

DYNAMIC TRUNKING SYSTEMS

CAPACITY PLUS

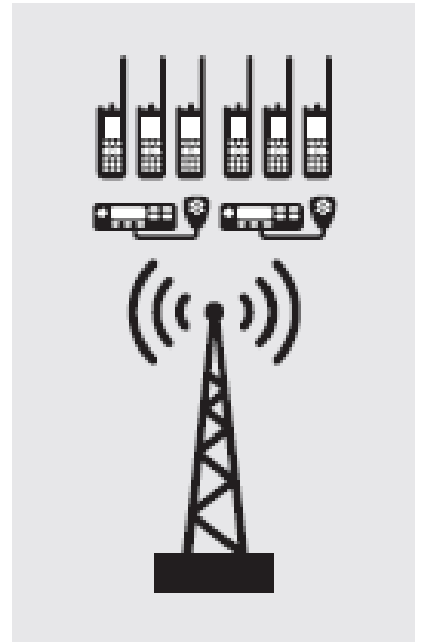
COST-EFFECTIVE CAPACITY AND COVERAGE FOR SINGLE OR MULTIPLE SITES

This hospital is like a small city, with many buildings, hundred of rooms and extensive maintenance areas. To keep everyone connected, they have installed a **MOTOTRBO Capacity Plus** system. Its innovative Dynamic Trunking makes the best use of the available radio channels. It's a cost-effective way to provide capacity for a single campus site. And if the planned merger with a neighboring healthcare facility goes ahead, they can simply link the two Capacity Plus sites over IP.

Even as your organization grows larger, you need to ensure that you stay efficient. Capacity Plus Single Site and Capacity Plus Multi-Site (formerly known as Linked Capacity Plus) utilize Motorola innovation to pool radio resources and allocate them efficiently.

Dynamic Trunking

Capacity Plus uses an innovative form of trunking technology to maximize efficiency. Instead of a dedicated control channel, the system creates a "rest channel". All inactive radios monitor this channel. When a new call is initiated, it takes over the rest channel, while radios not involved in the conversation are directed to a new "rest channel". Dynamic trunking does not require a centralized controller or expensive "FBB" license. And it is highly fault-tolerant even the complete failure of a repeater only reduces system capacity.



RADIOS SUPPORTED

- SL 7000 and SL 7000e Series
- XPR 7000 and XPR 7000e Series
- XPR 6000 Series
- XPR 5000 and XPR 5000e Series
- XPR 4000 Series
- XPR 3000 and XPR 3000e Series
- XPR 2500
- SL300 (limited)

DIMENSIONS

- Up to 15 Sites
- Up to 12* Repeaters per Site
- UP to 1600 Radios per Site (recommended)

*Up to 8 voice and data repeaters, plus up to 11 data revert repeaters, max 12 repeaters in total