

Combat Service Support Communications (CSS Comms)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

To provide 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 Combat Service Support Satellite Communications (CSS SATCOM) system. CAISI allows deployed Soldiers to connect CSS automation devices to a secure wireless network and electronically exchange information via tactical or commercial

communications. CSS SATCOM complements CAISI by providing an easy-to-use, transportable SATCOM link to extend broadband information exchange worldwide.

CAISI employs a deployable wireless LAN infrastructure linking up to 92 tents, vans or shelters in a seven square-kilometer area. It includes Federal Information Processing Standards (FIPS) security requirements 140-2 Level 2-approved encryption for sensitive information.

CSS SATCOM includes commercial off-the-shelf Ku-band auto-acquire satellite terminals, called Combat Service Support Very Small Aperture Terminals (CSS VSATs), repackaged in fly-away transit cases, along with a contractor-operated fixed infrastructure of four teleports and high-speed terrestrial links that are connected to the unclassified segment of the Global Information Grid. CSS SATCOM supports operations at quick halt and rapid displacement within the Area of Operation (AO) and eliminates the often-dangerous need for Soldiers to hand-deliver requisitions via convoys in combat areas.

SYSTEM INTERDEPENDENCIES

CAISI, CSS SATCOM

PROGRAM STATUS

- **4QFY08–4QFY09:** Full-rate production and deployment of CAISI 2.0 along with CSS VSATs. Trained and equipped units in accordance with the Army Resourcing Priority List (ARPL)
- **3QFY08:** Conducted CAISI 2.0 User Assessment at Fort Drum, NY (10th Sustainment Bde) and Fort Hood, TX (15th Sustainment Bde)
- **4QFY08:** Army Acquisition Objective increased to 29,135 CAISI systems and 3,300 CSS VSATs
- **4QFY09:** CSS SATCOM supporting 2,400 systems on 16 networks with expanded coverage to Pacific Rim
- **4QFY09:** Authority to Operate (ATO) for two years granted for CSS SATCOM
- **4QFY08:** Secured host nation agreements for CSS SATCOM operations in support of 170 assigned users
- **4QFY09:** Completed reset/overhaul operations of 171 CSS SATCOM systems from Operation Enduring Freedom/Operation Iraqi Freedom (OEF/OIF)

- **4QFY08:** ATO granted for three years for CAISI 2.0
- **4QFY09:** Type Classification (TC) and assignment of Standard Line Item Numbers (SLIN) completed for CAISI 2.0
- **4QFY08:** First-unit equipped (FUE) with CAISI 2.0: 1st Brigade Combat Team (BCT)/1st Armored Division, Fort Bliss, TX
- **2QFY09:** Completed fielding of 266 CSS VSAT systems in support of National Guard Homeland Defense and civil support missions

PROJECTED ACTIVITIES

- **2QFY09–2QFY11:** Continue to field CAISI and CSS VSAT systems and train units in accordance with the ARPL
- **2QFY09–2QFY11:** Achieve pure fleet CAISI 2.0 and dispose of CAISI 1.1 and Natural Disaster relief missions
- **4QFY09–4QFY10:** Conduct reset/overhaul operations for 185 CSS VSAT systems redeploying from OEF/OIF

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)

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

Segovia Global IP Services (Herndon, VA)

Project support/training:

Systems Technologies (Systek), Inc.

(West Long Branch, NJ)

Tobyhanna Army Depot (Tobyhanna, PA)

CACI (Eatontown, NJ)

