

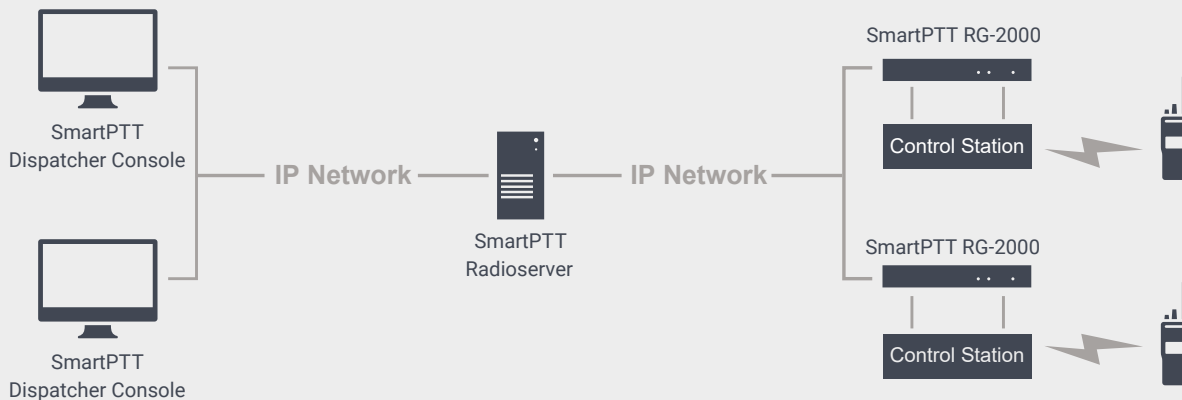


# SmartPTT RG-2000

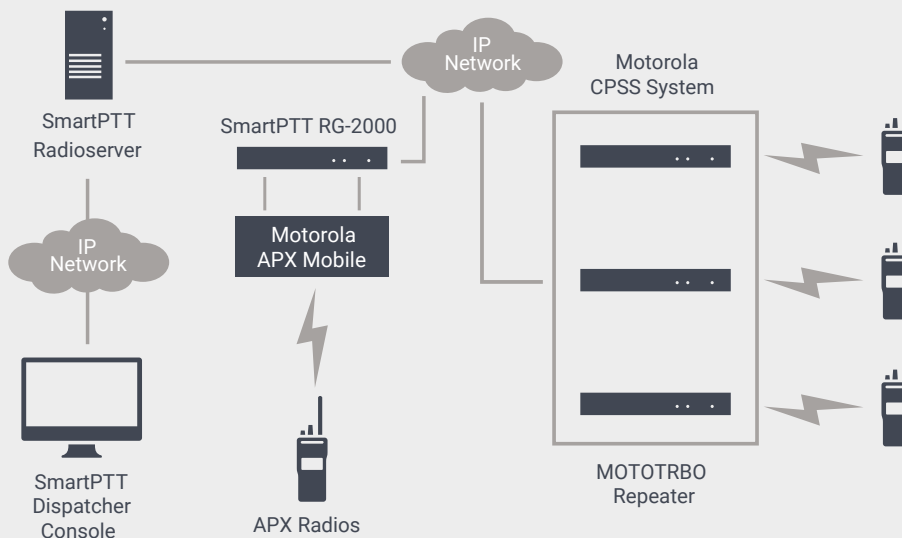
SmartPTT's RG-2000 is a radio over IP (RoIP) gateway that can connect a two-way radio back to the SmartPTT Radioserver using an IP connection in a public or private IP network. The RG-2000 has enhanced integration with Motorola MOTOTRBO control stations but can be connected to virtually any two-way radio base station such as a Motorola ASTRO APX or XTL P25 mobile, Motorola Dimetra MTM mobile, and many others.

## COMMON APPLICATIONS

**DISPATCHING:** The dispatcher can transmit and receive to field radios using a control station remotely connected using the RG-2000. This is ideal for dispatching to locations without a repeater or with no IP connection to the repeater.

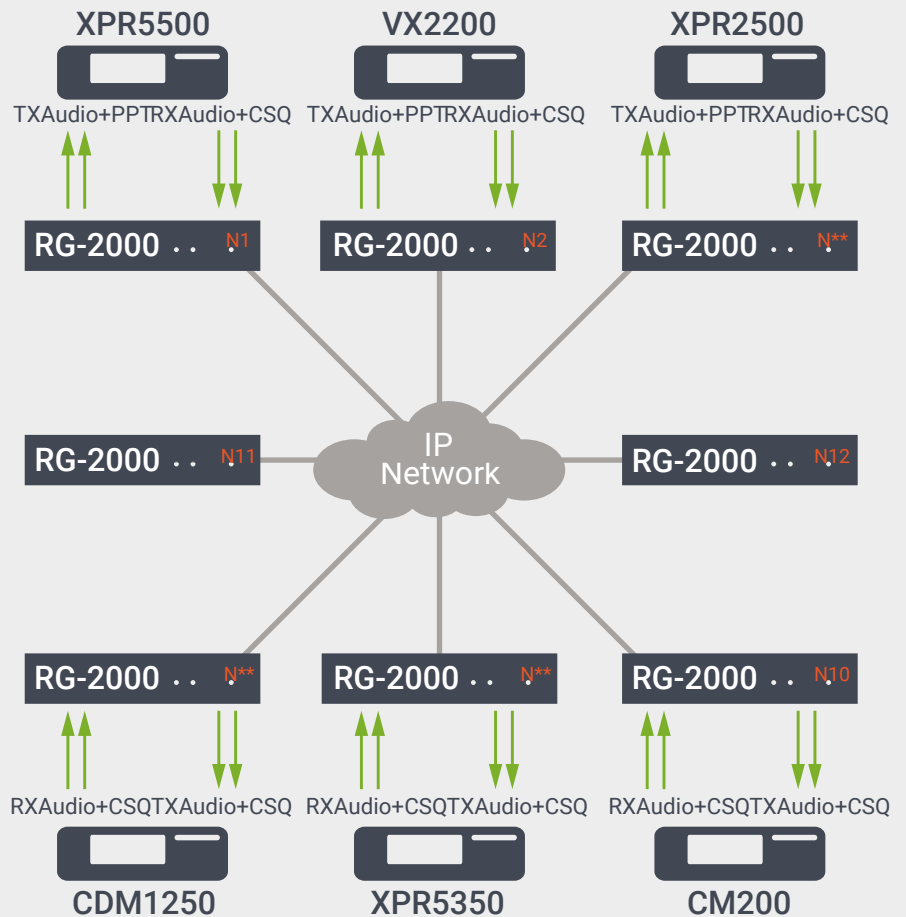


**INTEROPERABILITY:** An example would be to create a cross-match between a talkgroup on a Capacity Plus system to an APX P25 or an MTM Tetra radio system.



# COMMON APPLICATIONS

**BRIDGING:** This standalone mode of operation doesn't require a connection to the SmartPTT radioserver. This links multiple radio systems into a single radio network. For example you could link a VHF analog radio system, a UHF MOTOTRBO system, or a P25 radio into a single network.



## RG-2000 SPECIFICATIONS

### Network Interface Specifications

Connector	RJ-45 LAN
Standard	10BASE-T (IEEE 802.3) / 100BASE-TX (IEEE 802.3u)
Supported TCP/IP Protocols	UDP, ICMP, IPv4, ARP

### Radio Interface

MOTOTRBO Radio Models Supported	EMEA: DM4000 series APAC: XiR M8600i, XiR M8600 North America: XPR 5000 and XPR 5000e series LACR: DGM 8***e, DGM 5***e, DGM 8***, DGM 5***, DEM500
MOTOTRBO Radio Operation Modes	Digital and Analog
Non-MOTOTRBO Radio Support	General Purpose Inputs / Outputs: RX In, TX Out, PTT Out, Busy Detect (e.g. COR, TOR), Ground

### Hardware Specifications

Power Supply Voltage	11.0 to 15.0 VDC
Power Consumption	2 W or less
Dimensions	8.3" x 6.5" x 1.4" (210 mm x 165 mm x 35 mm)
Operating Temperature	-22 to +131 F (-30° to +55°C)
Operating Humidity	Up to 85% at 86 F (30 C)