



Panic Alarms

Why is the simple "button" called so many things?
How to avoid false panic alarms.

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Panic Buttons / Hold-up Alarm / Duress

Why are panic buttons used?

- Activates even if alarm system is disarmed
- Covertly alert authorities
- Hold-up
- Duress



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Activation Devices

Simple "momentary" button...

Why it is used: Cheap. Easy to Install. Compatible. Available.



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Activation Devices

Simple "momentary" button...



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Activation Devices

Simple "momentary" button...

Why it shouldn't be used: Single Action. Non-latching. Daisy-chained.



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Activation Devices

Simple "latching" button...

Why it is used: Cheap. Easy to Install. Compatible. Available.



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Activation Devices

Simple "latching" button...

Why it shouldn't be used: Single Action. Easily Reset. Daisy-chained.



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Activation Devices

Simple "locking" button...

Why it is used: Cheap. Easy to Install. Compatible. Available.



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Activation Devices

Simple "locking" button...

Why it shouldn't be used: Single Action.



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Activation Devices

Dual Action button...

Why it is used: Requires activation from both buttons to alert.



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Activation Devices

Dual Action button...

Why it shouldn't be used: Non-latching.



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Activation Devices

Dual Action latching...

Why it is used: Requires two actions.
Latches in place.



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Activation Devices

Dual Action locking...

Why it is used: Requires two actions.
Locks in place.
Key required to reset.



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Activation Devices

Specialty Panic Buttons:

Why it is used: Covert activation.



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Activation Devices

Specialty Panic Buttons:

Problems: False alarms due to users not understanding the device.



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Activation Devices

Common panic button locations:

- Underneath desk
- Under counter
- Walk-in coolers & freezers
- Behind doors
- Areas of rescue
- Worn on body
- Inside safes & jewelry counters



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Activation Devices

Most panic buttons can be connected to a wireless transmitter.

Special attention should be made to the location of the transmitter.

Knocking the cover off a transmitter is not a panic alarm.



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Common Problems

Users may not understand operation

May not know they activated it until first responders show up

Children might find devices (such as personal panics & med alerts)

Users may try to use it instead of 911

Environment may be too harsh for contacts

May have more than one device on a "loop"



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Common Solutions

Users may not understand operation
Users may try to use it instead of 911

Training

Environment may be too harsh for contacts
Protect devices (physical damage, condensation)
Routine maintenance & testing

May have more than one device on a "loop"
Use multiplex devices or one panic per loop



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Wireless Panics

Easy to install
Can be moved if needed

Requires testing & pro-active battery changes
Many are not supervised

Can be hard to pinpoint where activated



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THE INDOOR LOCATION PROBLEM



PROBLEM

WHEN SOMEONE PASSES A MOBILE PANIC BUTTON INDOORS, THERE IS NO EASY WAY TO IDENTIFY THEIR LOCATION. IF NOT SOLVED, EMERGENCY RESPONDERS TAKE EXTRA TIME TO FIND AND REACH PEOPLE DURING A CRISIS, PUTTING LIVES AT RISK.

SOLUTION DESCRIPTION

DELIVERS PRECISE FLOOR AND ROOM LOCATION WHEN SOMEONE ACTIVATES A MOBILE PANIC BUTTON. USERS CAN SEND PUSH NOTIFICATIONS VIA AN APPLICATION PROGRAMMING INTERFACE (API) TO CENTRAL STATION, ACCESS CONTROL, OR ANY OTHER IP-BASED SOFTWARE PLATFORM.

KEY FEATURES

- **KNOW WHERE TO GO** - DELIVERS PRECISE FLOOR AND ROOM LEVEL LOCATION IN AN EMERGENCY SO RESPONDERS KNOW WHERE TO GO
- **INSTALLATION** - INSTALLED BY TRAINED/CERTIFIED SECURITY TECHNICIANS. CAN BE INTEGRATED WITH YOUR EXISTING SECURITY SYSTEM/S
- **UL LISTED FOR LIFE SAFETY** - FULLY SUPERVISED FOR SYSTEM OPERATIONAL AWARENESS AND MEETS ALL CRITERIA FOR LIFE SAFETY APPLICATIONS.

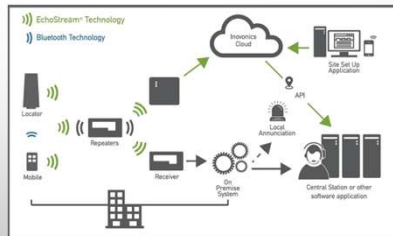
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DURESS/CENTRAL STATION INTEGRATION

Security systems can easily associate a fixed pendant with a specific location but determining indoor location when someone activates a pendant on their person while mobile has been significantly more difficult and cost prohibitive to deploy.

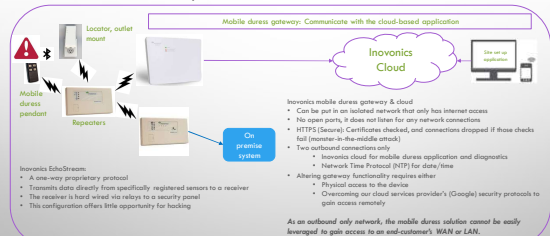
Responders may know an emergency occurred but not know where.

Inovonics mobile duress solves problem.



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DURESS/ON PREMISE INTEGRATION



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911 vs. Panic Button

Recent panic signal, April 19th, 7:57am, medical office:
 Operator on hold with PD dispatch from 7:57am – 8:22am
 Actual alarm – suspect burst through front glass doors
 After 20+min hold, PD reported they were on scene
 * User called 911 after pressing panic button



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911 vs. Panic Button

Recent panic signal, February 8th, 2:01pm, fast food restaurant
 Operator dispatched at 2:01pm
 Actual alarm – indecent exposure to a child in restroom
 Operator follow-up, PD arrived at 2:50pm
 * User did not call 911
 PD unable to apprehend as suspect fled



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How to reduce false alarms

Installing company needs to use the proper equipment
 Only one device per reporting zone
 Avoid areas that can cause damage

Installing company needs to properly train users
 When to use panic vs. when to call 911

System needs to be tested and maintained



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Training



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How to reduce false alarms

Duress codes are seldom actual alarms

One-plus duress codes are a bad idea

Suggestions from FARA members...



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Thank you!

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