



SARA

Mobile duress as a first step to achieving situational awareness



Equipping people with personal help buttons to **summon immediate assistance**

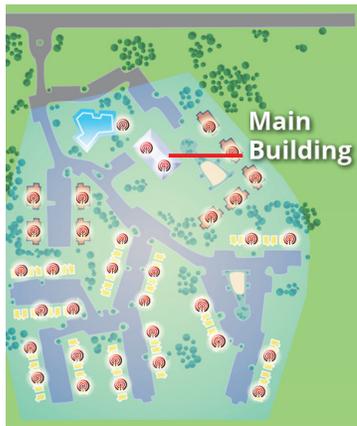
There's no time to waste when lives could be at risk. To speed emergency alerting and response, mobile duress technology in the form of personal panic buttons has been widely adopted in such high-risk environments as senior living facilities. As the pioneering provider of mobile duress for situational awareness, we've given thousands of people access to immediate assistance and greater peace of mind — from residents of retirement communities to judges to teachers and other school staff. Now we're seeing hotels and resorts, as well as manufacturing plants, implement SARA for mobile duress because it helps them strengthen their safety and security programs. Although "mobile duress" and "panic buttons" are common industry terms that we also use, we try to explain that SARA facilitates help because that's the desired outcome. And not only does this sort of alerting reduce response times, it also helps to minimize panic among those in need as well as those responding to calls for assistance.



Double-button, premise-based mobile help button

Real-time Help Delivered Two Ways

With smarter networks and devices, plus the SARA software to tie all of them together, it's easier and more cost-effective than ever to implement mobile duress as a first step to situational awareness. Once a pendant is activated, alerts immediately go to the appropriate responders — those on and/or off site — according to preprogrammed alerting protocols and escalation paths. With real-time alerts delivered to the right people, they can take immediate action to find the individual who needs help. Status Solutions offers two options for mobile duress: 1) premise-based mobile duress to protect individuals in a single building or multi-building campus and 2) wide-area mobile duress for coverage both on and off premises.



Wireless bubble over a campus with multiple buildings

Premise-based Mobile Duress via EchoStream

While some RF manufacturers may claim they can provide "triangulation" as with GPS, there's no simple way to determine the exact location of an alarm source indoors. But SARA with SPS (SARA's Positioning System) on the Inovonics EchoStream wireless mesh network can calculate the three closest mathematical matches for an alarm source and display that information to help responders more quickly locate a person in need. SPS with vector mapping also enables asset tracking — from IV pumps to forklifts, valuable equipment can be tracked for operational improvements and loss prevention.

A vector is a mathematical concept that combines direction and strength to determine the position of one point in space relative to another. SARA with SPS automatically creates a vector map that includes every mobile duress device plus other transmitters, called repeaters, to create additional points of interest (POIs) in and around a facility. When a premise-based mobile duress pendant is activated, SARA mathematically compares the vector of the device in alarm to all of the other vectors, providing the three best matches. The more POIs, the more accurate the location data will be.

Knowing what's going on around you and using that information for better risk management is the goal of situational awareness. **Mobile duress is an important component of situational awareness** and often the first step an organization takes to improve information flow for faster, more efficient emergency alerting and response management. If you want to enhance safety and security with mobile duress, we can customize a SARA system to meet your needs.



SARA on Cellular personal help button, pictured in charging station

Wide-area Mobile Duress via Cellular

In addition to premise-based mobile duress, customers have the option of adding wide-area mobile duress to expand the protections they provide to those they care for and/or employ. For example, a senior living provider will most likely want to equip assisted living and skilled nursing residents with premise-based mobile duress pendants, while giving independent residents wide-area mobile duress pendants for greater freedom and independence off campus.

SARA on Cellular provides wide-area mobile duress with GPS tracking in addition to advanced fall detection and hands-free, two-way talk. If an individual falls or activates the mobile duress button for any reason, SARA on Cellular automatically alerts the predefined emergency contacts (e.g., caregiver, family member, etc.) and simultaneously establishes a voice call. Even if the user is incapacitated, alerts are still generated so help can be summoned quickly.

A Valuable Foundation

SARA is an automated alerting engine that integrates stand-alone alarm and communication systems for centralized monitoring, alerting and reporting to enhance life safety, security, environmental monitoring and mass notification. Such unification ensures that critical data is collected, processed, analyzed and delivered to the right people so they can deal with an unfolding situation in the right way. Inefficient, stand-alone alarms are converted into real-time, detailed notifications delivered to key individuals, select groups/response teams or larger populations via the designated communication end points — from smartphones to tablet-based kiosks and virtually any device in between.

Because of our expertise in computer-telephony integration (CTI), we can make your existing networks, devices and other software systems work together, without silos, for more comprehensive situational awareness across a facility or enterprise. If you can **read, hear** and **see** what's happening, then you can **do** something about it. From the mundane blown fuse to a life-and-death scenario, SARA helps prevent operational disruptions and speeds emergency response. Real-time and historical reports then let you **analyze** response times and protocols to identify problem areas. With SARA, any organization can improve communication and information flow to prevent loss of life, property, business and convenience/comfort.



Centralized monitoring, alerting and reporting for situational awareness and response management

Mobile Duress Applications

- **Senior living communities** — mobile duress for residents both on and off campus and asset tracking
- **Hospitals** — mobile duress for clinicians/staff and asset tracking
- **K-12 schools** — mobile duress for teachers, administrators and students with special needs both on and off campus
- **Courthouses and other criminal or civil justice settings** — mobile duress for judges, lawyers, jurors and guards both at work and at home and anywhere in between
- **Hotels/resorts** — mobile duress for room attendants, other lone workers and VIPs
- **Manufacturing facilities** — mobile duress and asset tracking