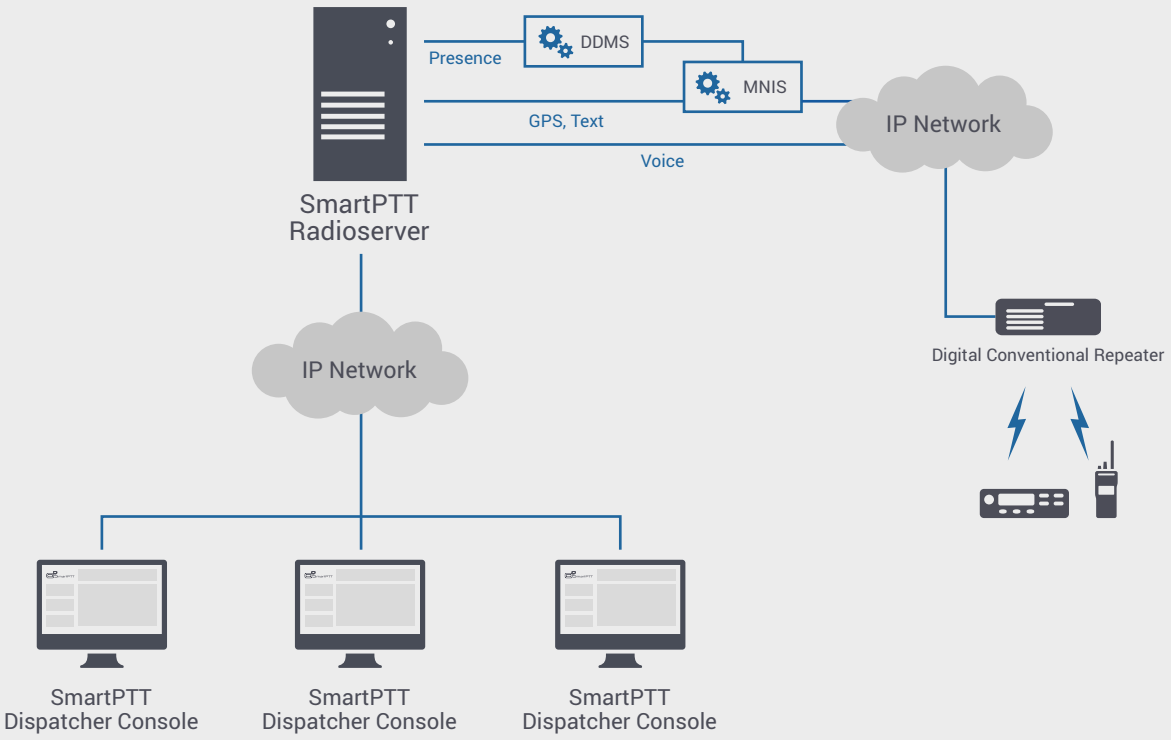
SmartPTT for Motorola Digital Conventional Repeaters

SmartPTT Enterprise and SmartPTT PLUS support connectivity to Digital Conventional MOTOTRBO repeaters. The following describe how SmartPTT Enterprise and SmartPTT PLUS integrate with Digital Conventional Repeaters using different protocols and configurations.

SmartPTT PLUS

SmartPTT PLUS uses the Network Application Interface (NAI) Voice and Data protocols to connect via IP to communicate with a digital conventional MOTOTRBO repeater. In this configuration, no gateways and control stations are needed, so implementation and maintenance of the system is simplified.

DIGITAL CONVENTIONAL WITH NAI VOICE AND DATA

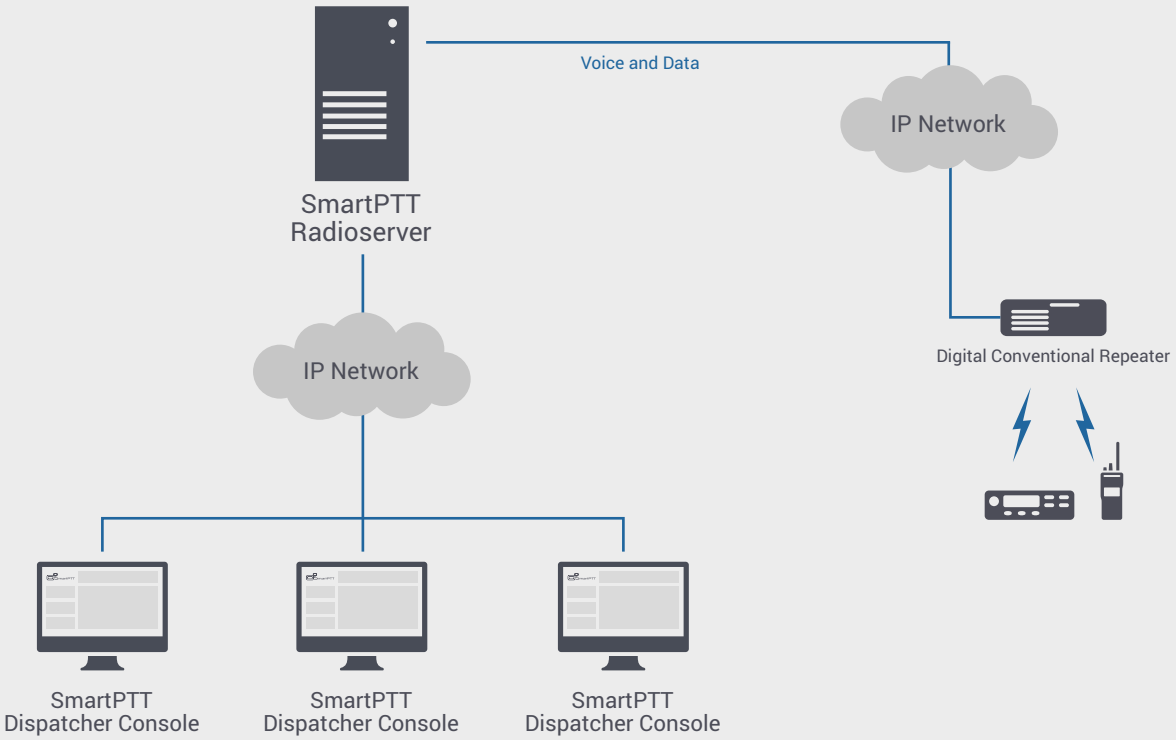


Licensing: Each digital conventional repeater requires the NAI Voice and NAI Data entitlements from Motorola. Additionally, in SmartPTT PLUS the IPSC Connectivity license is required for each digital conventional repeater. Or one SmartPTT IPSC Connectivity license can be used for up to 14 digital conventional repeaters if the system is set up as an IP Site Connect System with all time channels being programmed for Local Area.

SmartPTT Enterprise - ADK Interface

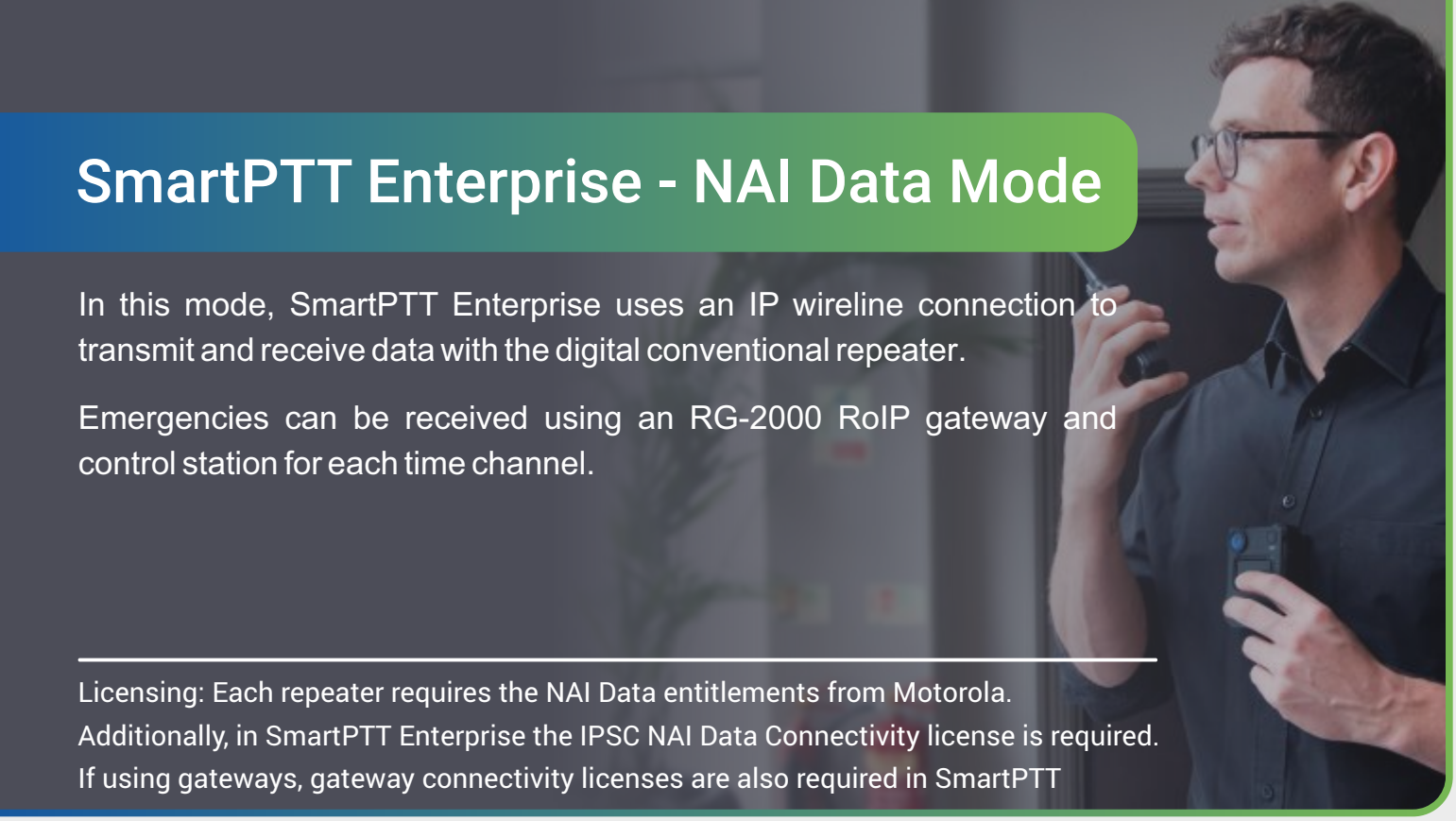
In this mode, SmartPTT Enterprise uses an IP wireline connection to transmit and receive voice and data with Digital Conventional MOTOTRBO repeaters.

Because this uses the ADK Interface, some features, such as in-band GPS may not be available.



Licensing: SmartPTT Enterprise requires a repeater connection license for each digital conventional repeater.

SmartPTT Enterprise - NAI Data Mode



In this mode, SmartPTT Enterprise uses an IP wireline connection to transmit and receive data with the digital conventional repeater.

Emergencies can be received using an RG-2000 RoIP gateway and control station for each time channel.

Licensing: Each repeater requires the NAI Data entitlements from Motorola. Additionally, in SmartPTT Enterprise the IPSC NAI Data Connectivity license is required. If using gateways, gateway connectivity licenses are also required in SmartPTT

2009
Year SmartPTT was 1st released

90
Customers in over 90 countries worldwide

250
More than 250 dealers around the world

2000
More than 2000 customers

SmartPTT

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