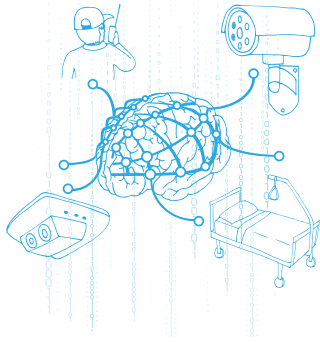


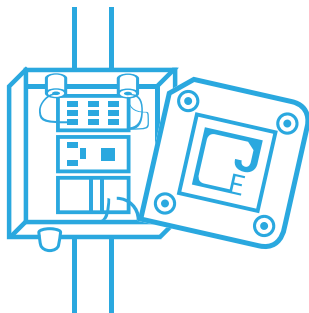
Software integration

Our team of developers can make SED integrate to most existing technological frameworks



Hardware

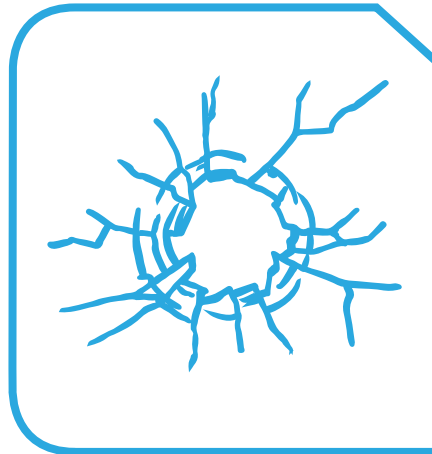
- Indoor and **outdoor** ready
- Hardware is in IP-67 certified casing
- Range of 40–250+ meters depending on the type of event and its direction from the source
- Localization capabilities of the exact location of the event
- Works on GSM network and requires minimum data to operate



We have been using JALUD's glass breaking detection solution for the past three years and we couldn't be happier with it. We integrated their software into our devices and this process has been smooth and easy. Therefore, we can not recommend them enough.

Keep up the good work!

~ Jablotron



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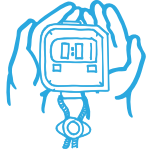


Who are we?

We are a tech innovation company based in Prague, Czech Republic. Our main focus is creating standalone solutions for the security and public safety markets.

What do we offer?

SED (Sound Event Detector) utilizes a proprietary algorithm powered by Machine Learning to detect, classify and alert us of unwanted acoustic events like glass-breaking, gun shot, car crash or screams.

7 min.  **>** **5** sec.

Our solution helps save the average response time of rescue services from 7 minutes to less than 5 seconds. Helps to save more lives.

Every second matters!

Key benefits

Privacy

No sounds are recorded, therefore avoids ethical concerns.

Cost Effective

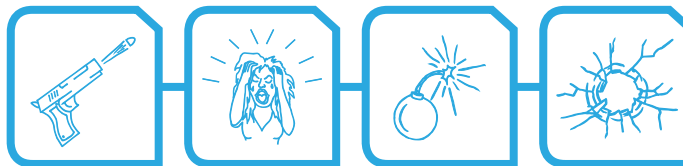
Increases security teams' efficiency, saving you money.

Product offering

Create new revenue possibilities with our products.

We detect...

Currently, we offer four key events in our detection system: gunshots, screams, bomb blast and glass break. Nevertheless, possibilities are endless, and we can adapt to your requirements as needed.



How do we do it

Step 0: Adaptation

SED learns the common background sound in the environment

Step 1: Detection

SED detects undesirable impulsive sound event.

Step 2: Extraction

SED analyses incoming sound signals and extracts sound features used further by classifier.

Step 3: Classification

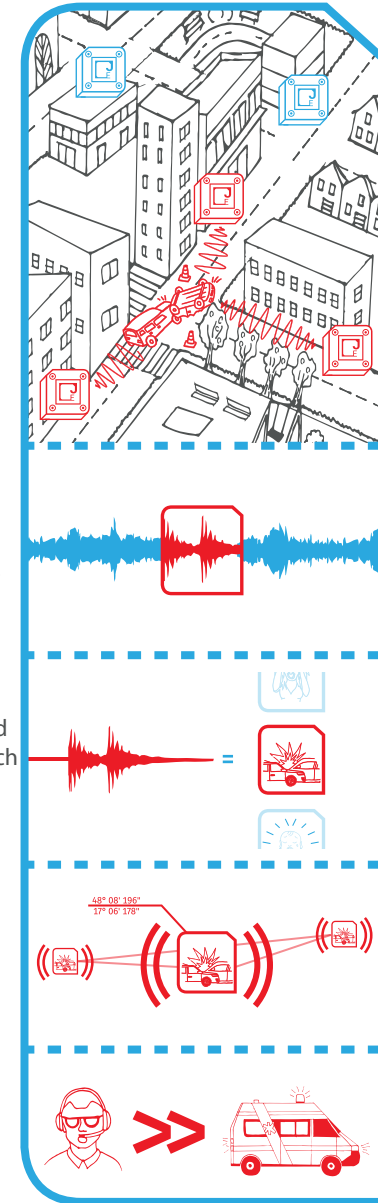
SED classifies the events and recognize, if the sound match with undesired categories.

Step 4: Result

If the event is classified as undesired, SED triggers an alarm.

Step 5: Announcement

System SED announces the event and assistance can be on the way.



Immediate reaction saves lives.