

Combat Service Support Communications (CSS Comms)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Provides a worldwide commercial satellite communications network, engineering services, integrated logistics support, infrastructure, and portable remote terminal units in support of Army Combat Service Support (CSS) logistics management information systems operating from garrison or while deployed.

DESCRIPTION

Combat Service Support Communications (CSS Comms) includes the Combat Service Support Automated Information Systems Interface (CAISI) and the CSS Satellite Communications (CSS SATCOM) system. CAISI allows current/emerging battlefield CSS automation devices to electronically exchange information via tactical networks. CAISI provides unit commanders and logistics managers an interface device to support CSS doctrine for full-spectrum operations. CAISI allows deployed Soldiers to connect CSS automation devices to a secure wireless network and electronically exchange information via tactical or commercial

communications. CAISI employs a deployable wireless LAN infrastructure linking Army logistics information system computers in a seven square-kilometer area. It is certified in accordance with Federal Information Processing Standards 140-2 Level 2. CSS SATCOM includes commercial-off-the-shelf, Ku-band, auto-acquire satellite terminals, called CSS Very Small Aperture Terminals (CSS VSATs), repackaged in fly-away transit cases, along with a fixed infrastructure of four primary and three Contingency Operating Point teleports and high-speed terrestrial links that provide a highly effective, easy-to-use, transportable, SATCOM-based solution to CSS nodes. CSS SATCOM supports information exchange up to the sensitive information level, is rapidly deployable anywhere in the world and is fully integrated into the Non-secure Internet Protocol Router Network (NIPRNET). CSS SATCOM eliminates the often dangerous need for Soldiers to hand-deliver requisitions via convoys in combat areas.

SYSTEM INTERDEPENDENCIES

In this Publication

Global Combat Support System–Army (GCSS-Army)

PROGRAM STATUS

- **1QFY12:** Provided support to the Global Combat Support System Army (GCSS-Army) Initial Operational Test and Evaluation (IOT&E)
- **2QFY12:** Awarded CSS SATCOM Network Services Contract
- **2QFY12:** Awarded contract for CSS SATCOM airtime
- **3QFY12:** Initial reset of Southwest Asia theater provided equipment
- **4QFY12:** Awarded contract to replace modem for CSS VSAT terminals

PROJECTED ACTIVITIES

- **1QFY13:** Award Integrated Network Operations Center Contract
- **4QFY14:** Complete fielding of CAISI systems

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Combat Service Support Communications (CSS Comms)

FOREIGN MILITARY SALES

None

CONTRACTORS

Equipment:

Telos Corp. (Ashburn, VA)

LTI DataComm Inc. (Reston, VA)

Juniper Networks (Herndon, VA)

L-3 Global Communications Solutions Inc.
(Victor, NY)

Artel Inc. (Reston, VA)

Inmarsat Government (Herndon, VA)

Project support/training:

Systems Technologies (Systek) Inc.
(West Long Branch, NJ)

Tobyhanna Army Depot (Tobyhanna, PA)

Software Engineering Center-Belvoir
(SEC-B) (Fort Belvoir, VA)

U.S. Army Information Systems
Engineering Command (USAISEC)
(Fort Huachuca, AZ)

Defense Information System Agency
(DISA) Satellite Transmission Services-
Global NETCOM (Fort Huachuca, AZ)

