



SORANET™

**24/7 Surveillance,
*automated***



PROBLEM



Retail and logistics companies in Europe experience over **£10bn in losses** from theft and inventory shrinkage.



CCTV blindspots are enabling thieves to steal assets from sites and escape with little or no consequences.



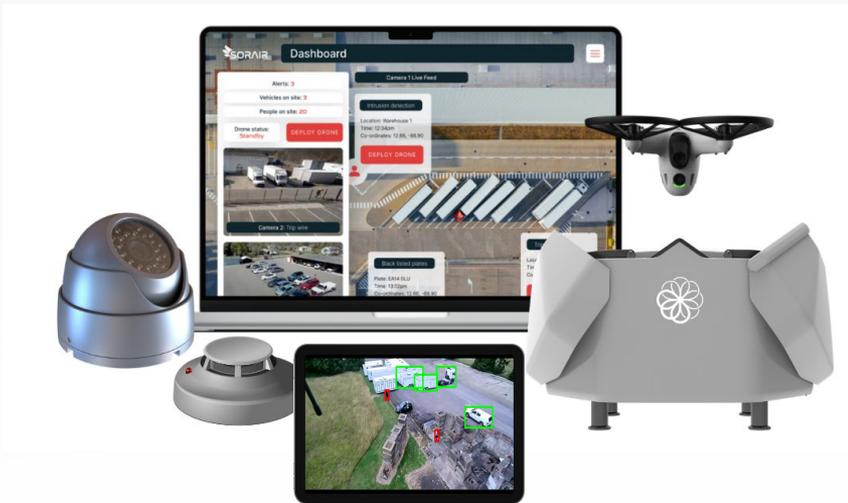
The cost of physical security is high and there's a demand for automation technology to streamline costs.

"Truck cargo thefts cost the industry almost £500 million a year"

- Logistics UK 2023

SORANET™ – Autonomous Surveillance system

Soranet™, enables industrial companies to **reduce labour costs** and **enhance security and surveillance processes** through the use of an **autonomous surveillance system** that **integrates with existing security infrastructure, aerial drones and AI** to **track real-time activity of individuals and assets** across large sites.



Main features and benefits



24/7, 360 surveillance security



Automate end-to-end security processes



Manage multiple security hardware from one platform



Real-time tracking of all individuals and assets on site

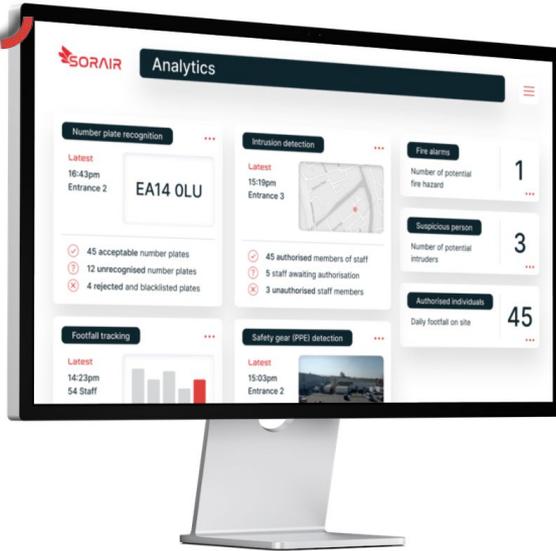


Autonomous vehicle agnostic reducing physical security costs



Adaptable AI detection software for various use cases

SORANET™ – AI LookOut Engine



Context-Aware Alerts

Receive intelligent notifications that consider the context of potential threats, reducing false alarms and improving reliability.



Modular AI detection algorithms

Customise the number and types of events you want our AI algorithms to track. Make your security system smarter.



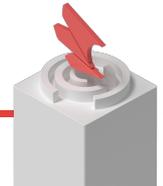
Reduce health and safety risk

Keep your team safe by being able to instantly locate, identify and communicate with intruders – no need for physical deterrents.

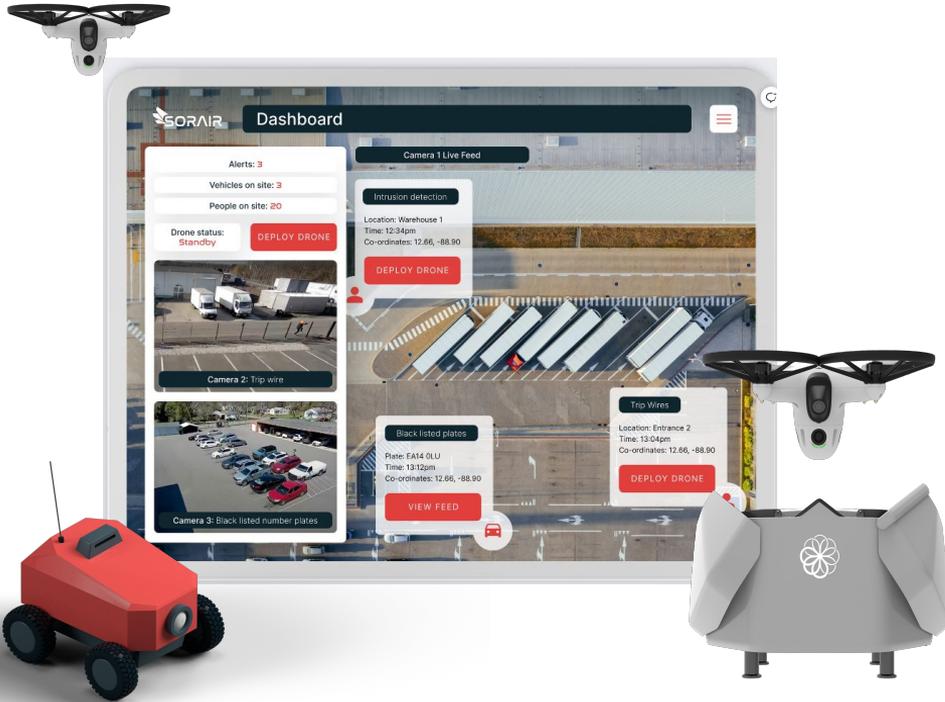


Increase surveillance coverage

Utilise AI technology to gain more insights and data from your video footage. Have real-time alerts provided to your team.



SORANET™ – AV Engine



Control Multiple Autonomous Vehicles

Cameras and drones work together as a hive, rather than independently, for optimal surveillance outcomes.



Remote Command Centre

Remote security teams can track and respond to on-site activity from anywhere around the world.



Automatic Autonomous Vehicle deployment

Receive intelligent notifications that consider the context of potential threats, triggering autonomous vehicles to deploy to that specific area of interest.

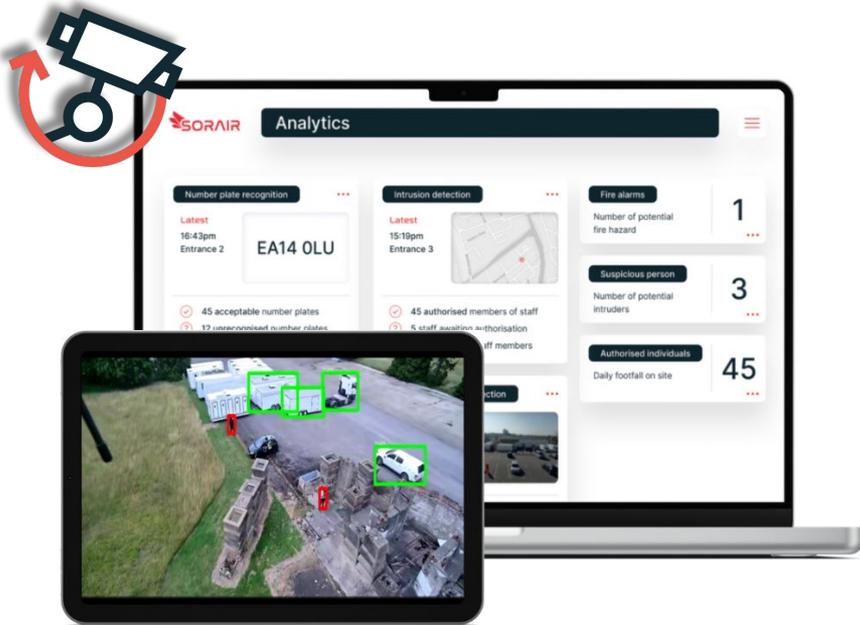


Secure Communication

Protect the integrity and confidentiality of your data with robust, built-in cybersecurity measures.



SORANET™ – AI Foresight Engine



Continuous Learning

Continually improving threat classification capabilities from user feedback, historical data and ongoing real-world incidents.



Customisable Threat Profiles

Tailored threat detection criteria: sensitivity levels, exclusion zones, and response actions.



Predictive Security Operations

Based on historical data the Soranet will alter flight routes, patrol frequencies for preemptive measures.



Make it yours

Whether you need to secure a specific asset or your whole premises, we tailor each security solution to your specific needs.

SECURITY FOR ALL

Industrial/Commercial security

We work with industrial companies of all sizes to protect their site and assets, reducing risk and increasing efficiency across a range of supply chain sectors.



CONSTRUCTION SITES



WAREHOUSES



FACTORIES



PORTS



SORANET™ - Industrial security



Intrusion detection -

Get real-time alerts for any intrusion along with footage of the incident allowing rapid verification of the source and deploy drones for surveillance automatically.

Automatic number plate recognition -

Identify vehicles' number plates automatically to improve security and manage real-time traffic.

Safety gear detection -

Identify the individuals that are not wearing health and safety compliant gear near heavy machinery.

Fire Safety -

Get real-time alerts on the detection of smoke and fire to avoid any life loss or post event losses. Once alarms have been triggered an autonomous vehicle will deploy for reconnaissance.

SECURITY FOR ALL

Real estate security

Soranet is optimised to reduce risk and increase the safety of civilians and assets across a range of public and privately owned residential land with robust, autonomous, round-the-clock surveillance and security.



RESIDENTIAL
COMPOUND



FARMLAND



OFFICE
BUILDING



REAL ESTATE
DEVELOPMENT



5x

Faster patrolling of large compounds/land

£30K

Minimum cost savings of substituting physical staff

£3K

Savings per night from reduced false alarms

SORANET™ – Estate security



Perimeter security -

Keep a check on the perimeter security through cameras and autonomous vehicle technology & get alerts for any foreign movement or other abnormal activity near the property.

Person of interest tracking -

Utilise drones and cameras to identify and track a person of interest in real-time. This can be replicated in various sectors.

Overcrowding detection -

Spot any abnormal event and suspicious behavior of the crowd using existing CCTV cameras.

Facial recognition -

Identify criminals flagged in the existing database at any location using Facial Recognition and make criminal search significantly effortless.

Competition

	Presenting real-world activity on GEOSpatial map for faster analysis of site activity	AI algorithms that adapt and learn to specific operations	Manage/operate autonomous drones/vehicles	Embedded AI algorithms for threat plus risk detection
	✓	✓	✓	✓
	✗	✗	✗	✓
	✗	✗	✗	✓
 SOLUTIONS DE SÉCURITÉ UNIFIÉE	✗	✗	✗	✗

Traditional VMS interfaces

Gridded screen of various video feeds, confusing interface.

Any AI-enabled detections are listed in order of the time of activation.

Requires high concentration from humans to detect threats and analyze live video feeds



Requires in-depth training and experience to use effectively.

Hard to filter through a large number of AI activations - a lot may be false alarms.

No ability to integrate autonomous vehicles into platform at low-cost & without external integrations.

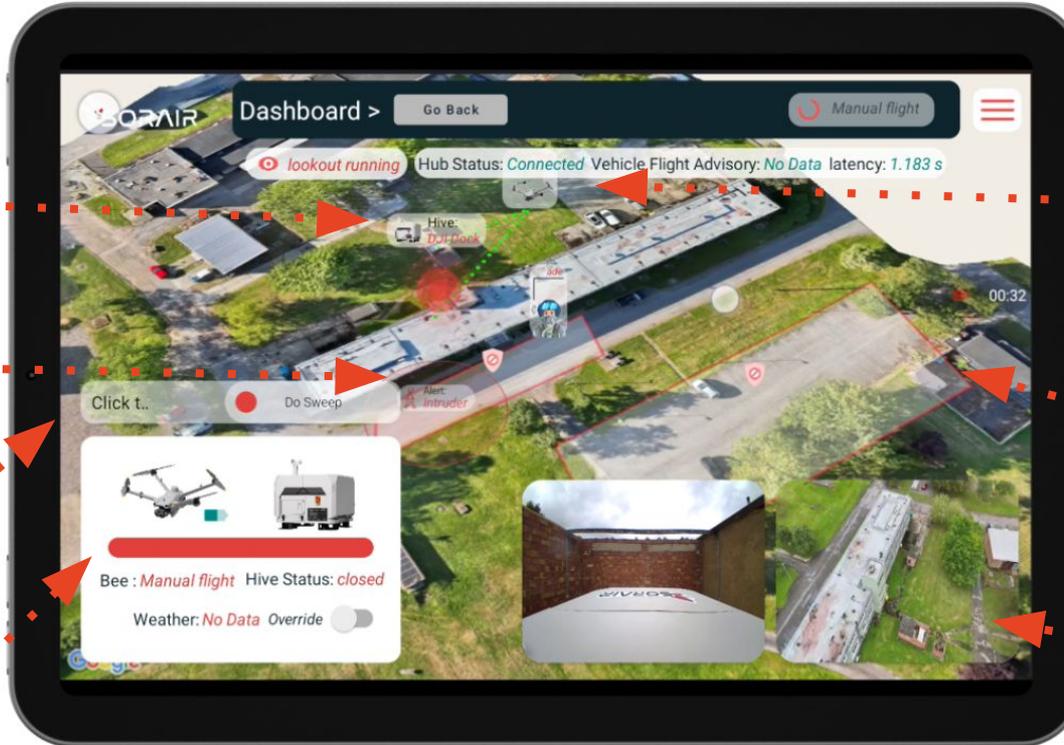
Soranet GEOSpatial interface

Access video feeds from specific cameras by clicking camera icons

Detected alerts/people have their locations displayed in real-time via AI

Select preconfigured patrol routes to execute

Select which drones or autonomous vehicles to use



Control/manage autonomous vehicle positioning

Use the map to dictate 'restricted areas'

Preview of live drone + Hive video feeds.

REVENUE MODEL

Infrastructure Setup - SORANET™ Base	
	One-off Price
Soranet hub x1 - GPU hardware setup for on-site AI computing of video footage	£3300/Hub (OTP)
Soranet Tablet x1 - Tablets for on-site security officers to access Soranet system.	£1000/Tablet (OTP)
Drone Installation x1 - Installation of Drone solution on desired roof plus configuration of system.	£1000 (OTP)
TOTAL	£5,250 (OTP)

REVENUE MODEL

Packages	SORANET™ - Mini	SORANET™ - Max/Titan
Security & Video Management Interface - Real-time, location-based GEOSpatial/GIS mapping interactive interface	£60-150/Month/License (Range depends on number of licenses or users required)	
AI LookOut Engine - AI and computer vision algorithms integrated into existing cameras to provide real-time alerts and detections of events such as: <ul style="list-style-type: none"> • Intrusion detection • Number plate recognition • PPE & safety gear detection 	£20-50/Month/AI Module/Camera (Range depends on number of AI modules required per camera)	
AI ForeSight Engine - AI algorithms that use historical data to predict the most probable set of incidents likely to happen on a given day and enables proactive autonomous planning of surveillance operations.	Coming soon (TBD)	
Drone integration - Integration of autonomous drones for: <ul style="list-style-type: none"> • Patrolling • Intruder and alarm responses 	X	£1,500-£2,000/Month/Drone (Range depends on the length of contract & drone)
Motion and smoke sensor integration - Integration of motion sensors, smoke detectors and fire alarms for granular indoor and outdoor tracking of activity and intruder detection.	X	£20/Month/Sensor



Existing deployments

London Gateway Port



Customer site description

2560 acres of industrial land. Situated on this port are container bays, warehouses and open public space vulnerable to vandalism, theft and more.

High-level project plan

- Installation, Integration and Training
- VLOS (Visual-Line-of-Sight) operations
- OSC (Operational Safety Case) build for BVLOS
- Proof-of-Concept Operation
- Commercial Review

Aims & Objectives

1. Train four staff members to qualify as GVC pilots.
2. Conduct CAA approved VLOS (Visual Line of Sight) operations.
3. Installation of Drone System
4. Integrate DP World's sensors with the Soranet platform.
5. Utilize the trial period of VLOS operations to develop an OSC (Operational Safety Case) for BVLOS (Beyond Visual Line of Sight) approval.

Retail World Team Valley



Customer site description

2000 acres of industrial land. Situated on this trading estate, there are hotels, warehouses, and small retail shops.

High-level project plan

- Installation, Integration and Training
- VLOS (Visual-Line-of-Sight) operations
- OSC (Operational Safety Case) build for BVLOS
- Proof-of-Concept Operation
- Commercial Review

Aims & Objectives

1. Install drone systems across Team Valley.
2. Conduct CAA approved VLOS operations.
3. Gather data and evidence for BVLOS approval for Autonomous Surveillance operations.
4. Integrate sensor and camera feeds into solution for drone threat responses to detected threats.
5. Gain BVLOS approval for Nighttime operations and proceed to 24/7 operations.

Homes England, Sturt Road



Homes
England



Customer site description

Vacant property/land filled with derelict buildings. Currently having issues with members of the public coming on-site and reducing risk of injury to the public.

High-level project plan

- Installation, Integration and Training
- VLOS (Visual-Line-of-Sight) operations
- OSC (Operational Safety Case) build for BVLOS
 - Proof-of-Concept Operation
 - Commercial Review

Aims & Objectives

- Install drone systems across Sturt Road.
- Conduct CAA approved VLOS operations.
- Gather data and evidence for BVLOS approval for Autonomous Surveillance operations.
- Integrate sensor and camera feeds into solution for more robust surveillance/monitoring.
- Gain BVLOS approval for Nighttime operations and proceed to 24/7 operations.



THANK YOU

Contacts

Kunmi@sorair.co.uk | 07762568181

Kunmi Oludoyi | CEO and Co-Founder