



As the largest provider of nurse call systems in New England, serving 120 hospitals and even more long-term care facilities from Maine to Rhode Island, SIGNET engineers the solutions to reduce noise pollution, improve patient and employee satisfaction, increase safety, and shorten response time.

Our products and system solutions are designed to meet the specific needs of each healthcare facility with cost-effective, state-of-the-art technology and service programs so vital to our healthcare industry clients.

Nurse Call

Swift, personalized response is a must when it comes to patients' needs. As a Rauland partner for more than 20 years, SIGNET offers the most technologically advanced and dependable equipment available, including the Responder®, an integrated solution platform that combines traditional nurse call functions with a variety of additional workflow and communications tools to allow rapid response to patients from anywhere within the facility.

Hospital TVs

Today's patients demand an interactive viewing experience. LG & PDI both provide many TV options: IPTV, and Digital TV with built-in DVD player to inform, educate, and entertain patients during their hospital stay. SIGNET provides a single source offering that brings hospital TVs and nurse call together.

Duplex Intercom

There are times when a voice message must be delivered across an entire department. The Stentofon® duplex intercom systems, available through SIGNET, produce the voice required to get the word out in OR departments, labs, and radiology areas.

Wireless GPS Clock Systems

SIGNET's complete offering of Primex, Rauland, and Sapling branded GPS synchronized timekeeping solutions makes it easier for your staff members to do what they do best—provide around the clock care to patients. When every clock throughout your facility is synchronized, workflow, efficiency, documentation, and patient care improves.

Wireless Telephony

Doctors, caregivers, and technicians stay connected using SIGNET wireless phone solutions. Calls are routed from nurse call instantly to the appropriate caregiver through Ascom wireless phones that maintain patient confidentiality and promote a quieter environment. Additionally, mobile alerts and priority messaging are displayed and prioritized in order of criticality. Optional integrations with medical monitoring equipment make this platform an important life safety communications system. SIGNET has more experience deploying integrated wireless telephony than any

Service

As nurse call, integrated wireless phones, and associated software become more technologically advanced, our valued clients can rest assured that SIGNET has the in-house expertise needed to maintain, update, support, troubleshoot, and repair their individually tailored solutions. Leveraging our own factory trained, Reptrax/Vendormate credentialed personnel, SIGNET offers 24/7/365 on site emergency response and VPN remote system diagnostic services to ensure no down time, and facility peace of mind.

Services offered include:

- Remote System Diagnostics
- Software Maintenance Programs
- Preventive Maintenance
- Critical Component Stocking
- Equipment Repair
- Equipment Replacement
- Ongoing User Training Refresh
- Hospital Personnel Technical Training Courses/Certification





302:1 Code

Products

At SIGNET, we endeavor to be the most knowledgeable technology partner possible, and we recommend solutions based on experience, application and client budgetary concerns. In order to succeed in our goal of having a proven technology for virtually every challenge, SIGNET partners with the premier platform and solution providers in our business to ensure that we can embrace virtually any challenge with a best in-class product solution. The world-class manufacturing partners represented by SIGNET include:

www.rauland.com



www.ascom.us



www.hci-tv.com



www.stentofon.com



www.spectralink.com



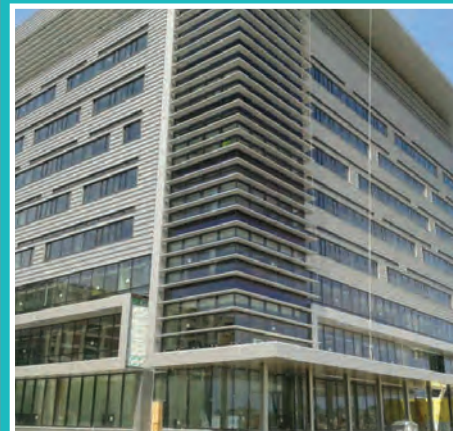
www.primex-wireless.com



Leading the nurse call selection process, Spaulding's CIO sought out a platform that was a true "integrator." The vision was to integrate Cisco wireless VoIP handsets, Globestar middleware, Meditech HL-7 medical information, hospital feature beds, and medical nurse call reporting software, leveraging SIGNET's "Power of One."

Case Study

**Spaulding Rehabilitation Hospital
Boston, Massachusetts**



Challenge

Spaulding Rehabilitation Hospital is a brand new 150 bed specialty adult rehabilitation facility and an affiliate of Partners® Healthcare. Built in the historic Charlestown Navy Yard, the new hospital provides 260,000 sq. ft. at a construction cost of \$165 million.

Leading the nurse call selection process, Spaulding's CIO sought out a platform that was a true "integrator." The vision was to integrate Cisco wireless VoIP handsets, Globestar middleware, Meditech HL-7 medical information, hospital feature beds, and medical nurse call reporting software. A non-blocking/open system architecture was of paramount importance. The hospital desired a local systems integrator that completed this specialized work in other area hospitals. The Spaulding Rehab committee traveled to another Partners® affiliate (Faulkner Hospital) to experience a similar facility-wide implementation.

Solution

SIGNET provided the Rauland Responder 5 VoIP Nurse Call platform, along with full system integration software suites and services. The solution is a large facility-wide integrated network of 150 patient rooms, including SIGNET installed, LG brand 32" LED hospital grade televisions. The all private rooms facility provided feature bed interface, medical equipment alarming, digital television integration, along with a patient station, code/staff assist, and workflow enabled pillow speakers with three "direct" call buttons for pain, water and restroom. A 4-button bed management station was installed near each doorway, which initiates call processing cycles for pain re-assessment, "staff assist" and staff presence indicators signaling assigned Cisco wireless handsets.

SIGNET integrated Spaulding's Meditech HL7/ADT medical information data feed into a large array of Rauland software suites, which reside on the Partners® Healthcare local area computer network. They offer staff assignment/integration to Cisco wireless handsets, nurse call reports manager, and a PC console suite to integrate and display functions onto existing nurse station PC desktop displays, and "computers on wheels" carts. Approximately 100 Samsung/LG brand digital signage flat panel displays were provided and installed by SIGNET's A/V group.

SIGNET also provided the facility's life safety EST3 Fire Alarm System with Voice Evacuation capability. The system directly controls all building systems including dampers, fans, elevators and other ancillary systems. This highly complex life safety system was fully engineered by SIGNET's engineering group.

The new Spaulding Rehabilitation Hospital construction project leveraged SIGNET's "Power of One," bringing multiple disciplines and systems together for a more powerful and "integrated" end result.

