Joint Force Headquarters

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Classification: UNCLASSIFIED
JCSE can provide a modular, scalable, MJ C2 system to support conventional forces, special operations forces, joint forces, and mission partners. JCSE’s unique MJ C2 system of systems, coupled with the Global Enterprise Network (GEN) and Global Network Operations (GNO) has the capability and capacity to provide all CJTF elements with reliable, secure, C5I capabilities.
Mission Sets

JCSEs diverse mission set includes:
- Tactical Comms Planning Support
- Enroute Comms Support
- Forced Entry (Abn) Support
- Scalable Communications Nodes
- Embassy & Executive Comms Support

Concept of Operation for Forced Entry Communications in support of 82nd Airborne Division and 173rd ABCT

Sabre Guardian 2017

DJC2 Core deployed to Liberia, Africa to USARAF and the 101st Airborne Division (AASLT) in support of OPERATION UNITED ASSISTANCE

JCSE provides tailorable communications to operational commanders and national senior leaders for multilateral security cooperation exercises, humanitarian assistance missions, or as directed.
Modular & Scalable Support

**Early Entry Package**
- Small JTF-Forward Ops Center
- Includes all power & environmental control for the F-Leg (comms)
- Collaboration software applications
- Operator work stations (up to 15 users)
- Intercommunications with LAN/WAN access
- Provides interface with both DOD and commercial communication pathways

**Standard Node**
- Supports 40 Users
- 3ea Data/Voice Networks (SIPR/NIPR/WWW/CENTRIX)
- S-VTC
- Line-of-Sight Extension
- 1ea 1.2m Ku/X-band Antenna w/ e850 modem (i-Direct)
- 2ea BGAN Antennas
- 10ea IP Phones
- GBS Manpack Ka-band

**Lite Node**
- Supports 8 Users
- 2ea Data/Voice Networks (SIPR/NIPR/WWW/CENTRIX)
- S-VTC: Secure Video Teleconference
- 1ea 1.2m Antenna
- 1ea BGAN Antenna
- 6ea VoIP Phones

**JFHQ Command Post**
- Consists of C5 enablers for a JFHQ Cdr to communicate with and direct assigned forces and mission partners
- Includes a Deployable Joint Command & Control (DJC2) and Standard/Lite Nodes for Modular Joint C2 - Main (MJC2-Main)
- Additional communication nodes (Standard/Lite) for:
  - Components
  - LNOs
  - NGOs
  - Mobile CPs
  - Coalition
  - USG agencies
  - DOS
  - Maritime CP

**C4I Planning Team**
- 2 PAX Team
- Augments JFHQ or JTF J6 Staff
- Supports Communications Integration up to the Theater Level
- Communications and Network Architecture Planning (JP 6-0) Support

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JCSE provides robust, scalable communications nodes to the tactical edge though the employment of our **Standard and Lite Nodes**. The size, weight, and power (SWAP) efficiency of utilizing kits that are small enough to check onto commercial aircraft gives JCSE the flexibility to deploy quickly to the most austere geographic locations.

### Core Services
- Unified Call Manager
- Web
- Directory Services
- File Share
- Messaging
- Email
- Print
- VMware View (VDI)

### Security Stack
- ACAS
- HBSS
- WSUS
- CA Spectrum
- Syslog
- RADIUS

In the near future, the employment of a **Tactical Processing Node (TPN)**, utilizing the same form factor as the **Standard & Lite**, will enable LAN use of prioritized Joint Information Environment (JIE) and episodic services, applications, and data to support Joint and Mission Partner users and their missions in a tactical environment.
Tactical Joint Force HQ Support

Mission: On order, provide support for Joint Force Headquarters (JFHQ), either conventional or unconventional, to Joint Task Force (JTF) or Joint Special Operations Task Force (JSOTF).

Deployable Joint Command & Control (DJ C2) - PMW-790 Design -

Tactical Cmd Post (TAC/ CP) - J CSE Design -

*Plan Drawings are to Scale*