

APPLICATION NOTE

WanderGuard® BLUE Geofencing

Improved resident safety
with location-based wander
management

WanderGuard®
BLUE



Solution Benefits

- **Protect resident dignity and independence with discreet wearable devices** that can be used to monitor their location within a building
- **Manage a resident's location** by establishing areas where residents are expected (or not expected) and easily display the resident's location on facility maps
- **Designate safe zones** within the community and receive notification if residents leave their designated area

Challenges

Wander management and access control systems can help to ensure resident safety and reduce elopement risk, but geofencing tools can add a new level of safety for wander-risk residents.

Geofencing is a location-based technology that triggers an alert when a resident exits a virtual boundary, known as a geofence. Each resident is individually protected with maximum freedom.

Solution

With WanderGuard BLUE wander management integrated with Arial® emergency call, communities can configure a geofence to monitor activity in secure areas, allowing caregivers to see alerts when residents leave a specific area. These virtual boundaries can be used to initiate “out of area” alerts and notifications to manage the presence and movement of seniors within a senior living community.

How It Works

Discreet WanderGuard BLUE bracelets are supervised devices that beacon every 20 seconds, allowing the system to monitor a resident's location in the community. Arial uses a powerful location engine to calculate resident location, which allows location tracking of residents on a community map.

Caregivers can establish a virtual boundary around a specified location on facility maps, establishing areas where residents wearing supervised devices are expected (or not expected). This virtual geofence can trigger an alert when an authorized device exits that area.



For example, when a supervised device is detected outside of its area, an “Out of Area” alarm can be generated by Arial and sent to caregivers so they can find the resident and bring them back to their normal area in the building. An “Out of Range” alarm occurs when the supervised device is no longer detected. The alarms clear when residents return to their assigned area.

A “Defer” feature can suppress both of these alarms for occasions when the resident had a reason to be outside of their normal area of the building. This prevents unnecessary alerts from repeatedly being sent to caregivers while the resident is away. Once the resident returns, the Defer automatically cancels.



Interior Wander Notification Zones

Create virtually bounded areas within a community for memory care residents and automatically notify caregivers if the resident leaves the area



Area Designation

Assign a resident to a specific area of the facility (i.e. assisted living wing, memory care wing, independent living wing) and receive notification if they leave their designated area



Special Area Protection

Assign a resident temporarily to an area like a courtyard or activity room and receive notification if they leave the area



About STANLEY Healthcare

Over 15,000 hospitals and senior living communities rely on STANLEY Healthcare solutions to empower caregivers to deliver better care. STANLEY Healthcare is a part of Stanley Black & Decker and a proud supporter of the Alzheimer’s Association®. Learn more at stanleyhealthcare.com.