



KODIAK

# LMR Interoperability Options

from session: LMR and LTE Interoperability – The Future of Public Safety Communications

APCO 2016

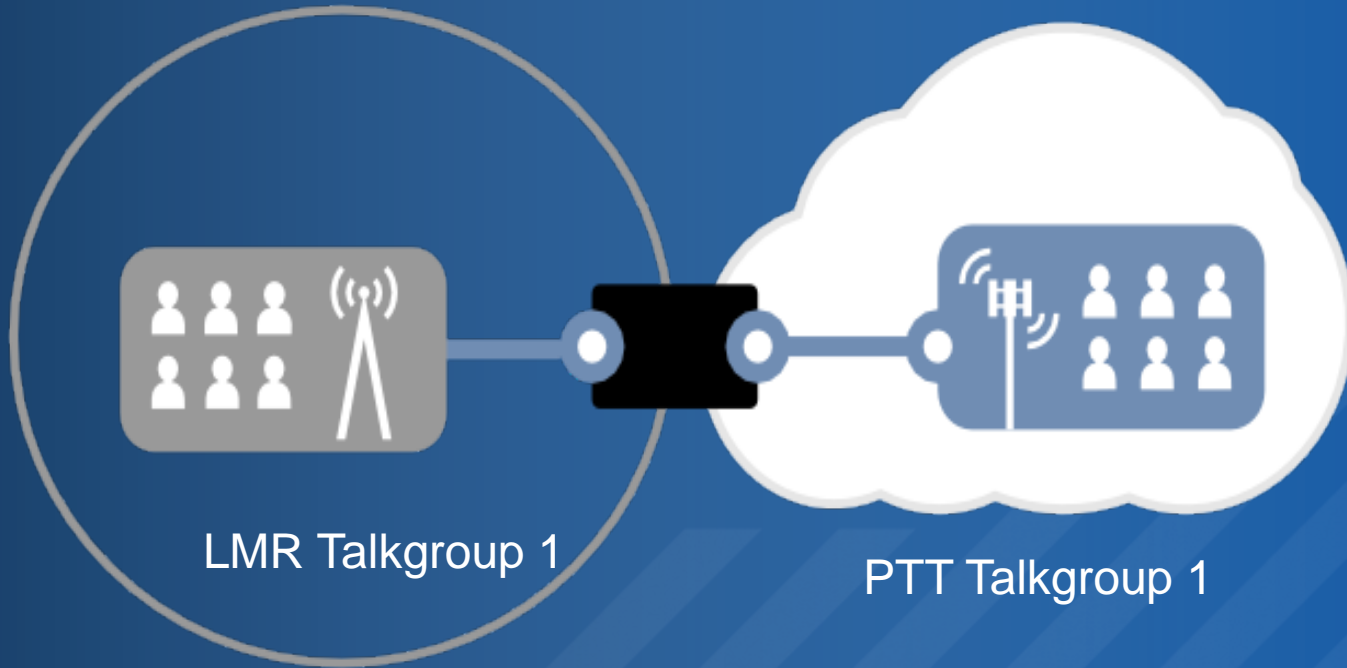
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# Options—Talkgroup, Console, Network

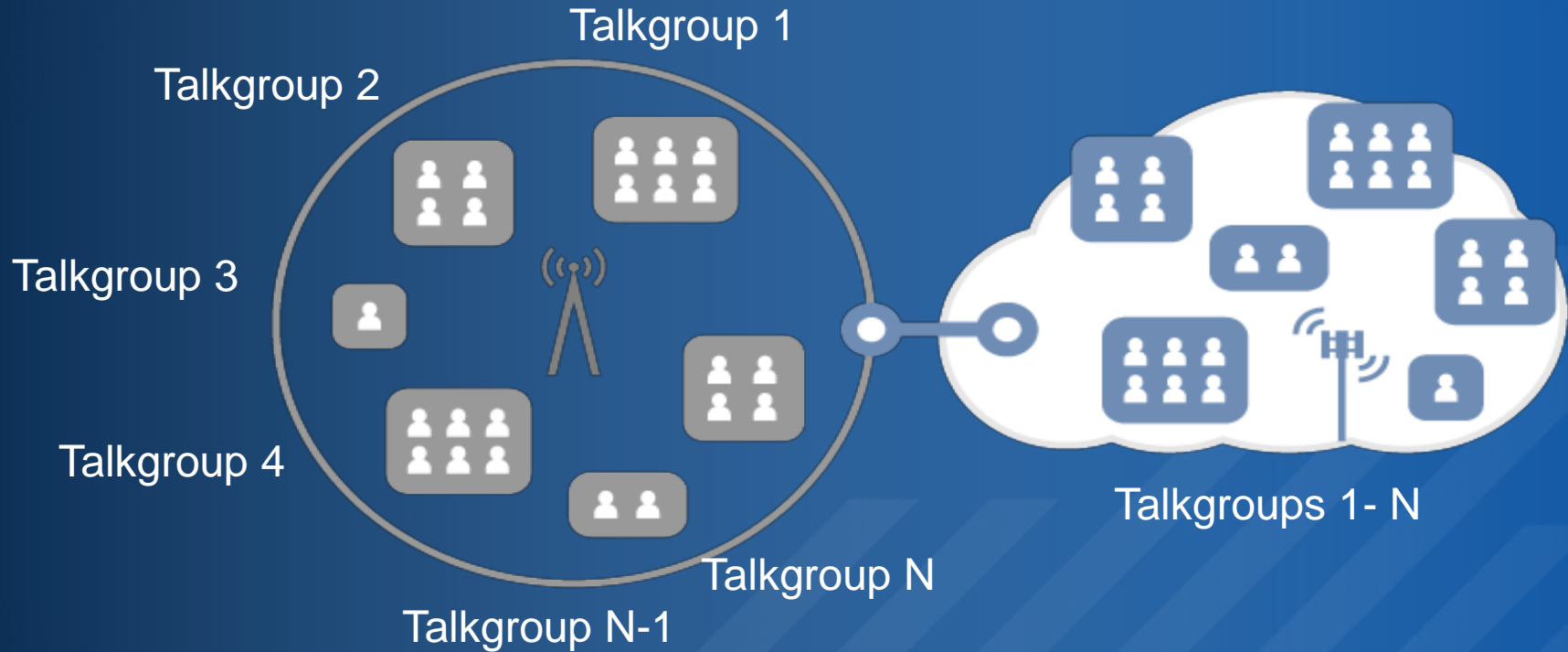
- **RoIP: Any LMR Group to Broadband PTT Group**
  - Simple, economical solution that works with any LMR system
- **ISSI: Entire LMR Network to Broadband PTT**
  - Direct communication between P25 and Broadband PTT users
- **CSSI: LMR Dispatch Console to Broadband PTT**
  - Dispatcher-controlled patching between Broadband PTT users and any group or LMR system the console is connected

# RoIP: Connect LMR Talkgroups to PTT



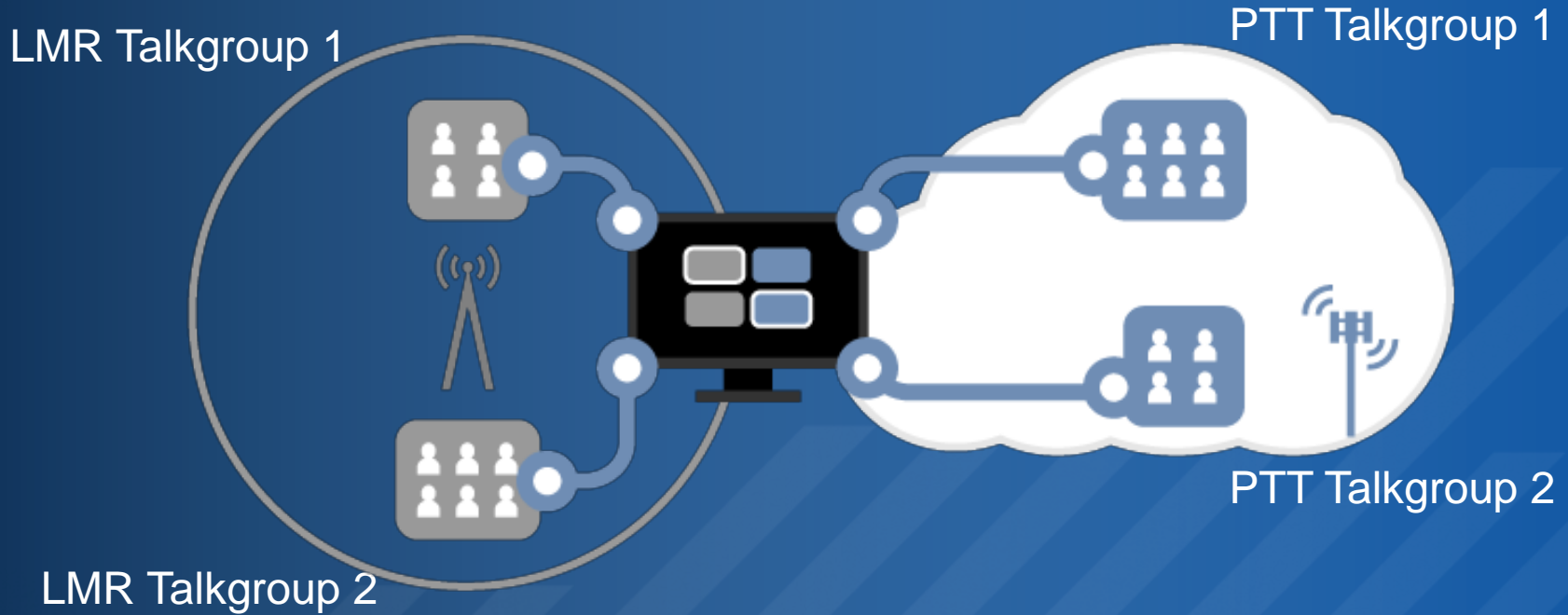
- RoIP
  - Requires gateway and donor radio
  - Works on any LMR system
  - Easily installed
  - Easy Talkgroup configuration
  - Passes Floor Control and Voice
  - VPN Secured
  - Seamless Operations –just talk





- ISSI
  - Map every LMR Talkgroup to a PTT Talkgroup
  - Passes Floor Control, Voice, ID Information
  - Works with P25 LMR system that supports ISSI
  - Highly flexible, virtually seamless operations
  - Needs VPN connection

# CSSI: Connect Talkgroups thru Console



- CSSI:
  - Talkgroup Augmentation thru a Dispatch Console
  - Works with CSSI standards-based Console
  - Passes Floor Control, Voice and Console ID
  - Needs VPN connection
  - Console Operator



- RoIP provides simple, cost-effective LMR Interoperability
  - Easy to install, low cost
  - Best for a small number of Talkgroups
- ISSI provides total LMR Interoperability
  - Works with P25 LMR system that supports ISSI standards
  - Highly flexible, virtually seamless operations
- CSSI provides Console interface for LMR Interoperability
  - Works with P25 CSSI standards-based Console
  - Gives flexibility to Console Operator

Thank you!

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