

Global Command and Control System–Army (GCCS-A)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides critical automated command and control (C2) tools for combatant commanders to enhance warfighter capabilities throughout the spectrum of conflict during Joint and combined operations.

DESCRIPTION

The Global Command and Control System–Army (GCCS-A) is the Army's strategic and operational 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 System (ABCS)

GCCS-A supports Army units from the strategic commanders and regional combatant commanders in 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. Force Readiness and Force Projection are provided by Defense Readiness Reporting System–Army (DRRS-A).

The common operating environment specifies a common system infrastructure for all C2 systems in accordance with the joint technical

architecture guidelines. These provide a 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. The system users are linked via local area networks in client/server configurations, operating at Secret/High over the Secure Internet Protocol Router Network for worldwide communication.

SYSTEM INTERDEPENDENCIES

In this Publication

Advanced Field Artillery Tactical Data System (AFATDS), Battle Command Sustainment Support System (BCS3), Tactical Battle Command (TBC)/Maneuver Control System (MCS)

Other Major Interdependencies

ABCS, ASAS, CPOF, DRRS, DTSS, GCCS-J, GSORTS, JOPES

PROGRAM STATUS

- **3QFY08–1QFY09:** Support Net-Enabled Command Capability (NECC) development of Army capability modules with unique Army requirements
- **3QFY08–4QFY10:** Support Operations Enduring Freedom and Iraqi Freedom (OEF/OIF)
- **3QFY08–4QFY10:** Release Defense Readiness Reporting System–Army (DRRS-A) Force Readiness Tool (Phase 3) to the field
- **1–4QFY10:** Support to the Joint Command and Control (JC2) Capability Analysis of Alternatives (AoA)

PROJECTED ACTIVITIES

- **1–4QFY11:** Continue spiral development in support of GCCS-A Version 4.2.x and DRRS-A Phase 4 requirements
- **1–4QFY11:** Continue directed fieldings and required support for OEF/OIF
- **1–4QFY11:** Continue support to the JC2 AoA and eventual approved JC2 Way Forward

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Global Command & Control System - Army

Global Command and Control System—Army (GCCS-A)

FOREIGN MILITARY SALES

None

CONTRACTORS

Develop and Field Software:

Lockheed Martin (Springfield, VA;
Tinton Falls, NJ)

System Hardware:

GTSI (Chantilly, VA)

Systems Engineering and Support:

Accenture (Reston, VA)

Field Support Reps:

Engineering Solutions and Products (ESP)
(Eatontown, NJ)

Systems Engineering and Integration:

Systems Technologies (Systek), Inc.
(West Long Branch, NJ)

Program Support:

Booz Allen Hamilton (Eatontown, NJ)

Systems Integration and Testing:

General Dynamics (Fairfax, VA)

