet Protocol Router Network (SIPRNET) for worldwide communication.

PROGRAM STATUS

- **3QFY04-1QFY05** Continue integration and testing of GCCS-A Block IV
- **3QFY04-1QFY05** Support Operations Enduring Freedom and Iraqi Freedom (OEF/OIF) III
- 3QFY04-1QFY05 Complete staffing of joint command and control (JC2) capabilities development document (CDD), to include the Army annex

PROJECTED ACTIVITIES

- 2QFY05-3QFY05 Continue integration and testing of GCCS-A Block IV
- 2QFY05-1QFY06 Continue spiral development process in support of Army digitization and program requirements and develop program documentation for Joint Command and Control System (JC2) Block I
- 2QFY05-1QFY06 Continue directed fieldings and prepare for required support for OEF/OIF IV
- **3QFY05** Begin fielding of GCCS-A Block IV to support GCCS-Joint fielding



CONTRACTORS

Prime: Lockheed Martin (Springfield, VA)
Hardware:
General Dynamics (Taunton, MA)

GENERAL Dynamics (Taunton, MA GTSI Corp. (Chantilly, VA)

Fielding Support:

FC Business Systems (Springfield, VA)
Engineering Solutions and Products
(Eatontown, NJ)

Software Training: SAIC (Atlanta, GA)

VESTMENT COMPONENT

Modernization

ACQUISITION PHASE

Production and Deployment

nmand and Control System – Army (GCCS-A)

WEAPON SYSTEMS 2005 115