RadioPro™ IP Gateway

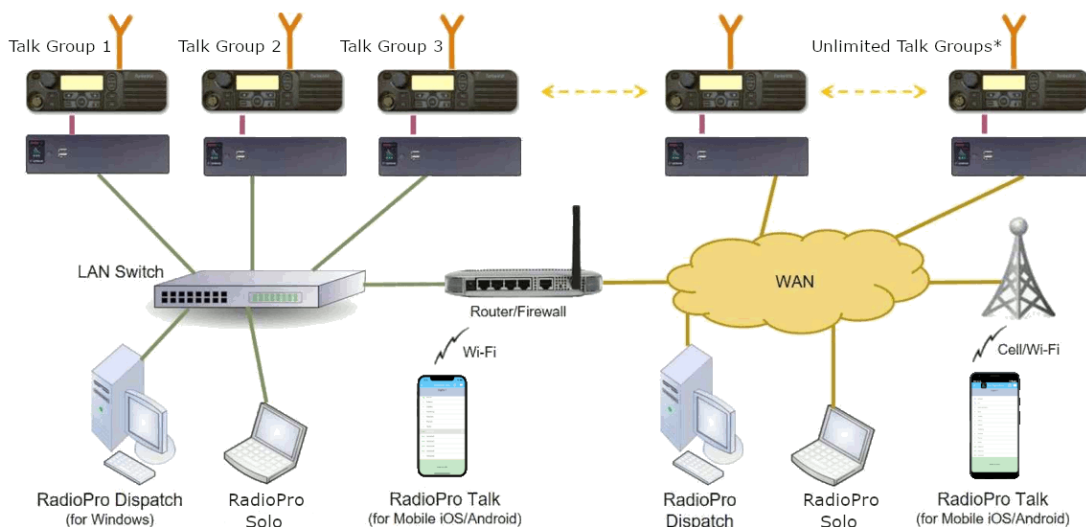## Radio-over-IP Solutions for PCs and iOS™/Android™

RadioPro™ products offer best-in-class RoIP and DoIP (Dispatch over IP) solutions for two-way radio systems, such as Motorola MOTOTRBO™ or Kenwood NEXEDGE®. They allow communications from anywhere using Windows® PCs or the iOS or Android mobile application platforms. RadioPro™ products combine the flexibility to solve any Radio-over-IP challenge, ease of system deployment, and cost savings over other solutions. RadioPro™ systems can provide Voice, GPS/AVL, Text Messaging, and Event Logging, in a single solution.

The RadioPro™ IP Gateway inferfaces a control station radio to an IP network for easy wide-area deployment without purchasing and configuring server PCs. It provides full functionality when connected to Motorola MOTOTRBO™ or Kenwood NEXEDGE® radio systems.

As shown in the diagram below, a RadioPro system may have a mixture of client types; Dispatch, Talk, and Mobile.

* Max 80 Clients connected to 1 Gateway. Max 70 Gateways connected to 1 Dispatch Client.

RadioPro™ IP Gateway

Specifications

Mechanical and Environmental	
Dimensions & Weight	8.25"w x 2.5"h x 11.5"d, 3 lbs.
Temperature & Humidity	0-50 degrees C, 10-95% non-condensing
Electrical	
AC Input (with included power adapter)	100-240Vac, 200mA max, 50-60Hz
DC Input	11.5 – 12.5 VDC, 2A max
Radio Platforms	
Analog, Digital Conventional, Trunked & DMR	
Miscellaneous	
Tx/Rx Impedance	600 ohms
Maximum Clients Supported	80
Power-on	Auto
Network Bandwidth	2.2kBytes/s with audio compression (22kBytes/s without)
Port Forwarding (for firewall/router)	Configurable, default port is TCP Port 48222
Warranty	2 Years

Ordering Information for Control Station Interface

S2-61815	RadioPro™ IP Gateway Kit for Control Station
	    One required for each talk group (control station interface).
	    Includes power supply.	

Interface Cables		
S2-61431	Motorola **MOTOTRBO**™	XPR 5550 / XPR 5550e / XPR 5350
S2-61916	Voice/Data Interface Cable	XPR 2500
S2-61664	Motorola **MOTOTRBO**™ Data Revert Cable	XPR 5550 / XPR 5550e / XPR 5350
S2-61927	Motorola **APX**™ **P25** Voice Only Interface Cable	APX 4500
S2-61769	Kenwood **NEXEDGE®**	NX-700 / NX-800 / NX-5700 / NX-5800
S2-61890	Voice/Data Interface Cable	NX-720 / NX-820 / NX-3720 / NX-3820
89-10505	Kenwood **NEXEDGE®** Data Revert Cable	NX-700 / NX-800 / NX-5700 / NX-5800
Licenses for Solo and Smart Phone Devices (number of simultaneous user connections)		
S2-61480-005	Client Licenses for: • Solo • RadioPro Talk™ app for Android • RadioPro Talk™ app for iOS	5-pack License
S2-61480-010		10-pack License
S2-61480-020		20-pack License
S2-61480-040		40-pack License
S2-61480-080		80-pack License
Gateway Options		
	Please contact sales@ctiproducts.com for more information	

Notes

Motorola XPR 2500 / XPR 5550 / XPR 5550e / APX 4500 control station radios should be supplied by a Motorola authorized 2-way radio dealer. Kenwood NX-700 / NX-800 / NX-720 / NX-820 / NX-3720 / NX-3820 / NX-5700 / NX-5800 radios are supplied by Kenwood authorized radio dealers.

Dispatch console PC, microphone, PTT accessories, and desk speakers should be supplied by dealer or end-user.

Product options and specifications are subject to change without notice.

12/20/2021