Case Study

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Connecting critical workflow across modern hospital environments



An integrated clinical mobility and communications solution designed to connect people, systems and time-critical workflows.

The Challenge

Critical healthcare workflows often span multiple systems, devices and teams.

Healthcare environments rely on numerous clinical and operational systems that often operate independently.

This can make it harder to deliver critical alerts, coordinate escalation pathways and maintain visibility across people, equipment and operational workflows.

The challenge was to connect these workflows without adding further complexity for the teams relying on them.

The Environment

A modern metropolitan healthcare facility.

Supporting complex clinical, operational and communication requirements.

Solution Areas

- Clinical mobility
- EMR integration
- Nurse call and escalation
- Staff safety and duress
- Hospital code calls and alerts
- Task management
- Real-time location services

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The Solution

Connecting mobility, communications and workflows into one coordinated healthcare environment.

Wavelink worked alongside healthcare stakeholders and specialist technology partners to connect clinical, operational and safety workflows through an integrated mobility and communications environment.

Events can be routed to the appropriate responder using role, location and workflow-based logic, helping information reach the people responsible for actioning it.



Our Engagement

Use case-led by design.

Wavelink worked alongside stakeholders to keep technology decisions aligned with operational requirements and priority use cases.

01 → 02 → 03 → 04 → 05

DISCOVER Workflows
MAP Requirements
PRIORITISE Use Cases
CONNECT Systems
ENABLE Outcomes

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The Outcomes

What a connected healthcare environment enables

By connecting mobility, communications, location and workflow technologies, healthcare organisations can create more coordinated environments for clinical and operational teams.

Clinical Mobility
Clinicians can securely access EMR patient records, clinical applications and communications through mobile devices.

Improved Response
Critical events can be directed to the appropriate responder with escalation pathways when required.

Operational Coordination
Tasks can be routed to appropriate teams with visibility across the workflow.

Staff Safety
Location-aware duress workflows support more informed incident response.

Greater Visibility
Location services support visibility across people, devices and critical equipment.

Solution Stack

Enabling Technologies

spectralink imprivata Olinqua CONNECTED HEALTH Powered by Wavelink

Complementary mobility, identity, workflow and location technologies from across Wavelink's healthcare ecosystem.

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Key Use Cases

Connected workflows in practice

Connected mobility, communications and location technologies can support critical workflows across the healthcare environment.



Nurse Call Escalation

Patient requests can be directed to the appropriate care team, with escalation when required.

Mobile Duress

Location-aware workflows support safety and incident response across the facility.

Asset Tracking

Real-time location services provide visibility into critical clinical equipment.

Mobile EMR Access

Secure mobile access to patient records and clinical applications.

Operational + Environmental Alerts

Operational alerts can be routed to the teams responsible for responding.

Medical Emergency Response

Emergency notifications can be rapidly distributed to relevant response teams.

Explore the opportunity with Wavelink

Identify priority healthcare workflows and explore a connected solution built around your organisation's operational requirements.

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