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Emergency Lockdown Panic Alarm System (ELPAS)

Critical Response in Extreme Threat



Emergency Lockdown Panic Alarm System (ELPAS)

Ideally, all system events happen simultaneously, but they can also cycle in a predetermined order.



Emergency Lockdown Panic Alarm System (ELPAS)



Emergency Lockdown isn't an entirely new concept. However, recent trends in global security such as the escalating incidents of shootings and kidnap in public buildings - schools, churches, hotels, etc. - necessitated a reinvention of the traditional system into a modern, smart instant detection and response system. Emergency Lockdown Panic Alarm System (ELPAS) is designed to act on your behalf and in the best interest of you and your visitors' safety at the most critical moments.

The system is designed with simple manual triggers and a complex 'brain' and should be operated only in high emergency.

When in an elevated emergency (such as can result in death, serious injury, or heavy damage to property) an authorized person triggers the system using simple triggers - Panic Push Buttons or a pre-authorized Smartphone. This sends a high panic signal to the Control Panel (brain).



Emergency Lockdown Panic Alarm System (ELPAS)

How it works

When ELPAS' control panel receives the trigger, it instantaneously and simultaneously initiates a series of coordinated events:

①



Local alarm sounders (siren / strobe light) are activated;

②



All lifts / escalators, bollards and major doors are automatically locked down.

③



A pre-recorded emergency ('active shooter') message with instruction is played repeatedly over the public address system.

④



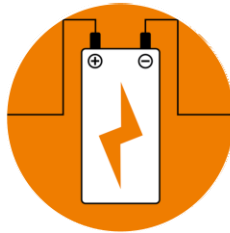
All pre-programmed emergency response units (local and external) are notified via SMS, pre-recorded voice calls, emails, etc.;

Emergency Lockdown Panic Alarm System (ELPAS)

Lockdown, once initiated, is non reversible, except with appropriate token input by an authorized person.

How it works

⑤



Optionally, the power system can also shut off (immediately or after a set delay) if this is pre-evaluated as necessary.

⑥



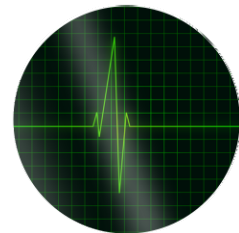
Notify hotel guests of threat via SMS to the phone number they checked in with.

⑦



The system may also serve live videos of your premises to external emergency personnel over the web, if you already have a functional IP surveillance system in place.

⑧



ELPAS enters into a persistent notification mode. Elevated versions of previous notifications are sent continuously to emergency services until disabled



Emergency Lockdown Panic Alarm System (ELPAS)

Ideally, all system events happen simultaneously, but they can also occur in a predetermined order if this is deemed the best arrangement for your situation. ELPAS is Flexible!

Three Lockdown modes are available based on severity of the threat.



Yellow Mode

Doors/Lifts are locked but still permit access cards or other credentials; egress allowed.



Orange Mode

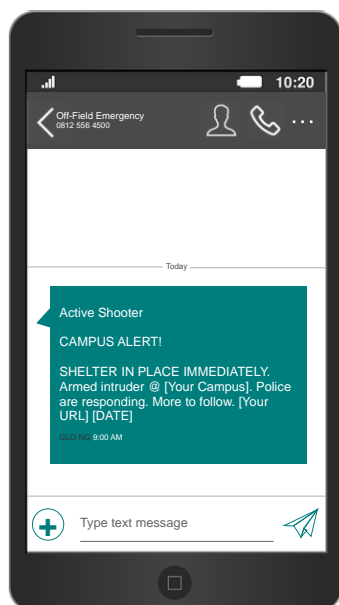
All Doors are locked; access denied to authorized cards or other credentials; egress still allowed.



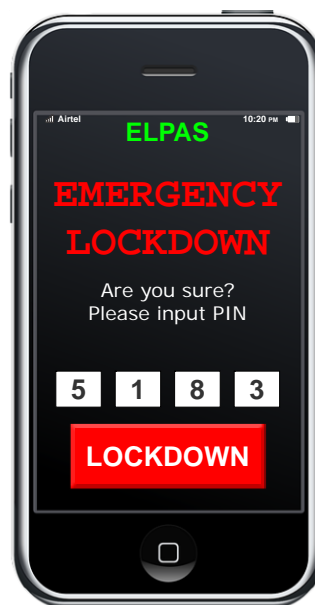
Red Mode

All Doors are locked; access denied to authorized cards or other credentials; egress denied, except via doors with crash bars or other mechanical exit devices.

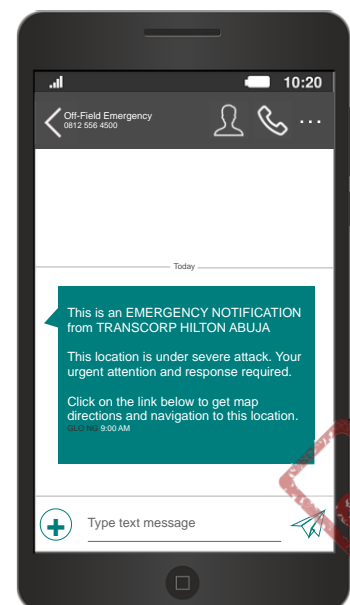
Interface Samples



Sample SMS to occupants



ELPAS Mobile Interface



Sample Emergency Notification

Emergency Lockdown Panic Alarm System (ELPAS)

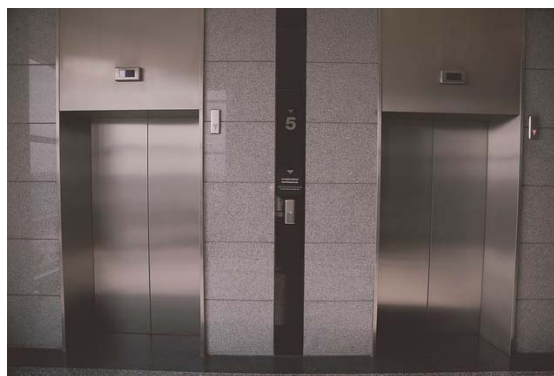
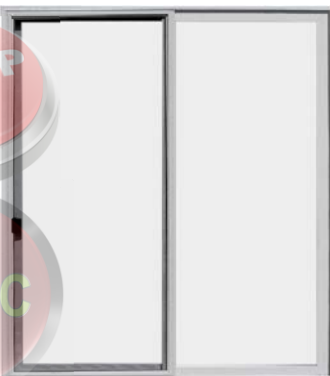


ELPAS - Intelligent, flexible.

ELPAS is very secure and scalable, allowing you to test it out over a small area and scale up afterwards. It delivers world-class security and integrates seamlessly into your existing security infrastructure and BMS.

If the locks in your large facility - e.g your guestroom door locks, or classrooms - are networked, then the lockdown may be extended to include all hotel guestrooms, restaurants, etc.

Because the ELPAS is so intelligent and modular, you can easily extend its functionality to other emergency scenario such as fire and gas with entirely different or similar actions.





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