



# Sensilo – Smart Noise Sensor for Smart Cities

The New Alert Layer in the Urban Space



# The Challenge: Traditional Systems Miss the Audio Dimension



## Gunfire, Vandalism, and Glass Breaking

Are not identified in real time



## Increasing Noise Pollution

In public spaces, residential neighborhoods, traffic routes, parks, and entertainment areas



## Construction Sites

Enforcement of start and end times across city construction zones

## Camera Limitations

Fog, darkness, and hidden areas



# The Solution: Sensilo Acoustic Sensor



## Accurate Threat Detection

Detects gunshots, glass breaking, and decibel levels in real time

## Artificial Intelligence

Operates independently of cloud connection; provides immediate field results

## Privacy First

No audio recordings – only event detection; complies with strict privacy standards

## Weather Resistant

Compact and durable in extreme weather for deployment in remote locations

# How It Works



## Edge AI Processing

Analyzes sound patterns and identifies threats using advanced models



## Acoustic Sensor

Captures 360° acoustic signals in the environment



## Management Platform

Live map with sensor locations, decibel levels, and system status



## Real-Time Alerting

Sends immediate alert with threat classification and severity

 Alerts via API, SMS, or Dashboard. System also measures noise levels and provides abnormal noise alerts

# Management Platform: Control Hundreds of Sensors from One Dashboard

## Alerts and Status Updates

Immediate notifications and updates (battery, connectivity), with advanced filtering

## Real-Time Monitoring

View all sensors on an interactive map with live status data

## Multi-Zone Management

Control multiple deployment zones from one interface with tiered team permissions



# Proposed POC for Municipality

## Objective

Reduce noise pollution and improve safety in neighborhoods and public entertainment areas

## Scope

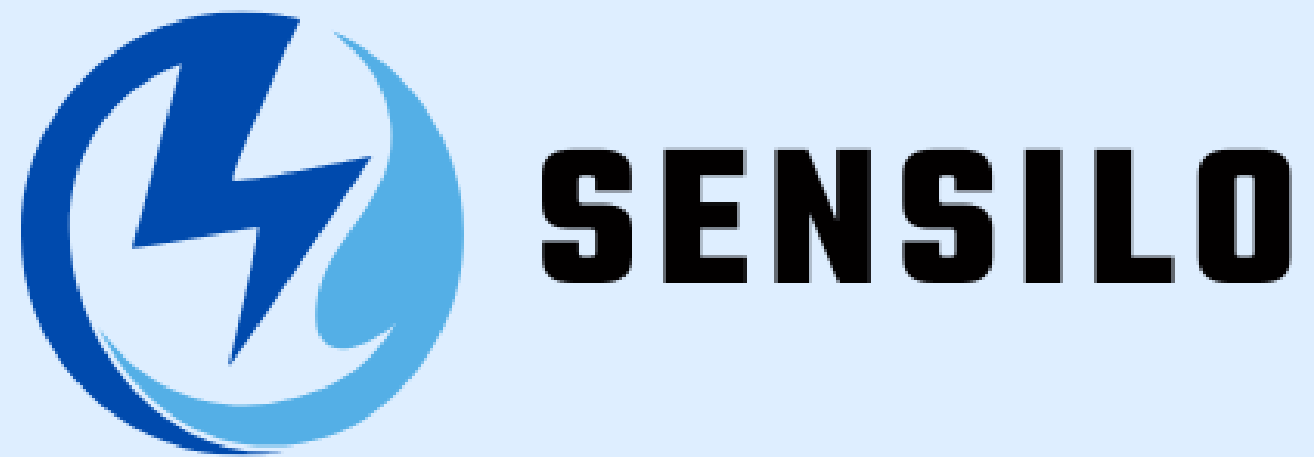
- Installation of a sensor network in noisy locations (parks, culture zones, stadiums)
- Integration with municipal control systems for gunshot/glass break alerts and noise measurement
- Use Sensilo's management system or integrate with existing municipal systems

## Outcome

Real-time alerts, enforcement, and improved urban living quality

Statistical data for planning enforcement and enhancing quality of life





# Contact Us

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