

# Company Profile



Defense & Homeland Security Solutions



# About Us



Our company specializes in AI and IoT-based solutions, delivering advanced technology for a wide range of applications. We help organizations enhance safety, security, and operational efficiency through cutting-edge innovations. Our solutions are designed to protect people and assets across land, sea, and air, ensuring preparedness for any situation.

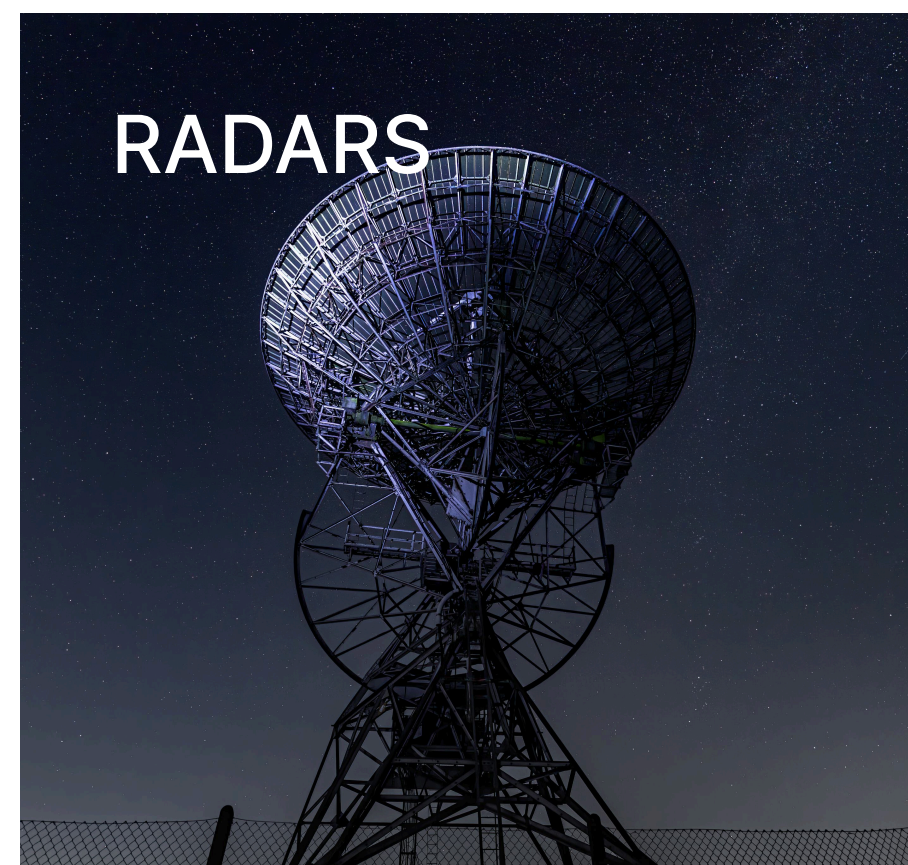
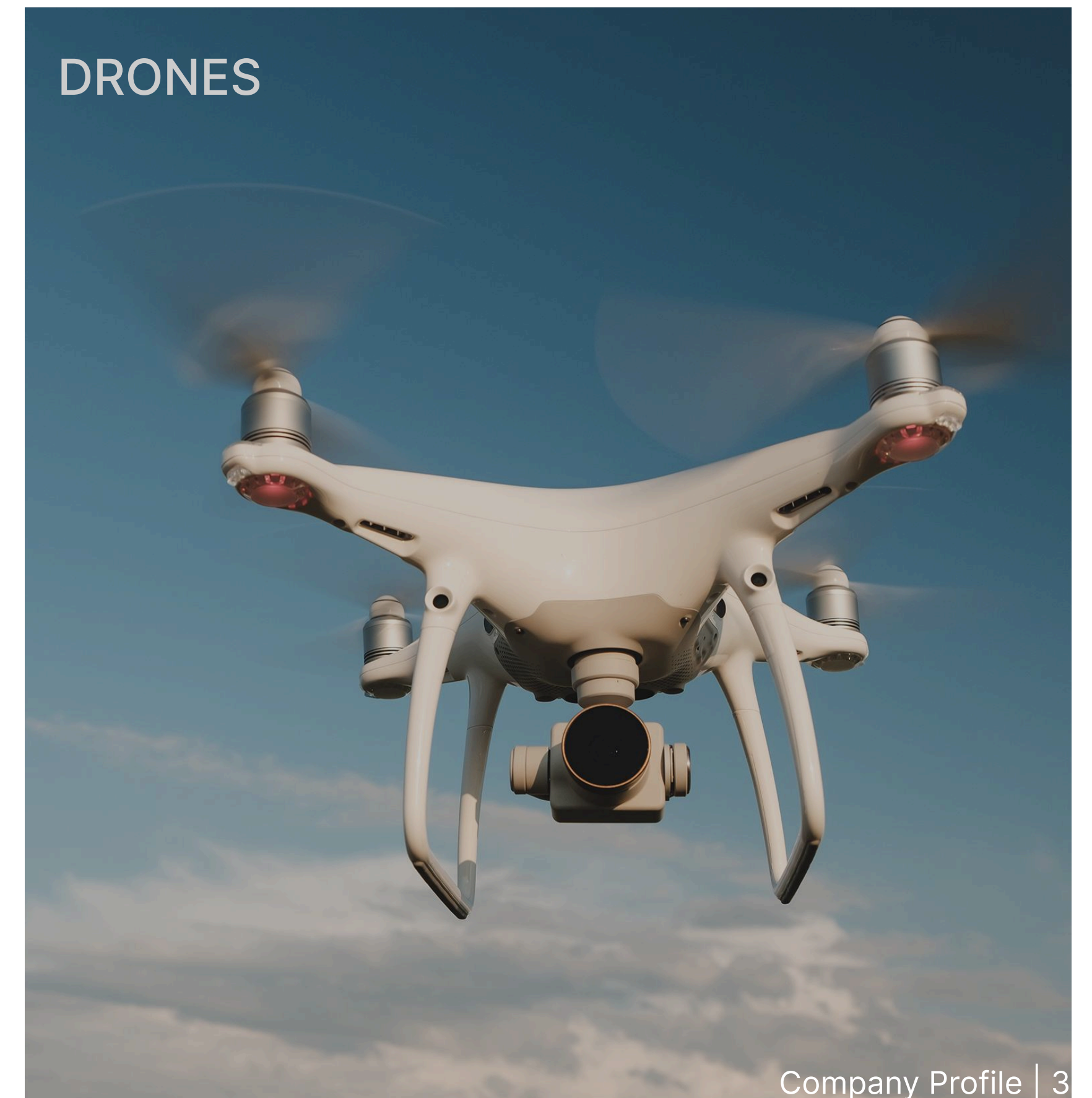
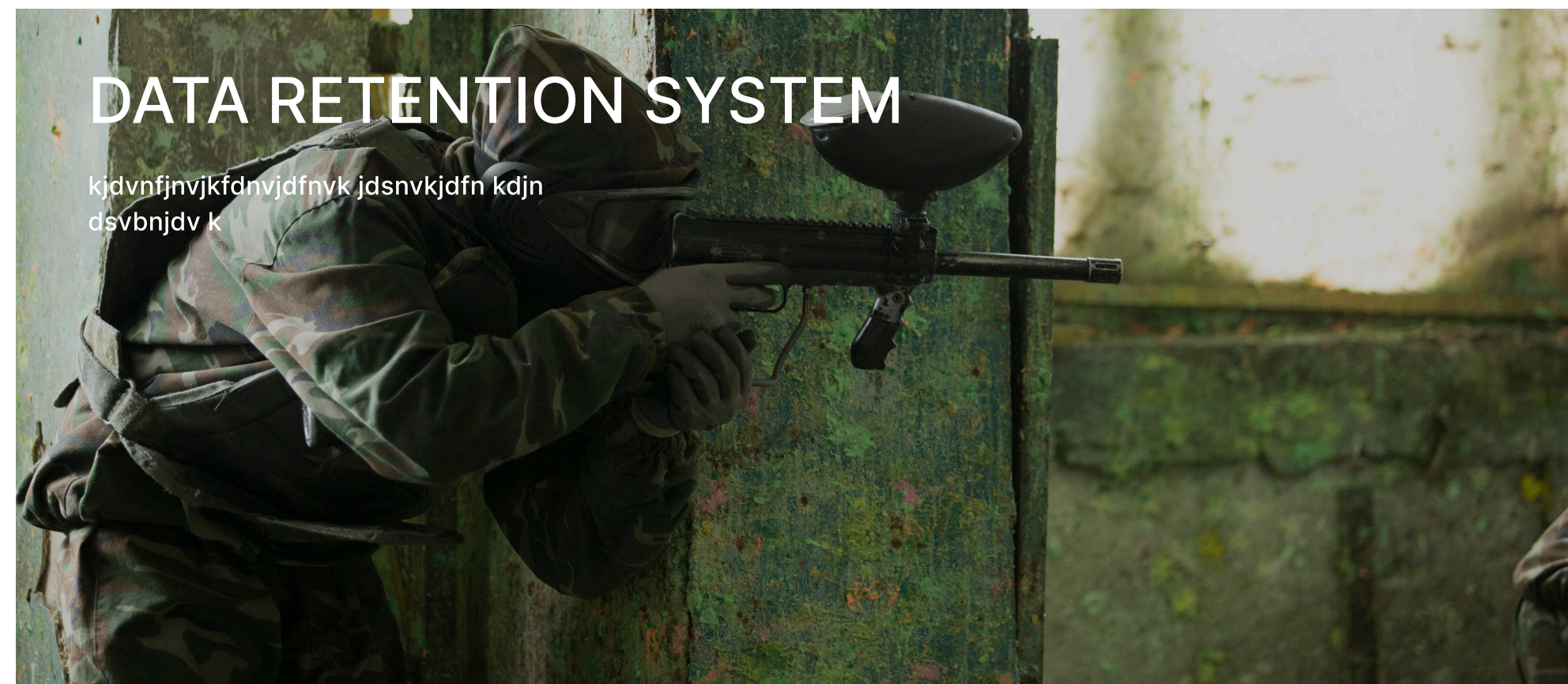
We offer a variety of safety-focused products, including intelligent sensors, radar systems, perimeter intrusion detection systems (PIDS), smart helmets, smart jackets, drones, and software-defined radios (SDRs). These technologies provide real-time monitoring, threat detection, and situational awareness, improving response times and risk mitigation.

By integrating AI-driven analytics and IoT connectivity, our solutions enhance safety standards across industries such as defence and emergency response. We are committed to advancing security technologies, and helping organizations stay ahead of emerging challenges. Our expertise ensures reliable, efficient, and scalable solutions tailored to meet evolving safety needs.



# What we do?

CREATING CUTTING EDGE **TECHNOLOGIES** FOR **FUTURE** READY DEFENCE



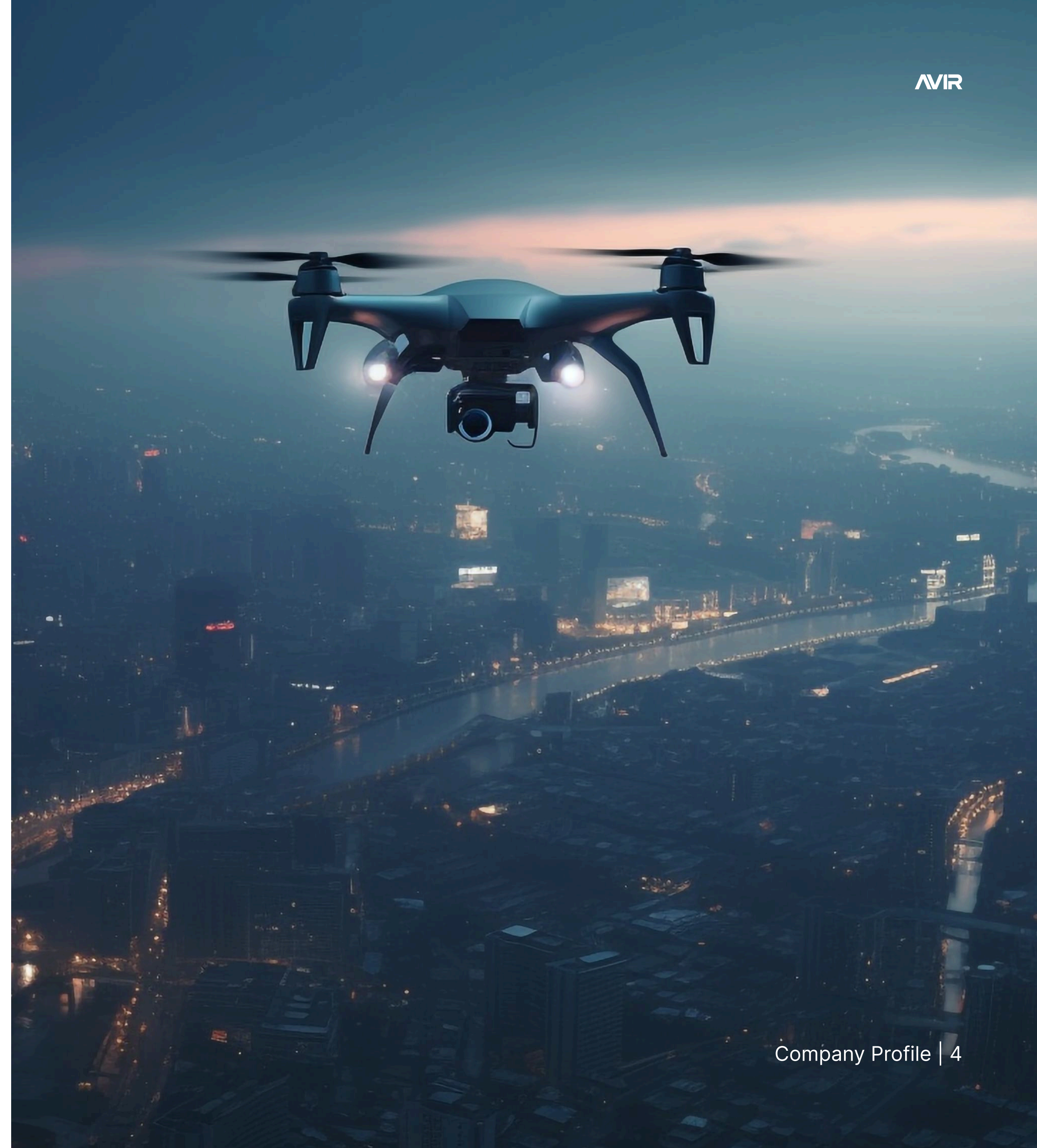


# Drones

Drones, also known as unmanned aerial vehicles (UAVs), are widely used in various industries for surveillance, photography, agriculture, delivery, and disaster management. They offer cost-effective, efficient solutions for data collection, monitoring, and transportation. Drones are transforming sectors by enhancing safety, precision, and accessibility in hard-to-reach or hazardous areas.

Drones also play a vital role in military operations, search and rescue missions, and infrastructure inspections, reducing human risk. In agriculture, they aid in crop monitoring, spraying, and yield analysis. Their use in filmmaking and journalism provides dynamic aerial footage. As technology advances, drones continue to revolutionize automation and remote operations globally.

- Surveillance Drone
- Kamikaze Drone





## SURVEILLANCE DRONE

Using a tethered military reconnaissance drone to conduct persistent observation missions will help you enhance overall force protection.

Rapidly deployable in vulnerable or difficult-to-access environments, our tethered solutions equipped with EO and IR sensors provide uninterrupted, 360°, day and night surveillance up to a distance of 10 kms (6 miles).

- Persistent surveillance
- Actionable Intelligence
- Day / Night Coverage
- Rapid Deployment



## KAMIKAZE DRONE

Kamikaze Drones (also known as Loitering Munitions) are unmanned aerial vehicles (UAVs) designed for one-time use, carrying explosives to strike targets with precision.

They can loiter in the air before identifying and engaging a threat, making them highly effective for modern warfare, surveillance, and tactical strikes.

- Precision Targeting
- Stealth & Speed
- Autonomous & Remote Control
- Compact & Portable





# Tactical Solutions

Tactical Solutions enables field intelligence teams to access target devices connected to 2G/3G/4G/5G networks.

Offered on variety of platforms a premium covert mission vehicles, portable backpacks and a airborne (drone/helicopter) installation.

Tactical Solutions ensures real-time interception, geolocation, and analysis of target communications.

Designed for high-stakes operations, it supports law enforcement, defense, and intelligence agencies in surveillance, threat detection, and secure data gathering.



# Radars

Radars are advanced detection systems that use radio waves to identify objects, measure their distance, speed, and direction. They excel in tracking small targets and performing reliably in harsh weather conditions. Our radar systems offer unmatched precision, enhancing safety, navigation, and surveillance across industries like aviation, maritime, and defense.

Our radar systems gives you small-target detection and bad-weather capabilities unlike any other solutions on the market.

## Surveillance Radar

AGT-3D-RD10000XLK three coordinate surveillance radar is mainly composed of one radar array, one mechanical turntable, and one power adapter. It is used for the detection, surveillance, and target indication of micro/small civilian drones in key areas such as borders, perimeters, and bases. It can accurately provide trajectory information such as target orientation, distance, altitude, and speed.





## SMART HELMETS

Smart helmets are advanced protective headgear integrated with modern technology to enhance safety, communication, and comfort. They often feature sensors, communication devices, and smart adjustments to support users in various environments like military, industrial, and sports settings.

- **Durable Material:** Aramid/UHMWPE with anti-glare matte finish.
- **BOA Lock System:** Easy, one-hand adjustable knob for stability.
- **Breathable Design:** Mesh suspension for comfort and airflow.
- **Lightweight Build:** Weighs 1.4 kg for easy, long-term wear.



## BULLETPROOF JACKET

A bulletproof jacket is designed to protect the wearer from ballistic threats, providing essential safety in high-risk environments. It offers lightweight comfort, multi-hit resistance, ergonomic fit, and customizable protection levels to ensure optimal performance without compromising mobility or durability.

- Multi-layer ballistic protection
- Lightweight and ergonomic design
- Modular attachment system
- NIJ-certified threat resistance





# SMS Shield

SMS Shield is a robust security solution designed to protect mobile networks from scams, fraud, and unauthorized messaging activity.

It detects and blocks malicious SMS traffic in real time, safeguarding users and operators from phishing, spoofing, and financial fraud. By ensuring message integrity, SMS Shield enhances network trust and reliability.

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## DETECT



Network-wide  
detection coverage  
for SMS Blaster  
attacks

## SCAN



Portable kit identifying transmitted  
signals from SMS Blasters

## PROTECT



Keep your subscribers  
safe from financial  
hacking attacks

## LOCATE



Directional Finding services  
to Geo-Locate SMS blaster  
devices





# Cronos

Cronos is a strategic, multi-dimensional data enrichment engine. It covertly observes Digital Users' breadcrumb trails across the surface, analyzes their profiles, routines and behavior patterns and raises actionable insights in real/near real time.

- End-to-end data enrichment solutions- collection, analysis & reporting.
- Cost effective - rapidly collect vast amount of data points across the surface.
- Presents only sanitized information via intuitive and easy to use dashboards.
- Stealth and secured- complete and comprehensive network source anonymization and encryption.

## SUB SYSTEM

- **xPlore**- allows users to search for entities of interest when only partial, non-unique data is available (e.g. name)
- **nRich** - provides the ability to uniquely and easily profile entities of interest by using a single lead for the investigation.
- **nGage** - provides an advanced end-to-end environment for defining, managing and controlling multiple virtual avatars (identities) over the internet.
- **LenZ** - an AI based module which was designed to bring up the relevant information regarding faces, objects and text which it identifies.







# Data Sources

- **Online Sources**- Search engines, API services, online database and more.
- **Offline Sources**- deep/dark web sources and private database
- Social Networks/Internet Sources.
- **Deep and Dark Web Sources** - Unique access to 80B+ records.
- Customer provided database

Indigenous design, Supports voice and data communication  
Coverage in HF, VHF, UHF and L-bands, SCA compliant architecture,  
Security features in line with standard red-black separation, RF front end and signal processing for wideband spectrum sensing (for CR only)



# Intelligence Platform

The Intelligence Platform (IPF) is an advanced tool for data analysis, integration, and visualization, capable of processing and correlating both structured and unstructured data within a unified interface.

It enables intuitive navigation of vast data sets through specialized algorithms, supporting search and visual analysis based on predefined use cases.

Seamlessly integrated with our next-generation Monitoring Center (MCng), it offers comprehensive access to communication metadata.



## HIGHLIGHTS

- Integrate, correlate and analyze virtually any type of data.
- Detect anomalies and unusual behaviour with activity, location and identity analysis
- Visualize the analytical results with feature-rich link view, timeline view and map view
- Analyse vast amounts of data to discover new suspects, relations and pattern of life.
- Proximity and convoy analysis on identities of interest
- Panoramic analysis on identities of interest based on big data and target profiling
- International calls and roamers discovery and analysis





# Data Retention System

DRS is a unified, multi-service, state-of-art, convergent data-hub for structured and unstructured data providing effective storage, rapid search and results un a highly efficient solution.

It is adaptable to government institutions, regulatory authorities or private business requirements wherever large amounts of data need to be stored proceed and analyze.

- Very low total cost of ownership thanks to smart and efficient data compression and complete system visualization.
- Complying with ETSI 3GPP and country specific standards or adapts to customer non-standard data sources with fully integrated ETL.
- Deployed on commercial off the shelf hardware, no 3rd party software licenses.
- Carrier-grade performance and real time response times.
- Integration with our intelligence platform (IPF)







# Contact Us

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