Improve Campus Safety with Panic Alarms

Dave Koveck
RF Technologies
October 15, 2015
Education budgets are tight, and schools and universities need a cost-effective, scalable system to alert staff and law enforcement in case of an on-site emergency.

“School administrators and teachers need to provide responding officers with immediate and accurate information so they can respond accordingly to eliminate threats, manage panic and summon additional first responders if needed.”

- Kenneth Boudreau, Commanding Officer, Bureau of Organized Crime and School Safety
## TOP CONCERNS
Top Concerns (besides budgets and availability of resources)

<table>
<thead>
<tr>
<th>Concern</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency preparedness</td>
<td>55%</td>
</tr>
<tr>
<td>Appropriate staffing levels (officer/student/staff/patient ratios)</td>
<td>49%</td>
</tr>
<tr>
<td>Administration apathy and/or naïveté regarding campus safety and security</td>
<td>43%</td>
</tr>
<tr>
<td>Clery Compliance</td>
<td>31%</td>
</tr>
<tr>
<td>Officer pay</td>
<td>30%</td>
</tr>
<tr>
<td>Mass notification/emergency alerts</td>
<td>24%</td>
</tr>
<tr>
<td>Not enough video surveillance equipment or equipment is obsolete</td>
<td>24%</td>
</tr>
<tr>
<td>Drug and alcohol use on campus</td>
<td>20%</td>
</tr>
<tr>
<td>Having enough authority to accomplish my responsibilities</td>
<td>19%</td>
</tr>
<tr>
<td>Officer recruitment and retention</td>
<td>18%</td>
</tr>
<tr>
<td>Officer/staff training</td>
<td>15%</td>
</tr>
<tr>
<td>My pay</td>
<td>15%</td>
</tr>
<tr>
<td>Not enough access control equipment, or equipment is obsolete</td>
<td>13%</td>
</tr>
<tr>
<td>Officer safety</td>
<td>12%</td>
</tr>
<tr>
<td>Officer morale</td>
<td>12%</td>
</tr>
<tr>
<td>Mental health issues of campus constituents</td>
<td>11%</td>
</tr>
<tr>
<td>Not enough communications equipment or equipment is obsolete</td>
<td>10%</td>
</tr>
</tbody>
</table>
The Problem is Significant

Your institution dedicates enough money, resources and personnel to campus safety/security efforts and technology.

- Strongly Agree: 11%
- Agree Somewhat: 35%
- Neither Agree nor Disagree: 7%
- Disagree Somewhat: 27%
- Strongly Disagree: 20%

2013 Campus Safety Yearbook
Our Solution
Our Solution
Our Solution

Midwest College Deploys Low-Cost RTLS for Emergencies

The RF Technologies security system consists of pendants affixed to desks and podiums so that instructors can discreetly send a Wi-Fi-based alert to campus police.
### Triton College

<table>
<thead>
<tr>
<th>Contact</th>
<th>Mike Garrity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Pendants</td>
<td>350 Fixed Pendants</td>
</tr>
<tr>
<td>Number of Buildings</td>
<td>15</td>
</tr>
<tr>
<td>Installation Date</td>
<td>Spring 2015</td>
</tr>
<tr>
<td>Go Live Date</td>
<td>Fall 2015</td>
</tr>
</tbody>
</table>

“The CIO says that during this summer's annual instructor briefing, held before the start of classes, the school's leadership described the technology that had been installed during the summer break. He recalls that the instructors burst into applause.”
Help Alert® Wireless Staff Duress Solution for Educators
Help Alert

- Enables staff to discreetly call for help with the push of a button
- Cost-effective by using existing Wi-Fi network and discreet reference tags
- Securely monitored by computers and mobile devices
- Integrated video system capability
- RTLS (Real-Time Locating System)
How it Works
"The Main Components"

Help Alert Panic Button
Reference Tag
Your Wi-Fi System
PinPoint Server or Software
1. A Help Alert pendant is pushed
2. Location information is collected from the Wi-Fi network and Reference Tags
3. Location information is passed through a server to all security monitoring computers and mobile devices – all within seconds
How it Works

“RTLS Only Using Wi-Fi Access Points and/or reference tags”

Location accuracy and confidence calculation within any RTLS engine is limited by the reference points it can use (AP density).

2-4 feet location accuracy is often reported by our customers.
Software Capabilities

- Software captures alert data and history
- Review and analyze how your system is being used
  - Track response times for continuous improvement
  - Easily prepare reports
- Separate Administrator and Responder screens
Administrator - Software
HELP ALERT®

Wireless Staff Duress Solution

Administrator - Software

[Diagram showing various alerts by day, hour, department, geospace, and day of week with different colors and data points.]
## Participant Alert History By Person

### David Koveck

<table>
<thead>
<tr>
<th>Date</th>
<th>Building</th>
<th>Floorplan</th>
<th>Zone</th>
<th>Response</th>
<th>Cleared By</th>
<th>P</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/06/2015 11:38 AM</td>
<td>3185 Building</td>
<td>3185 Plan</td>
<td>Demonstration Room</td>
<td>00:14</td>
<td>admin</td>
<td>H!</td>
<td></td>
</tr>
<tr>
<td>Reason: Establish Connectivity Test JLK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08/11/2015 09:08 AM</td>
<td>3185 Building</td>
<td>3185 Plan</td>
<td>Demonstration Room</td>
<td>01:09</td>
<td>admin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reason: test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total 2**

### Lorna Schaefer

<table>
<thead>
<tr>
<th>Date</th>
<th>Building</th>
<th>Floorplan</th>
<th>Zone</th>
<th>Response</th>
<th>Cleared By</th>
<th>P</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/06/2015 11:37 AM</td>
<td>3185 Building</td>
<td>3185 Plan</td>
<td>Demonstration Room</td>
<td>00:14</td>
<td>admin</td>
<td>H!</td>
<td></td>
</tr>
<tr>
<td>Reason: Establish Connectivity Test JLK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08/06/2015 12:11 PM</td>
<td>3185 Building</td>
<td>3185 Plan</td>
<td>Demonstration Room</td>
<td>01:18</td>
<td>Ischaefer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reason: test</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Total 2**
Responder - Software

No Active Alerts
Responder - Software

HELP ALERT® Wireless Staff Duress Solution

3185 Building - 3185 Plan

David Koveck
GEOSPACE: PinPoint
ZONE: PinPoint / Sensotec Sales
FLOORPLAN: 3185 Plan
BUILDING: 3185 Building
ELAPSED TIME: 00:00:24

Confirm Location

PinPoint Lab Area

Long Term Care

Quote & Confirm and installation

3185

PinPoint Inventory

Engineering PinPoint

History Room

KITCHEN AREA

Financial

Reg

Ling

3183

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3190
Responder - Software
Responder - Software
Integrated Video Option
Reasons to Consider the Help Alert Solution:

- No wires, cables or conduit required
- Uses existing Wi-Fi network
- Pendants, reference tags and software are all you need for start-up
- Address incidents prior to escalation
- Discreetly call security personnel for assistance
- Immediately identify location of safety incidents
- Reduce response time to employee distress
- Increase the amount of responders
- Complement and enhance video systems
- Improve staff morale, retention and marketability
Time for the Live Demonstration!