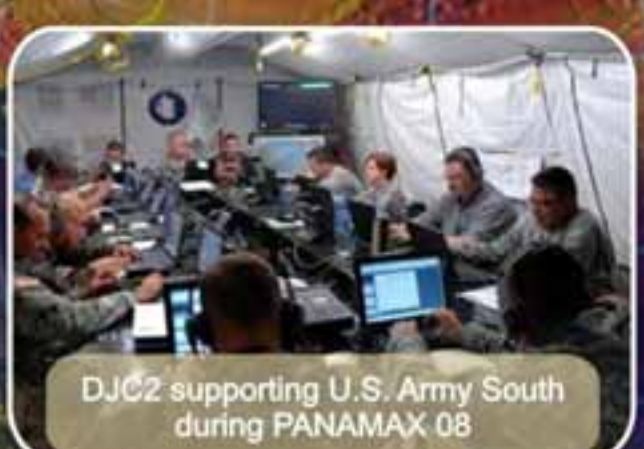
NAVAL SEA SYSTEMS COMMAND

DJC2

Deployable Joint Command and Control



DJC2 supporting U.S. Army South during PANAMAX 08

NAVAL SURFACE WARFARE CENTER

PANAMA CITY DIVISION

The DJC2 Program

The Deployable Joint Command and Control (DJC2) Program is a Secretary of Defense and Chairman, Joint Chiefs of Staff, priority transformation initiative that is providing a standardized, integrated, rapidly deployable, moduler, scalable, and reconfigurable Joint Command and Control Combat Operations Center (COC) to designated Geographic Combatant Command (GCCs).

The Department of the Navy is the Lead Component for this critical Acquisition Category (ACAT) IAC Joint program and DoD major Information Technology (IT) investment.

DJC2 provides GCCs and Joint Force Commanders (JFCs) a mission critical, integrated family of systems with which to plan, control, coordinate, execute, and assess operations. It is designed to marshal quickly, set up within hours, and quickly provide necessary C2 mission and collaboration functionality across the full spectrum of Joint Task Force (JTF) operations.

The system utilizes a modular open systems architecture, and is built upon the best available commercial and Government "off the shelf" (GOTS) technology. It includes the utilization of new technologies, as well as the integration of numerous existing systems, software and hardware products, and processes from multiple Services and other Agencies.

DJC2 integrates the latest Joint C2 tools providing: Situational Awareness; Joint Fires & Maneuver; Intelligence; Logistics; Force Projection, Employment, Readiness & Protection; Theater Ballistic Missile; and Air and Space Operations.

A fully fielded DJC2 system includes: power; environmental control; shelters; infrastructure; trailers; limited communications equipment (to support en route, early entry and rapid response operations only); GOTS C2 and commercial office automation and collaboration software applications with operator workstations; displays; intercommunications; local area networks; and access to wide area networks. The system provides the interfaces with both DoD and commercial communication pathways to allow the JFC to receive and disseminate information.

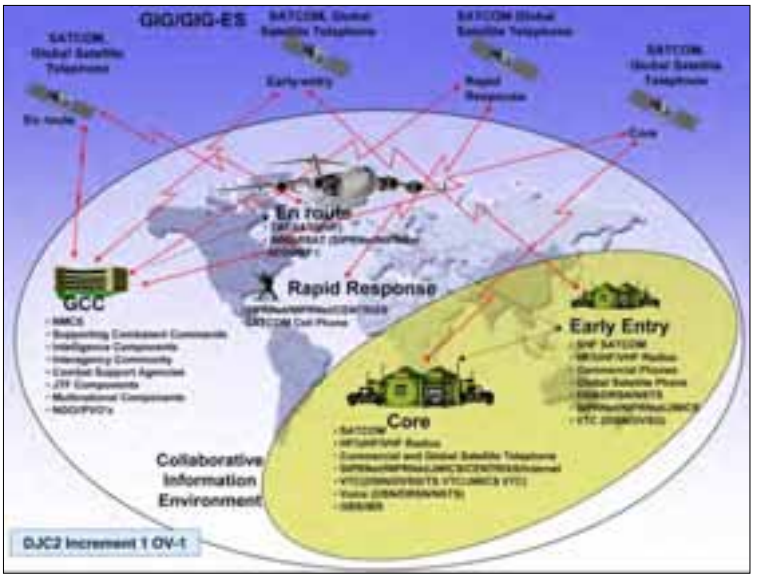
The DJC2 system includes four primary configurations: autonomous En Route (ER), autonomous Rapid Response Kit (RRK), nested Early Entry (EE), and Core. It has the capability of having an Extended configuration (Core x 2) if required in support of the DJC2 Concept of Operations.

The *En Route* configuration provides situational awareness and basic C2 capabilities using a Collaborative Information Environment (CIE) for the JFC and staff while en route in a C-17 or C-130 aircraft between in-garrison and deployed locations. It includes 6-12 operator positions, with network services and en route communications.

The *Rapid Response Kit* provides the JFC with the capability to deploy a forward command element of 2 to 15 personnel (i.e., first responders and small control teams) to a crisis area to provide situational awareness or conduct other limited missions. The RRK, which can be transported by 1-2 persons as carry-on/checked baggage on commercial or military aircraft, provides the user with voice and data services to conduct C2 and collaboration activities simultaneously on two of the three networks provided (SIPRNet, NIPRNet, or CENTRIXS) by reaching back through a base station.

The *Early Entry* configuration uses organic DJC2 assets to support a small JTF early entry forward command operations center of a command element typically consisting of 20-40 operator positions with standard network services and ground-based organic communications.

The *Core* configuration (which includes the other configurations) supports a small-scale JTF staff of 60 operator positions. Capabilities are realized through organic servers and subsystems, whose numbers are reduced as reach-back is made more robust.



Currently, the Department of Defense has produced and fielded six fully certified, fully deployable DJC2 systems to commands across the world. To ensure these systems stay technologically current and able to fully support the warfighters' emerging requirements, the DJC2 program is executing a robust technology refresh and technology insertion effort, which is funded across the Fiscal Year Defense Plan. The DJC2 program holds two User Conferences a year to bring together its warfighter customers to discuss their capability needs, and then closely aligns its technology refresh and technology insertion efforts (which include both hardware and software) to meet those needs. The first new technology insertion capability was delivered in 2009, providing the warfighters with Secure Wireless Networking with Extension of Services.

Under the guidance of the DJC2 Joint Program Office, a tenant command at Panama City, FL, the Naval Surface Warfare Center Panama City Division (NSWC PCD) is the Technical Direction Agent (TDA), Design Agent (DA), Software Support Activity (SSA), and In-Service Engineering Agent (ISEA) for the DJC2 system. NSWC PCD is providing a full range of service and support, including technical oversight, system design, production, and support.

As ISEA, NSWC PCD provides a mature, proven three-tiered support system, which includes: the DJC2 Operations Support Center (DOSC), a 24/7 Help Desk; fly-away technical assist teams; robust online support portal; hands-on and computer-based training; job aids; interactive electronic technical manuals; and full sparing.

NAVSEA WARFARE CENTERS Panama City

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