MOTOROLA SOLUTIONS

SAVE LIVES

A QUICK GUIDE TO MOTOROLA DIGITAL TWO-WAY RADIOS

INSTANT COMMUNICATION

RECOMMENDED SOLUTIONS
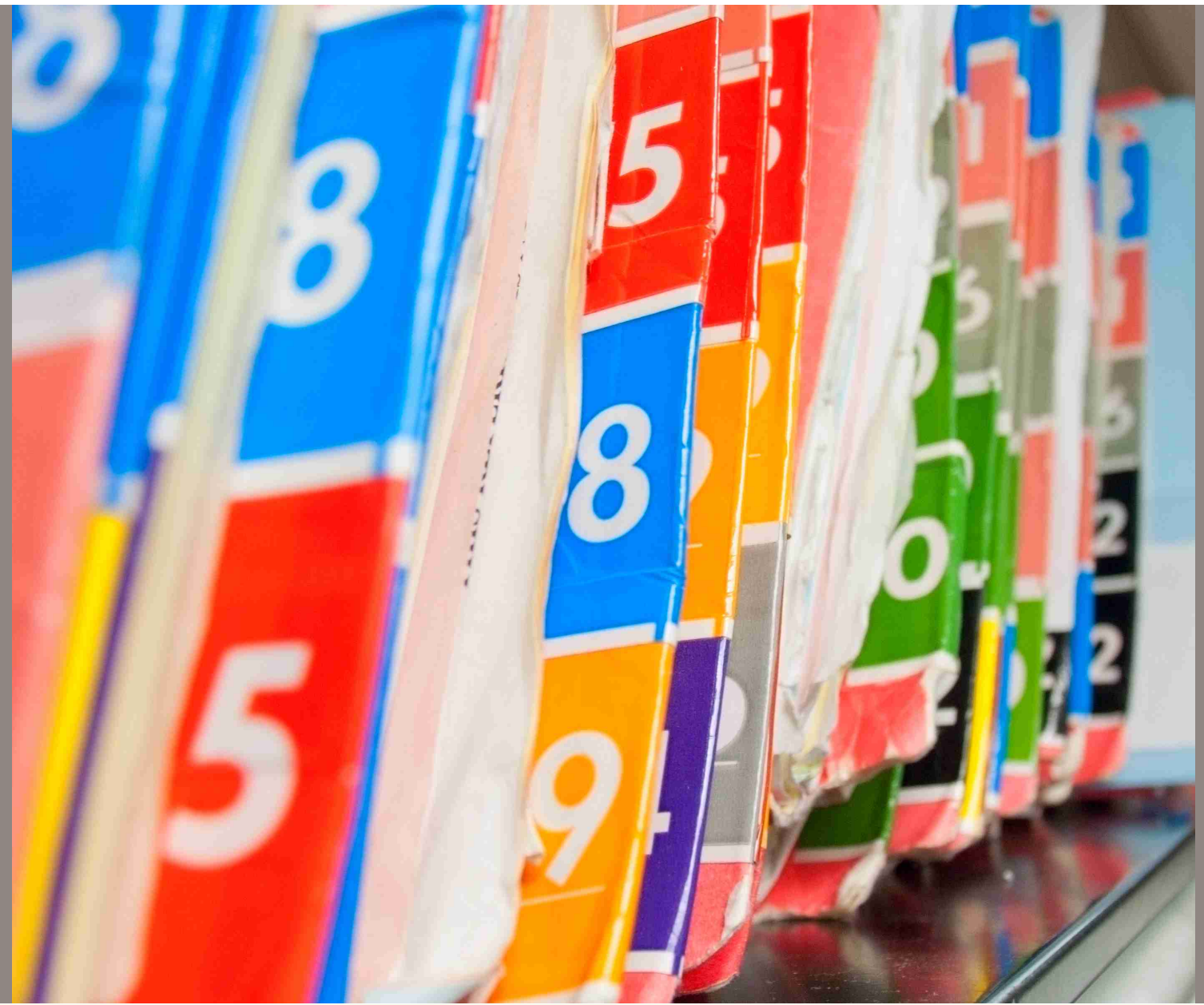
	XiR P8600 Series	XiR P6600 Series	SL Series	XiR M8600 Series
Reception	●		●	
Security	●	●		
Nurses		●	●	
Ambulance				●

ENHANCED SOLUTIONS

ENHANCED TRANSMIT INTERRUPT SUITE
Interrupt a call, clear the channels or disrupt transmission for all calls over the internet using the IP Site Connect (IPSC) and prioritise communications for your large user base using the Capacity Plus.

IP SITE CONNECT
Use the Internet to extend MOTOTRBO's voice and data capabilities. Link up to 15 sites at geographically dispersed locations, create wide-area coverage or enhance coverage at a single site with physical barriers.

BLUETOOTH VOICE & DATA
With Bluetooth capabilities, users no longer need any additional devices such as a dongle for pairing a Bluetooth headset or accessory. Bluetooth 2.1 Secure Simple Pairing enables automatic pairing of earpieces when users power the radio, giving users the freedom to take radio off the belt or move around the work area (within 30 feet) and still stay connected.

DIGITAL TELEPHONE INTERCONNECT
Seamlessly links landline and mobile phones with two-way radios and save costs by leveraging your existing Analog Phone Patch (APP) box equipment.

HEALTHCARE

TRANSFORMING PATIENT EXPERIENCE

By transforming patient experience, hospitals see improvements in their patient satisfaction and bottom line. In fact, it is now one of the top three priorities for hospital leaders over the next three years (source: Beryl Institute, 2011 Patient Experience Study). Deliver truly exceptional experience by enhancing patient care, increasing operational efficiency and optimising IT operations.

CHALLENGES
- With budget constraints, healthcare providers have fewer resources to meet the increased need for quality patient care
- New government and industry regulations add to the administrative nursing burden and reduce the time available for hands-on patient care

PROBLEMS
- Inefficient and manual processes are time-consuming and error-prone
- Nursing shortage results in longer hours, more shifts and more patients
- Caregivers juggle increasing workload without extra resources or support
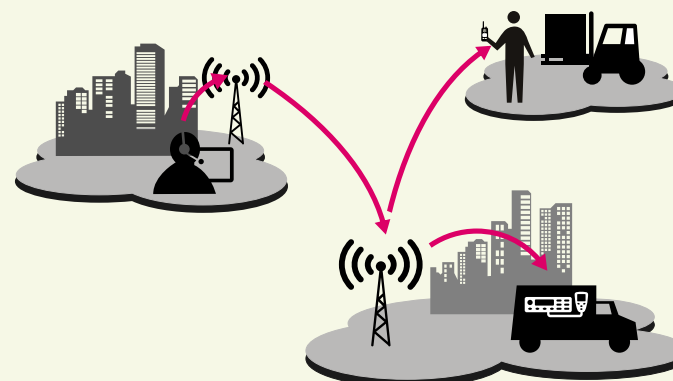
NEEDS
- Automate the managing and tracking of tasks and assets
- Redefine on-call care by routing calls for help to the core caregivers
- Delegate low-priority requests to hospital staff
- Improve caregiver communications to boost productivity and delivery of patient care

BENEFITS
- Reach your caregivers anywhere they go with voice and data
- Improve efficiency and safety on the job
- Keep connected easily and seamlessly
- Improve response time and patient care
- Maximise your system investment and infrastructure
- Enhance value and reduce operating costs

ENHANCE PATIENT CARE

Make the right decision with secure and accurate patient information.
MOTOTRBO™ portfolio of digital portable radios provide reliable voice and data communications to enhance patient care. Hospitals can ensure the right medication is delivered, the right specimen is collected from the right patient for the right results and treatment, as well as, remote monitoring to save time and perform critical tasks.

SL SERIES
Leverage the slim design, Intelligent Audio, integrated Bluetooth and covert mode to enhance your level of professionalism and discretion.
Enabling you to provide superior customer service and faster response times.

XiR P8600 SERIES
Provide integrated Bluetooth audio and data, GPS, Intelligent Audio and customisable voice announcement feature for unrivalled voice and data communications. Leverage up to 32 channel capacity, emergency button, IP57 specifications for submersibility and FM intrinsically safe option.

XiR M8600 SERIES
Your employees work smarter and safer with the MOTOTRBO™ XiR M8600 Series mobile two-way radio. This fully-featured mobile transforms your enterprise. Delivering unrivalled voice and data communications with integrated Bluetooth audio and data, integrated GPS, text messaging and a full 4-line colour display with day/night mode to make reading work order tickets and text messages easier. You also get best-in-class audio that includes Intelligent Audio and a customisable voice announcement feature.

OPTIMISE IT OPERATIONS

Focus on secure, simpler infrastructure and easy-to-deploy applications.
With a reliable communication infrastructure that is simpler to deploy and manage, IT managers can move beyond troubleshooting and unleash their true capabilities.
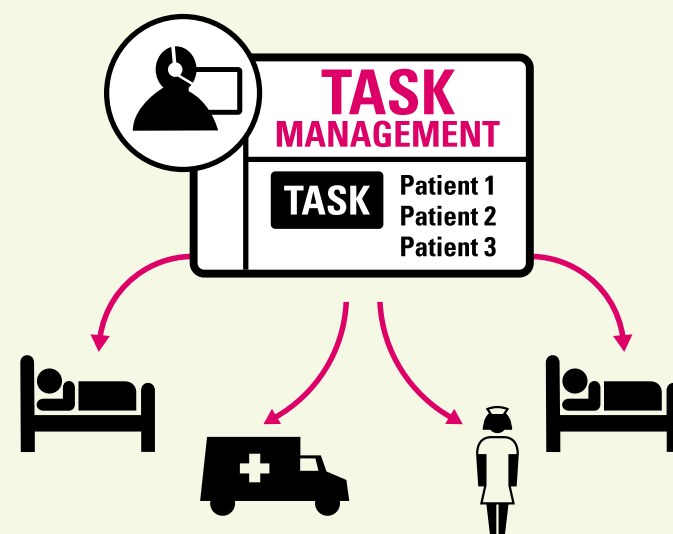
RADIO MANAGEMENT & OVER-THE-AIR PROGRAMMING (OTAP)

Better manage your radio fleet by deploying radio updates without onsite programming and provide critical services like add/remove channels, modify talk groups, and change contact lists anytime over-the-air.

TASK MANAGEMENT SYSTEM

With an acute shortage of nurse and porterage staff to support increasing demand of services, the Task Management application enables hospital to improve efficiency and reduce cost. By ensuring a task request is logged immediately and progress is tracked at a click of a button, caregivers can request tasks directly from their ward computers, allocate and monitor tasks, and report on task completion.

TASK MANAGEMENT

TASK — Patient 1 / Patient 2 / Patient 3

Contact us for more information.

INCREASE OPERATIONAL EFFICIENCY

Connect caregivers and track patient progress, equipment, facilities and costs effectively.
Help hospital employees to communicate and coordinate effectively for greater productivity in asset maintenance and improving medical staff dialogue.

ACCESSORIES

- Bluetooth® earpieces enable hands-free dialogues instead of push-to-talk communications
- Bluetooth® integration enables sharing of data wirelessly and instantly between radios and devices like printers and tablets
- Lightweight headsets and discrete earpieces ensure your caregivers get the message, not your patients

Audio | Battery | Headset | Charger | RSM | Carry Case
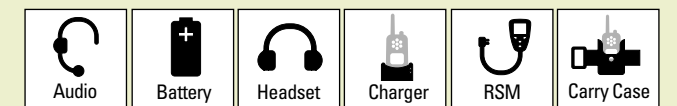
DUAL CAPACITY DIRECT MODE

Provide direct Subscriber-to-Subscriber communication on the MOTOTRBO™ systems for twice the capacity without requiring new infrastructure and using existing 12.5 kHz channel. Supporting two simultaneous transmissions within a 12.5 kHz allocation of spectrum, your digital radio can yield 6.25e (2:1 TDMA) operation for Direct Mode transmissions. Instantly, you can support more radio users talking on the same radio frequency at the same time.

TIMESLOT 1 / TIMESLOT 2 — ONE FREQUENCY — NO REPEATER REQUIRED
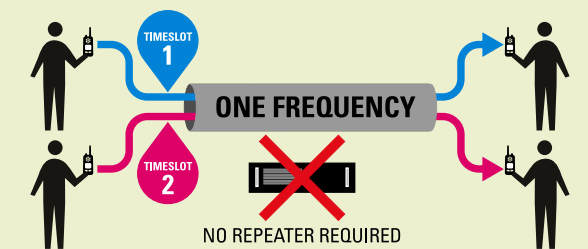
GREENVILLE HOSPITAL SYSTEM
University Medical Center (GHS)

MOTOTRBO™ two-way digital portable radios and IP Site Connect closed the communication gap between the five campuses located across 800 square miles, enabling a centralised emergency dispatch centre and creating a reliable, seamless communications system throughout the entire coverage area.

The radios have worked great. The remote speaker microphones and ear pieces have been a great way of keeping communication confidential even in a crowded environment. Motorola continues to be responsive to our service needs, even long after installation.

- Shawn Reilly, Director of Security, Greenville Hospital System.