

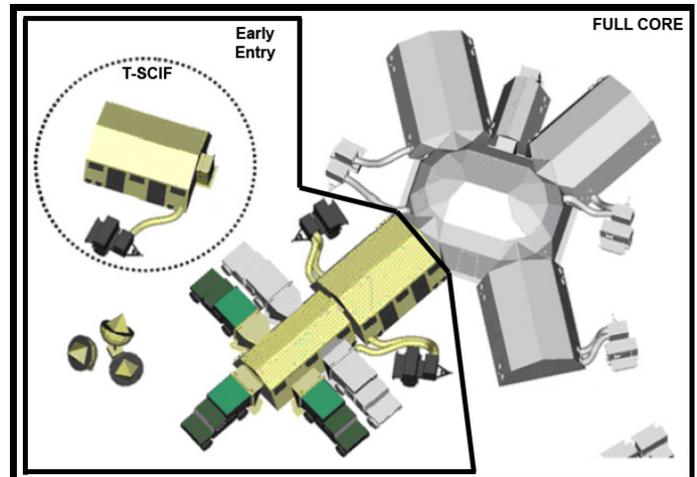
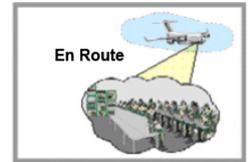
## Deployable Joint Command and Control (DJC2)

### Executive Summary

- The Deployable Joint Command and Control (DJC2) program completed a series of tests in 2007 on the Spiral 1.1 Early Entry/Core system, the Rapid Response Kit configuration, and the Internet Protocol Convergence Suite upgrade.
- In 2008, the DJC2 program completed testing on the Spiral 1.2 Early Entry/Core system and the En Route configuration.
- As a result of this testing, the Milestone Decision Authority authorized the program in 2008 to field Spiral 1.1 Early Entry/Core systems to the Pacific Command and upgrade previously fielded systems, field the Rapid Response Kit to Combatant Commands having DJC2, and field the Internet Protocol Convergence Suite upgrade.
- The Air Force's 46th Test Squadron and the Navy's Commander, Operational Test and Evaluation Force (COTF) performed analysis of Spiral 1.2 Early Entry/Core configurations and the En Route configuration resulting in an authorization to field by the Milestone Decision Authority in September 2008.

### System

- DJC2 is a deployable 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.
- Selected Combatant Commands (COCOMs) will receive one or two Core configurations. For each Core configuration, a COCOM also receives four Rapid Response Kits and one En Route configuration.
- Two spirals are being fielded to update and enhance the baseline configuration. 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, and containerizes all the communications and network equipment previously mounted on five High Mobility Multi-purpose Wheeled Vehicles (HMMWV).



### Mission

- The Joint Task Force commander and the Joint Enabling Capabilities 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-person forward element immediately upon arrival in 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

### Prime Contractor

- Government Integrator

## Activity

- The February 2007 Acquisition Decision Memorandum permits the DJC2 Program Office to field the remaining Increment I products upon DOT&E notifying the Assistant Secretary of Defense for Networks and Information Integration that testing is complete and Category 1 deficiencies are corrected.
- In May 2008, the 46th Test Squadron and COTF completed developmental testing with associated Level I operational testing of the Spiral 1.2 Early Entry/Core configuration.
- The 46th Test Squadron conducted developmental testing of the En Route configuration from January through April 2008 with two flights on an appropriately configured C-17 aircraft in April 2008.
- COTF completed operational testing of the En Route configuration aboard a C-17 aircraft in April 2008. The Joint Program Office conducted follow-on events in May and June 2008 to further characterize performance of the International and Maritime Satellite system components.
- The 46th Test Squadron and COTF completed developmental testing with associated Level I operational testing of the En Route configuration aboard an appropriately configured C-130 aircraft in August 2008.
- Based on this follow-on testing of the DJC2 En Route Configuration, COTF published a Verification of Correction

of Deficiencies in September 2008. The testing verified corrections of the two major deficiencies identified during the operational test in April 2008 – loss of Secure Internet Protocol Router Network and the inability of the DJC2 System Support Team to establish user profiles during flight. COTF concluded the En Route configuration is now operationally effective and suitable, and recommended for fleet introduction.

## Assessment

The DJC2 program fulfilled conditions of the Acquisition Decision Memorandum and, based on input from DOT&E, the Milestone Decision Authority authorized the fielding of:

- Spiral 1.1 Early Entry/Core configurations to Pacific Command and to upgrade fielded systems in January 2008
- The Rapid Response Kit in February 2008
- The Internet Protocol Convergence Suite in April 2008
- Spiral 1.2 and the En Route Configuration in October 2008

## Recommendations

- Status of Previous Recommendations. The Joint Program Office took effective action on the FY07 DOT&E recommendations.
- FY08 Recommendations. None.