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PARTNERING TO PROVIDE AN INTEGRATED EMERGENCY RESPONSE AND NOTIFICATION PLATFORM FOR HIGHER EDUCATION

With Aruba Meridian and Patrocinium ArcAngel

Educational institutions must take measures to protect the wellbeing of people who attend class, work or visit their campus. However, posted evacuation plans and audio/visual alarms do not provide people with targeted, real-time information to keep them safe as incidents occur. In recent cases, alarms have even been used by perpetrators to draw people towards danger.

Additionally, teachers and responders must be able to communicate in real time with different groups and react to the dynamic situation as it unfolds. The ability to address and resolve an emergency on campus as quickly as possible can often be the difference between a well-managed incident and a nightmare for all involved.

Patrocinium, in partnership with Aruba, takes an innovative approach to solving this on campus by leveraging indoor location and mobile applications to inform people of incidents and how they should take action. Using the combined solutions, facilities and stakeholders can communicate and share real-time information with students, visitors, and staff. A unique 4D capability allows stakeholders to see within buildings to visualize incident information and better understand the situation.

WHY PATROCINIUM

There are many crisis management and emergency notification tools available that use text, email, social media, and audio/visual alarms to alert people of danger. Unfortunately, they often fail because they are unable to target those in danger and don't provide security teams with real-time information about the type or size of the incident.

The ArcAngel platform fills this critical gap by providing education institutions with the tools they need to manage their assets and respond to an incident quickly and effectively. Instead of using lists or opt-in workflows to inform people of incidents, Patrocinium uses patented software that seamlessly works across any campus on the ArcAngel platform. Users of the ArcAngel platform can request help at any time and are automatically notified if they are in a geofence of an emergency, without needing to sign up for alerts. Additionally, to protect user privacy, ArcAngel's patented geofencing technology only visualizes individuals' locations when they are near danger or request assistance.

ANDROID APP ON Google play

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SAFE. ANYTIME. ANYWHERE.

PERSONALIZED EMERGENCY NOTIFICATION

This event-triggered process provides an immediate, personalized flow of information to those affected by an on campus incident. ArcAngel empowers students, staff, and visitors by displaying their location in relation to an incident, sending updates, and showing perimeters, and safezones. Users become a sensor for the security team, sending valuable information about their safety status and the emergency.

ARUBA MERIDIAN INTEGRATION

The Meridian SDK adds valuable location-based functionality to the ArcAngel Platform. With Meridian indoor mapping, users can see their precise location inside buildings, the location of fire extinguishers, AED machines, and wayfind to exits during incidents. Additionally, the ArcAngel Platform is a valuable add-on for organizations who have deployed BLE-enabled Aruba Wi-Fi access points and Aruba Beacons.

PATROCINIUM AND ARUBA TOGETHER

The integration of the Aruba infrastructure and Patrocinium provides educational institutions with data needed to enable the 4D view that seamlessly lays on top of existing infrastructure for an inside-look at incidents within any location. All that is required to enable 4D support is to have Meridian and Aruba Beacons (either standalone or embedded within Wi-Fi access points) throughout the campus. Patrocinium then leverages the Meridian maps and indoor location in addition to GPS to provide this new level of visibility. Unlike GPS-only based location services, which cannot differentiate a user between floors in a multi-story building, Aruba's BLE indoor location adds that critical 4th dimension for campus security to ensure student, staff, visitor, and responder safety within their campus.

For more information regarding Meridian visit:

http://www.arubanetworks.com/products/location-services/

For information regarding Patrocinium visit:

http://www.arubanetworks.com/partners/programs/engage/

KEY FEATURES

- **Empower users with situational awareness indoors** – Meridian allows mobile app users to see their location in relation to incidents, as well as fire extinguishers, exits, etc. Wayfinding guides users to stairwells and exits, and designated outdoor muster areas.
- **4D visual awareness** – Using Aruba infrastructure, a 4D picture can be constructed (longitude, latitude, floor number, and time) of any facility. When a threat is identified, facilities and responders can see more details than provided via GPS location only.
- **Location based user status** – When a user declares themselves safe/unsafe via the mobile app, their exact location including what classroom they are in is immediately known.
- **Full SDKs available** – Easily integrate functionality into existing campus mobile apps. No dedicated app required.
- **Targeted communications** – The combined platforms enable multiple layers of communication. Responders can send specific information to key personnel and send other messages to public users inside the geofence.
- **Recording of incident data** – When the emergency is resolved, app users are alerted, the incident is cleared, and all incident data is saved for digital auditing and reporting.

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