Modern healthcare in motion

Spectralink mobile communication solutions

New workflows, technologies, and data sources are redefining how healthcare is delivered. Clinicians are required to communicate, collaborate, and securely access sensitive data while providing exceptional patient care in an increasingly mobile environment.
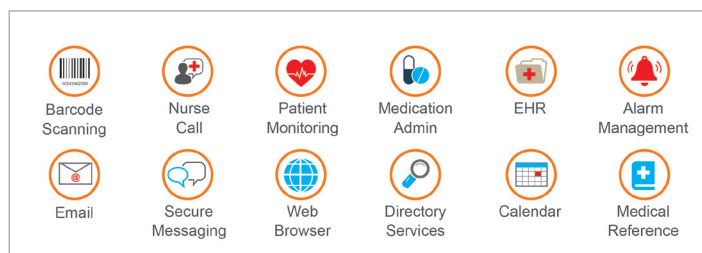
While this new wave of healthcare delivery holds promise, many hospitals are constrained by outdated clinical communications systems and disparate data sources. This lack of cohesion can result in inefficient workflows which can impact patient satisfaction, clinical safety, and resource optimization.

Spectralink enables modern healthcare in motion by providing clinical mobile devices that seamlessly integrate with hospital networks and leading healthcare applications. The result? Improved workflows, better communication among care team members, and more efficient resource deployment.

Modern healthcare requires that specialists and caregivers have access to critical data from multiple sources. Spectralink's clinical mobility solutions provide the platform in which to unify data sources and workflows. This ensures that clinicians have secure, immediate access to the most up-to-date patient information – streamlining productivity and improving patient care.

Designed specifically for hospitals, Spectralink's mobile devices offer unmatched voice quality and secure, compliant data access throughout a healthcare facility. Our robust platform integrates easily with EHR systems such as Cerner, Epic, and Meditech, enabling clinicians to access and update patient information at the point of care. Clear communication among care team members improves care coordination, reduces the potential for errors, and enables clinicians to spend more time with their patients.

A single, secure mobile platform, enabling a broad suite of healthcare applications

- Barcode Scanning
- Nurse Call
- Patient Monitoring
- Medication Admin
- EHR
- Alarm Management
- Email
- Secure Messaging
- Web Browser
- Directory Services
- Calendar
- Medical Reference

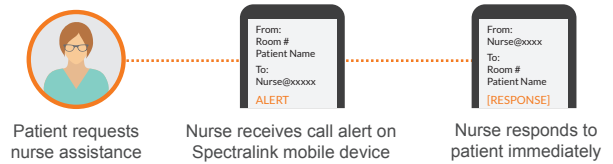## 4 Core Workflows Supported by Spectralink Clinical Mobility

- **Communication:** Simplifying how you communicate with and about the patient. This is simply how caregivers talk to one another, be it voice or secure texting. For three decades, Spectralink has been recognized for our superior voice quality.

- **Documentation:** Empowering clinicians to document and deliver care in the moment regardless of computer availability. This is how caregivers document the patient's medical experience via the Electronic Medical Record with rounding tools and validation of medications and procedures. By having an all-in-one communication and information tool in hand at all times, caregivers are empowered to make better decisions and be more responsive to their patient's needs.

- **Notification:** This is how caregivers receive alarms and alerts. Be it a bed exit alarm or system alarm associated with the patient's physiologic condition, the caregiver can respond immediately which saves the patient from further harm. It helps manage how you control alarm fatigue and disruption.

- **Information:** Having information at the caregiver's fingertips enables users to access critical information about the patient, the organization, or various processes and procedures. Having access to the apps that enable processes and provide additional insight into care is vital to clinical workflows.

Clinical communication solutions designed to streamline workflows and improve patient care

Nurse call systems

From simple alerts to alert escalation and real-time voice communication, Spectralink facilitates clear communication between patients and nurses. Patient needs are addressed faster and more efficiently, leading to higher patient satisfaction and improved HCAHPS scores.
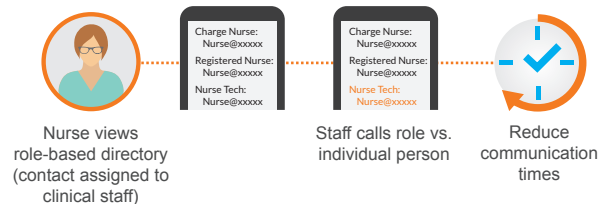
Workflow Example – Manage alarm fatigue

From:
Room #
Patient Name
To:
Nurse@xxxxx
ALERT

From:
Nurse@xxxx
To:
Room #
Patient Name
[RESPONSE]

Patient requests nurse assistance | Nurse receives call alert on Spectralink mobile device | Nurse responds to patient immediately

Patient care collaboration

Care teams need on-demand access to the latest patient information (e.g. test results). From intelligent voice, text, and alert notifications to specific applications, Spectralink solutions help to identify the appropriate care team members, and exchange messages quickly and securely. Rich applications are enabled to provide efficient communication to improve patient care.
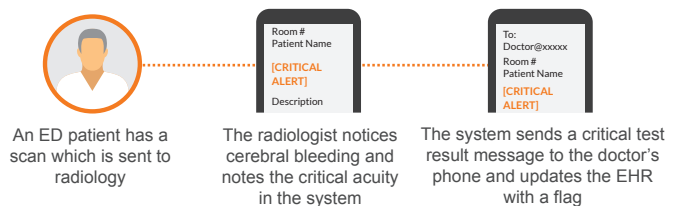
Workflow Example – Team collaboration

Charge Nurse:
Nurse@xxxxx
Registered Nurse:
Nurse@xxxxx
Nurse Tech:
Nurse@xxxxx

Charge Nurse:
Nurse@xxxxx
Registered Nurse:
Nurse@xxxxx
Nurse Tech:
Nurse@xxxxx

Nurse views role-based directory (contact assigned to clinical staff) | Staff calls role vs. individual person | Reduce communication times

Secure messaging applications

Spectralink devices provide a conduit for secure, HIPAA-compliant text messaging. Inter-departmental care teams can safely exchange critical information in real-time – from patient handoffs to lab results to prescribed treatments.

Workflow Example – Sending critical radiology results to the ordering physician

Room #
Patient Name
[CRITICAL ALERT]
Description

To:
Doctor@xxxxx
Room #
Patient Name
[CRITICAL ALERT]

An ED patient has a scan which is sent to radiology | The radiologist notices cerebral bleeding and notes the critical acuity in the system | The system sends a critical test result message to the doctor's phone and updates the EHR with a flag

Applications

Applications such as these enable mobile healthcare workers to improve communications to enhance clinical quality and safety. Understanding the types of communication flows is important in determining the applications and capabilities needed. Here is a list of sample healthcare application partners that work with Spectralink to bring unique mobile capabilities to clinicians and hospital staff. For a full list of application vendors, visit www.spectralink.com.

EHR

Allscripts

Cerner

Epic

MEDITECH

Patient monitoring

AIRSTRIP®

Bernoulli®

GE

PHILIPS Healthcare

Nurse call applications

AMPLION

JERON electronic systems, inc.

Austco

Hillrom

critical alert
We're Innovating Nurse Call

Rauland

West-Com
Nurse Call Systems, Inc.

Clinical safety

Johnson Controls

STANLEY Healthcare

Status Solutions

Electronic health record (EHR) systems integration

Spectralink healthcare solutions integrate with leading EHR providers such as Cerner, Epic, and Meditech, enabling on-site patient care while leveraging existing technology investments. This integration eliminates the need for nurses to log in and out of PC terminals, providing more immediate access to patient information.
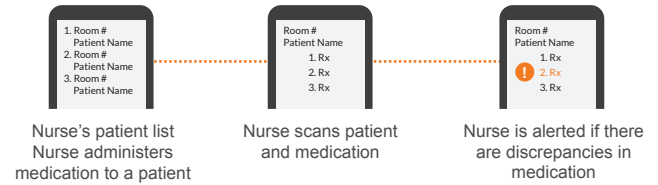
Patient monitoring applications

With Spectralink mobile devices, the clinician's connection to their patients remains strong, even when they are away from patients rooms. Spectralink devices provide large color displays that are readable in various lighting conditions. Patient vital signs and waveforms are easily accessed and readable – even on the go.
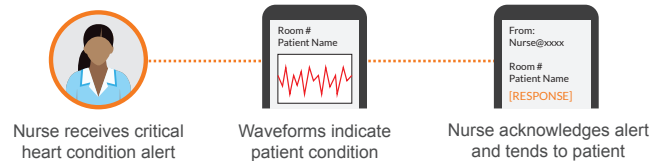
Clinical safety

Spectralink devices are designed specifically for mobile caregivers – enabling them to request resources and assistance quickly in the event of a patient emergency. Automated alerting, including details of the patient situation, facilitates timely, informed responses and effective triage.

Workflow Example – Nurse medication administration

1. Room # Patient Name 2. Room # Patient Name 3. Room # Patient Name	Room # Patient Name 1. Rx 2. Rx 3. Rx	Room # Patient Name 1. Rx 2. Rx 3. Rx
Nurse's patient list Nurse administers medication to a patient	Nurse scans patient and medication	Nurse is alerted if there are discrepancies in medication

Workflow Example – Receive patient care alerts and patient condition

Nurse receives critical heart condition alert	Room # Patient Name	From: Nurse@xxxx Room # Patient Name [RESPONSE]
	Waveforms indicate patient condition	Nurse acknowledges alert and tends to patient

Workflow Example – Increase safety

Clinician in an emergency situation	ALERT Room # Room #	To: Security ALERT Room #
	Alert button pushed, and location identified	Security team alerted and is able to assist

Clinical workflow

AGNITY

MD interconnect

perfectserve

Cerner

Mobile Heartbeat
CLINICAL COMMUNICATIONS

spōk

Connexall®

patientsafe solutions

TAGNOS
ORCHESTRATE EXCELLENCE

DRYRAIN TECHNOLOGIES

ThoughtWire

Hillrom

vocera

Secure messaging

tigerconnect

amtelco

HALO

HipLink

imprivata

qliqSOFT

Connexall®

Hillrom

Supporting technologies – Spectralink partners

Mobile device management (MDM/EMM)

Clinicians are increasingly using mobile devices to access patient information, collaborate, and collect bedside data, but healthcare IT managers need a comprehensive management solution to monitor, control, and protect both patient data and these devices. Robust MDM/EMM solutions provide centralized mobile access to patient information. This helps to collect, validate and share critical information across all care team members.

SOTI   MobileIron   airwatch by vmware   CITRIX   Microsoft Intune   Workspace ONE vmware

Fully integrated unified communication and collaboration

A unified communications (UC) platform enables employees to connect with other caregivers for real-time collaboration and data exchange. The use of common tools such as instant messaging (IM), web conferencing, voice mail, and email improve responsiveness and ensure timely exchange of information for enhanced patient care.

Microsoft   CISCO   AVAYA   broadsoft   Mitel

Real-time location systems (RTLS)

A real-time location system (RTLS) automatically identifies and tracks patients, staff, and medical equipment within the hospital walls. The solution detects the current geolocation of an individual or item, to help deliver more comprehensive care and assistance in patient emergencies.

CENTRAK   ekahau   sonitor   STANLEY Healthcare   TeleTracking

Spectralink enables modern healthcare in motion – empowering hospitals to deliver better patient care, faster.

Learn more at www.spectralink.com.

About Spectralink

As an award winner in mobile technology, Spectralink has been transforming the way our customers work and communicate for 30+ years. Through our determination to do extraordinary things, we enable mobile workforces and empower our customers and partners to explore what's next, what's possible. With our enterprise grade, best-in-class mobile solutions, we are with our customers wherever they work, however they need us. Our people, commitment to innovation and our passion are our foundation for success.