# RESPONDER® HEALTH CARE COMMUNICATIONS SYSTEMS

# Responder

## SOFTWARE SUITE MODULES

## PC Console Features

- Efficient and simple computer display of nurse call activity
- Completely interactive application with the nurse call hardware
- | Control | Cont
- 2 distinct views: list view and census view
  - Can collaborate with a nurse call VoIP console for true interoperability.

#### PC CONSOLE DESCRIPTION

The PC Console is a fully integrated application that displays all nurse call activities on a networked workstation (PC). The application is implemented as a client server model and is executed by clicking a short cut on the desktop(s). The communication protocol between the client and the server is strictly TCP/IP on a facilities LAN/WAN. These workstations are non-dedicated, non-Rauland supplied computers that can co-host any other facility supported software.

The PC Console has 2 distinct views for displaying information. List – displays staff information (including name, type of employee, wireless device(s) they are carrying and their status); active patient calls on the system (including room and bed, type of call, corridor light activity and patient information); active service requests or reminders on the nurse call system.

Census – displays beds in numerical order bringing together patient information, staff information, and physician information with the nurse call activity (calls and services) for that bed.

The PC Console is initially licensed for 50 patient beds with the capability to expand a system in 25 bed increments.

## STAFF ASSIGNMENT FEATURES

- Software application allowing the association (assignment) of staff members with wireless devices to patient beds
- Ability to assign staff up to 7 days into the future
  - Ability to view staff assignments up to 7 days in the past
- Visual workload indicator as patients are assigned to staff members
- Harnesses the robust features of the nurse call escalation logic and displays in a simple and user friendly PC interface

#### STAFF ASSIGNMENT DESCRIPTION

Staff Assignment is a software application that allows staff members to pre-assign caregivers to be responsible for certain patient or room needs. These needs can range from needing assistance to the bath, a patient fall, or a spill in the room and can be assigned to the appropriate staff or team member(s). Individuals can be assigned

room to a single room (bed), units, floors or even to the entire facility with a click of the mouse. A user friendly GUI presents a simple and intuitive screen for staff assignments. The Staff Assignment module is a one time purchase that will allow assignment to as many Responder licensed nurse call beds created.

## REPORT MANAGER FEATURES

- Reporting application that allows users to run meaningful reports from the MS SQL 2005 database
- Allows for granular access (specific reports, specific units) to be granted based on the user's role
- Allows users to save reports to their individual user profiles for
- Simplified reference
- Intuitive reports remember the parameters from the users last run of the report
- Both detailed and summary reports are available

#### REPORT MANAGER DESCRIPTION

The Reports Manager module allows for robust reporting of all current and historical nurse call activity. This module pulls information from a fully historical MS SQL 2005 database that optimizes data storage for report generation without compromising system response times. Some Reports are:

- Call Statistics Reports
- Daily/Weekly/Monthly Statistics by Room/Unit

- Room/Unit Activity Report
- Staff Registration Report
- Staff Productivity Report
- Staff Sign On Report
- Staff Assignments Report
- Patient Activity Report
- Device Report



## Model: Software Suite Modules Continued

## **HL-7 ADT INTERFACE FEATURES**

- Integration with the facilities Health Information System, specifically the ADT (Admission, Discharge and Transfer) components
- Unidirectional interface
- HL-7 version 2.3 and 2.5 compliant

#### **HL-7 ADT DESCRIPTION**

Integration to the facilities ADT messages enhances the user's nurse call experience by bringing in pertinent patient information. This information is stored in a secure MS SQL database that allows only authorized users the ability to view within the Responder modules.

### Wireless Device Integration Features

- The Pocket Page Module provides integration with standard pocket page transmitters and wireless device messaging applications.
- The Telephony Integration Module provides communication from the Responder 5 nurse call system to wireless phones.
- It enables caregivers and hospital staff to talk directly with a patient via a wireless phone.
- Allows facilities to integrate with their current pagers and or wireless phones with the Responder 5 nurse call system.

#### WIRELESS DEVICE DESCRIPTION

The Pocket Paging Interface Module is a software application that runs on a computer and serves as the data interface to a pocket paging encoder or PC used for wireless telephony messaging. The Pocket Paging Interface Module supports the TAP 1.8 protocol standard.

The Telephony Integration Module is a software application that runs on the Responder Gateway Server to provide a true SIP telephony integration. With this interface calls placed on the Responder 5 nurse call system can be routed to their designated phone with the patient call displaying the nurse call information on the phone.

A staff member can then simply answer the patient's call and converse directly with the patient over the associated nurse call patient station. Depending on patient requirements and system configuration the staff member, using their telephone dial pad, may set a service requirement at the patient's bedside station which in turn may alert a backup team member to respond. A staff member can also dial into the Responder 5 system when they are notified of a patient's call (via pocket page, staff follow tones, etc.) and converse directly with the patient.

## **Rauland-Borg Corporation**

Architects and Engineers Specifications available on disc. Specifications subject to change without notice.

USA • CANADA • www.rauland.com

800-752-7725905-607-2335

Fax 800-217-0977Fax 905-607-3554

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