

Application Note:

Staff Workflow Solution with Nurse Call System Integration

Improve Staff Efficiency and Patient Care via Real-Time Visibility, Better Communication, More Efficient Workflow and Automated Reporting

Challenges

Every nurse call solution is designed to connect staff to patients. Standalone nurse call solutions support communications, but they typically introduce another set of challenges. Lack of integration between nurse call and other staff communication systems can hinder automation, contributing to operational inefficiencies and procedural errors. Another significant shortcoming: siloed solutions fail to tap into the wealth of shared data that an integrated solution can deliver. This makes it difficult or impossible to accurately measure, track and continually improve patient care and staff workflows.

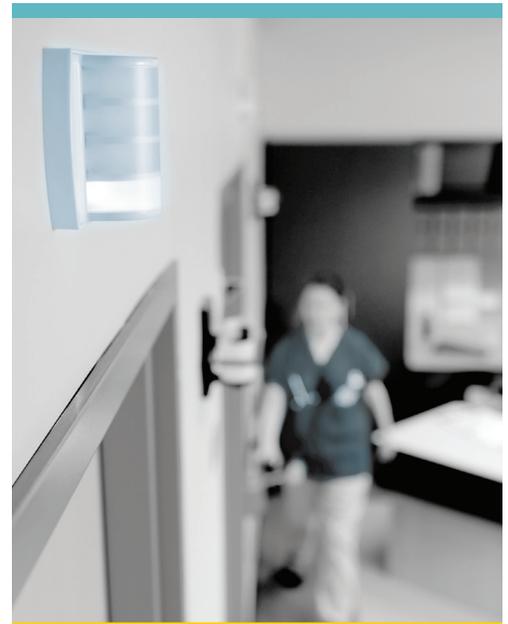
Solution

As part of the STANLEY Healthcare's Wi-Fi RTLS platform, the AeroScout® Staff Workflow solution provides enterprise awareness to improve staff satisfaction and workflow efficiency. By monitoring the status and location of staff, it provides data for real-time enterprise visibility and robust business intelligence. Hospitals can better assess how care is delivered and identify new ways to improve processes and procedures.

The full integration of our Staff Workflow solution and nurse call systems enables hospitals to track and monitor staff movement down to the room- and bed-level location. This capability is imperative for automating the workflow of nurse call systems. It provides nurses with the ability to care for patients more efficiently by improving staff communication, response time and patient safety. In addition, the combined solution provides data on hospital-wide activity for reporting, analysis and workflow improvements.

How It Works

Each staff member is assigned a small, battery-powered tag that automatically reports their location anywhere in the facility. Powered by the AeroScout MobileView® software platform, the solution automatically documents caregivers' real-time locations and reduces or eliminates the need for manual logging and reporting. This frees clinicians to provide more direct patient care. Staff member information is sent in real-time to the nurse call system to automate dome light activation and cancel patient calls. The solution integration enhances response time and patient safety—leading to a better patient experience and higher nurse satisfaction.



Benefits

- Improves response time of caregivers
- Reduces “non-value added” tasks, including manual reporting and documentation
- Improves staff communication
- Optimizes resource utilization and workflow
- Offers advanced business intelligence tools for process improvement
- Enhances staff and patient satisfaction

Share with patients and families the exact time that nurses attended to an individual—enhancing satisfaction and trust.



Automated Status Updates: The integrated solution automatically cancels the patient call when a nurse walks into the patient room. It also illuminates the corridor light outside the patient room, supporting multiple colors to indicate staff role. This signifies to other team members that a patient is being attended to and by which type of staff. Once the nurse leaves the room, the corridor light automatically turns off.

Call Routing: Quickly locate assigned staff members throughout the department, unit or entire hospital. The solution enables rapid response to patients by routing calls to the closest staff member.

Advanced Reporting: The solution captures and stores all event data: when a staff member was in a patient room, the length of time spent with the patient, and the time it took to respond to a patient event. Automated reports with precise event detail reduce the amount of manual reporting required from staff so they can spend more time caring for patients.

Patient Family Satisfaction: Patient care information, such as the exact time that nurses attended a patient and duration of time spent with a patient, can be shared with patients and family members to foster satisfaction and trust.

Staff Assist (Optional): The AeroScout Tag call button can also be used for staff members to send out calls in case immediate assistance is required or in staff duress situations.



The T2su tag is a compact, ultrasound staff or patient tag that can be worn on badge clips, lanyards or wrist bands to provide real-time location data

Solution Highlights

- Automatically illuminates the light outside a patient room whenever a staff member enters, supporting multiple colors to indicate staff role
- Provides visual indications to other staff members that the patient's needs are being addressed
- Helps locate the caregiver closest to a patient requiring immediate attention
- Eliminates the need for staff to manually record time spent with patients or document responses to patient call
- Automatically cancels the visual alert when a nurse enters the patient room
- Generates reports with precise event detail, including date and time stamps, accurate response times and durations in patient rooms
- Offers advanced business intelligence tools for process improvement



Automatic illumination of the light outside of a patient room when staff enters