INTEGRATED COMMUNICATION SOLUTIONS FOR UNIVERSITY CAMPUSES

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Invariably university campuses consist of many buildings spread across many hectares, with some university buildings miles apart. This often causes problems locating and communicating with support staff, as they move around the campus carrying out their daily tasks. The majority of support staff work alone, which can pose certain health and safety risks - if anything untoward happened, how would anyone know?

Mobile phones are often used as a method of communication, however mobile phones often lose signal, break easily when dropped and are not ideal for using in noisy environments. Digital two-way radios can combine all of the necessary tools (such as GPS tracking, telephone inter-connect, work order ticketing, lone worker and man-down solutions) for support staff working alone around university campuses, whilst complying with health and safety regulations.

Make and receive telephone calls to and from landlines and mobiles

Increase safety protocols with built-in line worker and man-down solutions

Easily locate support staff throughout the campus

Create work order ticketing and be updated on the progress of the task

2-WAY RADIOS FOR USE ON UNIVERSITY CAMPUSES

Eemits Communications were approached by a university to advise them on a solution, which could help them with their problems with communicating and locating support staff, there were also grave concerns with support staff and some students working on their own. The university needed to ensure that their safety wasn't compromised.

The first part of the solution put forward was to provide a radio system that would give 100% coverage of the whole campus, both inside and outside of the many buildings. This was imperative as it was not possible with mobile phones that were in use as a result of the structure and fabric of many of the buildings on the campus. Once Eemits confirmed that full coverage could be provided (whilst being sympathetic to the buildings and architecture), Eemits began to look into providing a solution that would locate staff and provide a comprehensive lone working solution that was both cost effective and would meet the health and safety guidelines for the university.

Eemits then provided the university with a solution which would provide a GPS tracking system, lone worker and man down solutions that were all contained within a digital radio system which enables instant voice communication.

Specific problems the university were encountering included:

- Support staff and students working on their own at any time in a 24 hour period
- Poor signal quality when using mobile phones
- Locating support staff around the campus
- The amount of buildings spread over the campus site

The lone worker solution is automatically activated when the user does not use the radio within a specific time (this can be set from 1-255 minutes). Before the alarm is activated, the radio will notify the user that they are required to report in or the alarm will be activated requesting help for the user.

The man-down alarm is activated when the radio is tilted by 30-60 degrees for between 1-255 seconds (this is set up during the initial set up of the radio) as the radio assumes that the user has fallen over and there is an emergency that requires an immediate response making this an ideal solution for support staff and indeed, students working on their own.

The radios have integrated GPS tracking, allowing for the radio users to be tracked all around the campus. This then can be shown on a live map on a dispatch console enabling users to be located at any point during the day. The live map will also show an alert if the man down or lone worker alarms are activated, allowing help to be sent immediately where it is needed.

INVALUABLE DIGITAL 2-WAY RADIO FEATURES FOR UNIVERSITIES

Locate a radio user straight away when assigning tasks or if the man down alarm is activated

Track where staff are on site and set specific alarms that have to be responded to ensuring that all is well

View the location of users with GPS tracking with software

By using digital 2-way radios you can achieve 100% indoor and outdoor coverage of the entire campus

Be confident that users will be safe working alone and should an accident occur, help will be summoned immediately

Audible panic alarm allows anyone nearby to know someone needs help immediately

To see how Eemits Communications can help to transform educational institution, visit **www.eemits.co.uk/why-trbocall**

eemits communications
Ultra Smart Digital Two Way Radio Solutions

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