

Deployable Joint Command and Control (DJC2)

Executive Summary

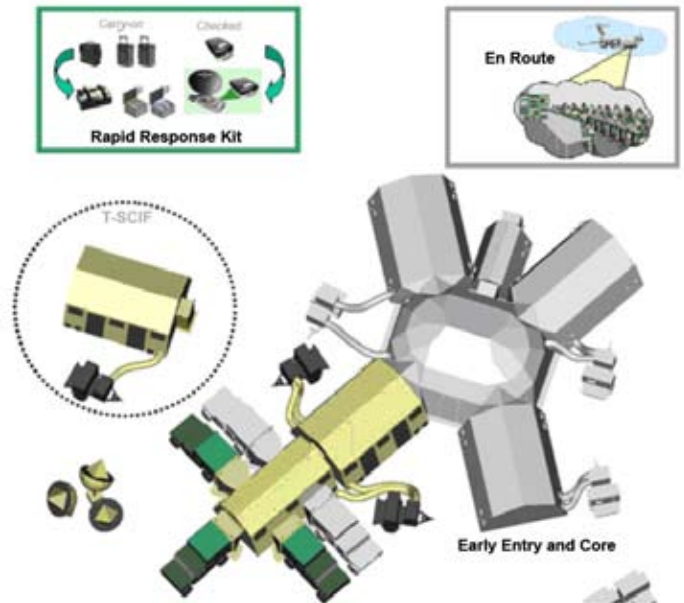
- The Deployable Joint Command and Control (DJC2) completed a series of test events that demonstrated resolution of shortfalls previously identified during the 2006 Multi-Service Operational Test and Evaluation (MOT&E) of Increment I, Spiral 1.0 Early Entry and Core configurations.
- As a result of this testing, Core systems have been fielded to the U.S. Southern and European Commands.
- The program completed risk assessments to determine the appropriate level of testing for the remaining Increment I products.
- The Rapid Response Kit and Spiral 1.1 successfully completed testing in September 2007.

System

- DJC2 is a deployable integrated family of systems consisting of shelters, generators, environmental control, and communications systems integrated with an information technology system comprised of software applications, databases, and networks.
- DJC2 consists of four basic configurations:
 - A 2 to 15-position Rapid Response Kit reach-back capability which is transit-cased
 - A 6 to 12-position En Route configuration located on an aircraft
 - A 20 to 40-position Early Entry configuration with separate Top Secret Sensitive Compartmented Information Facility (T-SCIF)
 - A 60-position Core configuration with T-SCIF
- The Early Entry configuration is integrated with and becomes part of the larger Core configuration.
- For Increment I, selected Combatant Commands will receive two Core and one En Route configuration systems.
- In addition to the baseline configuration, DJC2 Increment I includes Spirals 1.1 and 1.2. Spiral 1.1 updates various information and communications technologies within the DJC2. Spiral 1.2 introduces a two-man deployable Rapid Response Kit for first responders and small control teams that can be carried on commercial aircraft.

Mission

- The Joint Task Force commander and the Standing Joint Force Headquarters staff use DJC2 to plan, control, coordinate, execute, and assess operations across the spectrum of conflict.



- The Commander and staff use DJC2 tools and environments for collaborative planning, predictive battlespace situational awareness, dynamic asset synchronization and oversight, and executive battle management and control.
- Commanders use:
 - The Rapid Response Kit for communications and information exchange with small first responder teams
 - The En Route configuration to maintain situational awareness and perform limited command and control as they transit into the theater of operations
 - The Early Entry configuration to establish communications and command and control capabilities for a small 20-man forward element immediately upon getting into the theater of operations
 - The Core configuration for command and control using temporary communications to support continued planning and execution tasks; more robust communications capabilities are supplied by the Joint Communications Support Element, or other communications element, to sustain operations as the staff size increases

NAVY PROGRAMS

Activity

- In December 2006, the DJC2 Milestone Decision Authority approved fielding contingent on resolution of outstanding issues identified in the Commander, Operational Test and Evaluation Force (COMOPTEVFOR) report of the MOT&E to include:
 - Successful completion of electromagnetic testing
 - Successful completion of transportability certification
 - Successful completion of environmental testing
- The Joint Program Office completed electromagnetic environmental effects testing, environmental testing, and transportability certification of DJC2 Spiral 1.0 in April 2007. COMOPTEVFOR provided a Verification of Correction of Deficiencies message in March 2007, addressing the shortfalls identified in the MOT&E. In May 2007, DOT&E reported completion of contingent items to the Milestone Decision Authority as outlined in the Acquisition Decision Memorandum.
- In February 2007, the test and evaluation integrated product team completed risk assessments and level of test determinations for the DJC2 Spiral 1.1 design changes and technology upgrades (developmental test with operational test observation), and the Rapid Response Kit (operational test), and the En Route configuration (operational assessment).
- The DJC2 Spiral 1.1 completed developmental testing in September 2007.
- COMOPTEVFOR completed testing for the operational assessment of the Rapid Response Kit in September 2007.
- Internet Protocol Convergence developmental testing, with COMOPTEVFOR observing, was conducted in November 2007.

Assessment

- The DJC2 program fulfilled the conditions of the Acquisition Decision Memorandum to support fielding of Spiral 1.0 Early Entry/Core configurations to U.S. Southern and European Commands.
- The test and evaluation integrated product team successfully applied the DOT&E policy on testing software intensive systems consistent with the strategy outlined in the DJC2 Test and Evaluation Master Plan.
- Developmental testing of DJC2 Spiral 1.1 showed there were no significant problems with the design changes and technology upgrades.
- Analysis of the data from the Rapid Response Kit operational testing in September 2007 continues. No significant problems were identified during the conduct of the test.

Recommendations

- Status of Previous Recommendations. The Joint Program Office took effective action on the FY06 DOT&E recommendations.
- FY07 Recommendation.
 1. The Joint Program Office should complete testing of the remaining Increment I products to include the En-Route configuration.