



SANMINA-SCI®

TOCNET®

Tactical Operations Center Intercommunications System

Operationally proven military intercommunications system.



Military Intercommunications System (ICS) requirements are stringent. Commanders and operators require the most versatile digital equipment at a competitive price, without sacrificing technological elegance. With personnel in harm's way, system providers have to exceed all quality standards by providing certified products through high-integrity manufacturing.

To meet the requirements of military units around the world, the Defense and Aerospace Systems Division of Sanmina-SCI® developed the TOCNET® tactical operations center intercommunications system (ICS). The TOCNET system has become the net-centric battlefield ICS of choice. The TOCNET system is ruggedized for the harshest environments and has a network expandable to over 1,000 communications assets/channels.

Robust, Versatile Design

- Ruggedized construction
- Unmatched functionality vs. Size, Weight and Power (SWAP)
- Configurable to unique missions and applications
- Operating temperature -40°C to +55°C

Integrated Voice and Data Capabilities

- Network up to 64 Micro Central Switching Units (MCSU) with 1,024 simultaneous communications assets/channels
- Multiple operator interface options
- Secure wireless operation
- VoIP gateway
- Interoperability among disparate and legacy communications assets/channels
- Emergency (all-call) channel
- Cross-band and radio relay
- Remote radio control/management
- Quad E1/T1 software selectable

Standard Specifications and Certifications

- Safety of flight certified
- Joint Interoperability Test Command (JITC) certified
- MOPP IV/cold-weather gear compatible

TOCNET® features:

- Off the shelf
- Digital
- Low cost
- Rapidly set-up and torn down
- Expandable
- Highly flexible with open architecture
- Ruggedized
- Small form factor

TOCNET product line



eMCSU

Standard CAU

TRIM CAU

Soft CAU

Desktop CAU



Notional Battlefield Configuration
Interoperable Communications Solution

Micro Central Switching Unit (MCSU)

- Integrated Digital Voice and Data Communications Solution
- Unmatched Functionality vs. Size, Weight and Power (SWAP)
- Joint Interoperability Test Command (JITC) certified
- Safety of flight certified
- Expandable Network

Crew Access Unit (CAU) Options

Products	Command Platform				User Interface (UI) Specifics							Additional Features/Benefits
	Rear Command Center	Mobile Command Center	Forward Command Center	Airborne Command Center	IR Touch Panel	Dial-Operated	Self-Contained	Man-Portable	PC/PDA Apps.	Military Headset Connect	Ruggedized	
Standard CAU	✓	✓	✓	✓	✓					✓	✓	Form Fit
Desktop CAU	✓		✓		✓		✓	✓		✓	✓	Plug & Play
Soft CAU	✓		✓					✓	✓	✓	✓	Web Browser-Based
TRIM CAU	✓	✓		✓		✓				✓	✓	MOPP IV & Cold Weather

✓ = Only when in association with the USB Jackbox

About Sanmina-SCI

Sanmina-SCI Corporation is a leading electronics contract manufacturer serving the fastest-growing segments of the global Electronics Manufacturing Services (EMS) market. Recognized as a technology leader, Sanmina-SCI provides end-to-end manufacturing solutions, delivering unsurpassed quality and support to OEMs primarily in the communications, defense and aerospace, industrial and semiconductor systems, medical instrumentation, multimedia, enterprise computing and storage, automotive technology and renewable energy sectors. Sanmina-SCI has facilities strategically located in key regions throughout the world. More information regarding the company is available at www.sanmina-sci.com.



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For more information on Sanmina-SCI Defense & Aerospace Systems products and services, visit the Defense & Aerospace page of our website at www.sanmina-sci.com/das.