

# Unified Emergency Room Multi-Band Communications



## Fast Facts | Ensuring Hospital RF Coverage for Licensed Medical Channels

### Serving Urban Communities with Expanding Radio Requirements

In critical moments, your Emergency Room stands as the ultimate link in the communication chain. From 911 dispatch to the vital information relayed by first responders en route, seamless connectivity ensures life-saving care. Especially in urban areas, agencies often require communication across standard VHF and UHF, as well as expanded UHF2 (T-Band) Medical Channels. Your hospital's ability to receive and transmit on these diverse channels is not just an operational necessity; it's a commitment to a unified front, ensuring immediate and effective patient care.

### The Challenge: Meeting Multi-Band Communication Mandates

For many ERs, the task is clear yet daunting: regulatory requirements and operational best practices demand you monitor and respond across VHF, UHF, and T-Band frequencies. Without a unified communication strategy tailored to this environment, your team encounters:

- A confusing array of separate devices for each frequency band.
- The risk of missing critical transmissions from different agencies.
- Delayed responses and care due to inefficient communication workflows.
- Barriers to achieving and maintaining full regulatory compliance.

### The Solution: Streamlining Access with the MOTOTRBO™ SLR 5000

The **MOTOTRBO™ SLR 5000** Series base unit is built to address the evolving needs of today's Emergency Rooms. Specifically engineered for urban healthcare environments, the SLR 5000 extends your ER's capability to both monitor and transmit on the essential UHF and T-Band (UHF2: 450-512 MHz) frequencies, including the medical channels designated for hospital use.

Whether you are upgrading to meet new mandates or integrating with existing systems, the SLR 5000 is designed to deliver comprehensive frequency coverage without duplicated equipment or unnecessary complexity.

### Integration That Works for Your Emergency Room

Seamless care relies on clear, consolidated communication. With the SLR 5000 repeater directly connected to your **MCD 5000 Deskset System**, every incoming message from VHF, UHF, and T-Band channels can be received and managed from a single, intuitive interface—right at the nurse's station or communications desk.

**The result:** *Your team has instant access to all critical transmissions, improving readiness, compliance, and ultimately, patient care.*



**Why MCA?** We ensure your ER remains fully connected expertly matching our portfolio of solutions to your exacting needs. Our commitment to partnership extends beyond installation; with our comprehensive **SecurePlan™** agreements delivering long-term reliability through expert project management, proactive maintenance, and guaranteed service response times. We strengthen readiness, streamline compliance, and enhance patient care. Discover how we are **better together**. **Connect with an MCA expert today.**