



TRICS-8R RoIP SOLUTION

The Tactical Radio Over Internet Protocol (RoIP) Inter-Communications System (TRICS) is a radio gateway network appliance that enables IP access to radios.

TRICS is a Defense Information Systems Agency (DISA) Security Technical Implementation Guide (STIG) Information Assurance compliant solution. TRICS is a full featured RoIP gateway, media server, and media management platform that enables the integration and dissemination of radio traffic (voice/data) on IP networks, including standards-based interoperability with Voice over IP (VoIP). The core communications capability incorporates WAVE™ software from Motorola Solutions.

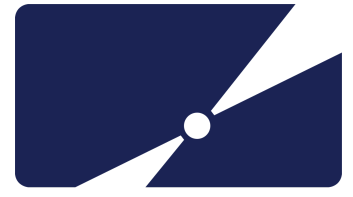


TRICS provides **Radio Control** allowing authorized operators to program radio parameters from IP-connected workstations using web-based TRICS software.

TRICS **Voice, Data, and Radio Control** empowers operators to program missions and participate on radios from anywhere on the IP network.

U.S. Patent 8,255,017

TRICS-8R RoIP SOLUTION



BYLIGHT
Lighting The Path

8 Radios: Voice, Data & Control
(Data available on 2 Radios)



FRONT



BACK



WAVE Communicator,
WAVE Dispatch & TRICS
Programming & Mission Planning

Cisco UCM
Interoperability

GENERAL SPECS

Network Interface 10/100	4 Ports POE (RJ45)
Network Uplink 10/100/1000	1 Port RJ45 (MMF or SMF Option)
Power Requirements	100-250VAC 47-63Hz
Operating Temp	0°C to 50°C (32°F to 122°F)
Operating Humidity	0-95% RH
Dimensions	17"W x 15"D x 1.75"H
Weight	9.8 lbs.
Embedded Processor	2.80GHz Intel i3 Dual Core Processor
Memory	8 GB DDR2
Storage	128 GB, Removable Solid-state Drive
AC Power Input	45 Watts
Heat Dissipation	154 Btu/Hr.
Input Current	.4 Amps

VOICE SPECS

Radio Voice Interface	2 Wire, Optically Isolated PTT
VoIP Protocols	SIP
WAVE Engine Version	5.x
WAVE Management Server Version	5.x

DATA SPECS

High Speed Serial	RS-232, 2400 - 115200Bps
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RADIO CONTROL SPECS

Radio Serial Interface	RS-232
Programming & Mission Planning	AN/PRC 117F, AN/PRC-117G, AN/PRC-160, AN/PRC-150, AN/PRC-152, AN/PRC-148, PSC5-D, URC-200

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