



THALES Liberty Multi-Band Radio

The Liberty radio, introduced in early 2008, is made in the U.S. and is the first multi-band, software-defined LMR designed specifically for government agencies and first responders. The Liberty LMR operates in all modes, with full encryption, and enables multi-agency communications in all the public safety frequency bands (136-174 MHz, 380-520 MHz, 700 MHz, and 800 MHz). The Liberty radio works on current analog systems as well as Project 25 (P25) trunking systems, regardless of frequency range. The radio's trunking capabilities were demonstrated at the International Wireless Communications Expo (IWCE) held earlier this year, operating seamlessly on multiple vendors' P25 trunking systems and in multiple bands. Whereas other products need a link to achieve basic system interoperability, the Liberty radio achieves this higher, user level of interoperability by simply changing channels.

Interoperability used to mean getting out the switch and bridging between modes and systems. Effective but cumbersome, and switches need trained individuals to run them. Multi-band radios bring interoperability to the user and make it as simple as changing the channel. Interoperating becomes operating. The Liberty™ Multi-band Land Mobile Radio (LMR), the first multi-band, software-defined LMR for government agencies and first responders covers all of the public safety bands (136-174 MHz, 380-520 MHz, 700 MHz, and 800 MHz). All currently used modes are supported on a channel by channel basis.

- Analog wide/narrow
- P25 Conventional
- P25 Trunked
- Mixed modes
- AES/DES Encryption
- 136-174 MHz
- 380-520 MHz
- 700 MHz/800 MHz

Additional information is available on line at:

www.thalesliberty.com/media/briefs/Liberty_Briefing.pdf



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