

SOLUTION BRIEF

REAL-TIME SHARED LOCATION FOR FIRST RESPONDERS AND STAFF

With Aruba Meridian and CriticalArc

With the potential risk of natural and man-made disasters always looming, CXOs, Risk Officers and Security Directors are looking for ways to help reduce response time and quickly notify anyone in danger. Leveraging the mobile devices that most people carry is an efficient way to use crowd sourcing to collect information about an incident for first responders and also to be able to notify users how to exit to safety.

WHY CRITICALARC

CriticalArc is a global technology innovator and the creator of the distributed command and control solution, SafeZone®, which has been adopted by universities, hospitals, and enterprises across the world. SafeZone fundamentally transforms the way organizations manage safety and security operations across multi-site organizations, by providing real-time situational awareness to maximize response and minimize the impacts of an incident.

Through a cloud service and dedicated applications for responders, Security and Emergency Directors and their teams have a real-time view of the location and status of all potential responders and assets at their disposal and the means with which to communicate critical information. This ensures the optimal response to any situation as it occurs.

In addition, having the SafeZone app enables an organization's staff to call for help or actively receive details about events near them. With a mobile app for Apple or Android, users can take advantage of the mobile device that they carry with them. If they see or are involved in an emergency situation, they can use their mobile device to notify applicable authorities.

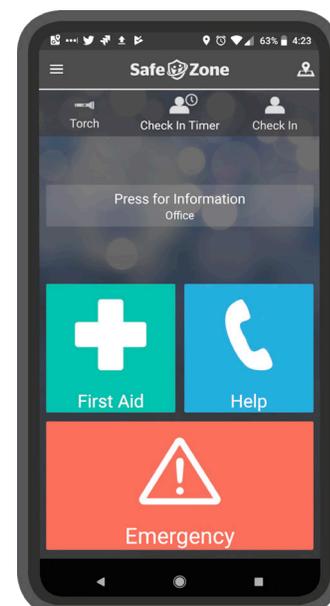
If an employee is currently on a corporate campus that is experiencing an event, based on their current location, the app can pro-actively notify them of the situation and provide them instructions on how to navigate to safety.

In addition, the SafeZone platform is SaaS-based, highly scalable, built on enterprise class infrastructure and can be operational within a month.

KEY FEATURES

- **Meridian mobile map integration** – Visualize indoor location with the SafeZone and OmniGard mobile applications.
- **Accurate indoor location** – Indoor location is represented in the Command Console and communicated simultaneously to all first responders for up-to-the-minute view of the team's location in relation to the incident.
- **Mobile app integration** – Tie into an existing app to initiate the launch and use of the SafeZone app to call for help.

The SafeZone system allows security teams to define the protocols for how they respond. Often clients have different protocols for different situations, for example, in a chemistry lab. Being able to accurately understand where people are, and enact a response based on their precise location, enables security teams to optimize their response in the best possible way.





ARUBA MERIDIAN INTEGRATION

CriticalArc has integrated the Meridian SDK to take advantage of the indoor location provided by a network of BLE (Bluetooth Low Energy) beacons. Providing accurate indoor location gives emergency response teams more accurate location information vs. traditional GPS. The ability to see via the OmniGuard mobile app that an incident is in the West Wing of the 6th floor and not just an incident in the hospital can make all of the difference to empower first responders to quickly respond to and resolve the situation. The BLE network can also provide accurate location in places where GPS does not reach like underground areas of a hospital or underground parking garages.

CRITICALARC AND ARUBA TOGETHER

Having accurate indoor location information enables first responders to navigate directly to the incident and allows them to give location specific instructions to others on site. In addition, the mapping in the mobile app can provide users with turn-by-turn directions to safety to ensure they are evacuating away from the incident. By combining indoor location positioning information with GPS location, users and first responders can elevate the level of response they provide due to the enhanced accuracy to quickly resolve the event.

When the Aruba Meridian technology is combined with the CriticalArc SafeZone solution, security teams leapfrog from a 2D view to a 3D view of their environment. They go from knowing there's an incident in a given building to knowing not just the floor, but also knowing the wing and room where an incident was reported. With large multi-level buildings, understanding and coordinating evacuations, and understanding where people are in real-time enables the team to communicate with them based upon their role and location. This can dramatically offset risk in the case of workplace violence, fire, or an active shooter.

By sharing the information across a team and giving the information in real-time, organizations are empowered to proactively and positively impact the outcome of the incident. Being able to visualize where their response team is located based on role and responsibility and then coordinate response for optimal results is a game-changer in the industry.

For more information regarding Meridian visit:
<http://www.arubanetworks.com/products/location-services/>

For information regarding CriticalArc visit:
<http://www.arubanetworks.com/partners/programs/engage/>



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