Protect Your Campus

The Campus Shield system is a personal duress security system designed specifically with campuses in mind.

Every aspect of the Campus Shield system is geared towards arming campus security forces with the ability to provide an instant, accurate, and reliable response to any emergency.

Instant Activation & Portability

The Campus Shield system is activated with a single press of a small hand-held device issued by campus security called a PAL (Personal Alarm Locator), similar in size to a key fob. When pressed, it sends an alert signal instantly across the network to the central security office of the campus.

Rather than search for a security phone, this allows the PAL user to call for help whenever and wherever they need.

Real-Time Response & Accuracy

No matter where on campus the PAL is activated, the signal is sent to campus security within a fraction of a second.

Using a unique software algorithm to determine location, the system displays a detailed graphical map for security personnel.

Whether inside a dorm room or on a remote walking path, the campus security computer is alerted the moment a PAL is activated.

Built for Superior Performance

Our system components are designed to provide durability against vandalism, weather, and general wear-and-tear.

With receivers capable of being used either indoors or outdoors, the system is capable of covering areas such as parking lots and open areas.

Campus Shield provides total coverage across a campus.

More Than A Location

The Campus Shield system is much more than a locator system.

Completely customizable data fields allow campus security to store critical user data, such as emergency contact or medical information, and associate it with a PAL.

Campus Shield not only tells campus security where you are but who you are.

PAL - PERSONAL ALARM LOCATOR
TRANSMITTER NETWORK
PROPRIETARY SOFTWARE
EMERGENCY RESPONSE

CAMPUS SHIELD IN ACTION

As an urban university, and prior winner of the national Jeanne Clery Campus Safety Award — given to colleges and universities that have done extraordinary things to make students safer — we’ve demonstrated a commitment to keeping our students safe. The Campus Shield system is integral to those security efforts.

Since 1995, every employee and student has been issued one of the system’s PALs the day they arrive on campus. They carry these PALs with them at all times and know this device puts them just a click away from our security personnel. A single press of the PAL allows us to pinpoint their exact location and respond immediately.

It’s like having 5,000 more eyes to keep everyone safe. That’s enhanced the sense of well-being and community for every member of the UB family. The Campus Shield system has been an invaluable investment in keeping our campus safe.

April J. Vournelis
Executive Director of Campus Safety
University of Bridgeport
The Campus Shield system is comprised of nine basic components:

- **PAL** (Personal Alarm Locator): A handheld radio transmitter device, similar in size and shape to a key fob, is issued to each member of a campus community (students, faculty, and staff). When pressed, the PAL sends an alert signal across the Campus Shield system to a HEAD END within the office of central security on campus.

- **DAD** (Device Activated Detector): A small receiver mounted throughout the interior of buildings and wired to the BARD via CAT5. DADs are the most likely device to receive the initial alert signal from a PAL.

- **EDAD** (Exterior DAD): A DAD mounted within a weatherproof box for exterior installations. The EDAD also contains a remote antenna.

- **LARD** (Local Alarm Reporting Device): Mounted mainly in parking lots and to cover vast exterior expanses, the LARD is a weatherproof box containing a DAD, an antenna, and a 450MHz radio. LARDs receive alert signals from PALs, decode them to determine their origins, and relay the information to the base.

- **BARD** (Building Alarm Reporting Device): Each BARD is able to collect the information from up to 64 DADs/EDADs, decode it, and relay it to the RBASE via CAT5. BARDs are mounted within buildings with multiple DADs/EDADs and are critical to determine origin of an alert signal.

- **RBASE** (Remote BASE): There is always one RBASE for every BARD and they are connected via CAT5. The RBASE receives information from the BARD and relays it via 450MHz radio to the BASE.

- **BASE** (Building Alarm Reporting Device): The BASE receives information from BARDs and LARDs via a 450MHz radio and relays it to the HEAD END via CAT5. The BASE will be connected to the CLIENT computer within the HEAD END and one to the SERVER for redundancy.

- **HEAD END**: A computer system consisting of SERVER, CLIENT, and ADMIN computers. The SERVER is the main computer for display of alerts, conducting system tests, and building system files. The CLIENT is a hot standby for the SERVER. It contains a backup of all system files and will take over if a failure at the server is detected. The ADMIN is used to update personal information loaded onto each PAL. It is also used to provide the reporting capabilities of the Campus Shield system.

- **SOFTWARE**: The entire Campus Shield system is governed by our proprietary Windows-based software. The software uses a special algorithm to determine the location of each alert, the holder of the PAL which originated the alert, display the location on a map back at the HEAD END, compile reporting as directed by the end user, and conduct constant system checks. The remote software also allows for integration with other campus security devices such as cameras and lights, as well as for remote upgrades and maintenance by our software technicians.