

WELCOME TO AZUR DRONES

WHEREVER DUTY CALLS



BEING AUTONOMOUS MEANS BEING ABLE TO DECIDE – AND TO ACT

Industrial sites, civil protection, defense operations: wherever vigilance is vital, our drones deliver.

Skeyetech drastically reduces response times by patrolling, confirming alerts, and monitoring threats, day and night – with the highest standards of safety and reliability.

Behind every flight is our commitment to expertise and service, ensuring your operations run smoothly, securely, and with full confidence.

Simple to deploy. Trusted to perform. Made in France.

WHEREVER DUTY CALLS. WELCOME TO AZUR DRONES.

FROM INNOVATION TO MARKET LEADER

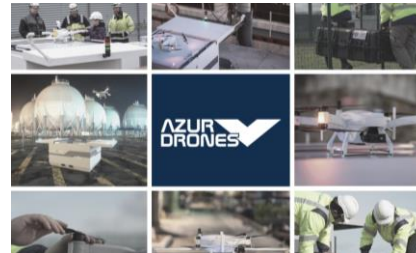
Started as SKEYETECH
in **2015**



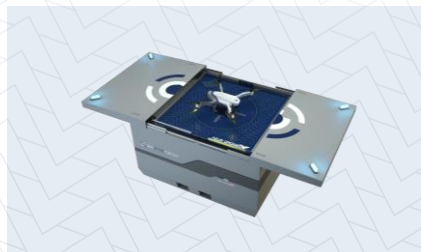
Headquartered in
Bordeaux, France



+50 employees
+67,000 autonomous flights



1st autonomous drone
approved in EU



Full value chain
Plug & Play on site



Cutting-edge, built to
aeronautical standards



DVR Certification (EASA)

25 Sora
in complexes areas

**Designed and
produced in France**



IN A NUTSHELL

Azur Drones is an aerospace company, European leader in providing a game-changing drone-in-a-box solution for safety and security applications.

Our solution **SKEYETECH** is a standalone aerial surveillance solution, designed for various application. It is composed of a smart drone, a docking station with air-conditioning and a weather station.

SKEYETECH can conduct automated take-off, safe navigation based on live calculations functions and very precise landing. It takes off in less than 40 seconds.



Genetec™

milestone



WHERE WE OPERATE

SENSITIVE SITES INDUSTRY

- > VITAL OPERATORS
- > INDUSTRIAL SITES
- > PORTS & AIRPORTS

DEFENCE & SECURITY

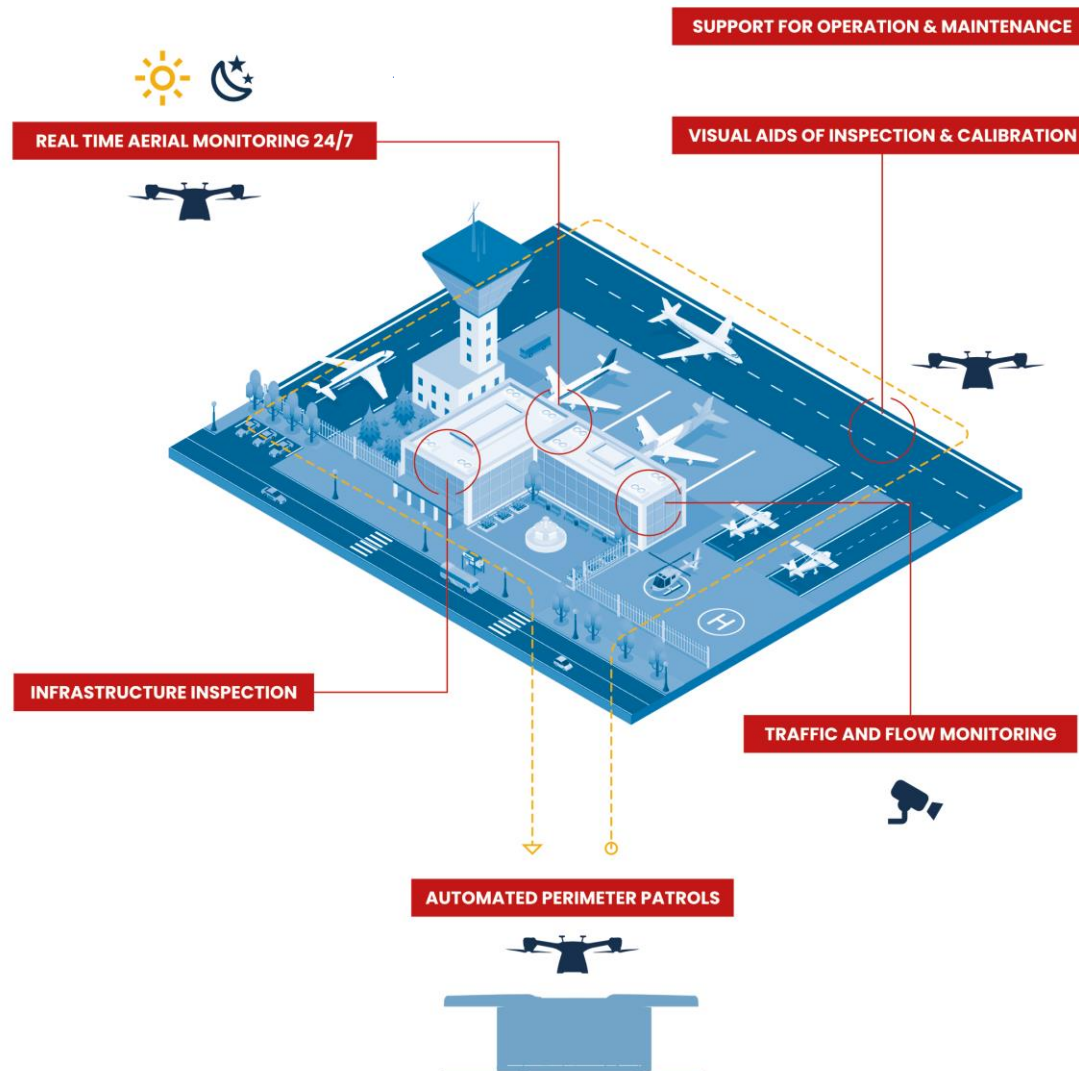
- > AIR/NAVAL BASE
- > STRATEGIC DEFENSE SITE
- > EMBASSY
- > BORDERS CONTROL
- > SENSITIVE MILITARY INSTALLATION

CIVIL PROTECTION

- > ENVIRONEMENTAL PROTECTION
- > FIRST RESPONDERS
- > SMART CITIES



SKEYETECH: MORE THAN A SECURITY SYSTEM IN AIRPORT AREAS



Security & Surveillance (core mission)

- Automated perimeter patrols
- Intrusion response and real-time visual verification
- 24/7 automated operations, day and night, minimizing staff exposure to risk
- Live video streaming to the airport security control room

Why Skeyetech Stands Out?

- Fully autonomous drone-in-a-box, no pilot required
- Operational 24/7, even in degraded weather conditions
- Seamless integration with VMS and airport supervision systems
- Repeatable, traceable, fully automated missions
- Significant savings on personnel and faster response times

SKEYETECH: MORE THAN A SECURITY SYSTEM IN AIRPORT AREAS

Regulatory Compliance

- Execution of mandatory regulatory patrols
- Visual inspection of fences, gates, and restricted zones
- Evidence capture and archiving for audits and investigations (Genetec / Milestone VMS)

Infrastructure Inspection

- Visual control of runways, taxiways, and apron areas
- Inspection of perimeter edges (vegetation, buildings, erosion)
- Monitoring of ongoing worksites
- Reduces need for on-foot or vehicle-based inspections

Traffic & Flow Monitoring

- Supervision of airside ground vehicle traffic (buses, service vehicles)
- Monitoring of vehicle parking areas (cars, ground support equipment)
- Observation of passenger flows in public and restricted zones **

Visual Aids Inspection & Calibration

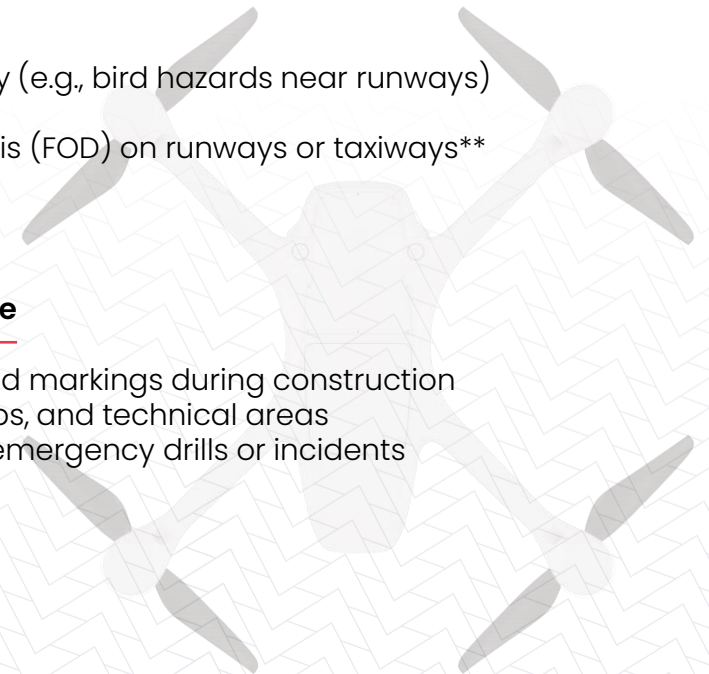
- Monitoring of aeronautical lighting systems (PAPI, runway/taxiway lights)
- Visual inspection of lenses for alignment, cleanliness, or malfunction
- Automated calibration of light intensity using specific payloads
- Major time and cost savings vs manual inspection teams

Environmental & Safety Monitoring

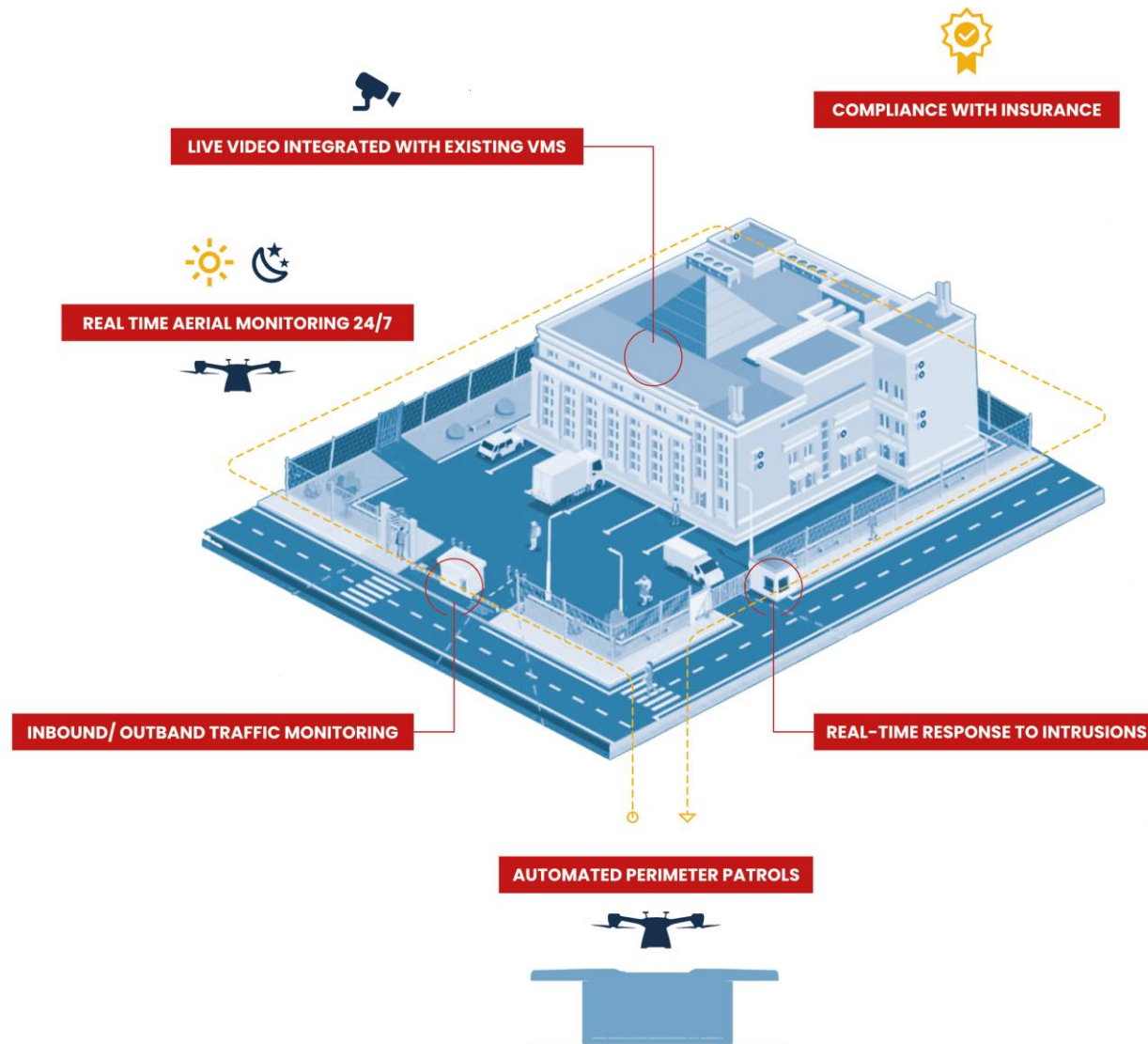
- Detection / scaring of wildlife activity (e.g, bird hazards near runways)
- Observation of smoke, fumes
- Identification of Foreign Object Debris (FOD) on runways or taxiways**

Support for Operations & Maintenance

- Verification of temporary lighting and markings during construction
- Visual inspection of hangars, rooftops, and technical areas
- Real-time aerial monitoring during emergency drills or incidents (fire, security breach, evacuations)



SKEYETECH: MORE THAN A SECURITY SYSTEM IN LOGISTICS FACILITIES



Security & Surveillance (core mission)

- > Perimeter patrols (fences, gates, blind spots)
- > Real-time response to intrusions, alarms or motion detection
- > Night-time surveillance from centralised OCC, minimizing staff exposure to risk.
- > Live video feed integrated with existing VMS or security control systems
- > Compliance with insurance or client security SLAs protocols

Why Skeyetech Stands Out?

- Autonomous system: **no pilot, no remote control, no delays**
- **24/7 reliability** with minimal maintenance
- **Quick ROI**: reduces patrol labor, boosts accountability and safety
- Enhances transparency for high-value, high-volume logistics sites
- Demonstrates **tech-forward image** to clients and partners

SKEYETECH: MORE THAN A SECURITY SYSTEM IN LOGISTICS FACILITIES

Regulatory & contractual Compliance

- Support for mandatory safety/security audits (ISO, TAPA, ...)
- Documentation of incidents, patrols, and anomalies (traceability & reporting)
- Evidence generation for incident investigation or liability claims
- Alignment with customer security requirements

Operational Support & Site Monitoring

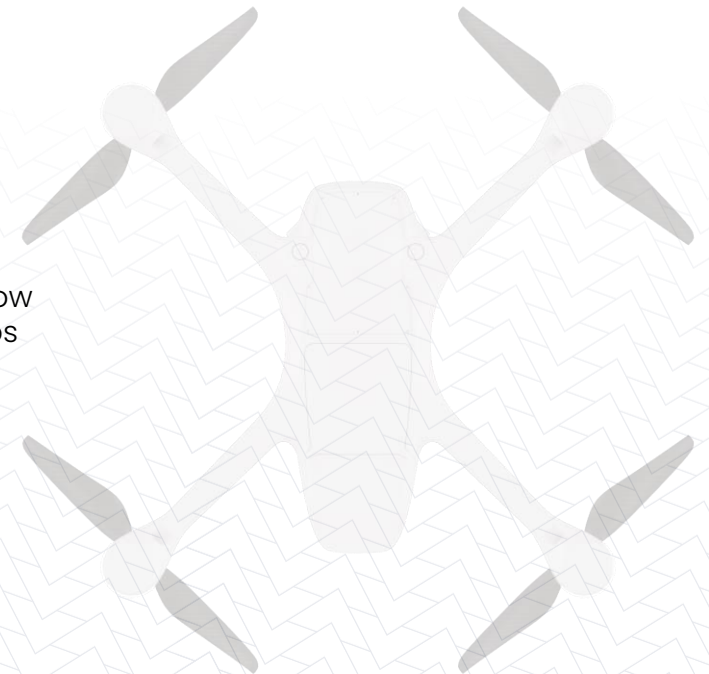
- Monitoring of inbound/outbound traffic (truck flows, gate operations,...)
- Oversight of loading bays, docks, and external yards
- Visual confirmation of parking zone occupation or misuse
- Rapid inspection of infrastructure or utility areas (lighting, roof, fencing, etc.)

Operational Efficiency & Performance Monitoring

- KPI-driven missions: patrol frequency, coverage %, reaction time
- Reduce reliance on human patrols: one drone can replace multiple hourly rounds
- Works **day and night**, automatically, no pilot, no scheduling conflicts
- **Lower operational cost** than manned security or drone pilots

Data Integration & Smart Decision-Making

- Integration with existing **warehouse management or security systems**
- Visual data to optimize layout or improve flow
- Audit-ready mission logs, photos, and videos stored securely



SKEYETECH: MORE THAN A SECURITY SYSTEM IN PORTS AND COASTAL AREAS



COMPLIANCE WITH INSURANCE

LIVE VIDEO INTEGRATED WITH EXISTING VMS

PERIMETER PATROLS LOGISTIC, TERMINAL & FREIGHT ZONE MONITORING

MARITIME & COASTAL SURVEILLANCE

REAL TIME AERIAL MONITORING 24/7

AUTOMATED PERIMETER PATROLS

Perimeter Security & Restricted Area Protection (core missions)

- Automated surveillance of fences, gates, warehouses, SEVESO sites
- Real-time alerts in case of intrusion, IEP procedures or ERP plans
- Enhanced coverage of remote or unstaffed areas, especially at night or on weekends
- Integration with existing VMS or access control systems

Why Skeyetech Stands Out?

- Autonomous system: **no pilot, no remote control, no delays**
- **24/7 reliability** with minimal maintenance
- **Quick ROI**: reduces patrol labor, boosts accountability and safety
- Enhances transparency for high-value, high-volume logistics sites
- Demonstrates **tech-forward image** to clients and partners

SKEYETECH: MORE THAN A SECURITY SYSTEM IN PORTS AND COASTAL AREAS

Maritime & Coastal Surveillance

- Aerial monitoring of dock areas, piers, mooring zones and maritime access routes
- Support for vessel movement oversight: tugboats, pilotage, ferry docking
- Visual surveillance of areas beyond radar coverage, such as port entry corridors
- Complement to human coastal patrols in sensitive zones

Logistics, Terminal & Freight Zone Monitoring

- Oversight of container yards, loading docks, rail access and intermodal zones
- Surveillance of truck flows, congestion points, parking misuse
- Real-time visual support for loading/unloading operations
- Detection of safety breaches, (pedestrian movement / non-conforming practices)

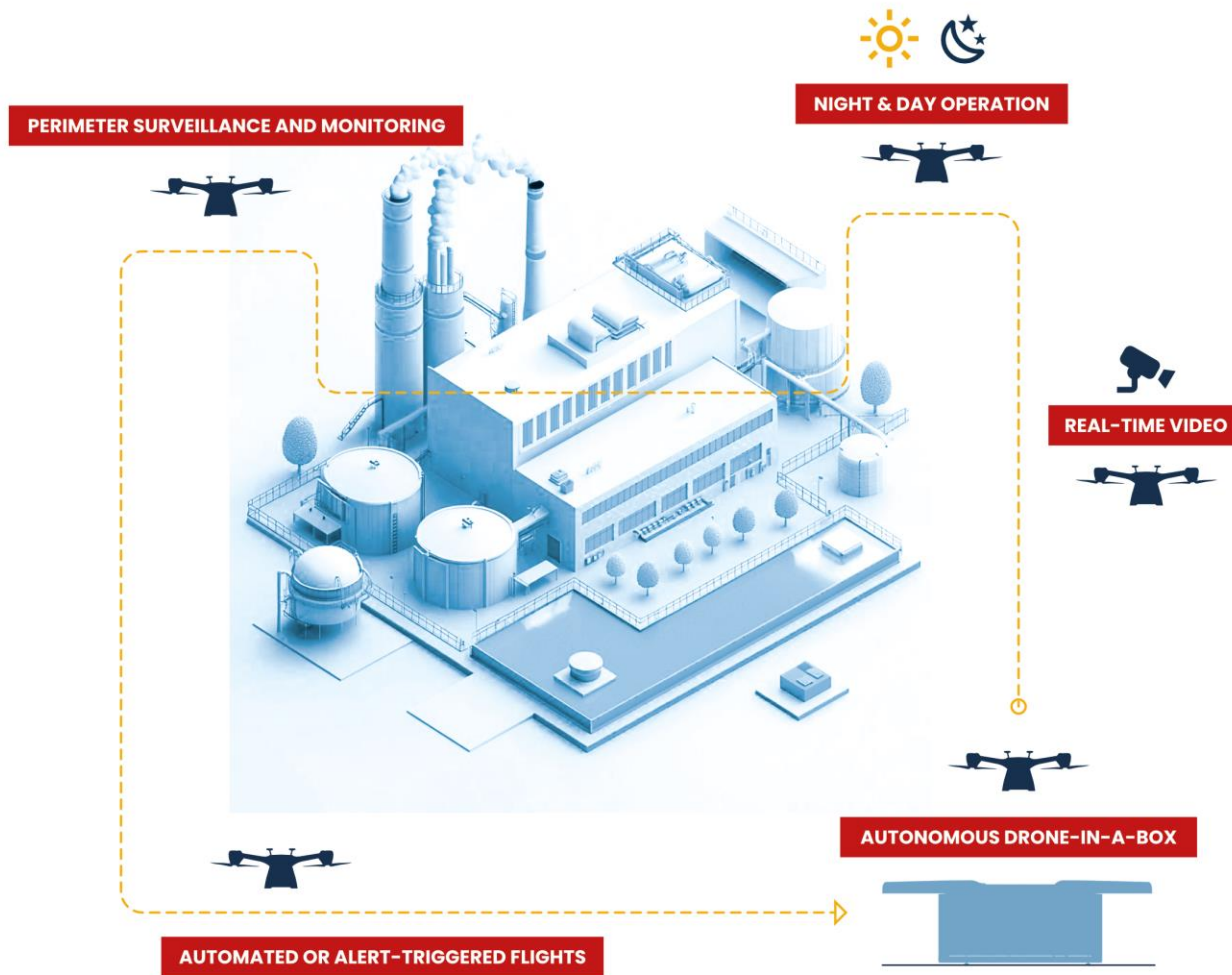
Regulatory Compliance & Security Standards

- Alignment with ISPS Code and port authority security protocols
- Visual evidence to support audits, inspections and customs documentation
- Contribution to TAPA FSR and AEO compliance for secured logistics chains
- Video recordings and logs for incident traceability and liability reduction

Operations, Infrastructure & Maintenance Monitoring

- Day / night Inspection of port infrastructure: lighting, rail tracks, roofs, fences
- Day / nighttime inspection of cranes and elevated installations





Safety & Perimeter Security (core missions)

- > Continuous perimeter surveillance (fence lines, pipelines, tanks, restricted zones)
- > Automatic patrols to detect intrusions, abnormal activity or vehicle presence
- > Real-time video feed to security control rooms or crisis centers
- > Night & day operation with thermal and optical cameras
- > Reduces reliance on ground patrols in elevated or hard-to-reach areas
- > Autonomous drone-in-a-box: no pilot, no vehicle, no delay

Why Skeyetech Stands Out?

- No pilot needed – automated launch on alarm or schedule
- Multi-sensor platform: video, gas, methane, radiation – one flight, multiple insights
- Reduces human exposure in toxic, explosive or radioactive environments
- Sovereign system, fully secured and compliant with OIV & SEVESO cybersecurity standards
- Fast ROI compared to human inspections or handheld detectors

Safety & Perimeter Security

- Aerial inspection of fuel storage tanks, pipeline corridors, chemical loading stations
- Visual checks for abnormal activity or intrusion
- Measurement of smoke, gas leaks
- Alert triggers based on gas thresholds or radiation levels
- Useful during routine inspections or post-alarm verification (internal emergency plans)

Support During Alarms, Drills & Emergency Response

- Visual confirmation during PUI (Internal Emergency Plan) or POI (External Plan) activation
- Situational overview for command post and response teams
- Flyover of hazard zones without endangering personnel
- Coordination with fire brigades, internal safety officers or crisis units

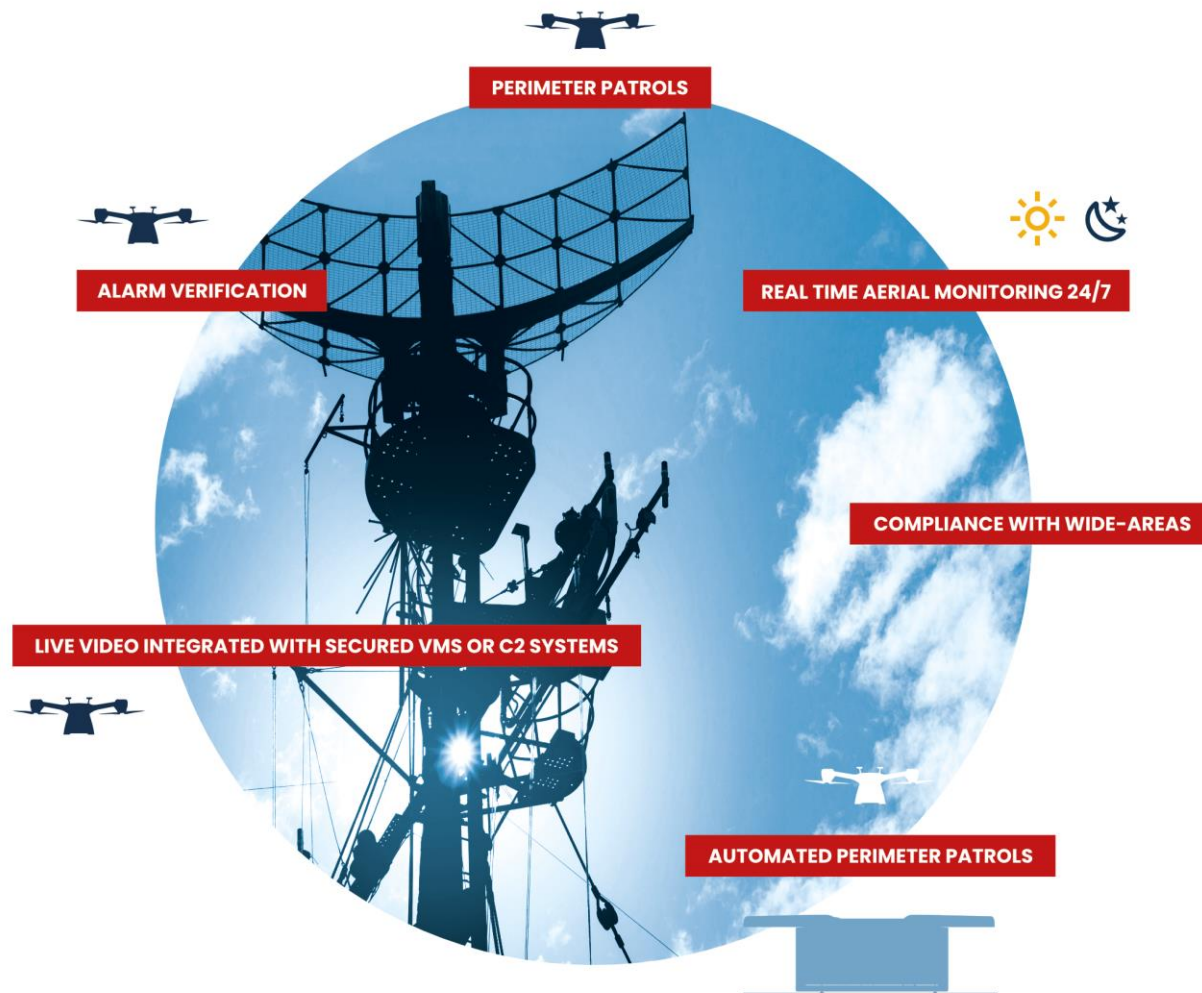
Industrial Asset Inspection & Maintenance Monitoring Aerial

- Inspection of pipes, tanks, flare stacks or cooling units
- Regular thermal inspection for overheating or insulation loss
- Support to maintenance planning and anomaly detection without physical access

Surveillance in Harsh or Degraded Environments

- Operates under dust, light rain, low light, and rugged terrain
- Ideal for remote sites with limited infrastructure or personnel presence





Robust, sovereign and autonomous aerial monitoring system

- > Automated patrols of fences, gates, and sensitive perimeter zones
- > Day/Night real-time response to intrusion, motion alerts and threat prevention
- > 24/7 availability Optimizes the use of security personnel, freeing them for higher-value tasks
- > Quick to deploy and easy to train for integration within existing force structures
- > Effective even in rugged or remote zones with limited infrastructure

Why Skeyetech is a game changer?

- Fully **autonomous drone-in-a-box**, no pilot, no scheduling
- Designed for **rugged environments** and **operable in harsh weather**
- Delivers **24/7 operational availability**
- **Sovereign, cyber-hardened** system made for sensitive applications
- Interoperable with **military VMS, C2 systems****

Surveillance of Critical and High-Value Areas

- Surveillance of command centers, radar stations, and shelters over large areas
- Enhances decision-making in emergencies, drills, or routine events
- Early detection of abnormal activities, unauthorized access
- Real-time monitoring and tracking to command center and field teams

Compliance & Operational Readiness

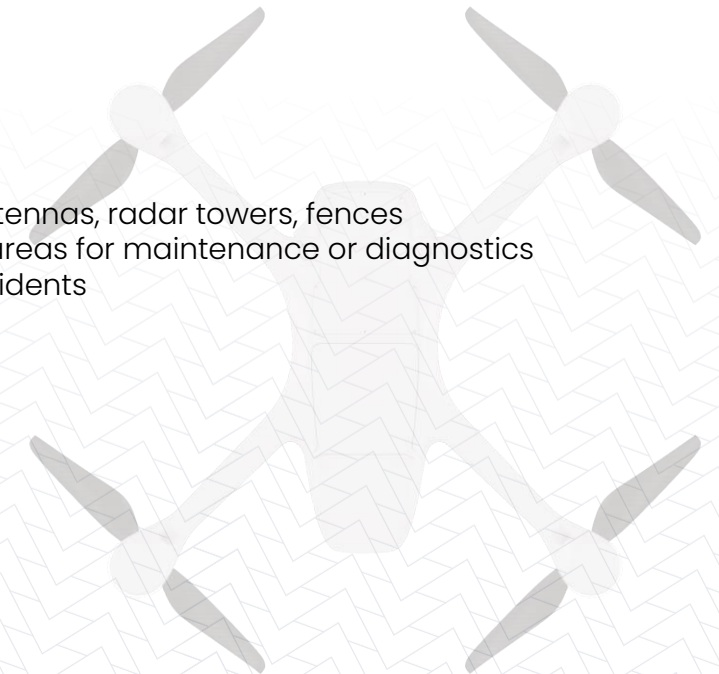
- Reinforces security inspection protocols and internal control procedures
- Video archives and logs to support audits, investigations and readiness reporting
- Reinforces security posture for strategic or classified assets
- Weather-aware mission planning ensures safe and continuous operations
- Multi layer map tool ensuring mission continuity

Rapid Response & Real-Time Situational Awareness

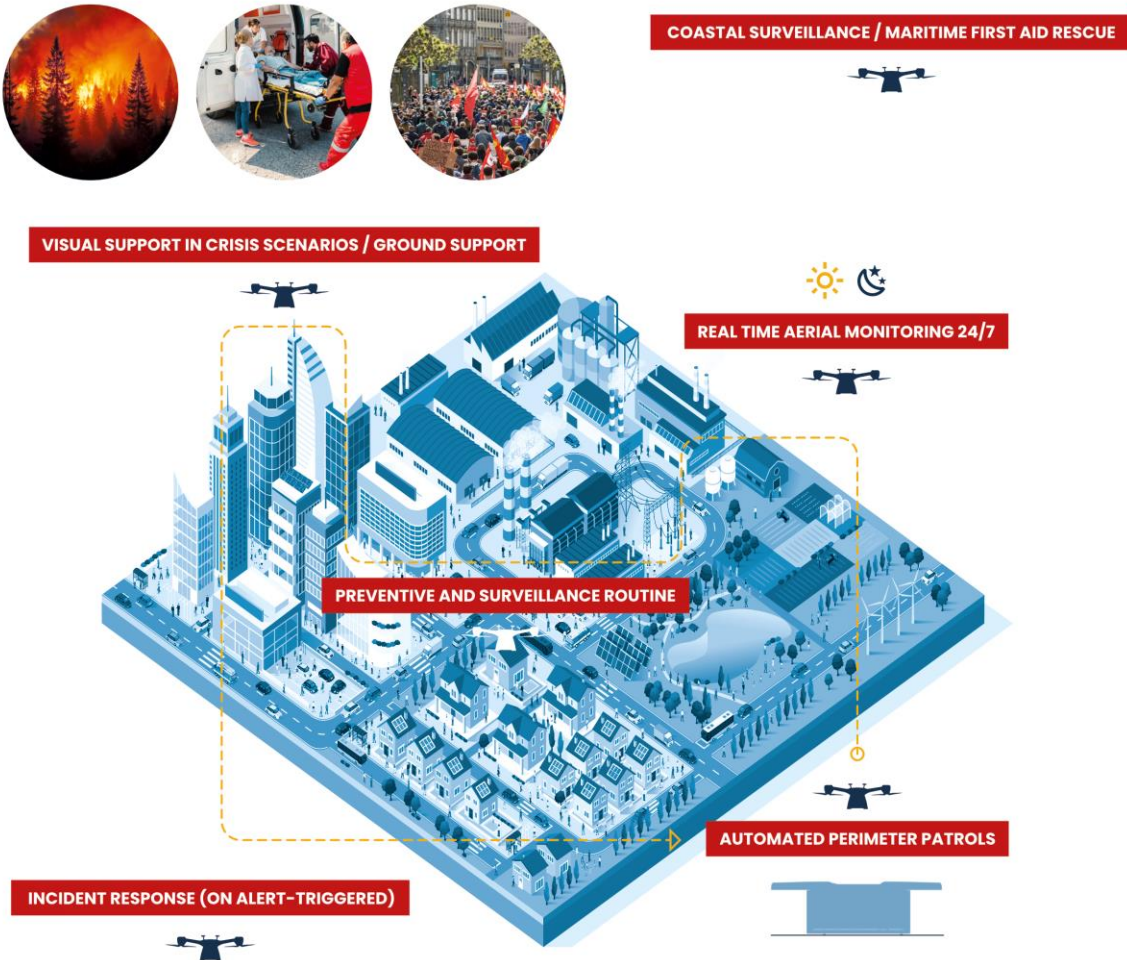
- Rapid Response & Real-Time Situational Awareness
- Instant aerial visibility during alerts, intrusions, fire or accidents
- Strengthens response coordination with real-time streaming to command posts
- Supports training drills, base exercises, and real emergencies

Technical & Infrastructure Oversight

- Remote inspection of lighting, roofs, antennas, radar towers, fences
- Non-intrusive monitoring of restricted areas for maintenance or diagnostics
- Ideal for damage assessment after incidents



SKEYETECH: MORE THAN A SECURITY SYSTEM FOR FIRST RESPONSE



Robust, sovereign and autonomous aerial monitoring system

- > Automated patrols of fences, access points, and sensitive zones
- > Day / Night real-time response to intrusion, motion alerts or suspicious movements
- > Active deterrence / threat prevention
- > 24/7 availability, fast launch and remote observation reduce response time
- > Improves officer safety by avoiding unnecessary deployment in risky situations
- > Effective even in rugged or remote zones with limited infrastructure

Why Skeyetech is a game changer?

- Instant launch, no pilot needed – ideal for urgent or high-risk situations
- Autonomous missions, day & night, with real-time video to command centers
- Improves officer safety by providing remote situational awareness
- Fast ROI vs manned systems, low operational footprint
- Sovereign & secure, compliant with public safety and data standards

SKEYETECH: MORE THAN A SECURITY SYSTEM FOR FIRST RESPONSE

Currently Operable Use Cases *(under existing drone regulations)*

1. Sensitive site surveillance & threat prevention

- Regular surveillance of sensitive sites
- 24/7 deterrent presence without human deployment

2. Rapid response and situational awareness

- Launch a drone in seconds to assess an incident: car accident, fire, suspicious behavior,...
- Visual confirmation before deploying agents (eliminating doubts)
- Real-time video feed to command centers, enabling better coordination

3. Support to emergency operations

- Assistance to fire service, CIVIPOL or medical teams in large-scale or chaotic situations
- Joint coordination with prefecture, emergency responders, civil security, etc.
- Maritime rescue / Supports coastal patrols in radar blind spots or adverse weather conditions

4. Security drills & preparedness

- Aerial supervision during training or coordination exercises between units
- Documented coverage for after-action review

Smart City" Capabilities *(subject to future regulatory approval)***

1. Dynamic urban patrols

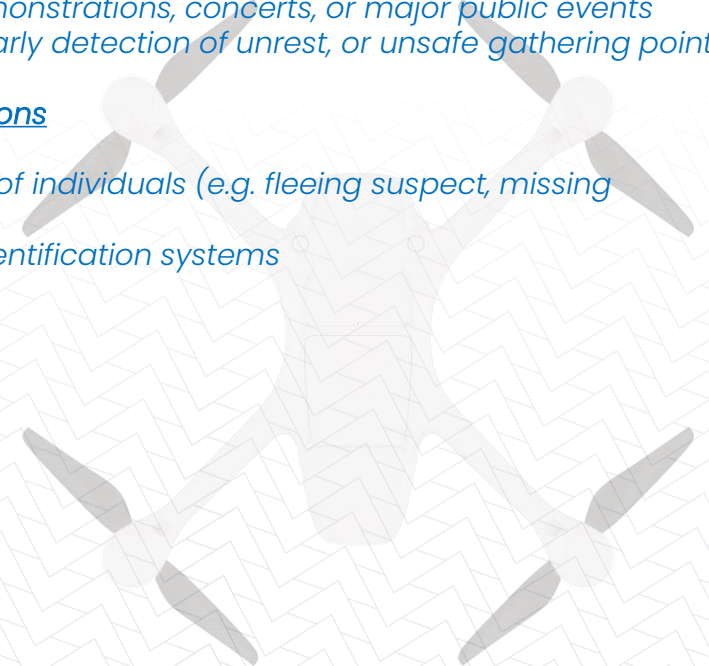
- Automated patrol routes in urban districts for crime prevention
- Drone used as a mobile, remote surveillance tool integrated with city infrastructure

2. Crowd control & event monitoring

- Aerial support during demonstrations, concerts, or major public events
- Crowd flow monitoring, early detection of unrest, or unsafe gathering points

3. Search & tracking operations

- Real-time aerial tracking of individuals (e.g. fleeing suspect, missing person)
- Integration with object identification systems





Facility Security & Perimeter Protection

- > 24/7 autonomous aerial patrols over rooftops, inner courtyards, access gates and perimeters
- > Instant visual confirmation upon intrusion detection, suspicious activity, or perimeter breach
- > Supports police or internal security staff during off-hours or high alert levels
- > Sensitive site monitoring and threat prevention / deterrence

Why Skeyetech is a game changer?

- Discreet, always-ready surveillance tool without pilot
- Facilitates multi-agency coordination in both drills and emergencies
- Enhances resilience, visibility and response capability of critical government sites
- Complies with urban airspace regulation and cybersecurity standards
- Proven technology used across high-security civilian and military sites

SKEYETECH: MORE THAN A SECURITY SYSTEM FOR CRITICAL GOVERNMENT SITES

Urban Incident Management & Multi-agency Coordination

1. Real-time aerial situational awareness during:

- Fire incidents (e.g. rooftop fire, smoke detection)
- Security events (e.g. intrusion, hostage situation, bomb threat)
- Public order disruptions (e.g. protest, crowd movements)
- Medical emergencies (e.g. cardiac arrest in courtyard, ambulance access)

2. Facilitates coordination between:

- Ministry security
- Police forces
- Firefighters & emergency responders
- Prefecture & government crisis cells

Drone feed can be streamed live to all authorized actors through secured interface



Routine Operations & Safety Exercises

- Support for regular security drills (evacuation, lockdown, intrusion simulation)
- Visual feedback during maintenance operations on rooftops
- Monitoring of VIP arrival logistics, press zones, or protest perimeters
- Complements human surveillance with traceable, auditable aerial missions

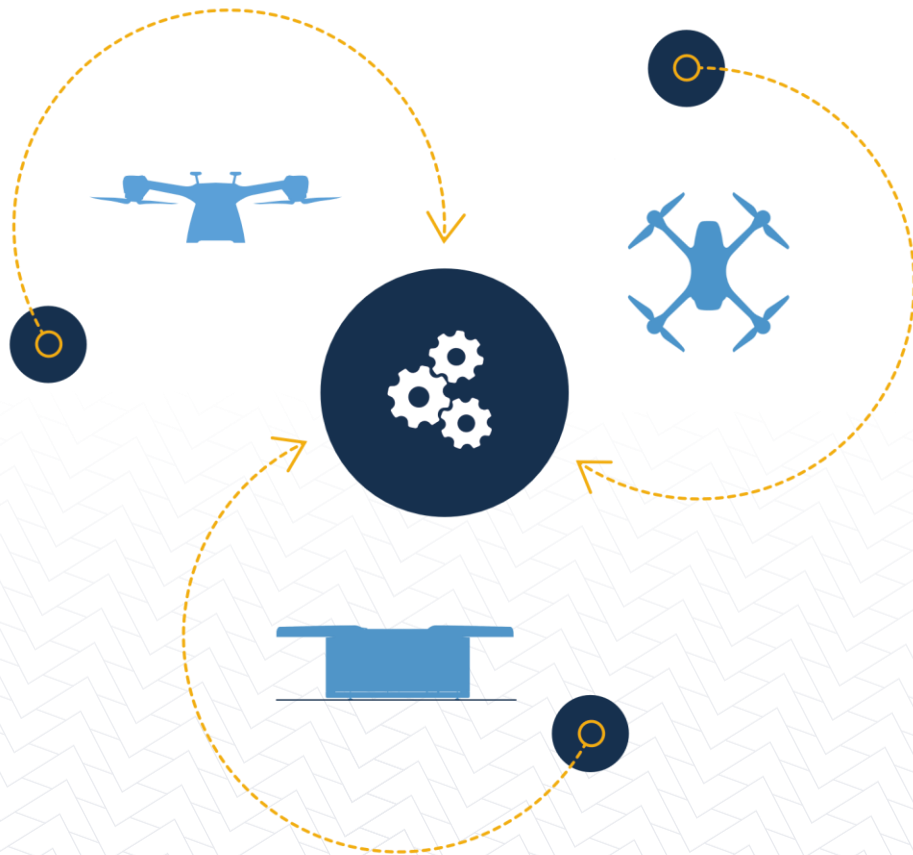
All-Weather & No-Operator System

- Drone-in-a-box operates day/night, rain or shine (within safety margins)
- Requires no pilot or external personnel – missions can be triggered remotely or pre-scheduled
- Maintains operational availability even during traffic congestion or staff shortage

Sovereign, Secure & Confidential

- Made in France, fully sovereign hardware and software
- Meets institutional IT security and data sovereignty requirements
- All data flows secured, encrypted, and optionally hosted on-premise
- Full control of access rights, audit logs, and mission history

WHY INVEST ON A DRONE SOLUTION: A BREAKTHROUGH VS. TRADITIONAL SYSTEMS



Traditionnal solution

- Repetitive, low-value tasks for security staff
- High response times on large or complex sites
- Limited visibility (ground level, blind spots)
- Reduced efficiency at night or in hard-to-reach areas
- Human exposure to risky situations
- Fragmented data, limited traceability of patrols
- Manual or reactive video analysis only
- Costly and slow technical inspections



DRONE WITH PILOT

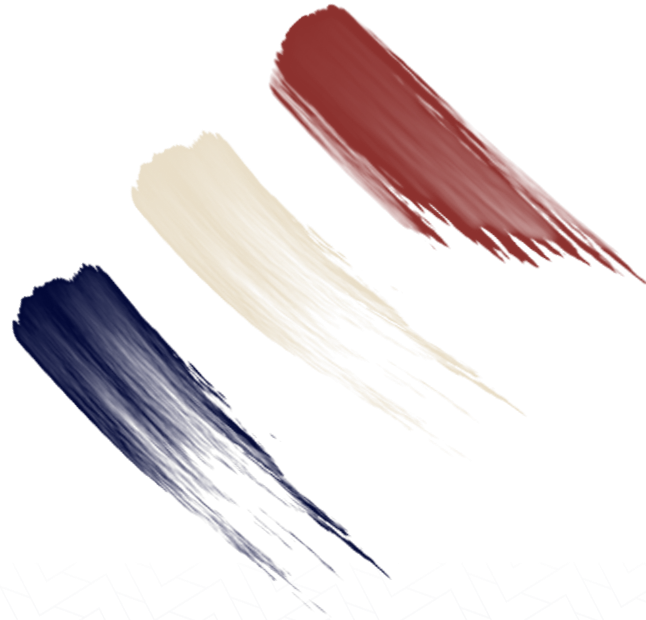
- 100% manual piloting: high risk of errors
- One-off missions (pilot presence required)
- Flights limited to VLOS only
- Restricted flight duration and altitude
- Severe weather constraints: limited operations
- Performance depends on pilot's reflexes
- Long operator training (≥ 3 months)
- Year-round availability = multiple certified pilots
- Authority approval required for each flight



DRONE IN A BOX SOLUTION

- ✓ Pilotless solution (operated via PC)
- ✓ No on-site human presence required
- ✓ 24/7 fully autonomous operation
- ✓ Continuous availability for routine tasks & crisis response
- ✓ Remote deployment and control
- ✓ Seamless integration with security systems
- ✓ Fast online training (minimal on-site skills required)

SOLUTION



SKEYETECH DRONE



DRONE

MTOW	1,5 KG
Max flight time	25 min
Max flight speed	16 m/s



Embedded Recovery System with Parachute

Innovative recovery system designed to deploy a parachute in the event of a malfunction or emergency. By slowing the descent, it significantly reduces the impact on the ground, protecting both the drone and the surrounding environment.

Eight Standard Engines

providing consistent and reliable performance, enabling it to maintain stability and control during various flight conditions. This redundancy helps to ensure that even if one engine were to fail, the drone continue to operate safely.

Triple Redundancy for Critical Equipment

The drone features triple redundancy for its vital components, including dual GPS systems and dual SIM cards. This means that if one system fails, the others can seamlessly take over, ensuring continuous navigation and communication.

Advanced Geo- Caging System

This sophisticated geo-caging technology creates virtual boundaries that the drone can't cross, enhancing aerial safety, and reducing the risk of accidents.

SKEYETECH DOCKING STATION

The docking station provides Drone's protection and **automatic charging** and allows a secure data transmission between the drone and the Control Room, enabling seamless communication and real-time updates during flights.

It comes with a **weather station** monitoring environmental conditions, which is critical for safe drone operations. A fixed camera is also included to oversee the area surrounding the station, enhancing security, and allowing for real-time surveillance.

To maintain optimal internal temperature for the drone and its equipment, the Docking station is fitted with an **external air-conditioning system** to prevent overheating and ensuring ideal operating conditions, thereby prolonging Drone's lifespan and maintaining performance integrity during missions.

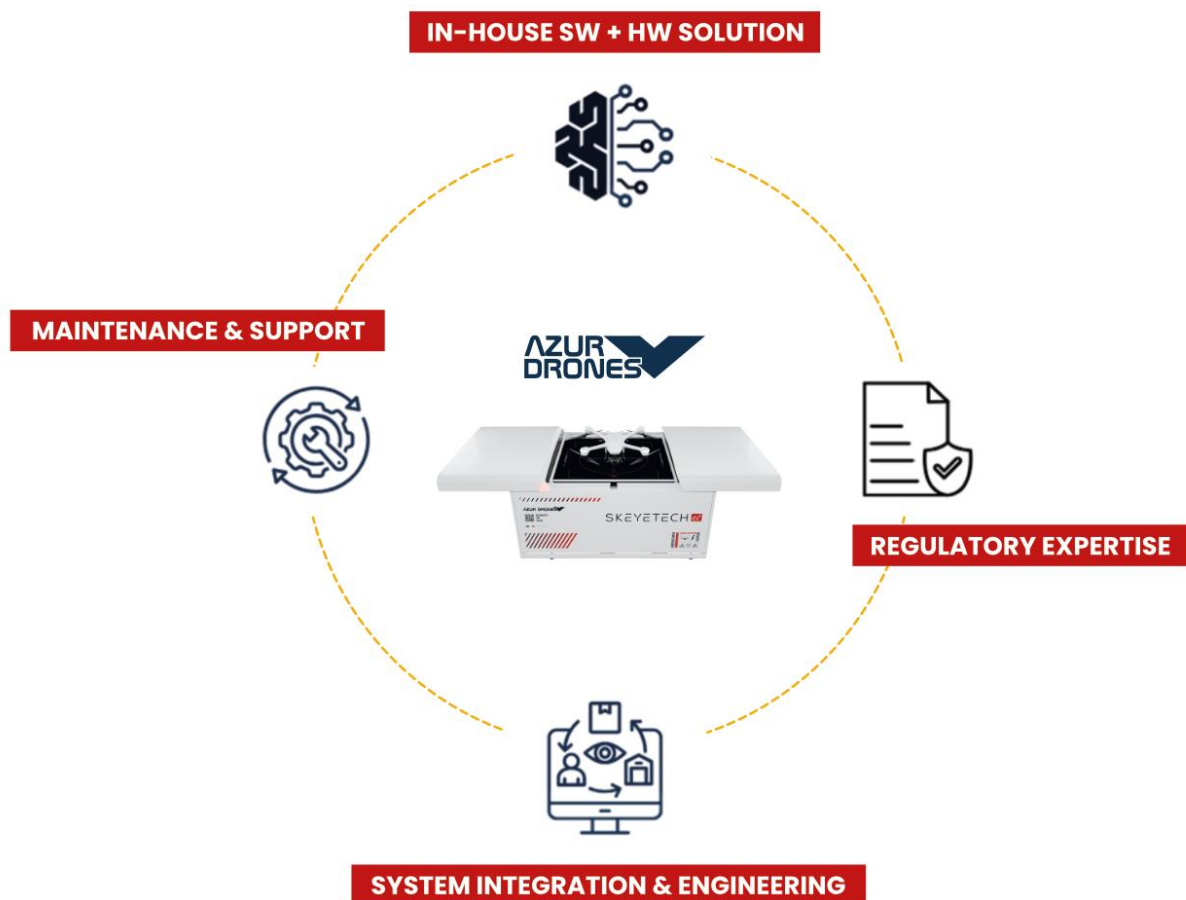
DOCKING STATION

Dimension Closed	220 x 220 x 146.5 cm
Dimension Open	380 x 220 x 146.5 cm
Weight	400Kg
Communication	Encrypted radio link AES 256 or 4G
Weather station	Anemometer, rain gauge, temperature





IN HOUSE STATE OF ART SOLUTION



SKEYETECH is entirely designed, built and tested in-house to the highest aeronautical standards.

From software to hardware, all R&D and system integration are mastered internally.

Our dedicated flight test site ensures continuous innovation and certification readiness.

Headquartered in Mérignac, Azur Drones also operates offices in Paris and Nantes.

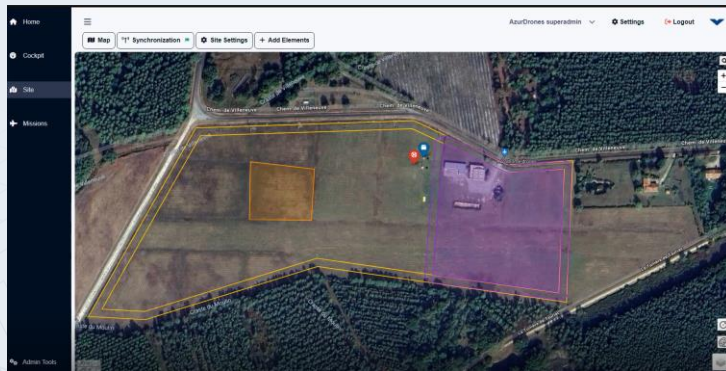
AZUR DRONES PRODUCES THE ENTIRE SKEYETECH SOLUTION IN-HOUSE

- > M&C SW DEVELOPMENT
- > ENGINEERING
- > DRONE / STATION WORKSHOP
- > SOLUTION VALIDATION
- > INTEGRATION
- > AFTER SALES

- > Developed by Azur Drones
- > Seamless, modular integration
- > Design to manage multiple drone systems
- > Built for future development integration

SYSTEM PARAMETERS & SUPERVISION

Display of flight parameters (battery, weather info)
Manual release of safety parachute
Access to logbook



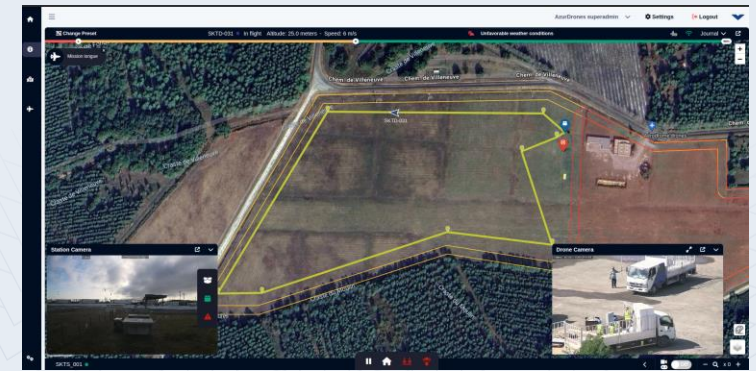
SITE EDITION

Manual takeoff/landing on demand
Mission triggering on alert
(VMS integration, sensors, etc.)
Real-time modification of current mission



MISSIONS EDITION

Definition of trajectories,
Setting up flying zones,
Camera orientation at each point

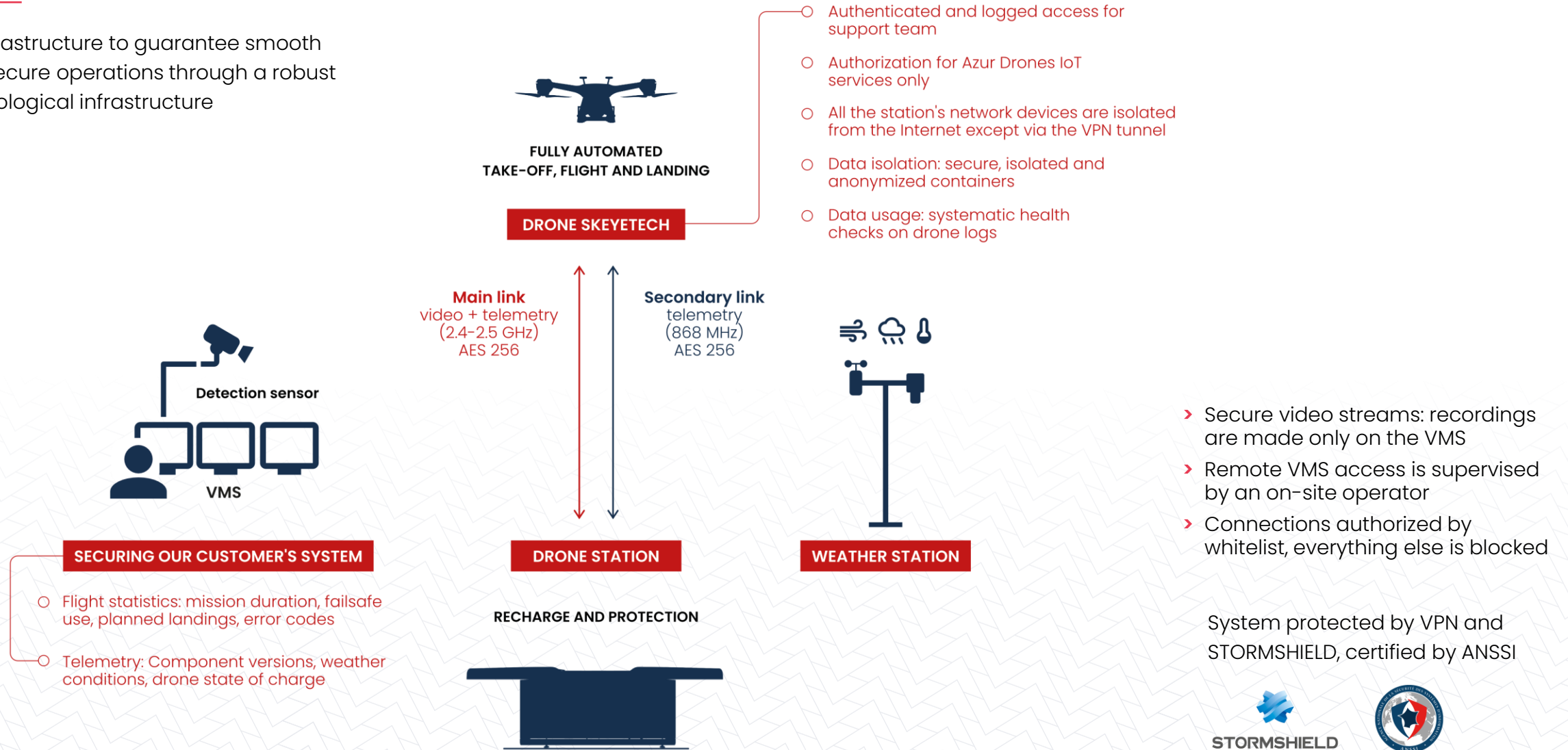


COCKPIT OVERVIEW

Change camera views
(thermal/optical/zoom/full screen)

SECURITY BY DESIGN

An infrastructure to guarantee smooth and secure operations through a robust technological infrastructure



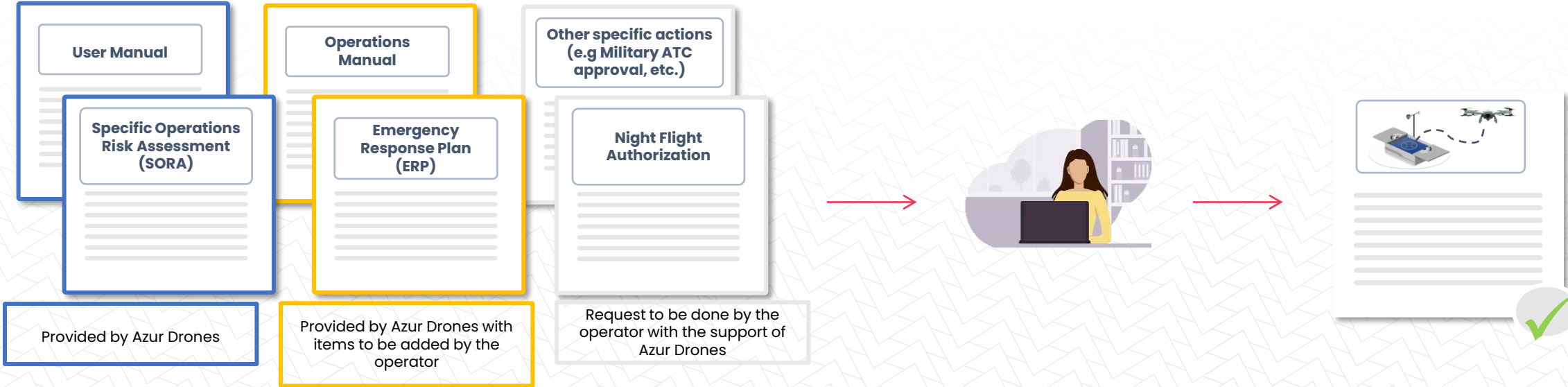


25+ SORA FLIGHT AUTHORIZATIONS APPROVED

Azur Drones Guidance and assistance during the complete lifecycle of the project.

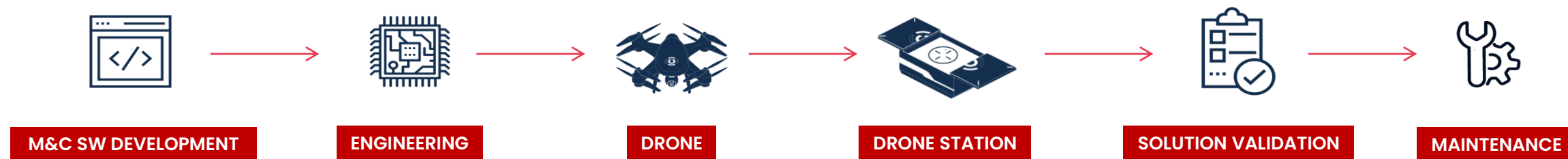
Operational Authorization

Application for the Operational Authorization & other regulatory matters are supported by Azur Drones



FROM INTEGRATOR TO SOLUTION PARTNER

Our expertises from design to maintenance



SAFETY & SECURITY

- > French engineering
- > Customization capabilities

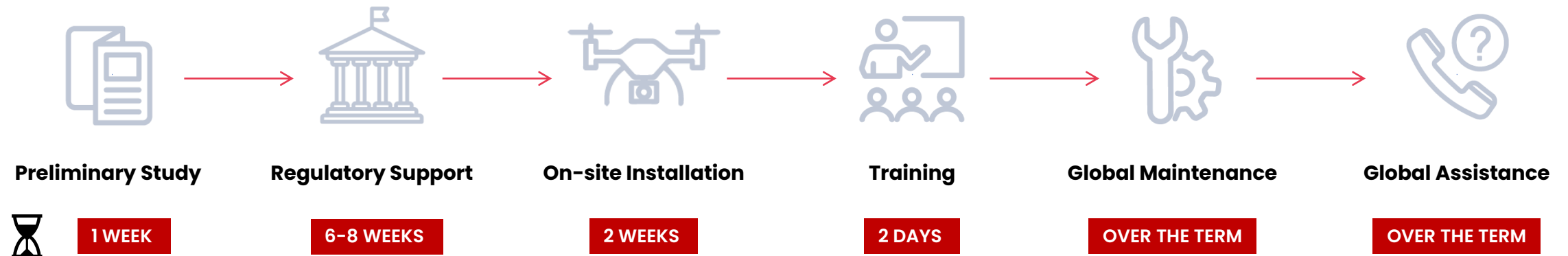
INTEGRATION

- > Alarm system
- > GPS
- > VMS Genetec / Milestone

MATURITY

- > >90% system availability
- > All environments
- > +60 000 autonomous flights

SOLUTION PROVIDER FROM PROJECT INITIATIVE TO IMPLEMENTATION



REGULATION

- > +25 SORA
- > Enhanced Containment Design Verification Report (DVR) approved by EASA

CLIENT PROXIMITY

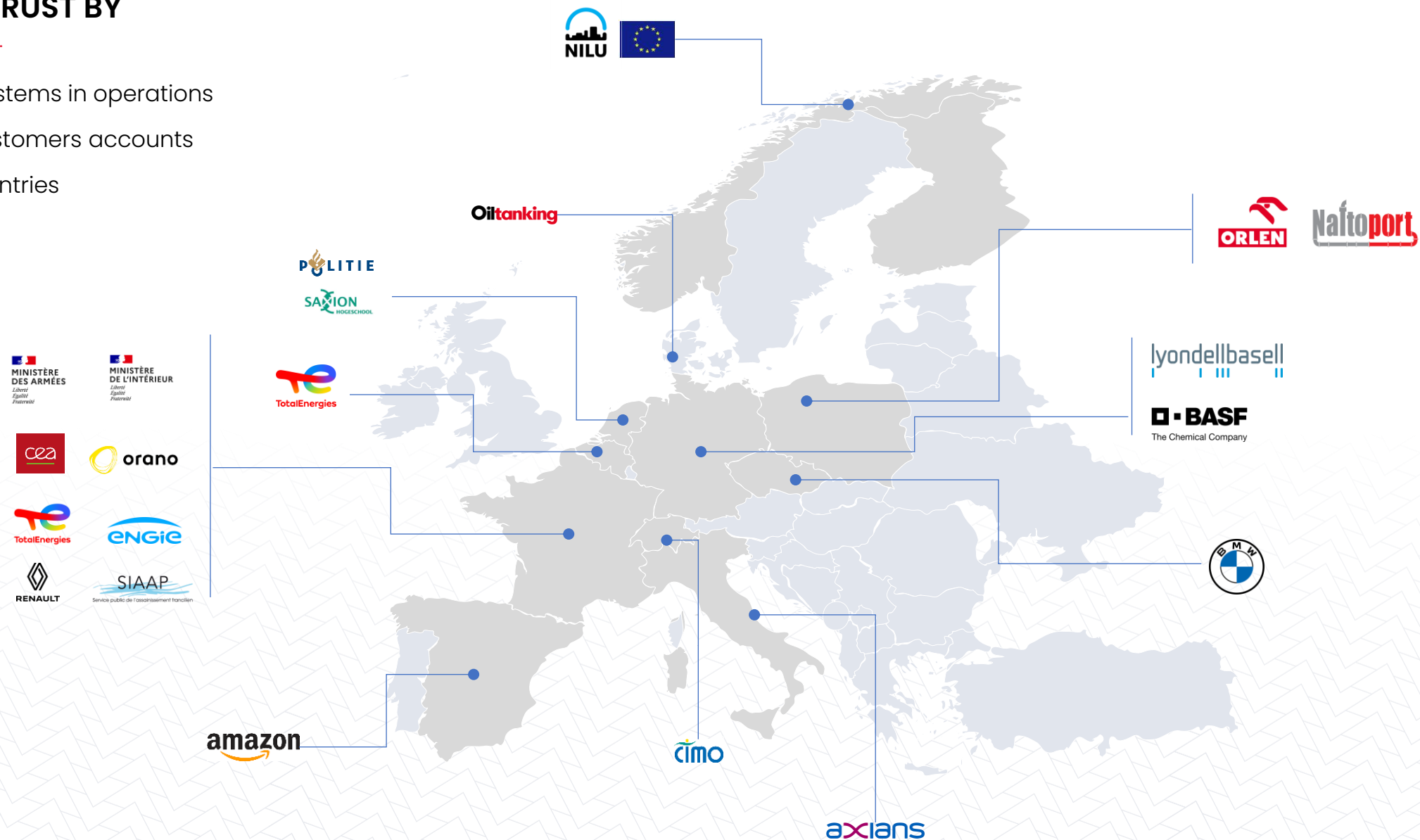
- > 7/7 support
- > Project Manager & dedicated sales

END USER PROXIMITY

- > 250+ trained operators

AZD TRUST BY

- + 26 systems in operations
- + 14 customers accounts
- + 11 countries



USE CASES



SERVING THE ENVIRONNEMENT PROTECTION: THE NILU PROGRAM

Drones for Good – Heading North for Climate Science!

Context

The NILU-MISO 2025–2026 program is a European research project led by the Norwegian Institute for Air Research (NILU).

Its goal: better understand greenhouse gas emissions caused by permafrost thawing in the Arctic – and help mitigate climate change.

Azur Drone's contribution

- › Integration of a high-precision gas sensor on the E2 autonomous drone
- › Real-time, near-surface gas measurements above thawing permafrost – data hard to get with traditional methods
- › Dedicated mission in Svalbard, summer 2025, in partnership with local researchers
- › Reliable, repeatable, safe data collection in extreme Arctic conditions

IMPACT

Advancing climate research and supporting the global scientific community to monitor and reduce greenhouse gas emissions.

<https://miso.wp2.nilu.no/2025/04/24/%F0%9F%8C%8D-drones-for-good-heading-north-for-climate-science>



PANDRONE.AI (2025–2026): AUTONOMOUS SECURITY FOR AIRPORTS

Enhancing airport security, boosting Skeyetech's advanced features

Context

ANDRONE.AI is a major French innovation program with a €6.3 million budget (including €3.7 million in public funding from France 2030 and the French National Research Agency). It brings together 17 partners — universities, startups, and airport operators — in the Bordeaux and Nouvelle-Aquitaine region.

Objective: Develop the first automated, modular solution for airport perimeter surveillance and critical infrastructure protection using autonomous drones and AI, addressing rising intrusions and regulatory complexity.

Azur Drone's contribution

- > Technological blocks tested at the CESA Drones Test Center, then integrated by OMNITECH SECURITY
- > 4 major airports (Bordeaux, EuroAirport Basel-Mulhouse-Freiburg, Nice Côte d'Azur, Lyon) directly involved in trials
- > Targeted commercialization by 2028

IMPACT

Strengthen airport security with an **autonomous, scalable solution**, positioning France as a leader in drone-based perimeter protection for critical infrastructures.

<https://www.unmannedairspace.info/counter-uas-systems-and-policies/pandrone-starts-to-develop-autonomous-drone-ai-based-airport-security-system>



BSPP & AZUR DRONES: AUTONOMOUS DRONE LIFESAVING ON THE SEINE

Deploying Skeyetech for civil protection and paving the way for urban drone regulation

Context

Every year, the **Paris Fire Brigade (BSPP)** carries out about **300 rescue missions** for people in distress on the Seine. To improve survival chances, BSPP and Azur Drones have launched an innovative project to support **urban water rescue operations** with autonomous drones.

Azur Drone's contribution

- › Skeyetech autonomous drone automatically flies to the scene, detects victims with AI-powered cameras, and drops a lifebuoy — without a pilot
- › First urban deployment worldwide of such a system
- › Provides real-time video to rescue teams, freeing them to focus fully on victim assistance
- › Tests future scenarios like defibrillator delivery to expand life-saving potential

IMPACT

A world-first solution that enhances **public safety**, cuts **response times**, and could help save **hundreds of lives** annually in Paris.

<https://www.azurdrones.com/a-world-first-for-victim-rescue-the-paris-fire-brigade-chooses-azur-drones-for-a-lifebuoy-experiment-in-the-river-seine/>
<https://www.youtube.com/watch?v=aYzyHVUtWbc>



SEAGUARD 2024–2027

Advancing autonomous maritime surveillance for European waters

Context

Azur Drones is part of **SEAGUARD**, a European project funded under Horizon Europe and coordinated by INESC TEC, focused on strengthening maritime border surveillance, incident assessment and search & rescue operations across European waters (EEZ). The project combines unmanned systems, advanced sensors and AI to deliver enhanced situational awareness and support faster decision-making at sea.

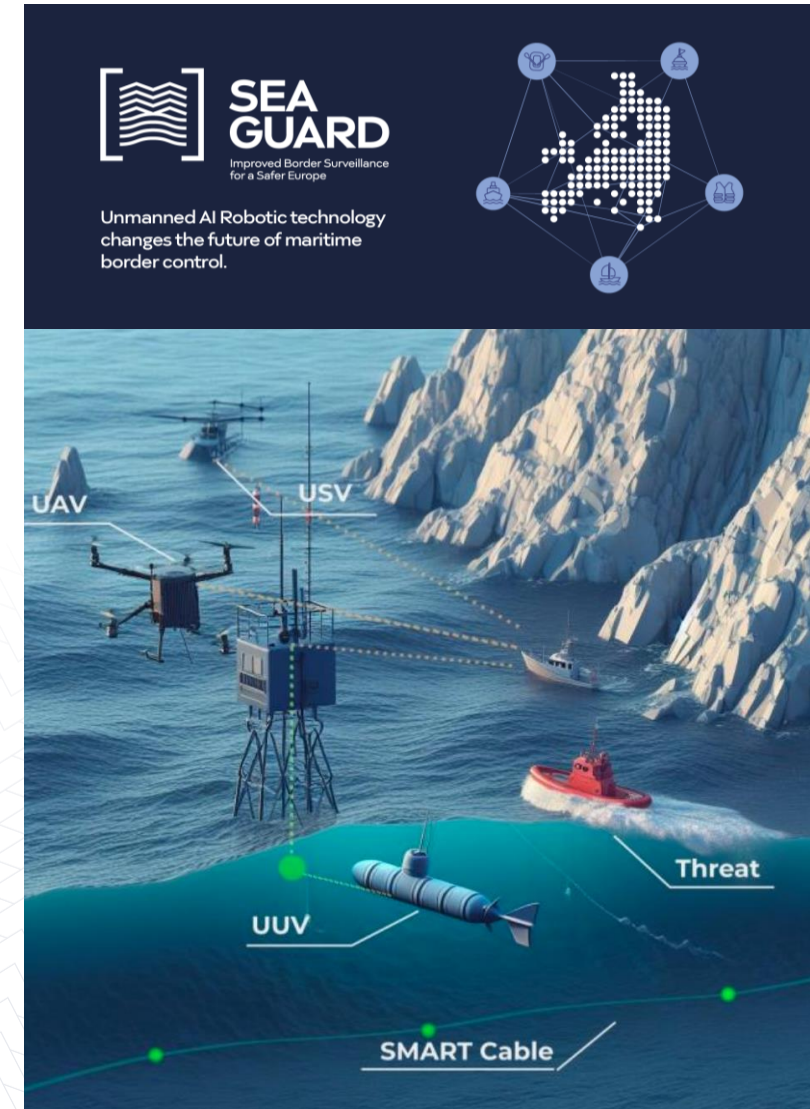
Azur Drone's contribution

- › Integration of **Skeyetech** with unmanned surface vessels (USV)
- › Enabling autonomous take-off, landing and recharging at sea
- › Ensuring robustness against wind, vessel motion and harsh offshore conditions
- › Supporting interoperability with partner systems and low-connectivity operations

IMPACT

Contribute to the development of next-generation European capabilities for maritime surveillance and coastal protection, enhancing operational efficiency in border control and search & rescue missions.

Demonstrate the feasibility of fully autonomous drone operations at sea, reinforcing **Europe's technological sovereignty** in unmanned and AI-driven security systems.



FRENCH NAVY 2025–2026

Adapting Skeyetech for naval missions and proving its performance at sea

Context

The French Navy (Marine Nationale) has partnered with Azur Drones on a technological co-development program to deploy autonomous drone systems at sea. The collaboration involves experimenting with the Skeyetech system onboard naval vessels, together with the Naval Air Innovation Center at Hyères Naval Air Base.

Objective: Adapt and validate the Skeyetech drone-in-a-box solution for maritime environments, enabling automated aerial surveillance, inspection, and real-time data collection directly from ships.

Azur Drone's contribution

- › Experimentation of Skeyetech for 24/7 operations without a remote pilot
- › Testing key shipborne drone capabilities
- › Enhanced situational awareness during patrols and operations
- › Rapid deployment for surveillance, threat detection, or search & rescue
- › Integration with naval command systems for seamless use at sea

IMPACT

Accelerate the adoption of **autonomous technologies** for naval operations, boosting the **French Navy's operational effectiveness** and demonstrating **Skeyetech's adaptability** to demanding maritime conditions.



CRITICAL INFRASTRUCTURE: TOTAL

Securing Industrial Excellence with Skeyetech

Context

TotalEnergies has formed a strategic partnership with Azur Drones to deploy autonomous drone-in-a-box solutions for the surveillance and inspection of its industrial sites worldwide. This collaboration reflects TotalEnergies' commitment to innovation, safety, and operational excellence.

Azur Drone's contribution

- › Integration of Skeyetech for continuous, automated site monitoring
- › Routine perimeter patrols and rapid aerial response in emergencies
- › Early anomaly detection to support industrial inspections and minimize operational downtime
- › Reduction of human exposure in hazardous environments through automation

IMPACT

- › Enhances operational efficiency and site security across TotalEnergies' facilities
- › Improves personnel safety while delivering cost savings and environmental benefits through precise, automated monitoring
- › Demonstrates TotalEnergies' leadership in adopting advanced digital technologies and reinforces Azur Drones' position as a trusted technology partner for the global energy sector

<https://www.dronewatch.eu/azur-drones-strengthens-its-collaboration-with-totalenergies>



AUTOMOTIVE INFRASTRUCTURE

Securing confidential sites with Skeyetech

Context

Our client operates a highly strategic automotive test center located in a region with challenging weather conditions. Already equipped with a fiber-optic perimeter intrusion detection system, the site sought to enhance its protection and responsiveness with an aerial surveillance solution reliable in all climates.

Azur Drone's contribution

- › Deployment of two Skeyetech autonomous drone systems for continuous, automated site monitoring
- › Rapid aerial response and verification upon perimeter alerts
- › Routine autonomous patrols ensuring comprehensive site coverage
- › Over 2,000 km flown representing several flights per day, demonstrating robust performance in harsh climatic environments

IMPACT

- › Enhances operational efficiency and site security across the test center
- › Saves time and operational costs by automating surveillance and alarm verification
- › Improves safety and reliability even under adverse weather conditions
- › Demonstrates BMW's leadership in adopting innovative security technologies for critical industrial assets



BASF – CHEMICAL SITE

Securing large industrial site with Skeyetech

Context

BASF operates the world's largest integrated chemical complex in Ludwigshafen, covering more than 1,000 hectares. Safety is a major concern given the size of the site, the nature of its activities, and the regulatory requirements associated with the petrochemical industry. BASF has been a trusted Azur Drones customer since 2021.

Azur Drone's contribution

- › Deployment of Skeyetech for automated site surveillance
- › Round-the-clock monitoring and rapid response to incidents
- › Fully integrated into BASF's security system for seamless operations

IMPACT

- › Significant enhancement of security at one of Europe's largest industrial sites
- › Increased responsiveness of security teams thanks to real-time aerial surveillance
- › Proof of operational maturity for daily use at a critical site for over three years



[Watch BASF testimonial](#)

ORANO – NUCLEAR SITE : HISTORICAL CLIENT (SINCE 2020)

Securing, Inspecting, and Responding on a Nuclear Facility with Skeyetech

Context

ORANO, client with a major nuclear processing site has relied on Azur Drones since 2020 to enhance security and operational resilience through autonomous drone technology. The solution addresses stringent safety requirements and supports both routine and emergency scenarios.

Azur Drone's contribution

- › Integration of Skeyetech for surveillance, infrastructure inspection, and crisis management
- › Dual operational maps: inspection map within cadastral limits (SORA) and crisis map managed by the Prefecture
- › Altitude control for vertical stationary movement, enabling chimney inspections
- › DIZI radiation sensor on the drone for real-time radiological monitoring
- › Integration of a second Skeyetech system dedicated to crisis management to complement the current system

IMPACT

- › Strengthens nuclear site security and emergency preparedness
- › Reduces human exposure in hazardous environments
- › Real-time visual and radiological monitoring





PROCESS OVERVIEW

