

Wildfire Warning System

The threat that comes unexpectedly – typical risks of wildfires

Wildfires are among the most destructive natural disasters that can threaten vast areas within minutes. Their spread is extremely fast – up to 20 km/h, with direction and intensity influenced by factors such as wind, dryness, and terrain ruggedness.

The main risks include:

- **Rapid fire spread** – The fire can affect vast areas within minutes.
- **Unstable weather conditions** – Strong winds can suddenly change the direction of the fire spread.
- **Threat to human dwellings** – Many areas near forests are at risk.
- **Insufficient warning** – Without a reliable warning system, residents can be exposed to danger.

Given the unpredictability and destructive power of wildfires, it is crucial to have a reliable warning and evacuation system that enables quick response and minimizes damage.



Reliable warning and evacuation with fixed and mobile Pavian sirens

Wildfires require a quick response and an effective warning system that can promptly alert residents to impending danger and help organize evacuation.

The Wildfire Warning System combines permanently installed Pavian sirens with the mobile Pavian Car siren to ensure coverage of threatened areas. Permanently installed sirens provide long-term warning in cities and towns, while the mobile Pavian Car siren allows rapid response in remote or newly emerged risk zones.

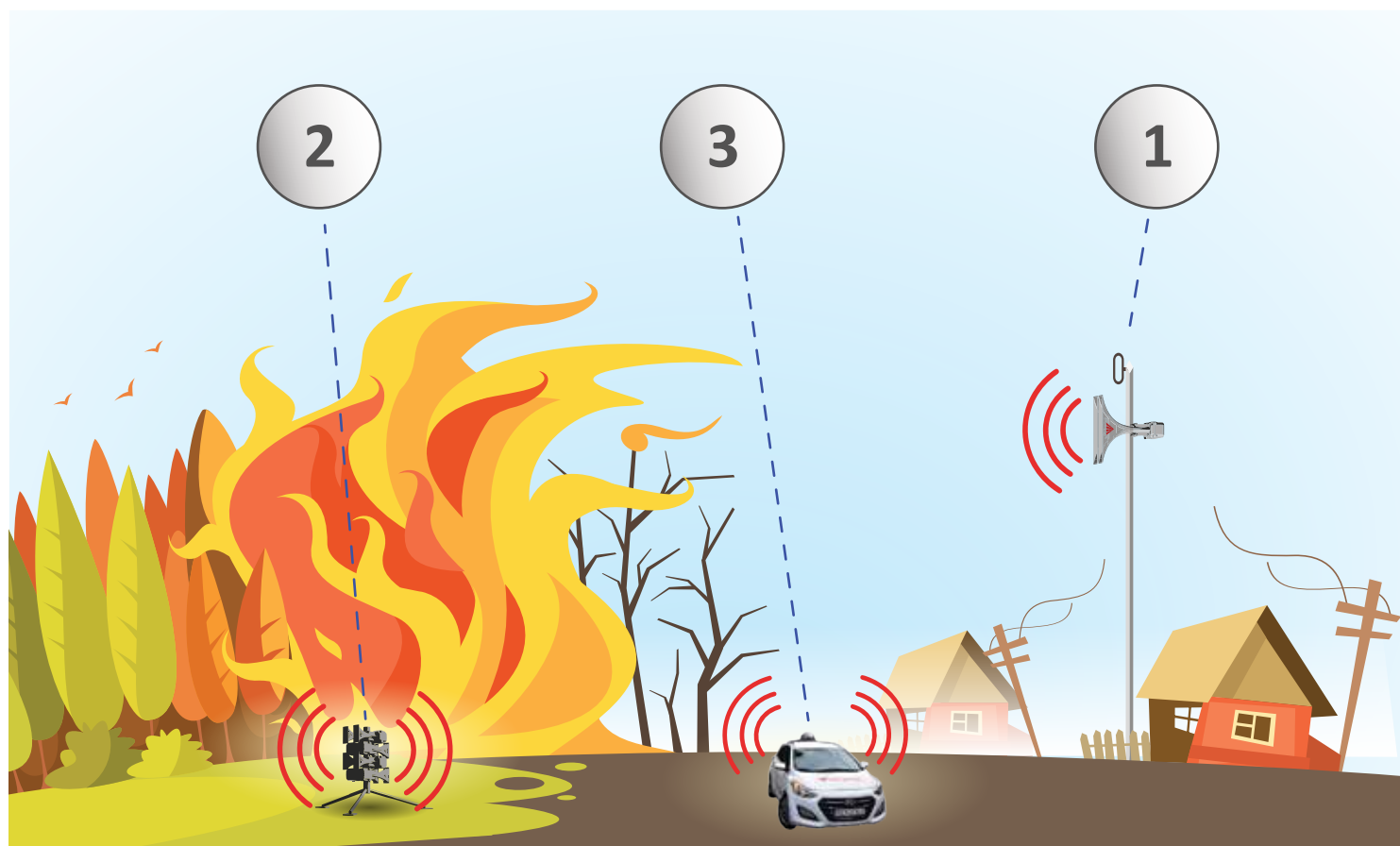


Why combine Pavian, Pavian Portable and Pavian Car sirens?

- **Maximum area coverage** – Permanently installed Pavian sirens ensure reliable warning in populated areas, while mobile Pavian Car sirens extend coverage to remote or newly threatened zones and Pavian Portable complements the system in locations without permanent infrastructure or serves as a temporary solution during events.
- **Flexibility and rapid deployment** – Pavian Car enables immediate response and relocation as needed, while Pavian Portable can be quickly transported and installed even in challenging terrain or mounted on a vehicle.
- **Immediate warning without delay** – Sirens activate within seconds, reducing the risk of panic and ensuring quick information to residents.
- **Effective and organized evacuation** – Sound signals and announcements help guide people to safe escape routes and coordinate movement in threatened areas.
- **Powerful and understandable warning** – The strong acoustic performance of Pavian, Pavian Portable and Pavian Car sirens ensures that warning messages are audible even at great distances and in challenging conditions.
- **Reliable operation even in extreme situations** – Permanently installed sirens operate continuously, while mobile sirens ensure warning even during power outages or infrastructure damage.



Comprehensive warning system for effective protection and evacuation of residents



1 Permanently installed siren

An electronic siren with high acoustic performance, permanently installed in cities, towns, and strategic locations. Its advantage is automatic activation in crisis situations and remote control capability.

2 Portable Pavian Portable siren

– A high-performance portable siren with long battery life, providing flexibility within the existing infrastructure. It allows deployment in remote areas where fixed infrastructure is not available and can be easily relocated as needed. Pavian Portable can be quickly installed on a vehicle bed, providing mobility for various situations.

3 Mobile Pavian Car siren

A powerful electronic siren designed for rapid and flexible deployment in areas where fixed infrastructure is not available. It is specifically designed for evacuation and warning near the fire. With its powerful sound reach and the ability to play live-voice and pre-recorded messages, it provides effective warning to residents. Pavian Car can operate at speeds up to 90 km/h, ensuring warning even during movement. Thanks to independent power supply and remote control, it operates reliably even in situations where fixed infrastructure is disrupted.

05.2025

Telegrafia a.s.

Lomená 7
Košice, 04001
Slovakia

 www.telegrafia.eu
 sales@telegrafia.sk

