![AiRISTA Location. Insight. Visibility.]

Ommelander Hospital Groningen
Staff Safety / Hospital Workflows

Integration of AiRISTA's Staff Safety solution and the Ascom Healthcare Platform adds location awareness to common hospital workflows.

Ommelander Ziekenhuis
Groningen

Customer Challenge

When building the new facility, Ommelander Ziekenhuis Groningen wanted to leverage their new HPE Aruba networking Wi-Fi for mobility solutions to help clinicians make decisions and respond to events in the moment. OZG chose best in class vendors to create an integrated staff/patient monitoring solution. Ascom's clinical consultants teamed with Dräger for patient monitoring and AiRISTA for staff safety. Integrator, Lumiad, ensured a robust Wi-Fi environment for the Ascom Healthcare Platform's mobile devices and AiRISTA's RTLS location technology.

The Solution

OZG quickly realized they needed intelligent alarming with the Ascom i62 Wi-Fi handsets and Ascom Myco 4 smartphone handsets to include location. AiRISTA's staff safety firmware was integrated with Ascom devices. Two-way communication with responder's devices ensured a coordinated response based on rules in AiRISTA's RTLS software platform.

When an alarm is initiated, customized rules deliver the alert to the designated group and the response is assigned. The alarm can be localized so only responders in the area are alerted. As an integrated device, the i62 Wi-Fi handsets and Ascom Myco 4 smartphone handsets became an indispensable nurse call solution. "Ascom and AiRISTA solutions make our hospital a safe place to work and stay."

Results

- *Faster, more coordinated response to duress events*
- *Camera + location assist common daily workflows*
- *Single device eliminates complexity for clinicians*

About the Customer

The Ommelander Hospital Groningen (OZG) is located in the northeastern region of the Netherlands, serving the healthcare needs of the local population including northern Germany. With a staff of 1,200, it provides a wide range of medical services, including general medical care, specialized treatments, surgeries, and emergency services.
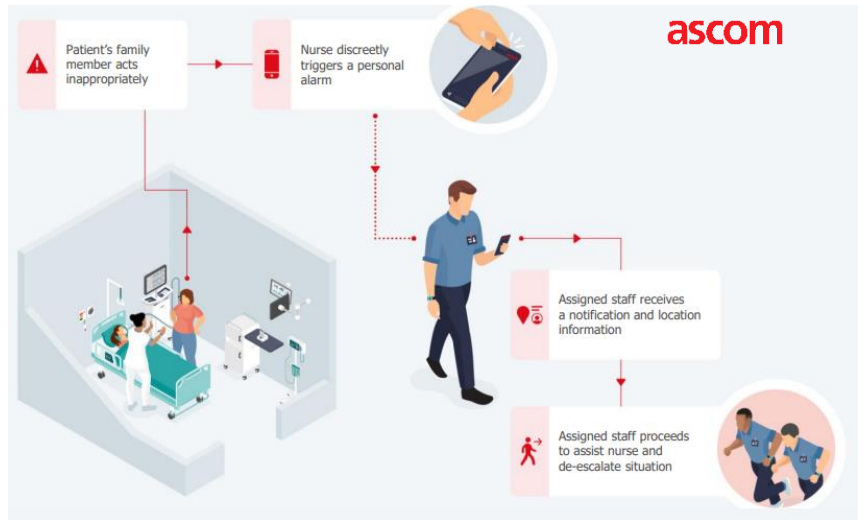
Combining 2 hospitals, a new facility was built in 2018, creating an opportunity to introduce the latest technology combining collaboration and location awareness.

Solution

- AiRISTA B4n Staff Tag Firmware
- AiRISTA RTLS Software Platform
- Ascom Healthcare Platform and Mobile Devices i62, Ascom Myco 4
- Dräger patient monitoring solution

Customer Details & Solution

The Ascom Healthcare Platform delivers real time situational awareness to Ascom mobile devices and alerts hospital staff about changes in patient conditions and duress events. Using voice over IP (VoIP), the devices allow staff to collaborate in the moment for an efficient response and improve patient outcomes. Integration with Dräger's patient monitoring solution delivers not only alerts but includes waveform images for contextual information.

Support for AiRISTA's staff safety solution provides a coordinated response to duress events through user definable rules. These rules send custom messages to devices of responders who can request escalation if needed. Events are time stamped and a playback recording shows path of people involved. The solution can also be integrated with building systems like cameras and door locks.

Solution Benefits

With a single device, clinicians have access to patient monitoring tools, collaboration around common workflows including camera integration and location, as well as the industry's most robust staff duress solution.

- *Benefit 1 Staff confidence of a prompt and organized response in the event of a duress situation.*

- *Benefit 2 Increased timeliness and resource efficiency when dispatching personnel for common tasks.*

- *Benefit 3 Reduce the number of devices carried by staff combining collaboration, workflow, and duress alerting.*

- *Benefit 4 Wireless expertise by AiRISTA partner, Lumiad (lumiad.com), ensures reliable service in demanding environment.*

Panic Button

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Looking Ahead

- *With support for AiRISTA's Android client, the Ascom Myco 4 smartphone is being phased in to continue the staff safety features of the i62.*
- *A strong business case for medical device integration was created by Gilbert Plagge, Ascom Account Manager Healthcare ICT (pictured left).*
- *AiRISTA is supporting efforts to embed its firmware in such medical devices.*
- *What began as a targeted initiative in 4 units, OZG looks to deploy Myco 4 across the entire hospital after a successful Ascom Myco 4 device trial.*

"Every employee now has a personal security guard. It is not just a service, it provides a great sense of security." OZG

About AiRISTA

AiRISTA's Location Services Solutions are the heart of some of the world's largest RTLS deployments representing hundreds of thousands of end points per customer in demanding environments like the California Department of State Hospitals, the US Defense Health Service, and Fortune 500 companies. For details visit our web site or contact us for a demo (salesinfo@airista.com).

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