Solution Overview:

# Arial® Emergency Call and Wander Management

A Powerful Platform for Centralized
Event Management, Notification and Reporting



**Arial®**

## Challenges

In order to provide high-quality care, senior living communities must ensure the safety and security of their residents at all times—particularly those who may be at risk of wandering. To maximize independence, residents need a simple convenient way to request caregiver assistance.

From a caregivers' perspective, they need actionable information in order to respond to emergency call alarms in a timely manner, document resident encounters and communicate with co-workers on an ongoing basis. Additionally, administrators require the ability to generate reports for compliance requirements, family discussions and the development of resident care plans.

## Solution

STANLEY Healthcare's Arial Events Management, Notification and Reporting Platform provides powerful information about your community to help keep residents safe and secure, and provide high-quality care.

In addition to its robust Emergency Call functionality, the platform also offers built-in Wander Management capability to provide residents who are prone to wandering with increased independence. Its powerful management dashboards, web-based reports and convenient mobile app enable caregivers and administrators to measure and improve performance on an ongoing basis.

## How It Works

The Arial wireless platform can leverage a community's existing Wi-Fi network or be deployed as a turnkey installation. It combines a Call Station and Pendant to enable residents to easily call for help from anywhere in the community. Arial can support a variety of wireless call stations, pendants and other transmitters as part of a deployed system. When a resident activates a call point or pendant, a signal is sent to the server computer over the wireless network. It also provides built-in wander management capability. With this application, residents deemed at risk of wandering

## Benefits

- Compatible with Arial Mobile App, an innovative alarm handling and messaging tool for caregivers

- Can leverage investments in existing Wi-Fi networks for lower total cost of ownership

- Designed to fit any facility with multiple wireless infrastructure options

- Accurate location reporting with customizable, defined location zones

- UL 1069 certified Arial wireless solution for Skilled Nursing Facilities

*The app makes it easier for the caregiver to effectively respond to resident calls. We are able to anticipate and meet resident needs while improving resident safety and satisfaction."*

*- Beckey Hjaltalin, Director of Wellness
  ABHOW – Judson Park*

wear a small and discreet bracelet, and exits are monitored by door devices. When a resident approaches a monitored exit, the door can either be locked to prevent egress or an alarm can be generated in the Arial software.

In addition to distress alerts, the solution offers a daily check-in feature built into the unique STANLEY call station for residents to indicate they are okay. If this does not happen, an alert is generated in the software and sent to notification devices.

The Arial solution enables consolidated event management from a variety of devices and systems, including:

- Motion Detectors
- Smoke Detectors
- Door and Window Sensors
- Temperature and Humidity Monitors
- Glass Break Sensors
- Fall Monitors

Arial can also monitor inputs, alarms and events from many other sensors and 3rd party systems through the use of universal wireless transmitters and input/output modules.



Small, light and comfortable wireless resident Pendant



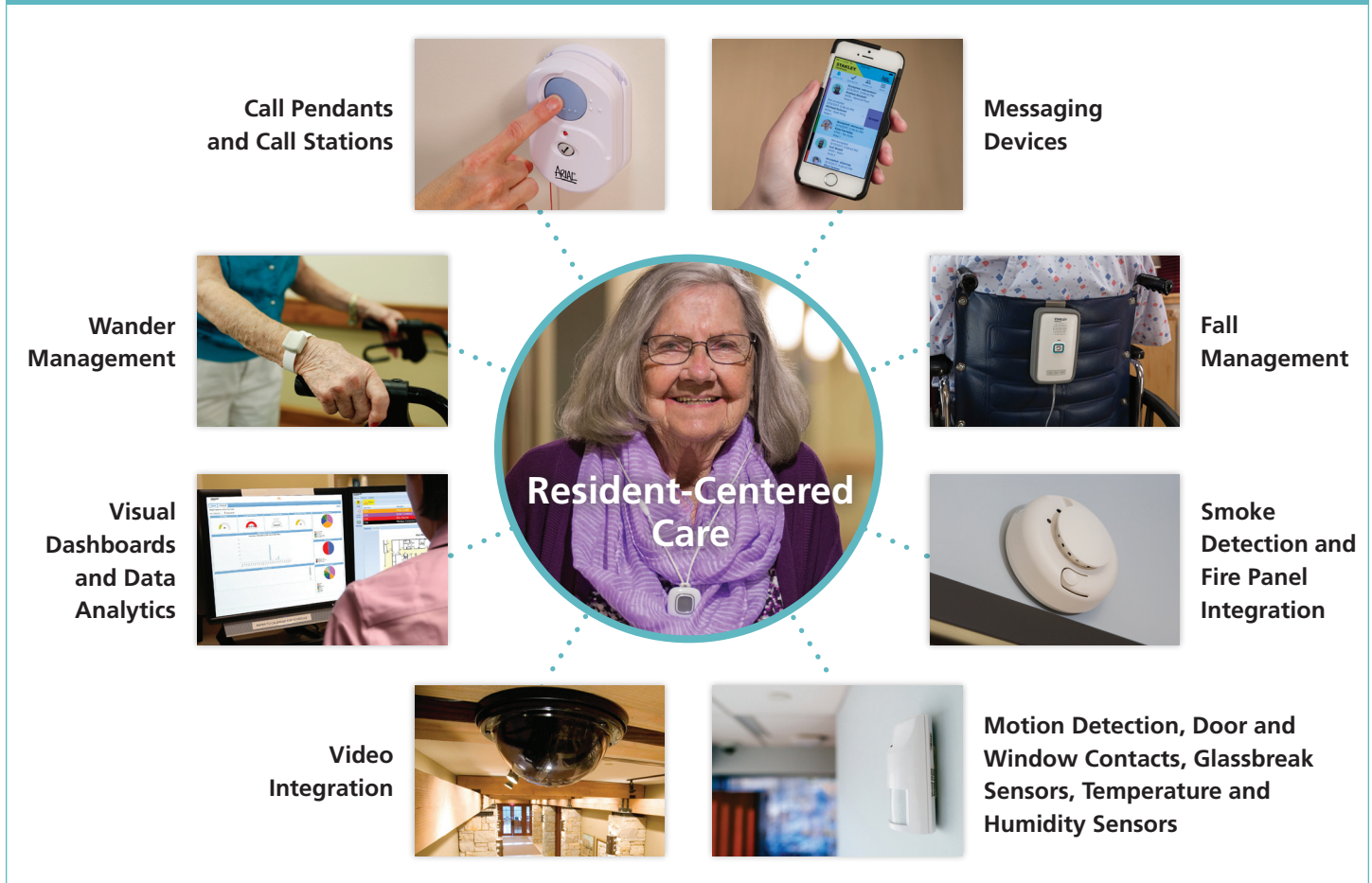Battery-powered wireless Call Station with Reset

## Solution Highlights

- Compatible with the Arial Mobile App, an innovative alarm handling and messaging tool

- Can leverage investments in existing Wi-Fi networks for lower total cost of ownership

- Fully supervised device communication over multiple wireless mesh and Wi-Fi networks

- Multiple call point options, including portable pendants, and call stations for resident rooms, bathrooms and common areas

- Consolidated event management of multiple systems: fire panel, access control, wired nurse call equipment, fall management and more

- Event notification via mobile application, IP phones, pagers, scrolling signs, e-mail, and text message



*Above:* The Arial software interface, management dashboard and mobile application

# Arial with Arial Mobile App: A Powerful Platform to Ensure Resident Safety and Security



**Call Pendants and Call Stations**

**Messaging Devices**

**Wander Management**

**Fall Management**

**Visual Dashboards and Data Analytics**

**Resident-Centered Care**

**Smoke Detection and Fire Panel Integration**

**Video Integration**

**Motion Detection, Door and Window Contacts, Glassbreak Sensors, Temperature and Humidity Sensors**

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### Wi-Fi Pendant

The Wi-Fi pendant enables residents to call for help from anywhere in the community by simply pressing a button. It's water resistant with LED and buzzer indications and a 12 month battery life.

### Wi-Fi Call Station

The Call Station with Reset is designed for use in resident rooms or common areas, with residents able to call for help via a large push-button, a pull cord, or an optional remote push-button. The Water Resistant Call Station is ideal for bathrooms, and features a push button and optional pull cord.

### Messaging Devices

The solution can integrate a wide variety of messaging devices, including Ascom and Spectralink IP phones, pagers, dome lights, scrolling signs, and the Arial Mobile App.

### Wander Management

The wander management application consists of resident bracelets attached with a band, door monitors with an antenna and keypads for staff members to bypass the door to escort a monitored resident.

### UL1069 Certified Nurse Call Integration

The Arial solution can be deployed as a UL 1069 certified Nurse Call System to provide advanced event management, notification and reporting capabilities, while meeting regulatory requirements for Skilled Nursing facilities. The Arial platform can be deployed to simultaneously serve both UL 1069 Skilled Nursing and Assisted Living environments, with consolidated event management, notifications and reporting, making it an ideal choice for CCRC or mixed environment campuses.

### Fire Panel Integration

The Arial solution includes the ability to integrate to Fire Panels. Fire alarm messages can be received from the Fire Panel, and then notification messages can be sent to staff through Arial to pagers, SpectraLink phones, signs, texts, e-mails or the Arial Mobile App. Fire alarm locations can also be configured to display on the Arial maps.

## Additional Components

### Network Infrastructure

The solution requires minimal infrastructure. Key components include the Network Coordinator, which acts as the interface between the wireless network and the server computer, and Repeaters which enable locating of pendant alarms. Arial can also operate over an existing Wi-Fi network, or can be deployed as a turnkey Wi-Fi deployment with the Arial Gateway wireless receiver.

### Server

The Server computer receives alarm and status signals from pendants, call stations and other devices, processes this information, and relays it to Client computers and messaging devices such as IP phones, pagers and display signs. The Server also stores the database of system activity. Note that the Server can also act as a client, displaying the Arial software for day-to-day tasks.

### Clients

Optional client computers display the Arial software for managing alarms, monitoring system activity and running reports. The software features a visually driven user interface, with alarm information automatically highlighted.  The interface can be tailored to each user, so that staff members only see the information they need to do their jobs, while administrators can have full access to run reports and change system settings.

### Many Wireless Transmitter Options

The Arial solution can include many optional transmitting devices for receiving alarm inputs and status information to allow monitoring and staff notifications. These wireless transmitters include:

- Door/Window Contacts
- Motion Detectors
- Smoke Detectors
- Glassbreak Sensors
- Temperature/Humidity Sensors
- Long Range Universal Transmitter

### Arial Mobile Application

Our powerful mobile application operates on a large variety of mobile devices, including Apple iOS, Android and Windows operating systems. Its features ensure all staff have visibility to active alarms, their status and who is responding:

- Alarm Message Handling
- Documentation of Staff and Resident Encounters
- Staff-to-staff text messaging for care collaboration
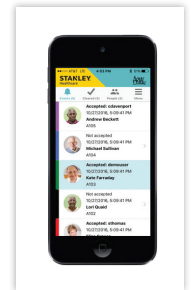
### About STANLEY Healthcare

STANLEY Healthcare partners with senior living communities to elevate resident quality of life with a unified suite of proven solutions that enable a safe and secure environment, allow for greater resident independence, enhance staff productivity and operational efficiency and personalize resident care. These solutions are complemented by consulting, training, implementation and integration services. STANLEY Healthcare is proud to be part of Stanley Black & Decker, Inc. For more information, visit **www.stanleyhealthcare.com** or email **seniorliving@sbdinc.com**.

## STANLEY
### Healthcare