



Egbert Rettig, a teacher of Friedrich-von-Canitz school, notes, "In exceptional situations it is important that authorities and persons concerned get informed quickly, especially about the state of [an emergency]. With the newly installed [Ekahau and MI-Motion Guard®] tracking system that is no longer a problem."

SUMMARY

- Friedrich-von-Canitz School, Germany
- Ekahau RTLS and how to organize GmbH's MI-Motion Guard® Safety Solution for schools and public institutions
- Reduced emergency response times through real-time location
- Two-way communication and emergency alerting with Ekahau safety badges
- Technology leveraging school's existing Wi-Fi network without additional infrastructure

School System Uses Location-Based Alerting to Protect Staff and Students

Ekahau Wi-Fi-based real-time location badges with 2-way messaging reduce emergency response times.

Challenge

Tragically, random school violence such as shootings have become commonplace, shaking the confidence of communities, students, teachers and parents everywhere. Many school systems are actively seeking new ways to keep staff and students visible during emergencies and communicate in times of crisis, without resorting to invasive surveillance technologies or restrictive school policies. Schools want to respond faster to emergencies and minimize the loss of life, while deterring violence.

Solution

After a devastating school shooting in Germany, claiming 16 lives, the Friedrich-von-Canitz School implemented the Ekahau safety alert solution using real-time location technology over Wi-Fi. The Ekahau Real-Time Location System's (RTLS) school safety solution works along with MI-Motion Guard® product by how to organize GmbH to ensure that staff and students are visible without the use of manual map look-ups. The solution allows security teams to send and receive emergency alerts indicating the location of a shooter or emergency by leveraging the school's existing Wi-Fi network without additional, dedicated cabling infrastructure. All notifications and location information is displayed on the Ekahau badge LED, worn by security and staff.

Why Choose Ekahau for School Safety Alerting?

The Ekahau RTLS solution goes beyond conventional voice-activated alert systems that lack location visibility or require voice prompts and manual map look-ups. If an emergency occurs, students and staff simply pull down on their Ekahau safety badge which automatically sends an alert to a pre-determined list of security and police professionals in the vicinity. The Ekahau safety alert solution allows emergency responders to accurately pinpoint the location of students and staff via LED screens with scrolling text, on Ekahau badges. Any student or staff member carrying an Ekahau Wi-Fi badge can send and receive text-based messages using their badge or send alerts to pre-determined email addresses.

The Ekahau Vision™ location analytics software also shows security and police the mapped location and name of students and staff, via web browser (i.e. John Smith, Blumberg School, Classroom 8), helping to reduce response times.

Timing is critical in an emergency and shorter response times can mean the difference between life and death. Utilizing a school's existing Wi-Fi network, Ekahau's solution reduces risk and improves emergency communications and management. With Ekahau RTLS, schools are safer for everyone, giving parents, educators and administrators peace of mind knowing that children are secure and visible anywhere on campus.



Ekahau RTLS and Wi-Fi Badges enable two-way alerting with real-time location for reduced emergency response times.

"With all of the recent violence-related school tragedies in the headlines, real-time location alert solutions can offer peace of mind to those individuals who take care of our children," said Mark Norris, President and CEO of Ekahau.

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