



U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND CENTRAL TECHNICAL SUPPORT FACILITY

ABOUT CTSF

The Central Technical Support Facility (CTSF) is the Army's only strategic facility responsible for executing interoperability certification testing, configuration management of the Army's tactical software baselines, and supporting net-enabled cross-program integration. This integration and testing focuses on delivering an integrated system-of-systems (SoS) mission command capability to the warfighter.

CTSF is connected across a growing number of system integration labs and serves as the hub of the CIO/G-6 Federation of Net-Centric Sites distributed test concept. It provides data to Army leadership and various joint agencies to facilitate interoperability certifications. CTSF also hosts the Army's only Coalition Interoperability Assurance and Validation lab.

The CTSF provides a stable location and services in support of C5ISR Program Managers (PMs) for development, integration, and testing to ensure interoperable software and capabilities are delivered to the warfighter.

Achieving Excellence in Army Interoperability

Our #1 Priority is the Soldier!



U.S. ARMY

CTSF TECHNICAL DIVISION



Army Interoperability Testing and Certification (AIC)

CTSF is the execution agent for the Army CIO/G-6 AIC process. AIC testing verifies a system, platform, or group of systems can successfully exchange critical information while interfacing on a network. Army information technology/national security systems are required to complete the AIC process. CTSF also provides interoperability system assessments directly to PMs.



Configuration Management/Army Configuration Management

CTSF is responsible for maintaining version control of the various LandWarNet/Mission Command (LWN/MC) software baselines on behalf of the Army CIO/G-6. Internally, CM supports testing and systems engineering assessments by imposing CM practices over all PM-delivered software. CM also provides audit and inspection services on behalf of the CIO/G-6 Federation of Net-Centric Sites, which certifies other Army test facilities to conduct interoperability certification activities on LWN/MC systems.



Engineering Services

CTSF is responsible for establishing and maintaining representative tactical architectures on the interoperability test floors. CTSF provides numerous PMs with systems engineering support, including hardware virtualization, advanced Army endpoint security system services, verification and validation activities, and SoS integration support within the facility's risk reduction labs. CTSF assists LWN/MC programs with interoperability assessments and AIC rehearsals. In-house programmers develop and maintain unique applications for CTSF—specifically, Configuration Management Tracking System III.

CTSF Core Competencies

- ✓ Execute AIC events for Army CIO/G-6
- ✓ CM of the Army's tactical software baselines
- ✓ Analysis of the interoperability of mission command capability sets, including cybersecurity, coalition interoperability, and backward compatibility checks
- ✓ Engineering and technical assessments to integrate systems, applications, and hardware prior to fielding
- ✓ Reconfigurable corps-to battalion-level architecture for SoS integration and certification
- ✓ Labs and tactical integration areas focused on current and future tactical software baselines
- ✓ Specialized network engineers with unique tactical networking and SoS interoperability skills

Visit the CECOM CTSF website at:
<https://cecom.army.mil/Home/MS>

