Real Time Locating Systems (RTLS)
RTLS INTEGRATION MAKES NURSE CALL BETTER

Integration of Real Time Location System (RTLS) technology into the CommonPath nurse call system creates substantial gains in workflow efficiency, bed-level presence awareness and reporting.

CONNECTIVITY & FLEXIBILITY LEAD TO REAL INNOVATION IN NURSE CALL

RTLS Optimizes Workflow Efficiency
Integration of RTLS and nurse call allows caregivers to automatically close nurse call related workflow events simply by being present in the room. This eliminates the need to manually press buttons on patient stations, allowing nurses to more immediately interact with patients.

Because CommonPath can monitor the credentials of the staff member assigned to a particular badge, it can automatically determine whether or not that staff member's presence should end the workflow (eg. only an RN can fulfill a pain med request).

Embedded RTLS Solution
Critical Alert offers a native RTLS solution specifically created to identify and track the location of staff members and other hospital assets (ex: IVs/pumps/wheelchairs/etc.) throughout a client facility. Our lightweight IR badges transmit the location of staff and equipment to receivers in rooms and corridors located throughout the hospital.

Combining Staff Presence With Worklfow Greatly Enhances Reporting
Integrating RTLS with Critical Alert Nurse Call helps nursing administration can gain deeper insights into the workflows and staffing levels by the floor or unit. This bed-level awareness detail allows nurse administration to generate relevant actionable intelligence on the operational efficiencies within their departments.

RTLS Data Helps Substantiate Rounding Compliance
Effective rounding should lower the amount of requests coming into the nurse call system. However, without data to demonstrate this dynamic, nurse leadership is challenged to establish whether or not their rounding practices are truly addressing patient needs.

CommonPath reporting demonstrates the effectiveness of your staff rounding procedures and can highlight areas that patients pay attention to on hospital surveys - such as pain, bathroom needs and position changes.

Benefits of Embedding RTLS With Nurse Call:
- Tracking bed-level presence of staff
- Enabling hands free workflow - ability to cancel calls as staff member enters room
- Staff presence triggers dome light with specific staff color
- Displays staff location on networked PC
- On-device triggering of Staff Emergency/Assist
- Merge staff presence detail into workflow reporting
- Asset optimization & asset management
- Native integration - no middleware required

RTLS Integrations — WE'VE TAKEN THE TIME - *SO YOU DON'T HAVE TO*

CENTRAK®   ekahau   STANLEY Healthcare   VERSUS™ Locating Advantages for Healthcare™

Native Integrations With Industry Leading RTLS Manufacturers
CommonPath natively integrates with Stanley Healthcare (AeroScout), Centrak®, Ekahua® and Versus®, offering optimized clinical workflow, increased productivity and enriched reporting detail without the need for costly middleware. Our integrations are developed to operate seamlessly with these manufacturers regardless of the underlying sensory networks: radio frequency (RF) optical infrared (IR) or acoustic (ultrasound).

Deploying RTLS as a component of nurse call provides considerable insight into staff workflow that can help hospitals be more efficient in everything from hourly rounding to the admission, transfer and discharge process.

RTLS Use Case

AUTOMATIC CLOSED-LOOP CONFIRMATION OF PATIENT REQUESTS

Here's How Passive Workflows Work Using RTLS

1. Located throughout a unit, floor or facility, a number of receivers will track the RTLS badges assigned to each staff member

2. Each time a staff member enters the room, his/her presence will be captured and monitored

3. When a staff member is dispatched to a room, the RTLS badge will track who the caregiver was, their role, how long it took to arrive and how long they stayed

4. Any alarms/dome lights/etc. tied to the CommonPath Nurse Call System will automatically respond to the staff member's presence and change status

5. Should the request require a higher level nurse resource, the alarms and lights will not change status until a nurse with those credentials arrives (managed through roles)

6. Finally, purposeful rounding reports can demonstrate clinical effectiveness or to prove bed-level presence in the event of a complaint or adverse/sentinel event

Roles, Badges & Staff Assignment

Because CommonPath is aware of the credential of the staff member tied to a particular RTLS badge, it can automatically determine whether or not a staff member's presence should end the workflow.

Enhanced Reporting

Integration of RTLS improves reporting capabilities, particularly around workflow, rounding effectiveness and sentinel events. CommonPath reporting can be viewed by floor, unit, request type or staff member, allowing hospitals to generate actionable data in key areas that are essential to patient safety and satisfaction.

RTLS enriches reporting by combining data sets on staffing presence, request type & time of day. This invaluable insight helps validate rounding compliance, staffing levels, patient request fulfillment policies and workflow effectiveness. Staff can work smarter with help from RTLS and hospitals can realize improvements in cost of care, staff retention and patient satisfaction as a result of improved efficiency.

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