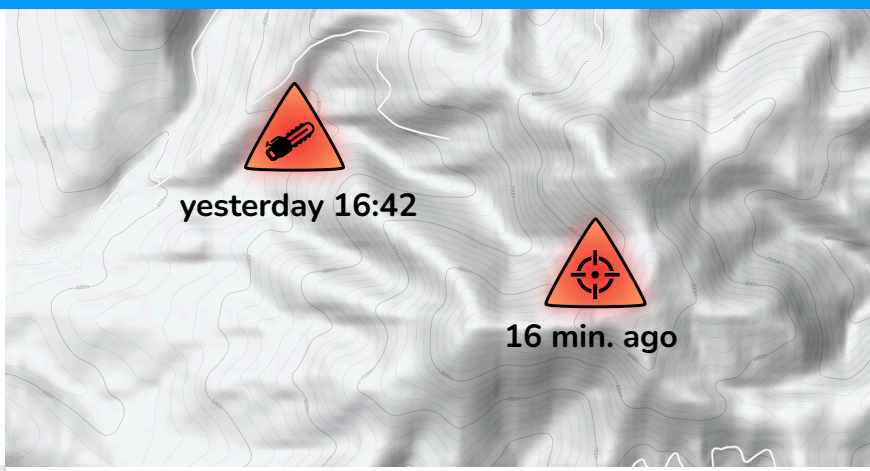
STARTUP PROJECT

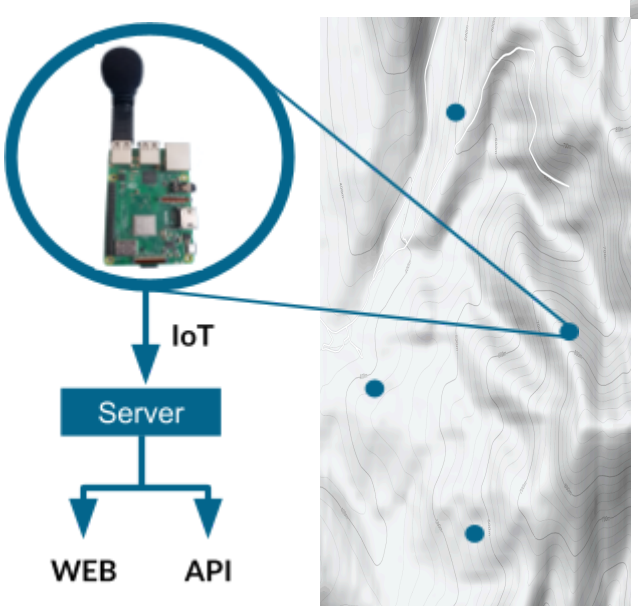
Stromonitor

Sound-based monitoring of remote areas

Our goal

The goal is to create a system for monitoring remote areas (e.g., protected areas) based on the recognition of suspicious sounds (e.g., chainsaws, gunshots). The system should detect and report suspicious sounds, including the time and location of their occurrence.





Technology

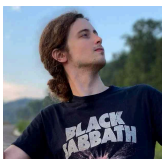
The modular system consists of multiple devices that can cover a large area. Each device sends events to a server. These events can be displayed on the web or accessed through an application interface.

Why choose Stromonitor?

- Customizable for specific sounds
- Compared to a camera system:
  - covers a larger area
  - not affected by light conditions
  - lower data rate
- Compatible with other monitoring technologies

Our team

Jakub Bajzík - Audio engineer specializing in machine learning and audio processing.



Max Karel - Software engineer interested in IoT and distributed systems.

Adam Riečický - Software engineer engaged in graphic design and hardware development.