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solutions

Apps, Clouds and IP . . . in an LMR World

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MYTH

LMR is Forever



"Nothing will ever replace the ruggedness and talk-around capabilities of my private LMR radio system."

LMR's Role Will Evolve

- LMR's role today is undeniable, but it is also the most siloed, primitive, and least scalable component of critical communications
- Software-powered mobile devices accessing multiple public and private radio networks will provide a rich, advanced set of critical communications capabilities that will gradually reduce the role of LMR as we know it today
- The next generation of network access devices will evolve to offer the same ruggedized, talk-around capabilities of today's systems, plus much, much more...

IP is Not Ready for Critical Communications



"I don't have to reboot my radio before running into a burning building."

"They really expect me to send my communications over the Internet?"



REALITY

Every Industry Depends on Secure, IP Communications

- Global military, federal and commercial organizations rely on IP-based critical communications
- IP is transported over a variety of private and public networks - both wired and wireless
- Critical voice, video and data communications occur among software-powered solutions – all linked through the common, pervasive transport of IP



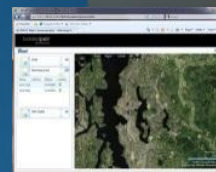
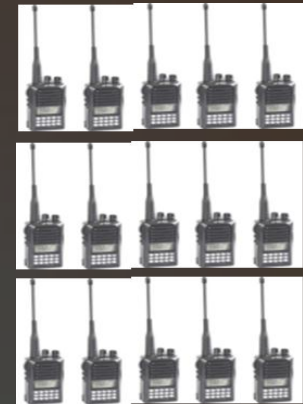
P25 is the Critical Communications Holy Grail



P25 is Only a Piece of the Interop Landscape

REALITY

- P25 standards will drive operational consistency and greatly enhance radio portability
- P25 and other LMR systems' greatest challenge is the inability to interoperate with a variety of other networks, including LTE
- 4G/LTE will bring private and public overlays of broadband wireless IP
- 4G/LTE will provide transport for a new portfolio of apps (including voice), delivered to a new set of devices



Critical Communications in Transition

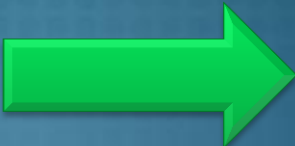
Critical Comms 1.0

"I must own/run it all"

Primitive, H/W Technology

Private LMR Networks

Siloed / Isolated Voice



Critical Comms 2.0

"I'll still own some, but leverage services from others as well"

S/W Applications From Private & Public "App Stores"

Broadband Wireless IP (Private + Public)

Interoperable Voice + Video + Data



Thank You!

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