

# Illegal Dumping

Covert Enforcement Solutions



# Background

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Illegal dumping has become an increasingly large problem throughout the world.

Most illegal dumping is done in remote isolated locations, which makes law enforcement complex and the likelihood of being caught low.

Law enforcement is difficult, especially in  
Offenders often dump late at night to avoid the cost and inconvenience of proper waste disposal.



# Illegal Dumping Impacts

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## 1. Cost And Effort

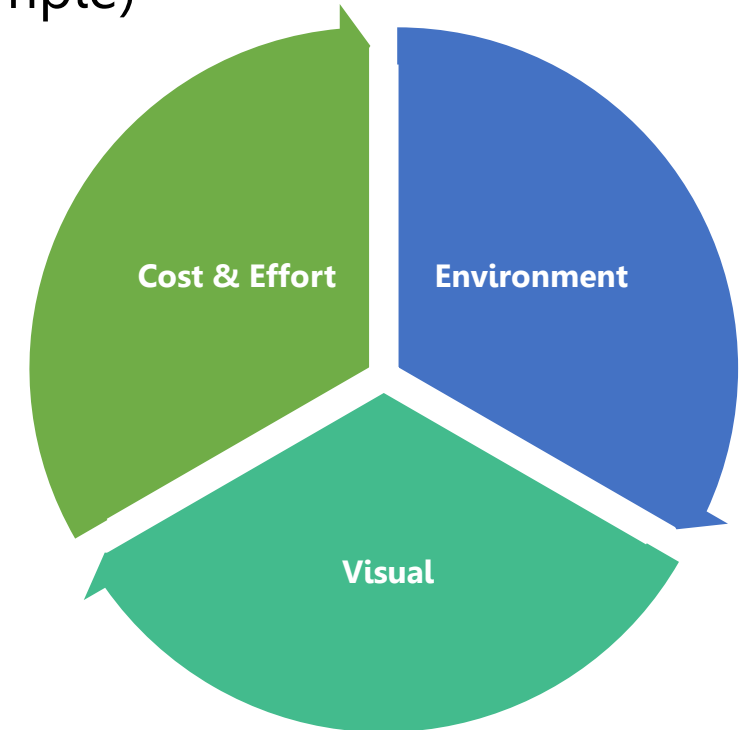
- Removing illegally dumped waste
- Surveillance and law enforcement costs
- Subtracted revenue from waste contractors which should have paid if disposed legally (asbestos waste for example)

## 2. Visual Impact

- Reduce Real-estate prices
- Damage to municipality/government reputation
- Reduce tourism

## 3. Environmental Impact

- Water pollution
- Hazardous materials
- Harm to wildlife



# Law Enforcement Challenges

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- 1 Limited budget per illegal dumping site for law enforcement and surveillance
- 2 Limited manpower to watch over those sites/analyze cameras video
- 3 Illegal dumping sites locations may change over time
- 4 Usually remote isolated area without power supply

# The Offered Solution- Covert Surveillance

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Covert surveillance system based on wireless seismic sensors which installed (buried) on the illegal dumping area.

## What's in the Kit:

**Wireless Seismic Sensor**



**Wireless Receiver**



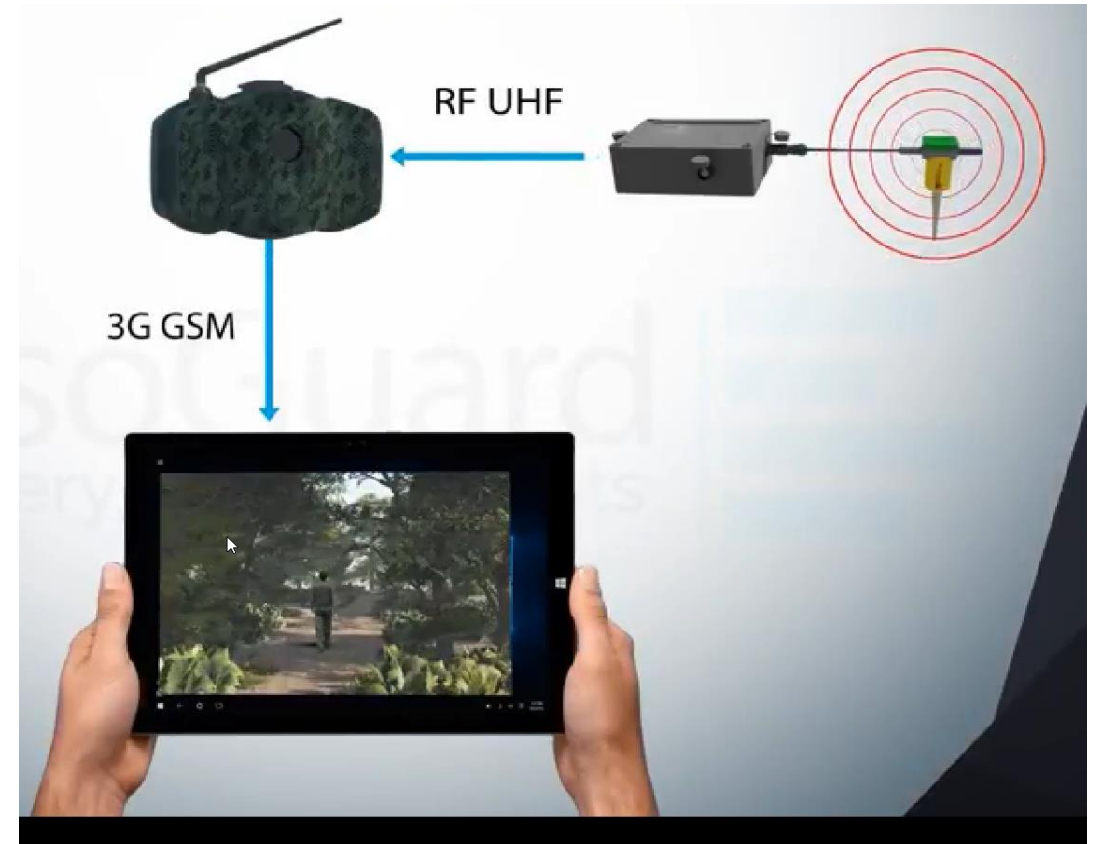
**GSM HD camera**



*Watch Video*

# How It works

- 1 Buried seismic sensors are installed on the illegal dumping site
- 2 The sensors constantly monitors the area
- 3 Upon alarm detection- a remote hidden wireless camera is being triggered by the seismic sensors
- 4 Camera take a snapshot/video clip and send it immediately to cloud server / smartphone



# System Advantages

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Invisible System



Fog Resistant



Ultra Low Power



Maintenance free



Wind Resistant



-40°C - +85°C

- Reduce manpower required to monitor many sites simultaneously
- Reliable 24/7/365: Immune to environmental conditions
- Maintenance free + battery operated for months
- Simple and fast Installation, re-deployable
- Invisible system (covert surveillance )
- Cost effective

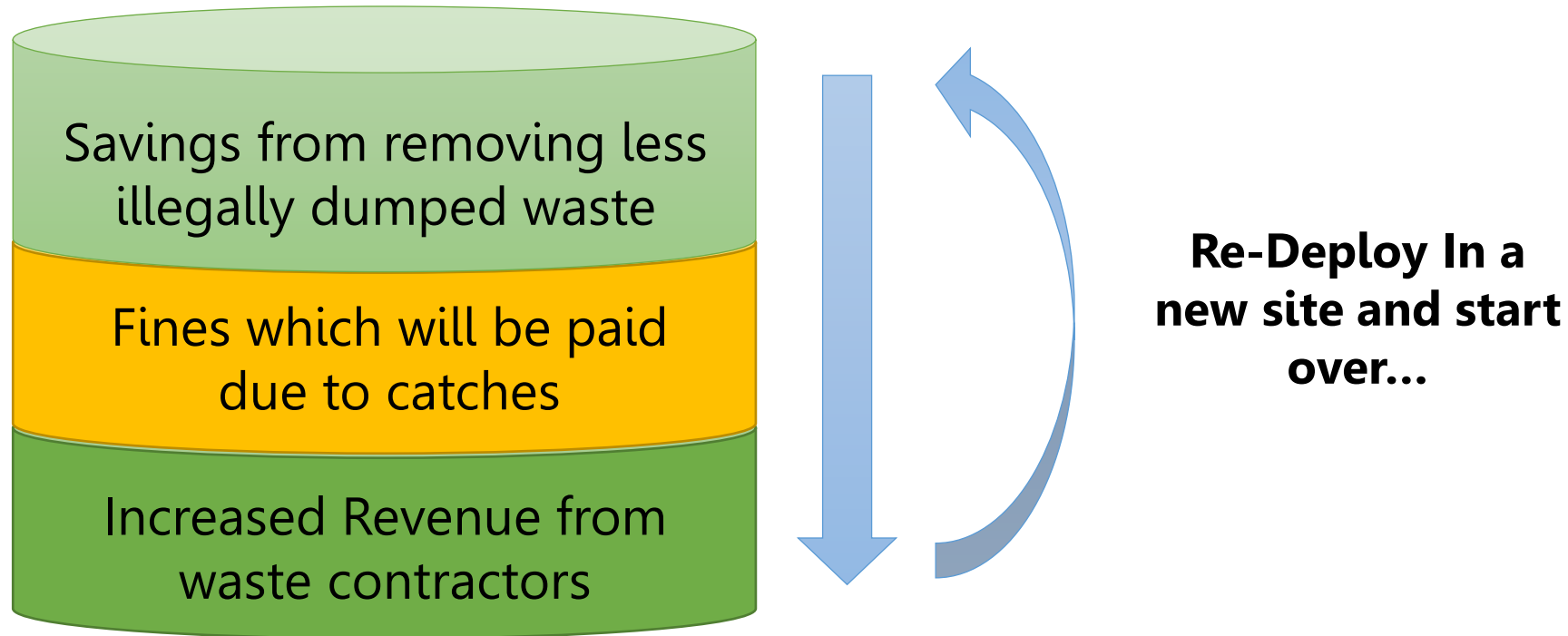




# ROI – Return On Investment

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**How Do I return The Investment Of the System ?**





# Images From Real Systems

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# Images From Real Systems

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# Images From Real Systems





# Images From Real Systems





# Thank You

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