

## PRODUCT OVERVIEW

# TOCNET®-R

# RAPID, EXPANDABLE, DEPLOYABLE INTEROPERABLE COMMUNICATIONS



SANMINA-SCI®

### THE TOCNET-R SYSTEM PROVIDES

- Radio gateway for up to 16 radios
- Analog POTS interface
- 2 10/100/1000 Ethernet IPV.6 interfaces
- 4 T1/E1 ports
- T1/E1/IP digital recorder interface
- 64 VoIP connections
- 8 MSE.TRI-TAC/STE/DNVT ports
- 2 RS-232 ports
- 8 or 16 radio control ports
- Extensive call, conference and intercom features
- Link up to 32 operator consoles

### TOCNET-R FEATURES

- Multi-level security
- 802.11 and Wi-Fi capability
- Rackmount and transit case options available
- Rugged operator consoles
- Software JAVA-based operator consoles
- UHF, VHF, HF radio options
- Cellular GSM gateway options
- 24 port FXS/FXO channel bank options
- 24-point IP switch
- Wireless routers and access points
- Rugged wireless secure phone

In a crisis, lives depend on effective communications between emergency first response teams. Interoperability among agencies is essential to effective emergency management. Emergency personnel require a solution capable of promptly integrating the variety of disparate and legacy communications systems used by different agencies and departments.

To answer a need of emergency professionals, the Sanmina-SCI® Defense & Aerospace Systems Division has modified its military-proven Tactical Operations Center Intercommunications Systems, TOCNET®, to develop TOCNET-R, a portable rapid-response communications interoperability system designed to address the specific needs of first responders, including military, DHS, federal, state and local agencies and other response team personnel.

TOCNET-R brings the versatility and reliability of TOCNET that supports more than 1,000 interconnected communications assets, including HF, VHF, UHF, military radios, satellite, cellular, commercial radios, VoIP, wireless, T1, ISDN and PSTN circuits.



### PORTABLE COMMAND/CONTROL NETWORK

- Dimensions: 27" w 25" h x 27" d
- Weight: 85 lbs.

### PUBLIC SWITCHED TELEPHONE NETWORK (PSTN) PORT VOIP

- 64 simultaneous assets
- H.323 and SIP

### E1/T1 DIGITAL VOICE

- Interface to commercial PSTN/PBX or Defense Switched Network (DSN)
- 16 FXS (service subscriber)
- 8 FXO (service provider) interfaces

### WIRED/WIRELESS ETHERNET BROADBAND ROUTER

- 802.11b/g
- 4 wired 10/100 ports

### HF, VHF, UHF, SATCOM RADIO (1 INCLUDED)

- Interfaces for 8 total radios per switching unit
- 8 serial interfaces for remote radio control
- Cross-band radio relay

### MOBILE SUBSCRIBER EQUIPMENT (MSE) AND/OR TRI-SERVICES TACTICAL (TRI-TAC) (4 INCLUDED)

- Expandable to 8 per switching unit

### MULTIPLE NETWORK SWITCHING OPTIONS

- Network up to 64 operator units
- Network up to 1,024 voice or data assets/channels
- SONET OC-3 155 Mbps (ATM compatible)
- Ethernet (Wi-Fi or satellite)

### RS-232 MAINTENANCE PORT

- Used for uploading software upgrades

### OPERATOR INTERFACE (1 INCLUDED)

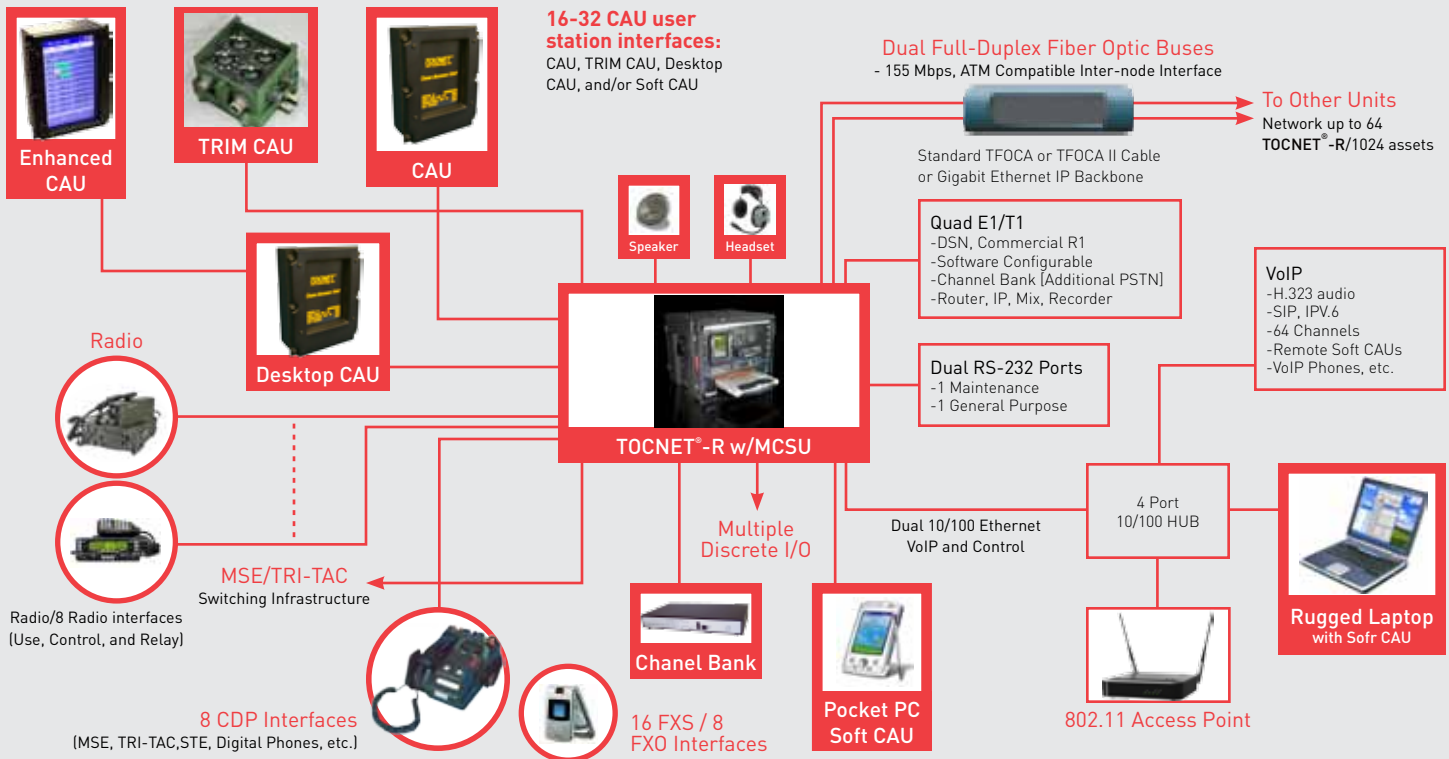
- Maximum of 32 per switching unit
- 2 headset/handset ports
- Push to Talk (PTT) switch
- Selectable VOX option with adjustable VOX level

### RUGGED LAPTOP PC (1 INCLUDED)

- Includes PC software operator interface

### SMALL POWER FOOTPRINT

- 110V AC or 12V DC input, 150 watts max
- 3 AC outputs



### ABOUT SANMINA-SCI

Sanmina-SCI<sup>®</sup> 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 superior quality and support to OEMs primarily in the communications, defense and aerospace, industrial and semiconductor systems, medical, multimedia, enterprise computing and storage, automotive and clean technology sectors. Sanmina-SCI has facilities strategically located in key regions throughout the world.

For more information, visit [www.sanmina-sci.com/das](http://www.sanmina-sci.com/das)