TOCNET®-G4

The Next Generation, Now

TOCNET-Generation 4 is SCI's most advanced Unified Voice Management System (UVMS) to date. With superior capabilities and adaptable, future-proof technology, TOCNET-G4 is both a command post and vehicle intercommunication system in a single, powerful package. With TOCNET-G4, the future of tactical communication is now.

Versatile + Refined

In developing TOCNET-G4, SCI drew on extensive customer feedback to craft a platform that outperforms the competition while cutting costs and reducing space requirements. The result is a versatile, refined system that delivers both exceptional communications capabilities and significant Size, Weight and Power (SWaP) advantages.

Trade studies and user evaluations consistently place TOCNET-G4 at the head of the pack with top ratings for intuitive operations, audio quality and performance in low-light conditions.

Committed To Innovation

TOCNET-G4 isn't just the most powerful system of its kind on the market today. Thanks to SCI's ongoing commitment to innovation, it will remain a future-proof communications solution for years to come.

Inspired by the wide-ranging functionality of commercial plug-and-play technologies, TOCNET-G4 utilizes the operational adaptability of Multifunction Interfaces (MFIFs) to offer unrivaled flexibility and longevity in the tactical environment.

Complete Customization

TOCNET's open, modular design facilitates integration in both platform-specific and platform-independent applications. SCI's custom solutions enable rapid at-the-quick-halt setup and tear-down for Command Post, TOC, and Mobile Command and Control On-the-Move, At-the-Halt and At-the-Quick-Halt operations.

Designed To Adapt

Mission requirements never stop evolving. That's why SCI offers a full range of TOCNET engineering solutions to meet your unique tactical communications needs.

With our broad organic design resources, SCI can develop and incorporate a customized TOCNET solution into virtually any existing system for maximum mission flexibility.

American Made + Sustained

Unlike the competition, SCI designs, develops, manufactures and supports TOCNET in a single U.S. location—our headquarters in Huntsville, Alabama. We manage every segment of the product lifecycle from start to finish, which allows us to develop uncommonly strong relationships with our customers and offer an unsurpassed quality of service.

Serious Support

SCI backs TOCNET with a full-time technical support team and help desk, which means professional assistance is never more than a phone call, text message or email away (TOCNET.Support@SCI.com). We also provide continuous software updates, frequently at no additional cost, to keep your system updated with all the latest functional requirements.

TOCNET's full-time support team works in the same facility as our software and hardware developers. That's why we can respond to your technical questions so quickly. Typically, we're able to diagnose and resolve problems within 1 to 2 business days.

Our team has decades of experience providing extraordinary support to TOCNET customers via on-site integration assistance, problem resolution, system set-up, system configuration and user training. The same level of support also extends to potential customers who are evaluating a TOCNET-based solution for their communications requirements.

USMC-676955

TOCNET®-G4

Unified Voice Management System

SCI TECHNOLOGY®

ALL WE DO
To Serve Those Who Serve

SCI TECHNOLOGY®

TOCNET®-G4

The Key Enabler of Multi-Domain Battle

In the field of tactical communications, system failure is never an option. Clear, reliable connections are critical for success—wherever the mission takes you, and whatever it sends your way.

For more than 20 years, SCI Technology has designed, developed, manufactured and sustained dependable, high-quality intercommunications solutions for a wide variety of tactical applications. From Korea to Afghanistan and everywhere in between, our battle-tested products have supported the modern warfighter with the full-scale communications capabilities necessary for mission success.

SCI's TOCNET® is a Unified Voice Management System (UVMS) that provides a consistent set of tools throughout today's multi-domain battle spaces. With full integration for vehicles, tactical operations centers (TOCs) and dismounted troops, TOCNET enables collaboration like never before.

The TOCNET Legacy of Success

For more than a decade, TOCNET has played a critical role in ensuring that soldiers, airmen, sailors and marines have access to battle-critical, secure and reliable communications.

Throughout its extensive service history, TOCNET has provided a lifeline of communications by interconnecting dissimilar radio and telecommunications assets, and by linking the most remote and isolated expeditionary warrior at the farthest outpost with the distant, higher-echelon command centers directing the fight.

TOCNET is widely fielded within the US Army and is the standard intercommunications system (ICS) of the US SOCOM & Marine Corps' fleet of tactical vehicles. Backed by an extensive logistics support trail, TOCNET is fielded in more than 15,000 systems, encompassing more than 100,000 TOCNET units.

SCI continues to invest in the TOCNET product family with expanded features and capabilities, and is dedicated to ensuring that TOCNET remains the most advanced vehicle and command post ICS available.

Basic Crew Interfaces

› Blind Touch Operation
› TX and Mon Channel Selection
› Override Channel Selection
› Microphone Mode Selection: PTT, VOX, Hot Mic
› Binaural Audio and Volume Control
› Options for 1, 2, or 4 Operators per TIP
› Options for Loudspeaker Interfaces

TIP **DTIP** **QTIP**

Advanced Crew Interfaces

› Blind Touch Operation
› TX and Mon Channel Selection
› Override Channel Selection
› Microphone Mode Selection: PTT, VOX, Hot Mic
› Binaural Audio and Volume Control
› Options for 1 or 2 Operators per TIP
› Menu, Display and Buttons for Advanced Operations
› Remote Radio Control
› VoIP and P2P Calling
› Radio Cross Banding Management
› System Status and Management

CTIP **DCTIP**

To Serve Those Who Serve

Software Applications

› Java-based, Platform Independent: Windows, Linux
› IP-based, Small Footprint, Low Bandwidth
› User-Friendly GUI for Enhanced Operations/Maintenance
› Multiple Robust Audio Interface Options
› Voice Recording Options for Mission Analysis/Training
› Android™ Option for Increased Mobility
› System Configuration Management

Central Hub / Switch / Gateway

› Power Input and Distribution
› 2 Gigabit Ethernet Interfaces
› 2 Intercom Bus Interfaces
› 4 Multifunction Interfaces (MFIF)
› Expansion via IHUBs
› Up to 16 Radios and 20 TIP Operators per Local Node
› Network Expansion with up to   1,024 Assets
› Selection of Multiple Configurations
› Radio Gateway (Radio Agnostic)
- Support for Military and Commercial Radios
› Remote Radio Control
› Radio Cross Banding and Relay
› IPv4/v6/Dual Stack Connectivity

XPHUB **IHUB**