

Global Combat Support System – Joint (GCSS-J)

Executive Summary

- The Defense Information Systems Agency (DISA) formally changed this program name from Global Combat Support System Combatant Command/Joint Task Force (GCSS-CC/JTF) to GCSS-Joint (GCSS-J) on March 6, 2009.
- The Joint Interoperability Test Command (JITC) conducted an operational test of Global Combat Support System-Joint (GCSS-J) version 7.0.1 Secure Internet Protocol Network (SIPRNet) May 8-21, 2009.
- The DISA Acquisition Review Board approved fielding of the GCSS-J version 7.0.1 SIPRNet on June 19, 2009, based upon a favorable DOT&E assessment.
- JITC evaluated GCSS-J v7.0.1.2 Unclassified But Sensitive Internet Protocol Router Network (NIPRNet) in accordance with the DOT&E-approved test plan and found the system to be operationally effective and suitable in a report dated July 13, 2009. DOT&E concurs with the JITC assessment.
- The DISA Acquisition Review Board approved the fielding of the GCSS-J v7.0.1.2 NIPRNet on July 16, 2009.

System

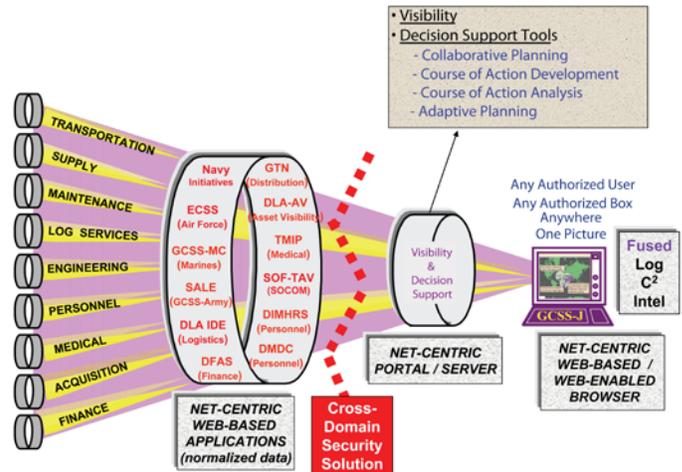
- The GCSS-J is a web portal that enables users at combatant commands and joint task forces to access joint logistics applications.
- The system supports planning, execution, and control for engineering, health services, logistics services, supply, distribution, and maintenance operations. It is comprised of strategic servers located in Montgomery, Alabama, and Pearl Harbor, Hawaii; a commercial off-the-shelf-based infrastructure; and Public Key Infrastructure.
- GCSS-J supports the situational awareness of the joint warfighter by providing the following applications: reports capability; watchboard (allowing rapid comparison of planned actions with actual events); electronic battlebook (organizing files and web pages into categories); knowledge management; business intelligence; mapping capability; joint engineer planning; and execution capability.

Mission

- Joint commanders use GCSS-J to move and sustain joint forces throughout the entire spectrum of military operations.

Activity

- JITC conducted an operational test of GCSS-J version 7.0.1 SIPRNet May 8-21, 2009. JITC implemented a new test approach based on the Capability Test Methodology, and revised Critical Operational Issues and Criteria.



- C² - Command and Control
- DFAS - Defense Finance and Accounting Service
- DIMHRS - Defense Integrated Military Human Resources System
- DLA-AV - Defense Logistics Agency - Asset Visibility
- DLA-IDE - Defense Logistics Agency - Integrated Data Environment
- DMDC - Defense Manpower Data Center
- ECSS - Expeditionary Combat Support System
- GCSS-Army - Global Combat Support System-Marine Corps
- GCSS-MC - Global Combat Support System-Marine Corps
- GCSS-Navy - Global Combat Support System-Navy
- GTN - Global Transportation Network
- IDE-AV - Integrated Data Environment - Asset Visibility
- SALE - Single Army Logistics Enterprise
- SIPRNET - Secret Internet Protocol Routed Network
- SOCOM - Special Operations Command
- SOF-TAV - Special Operations Forces - Total Asset Visibility
- TMIP - Theater Medical Information Program

- Combatant Command and Joint Task Force commanders and logistics staffs use the GCSS-J to gain end-to-end visibility of combat support capability up through the strategic level, facilitating information flow across and between combat support and command and control functions.

Prime Contractor

- Northrop Grumman Mission Systems, Herndon, Virginia

- The DISA Acquisition Review Board approved fielding of the GCSS-J version 7.0.1 SIPRNet on June 19, 2009, based upon a favorable DOT&E recommendation.

- The JITC risk assessment for the GCSS-J v7.0.1.2 NIPRNet recommended a Level 1 test (developmental testing followed by Operational Test Agency observation) in accordance with the DOT&E Guidelines for Conducting Operational Test and Evaluation for Software-Intensive System Increments. DOT&E agreed with the risk assessment.
- JITC evaluated GCSS-J v7.0.1.2 NIPRNet in accordance with the DOT&E-approved test plan and reported the system to be operationally effective and suitable on July 13, 2009.
- The DISA Acquisition Review Board approved the fielding of the GCSS-J v7.0.1.2 NIPRNet on July 16, 2009.
- DOT&E approved the Test Concept Brief from JITC for GCSS-J v7.1.0 on August 27, 2009. The v7.1.0 operational test occurred October - November 2009.

Assessment

- JITC conducted GCSS-J version 7.0.1 SIPRNet operational testing in accordance with the DOT&E-approved test plan with the exception that one of the functional modules (Joint Engineering Planning and Execution System) did not have a sufficient number of users to achieve statistical confidence.
 - The revised Capability Test Methodology, which focused on mission task accomplishment, was very effective in connecting the test results to operational impact.
- DOT&E concurs with the JITC assessment that GCSS-J v7.0.1 SIPRNet is operationally effective, operationally suitable, and

survivable. DOT&E further agrees with the following JITC findings:

- The system is effective, but users expressed desire for quicker processing of database queries.
 - The helpdesk function improved significantly; however, a continued emphasis on user support is necessary for the successful fielding of future increments.
 - Although the information assurance test was sufficient to determine that GCSS-J v7.0.1 SIPRNet does not pose additional risk to the system, it did not provide a comprehensive view of the information assurance posture of the host computing centers.
- JITC evaluated the GCSS-J v7.0.1.2 NIPRNet to be operationally effective, suitable, and survivable. DOT&E concurred with the JITC assessment.
 - The support of the Director for Logistics, DJ-4, was essential in directing sufficient user community participation for adequate assessment of operational effectiveness and suitability.

Recommendations

- Status of Previous Recommendations. DISA has taken appropriate action on the previous recommendations.
- FY09 Recommendation.
 1. The Program Office should continue the effort to improve timeliness of processing database queries.