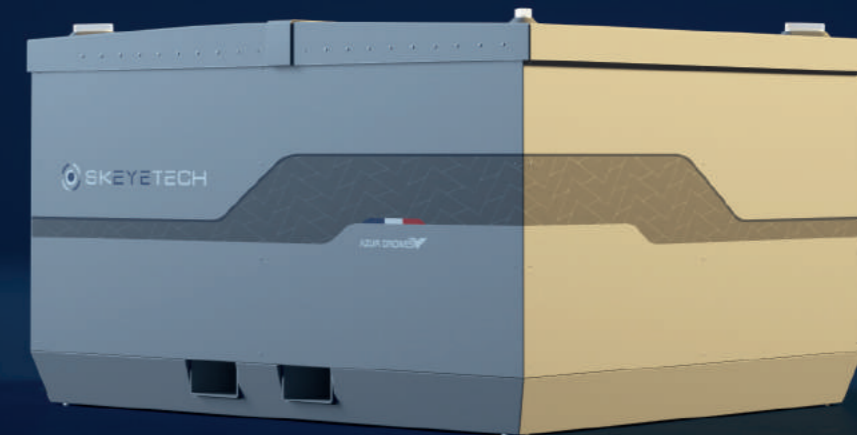# AZUR DRONES

SKEYETECH

AUTONOMOUS DRONE
FOR VIDEO SURVEILLANCE

AZUR DRONES

La FRENCH TECH

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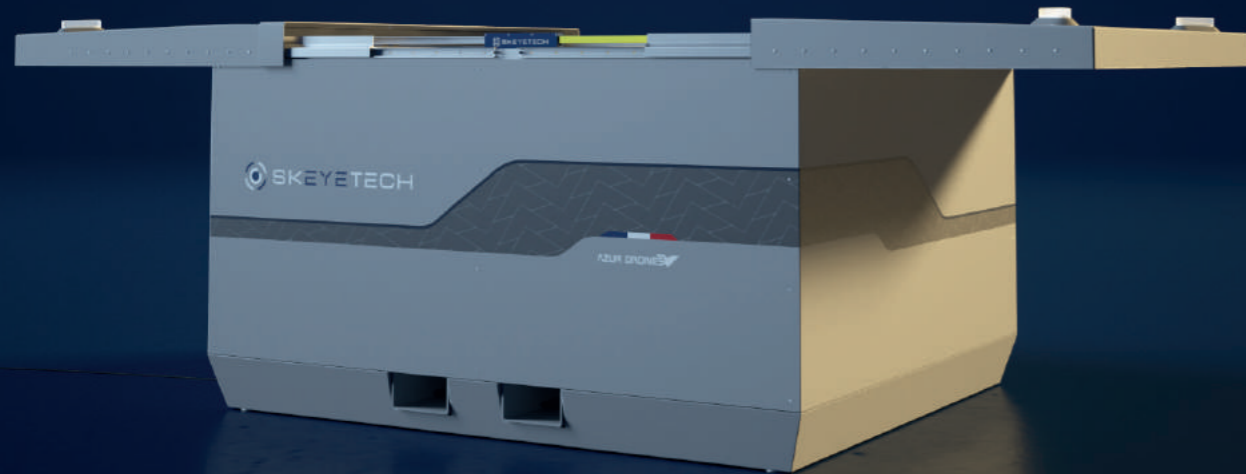2 RUE VERT CASTEL
33700 MÉRIGNAC, FRANCE

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JEAN-MARC CRÉPIN
Azur Drones Chief Executive Officer

SKEYETECH

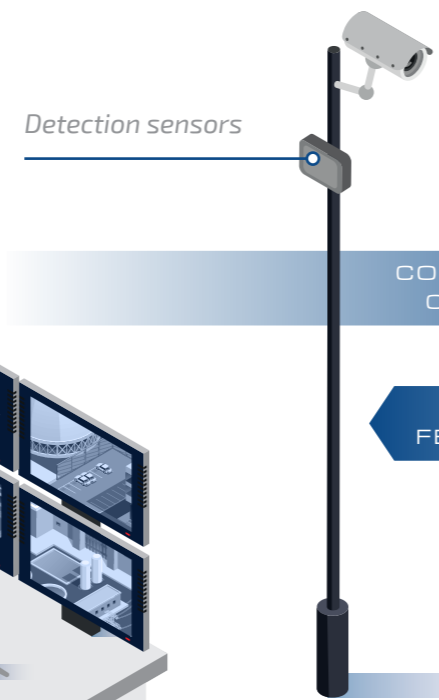**European leader** in surveillance UAVs, Azur Drones has developed a **drone-in-a-box solution** for **safety and security applications**, even in the most sensitive and complex environments.

WELCOME
TO THE AGE OF AUTONOMOUS DRONE

SKEYETECH system is the **first autonomous drone in Europe approved by authorities.** It can carry out patrols, reconnaissance flights or assist in crisis situations **24/7.**

24/7 OPERATIONAL
NO REMOTE PILOT

SMART DRONE
FULLY AUTOMATED TAKE-OFF, FLIGHT AND LANDING

Weather station

Detection sensors

Video Management System

CONTROL AND COMMAND

VIDEO FEEDBACKS

Flight under the **rain** *(IP 43)* *&* **wind** *(up to 50 km/h)*

25 min *endurance*

14 m/s *maximum flight speed*

HD optical sensor
720p - x20 zoom
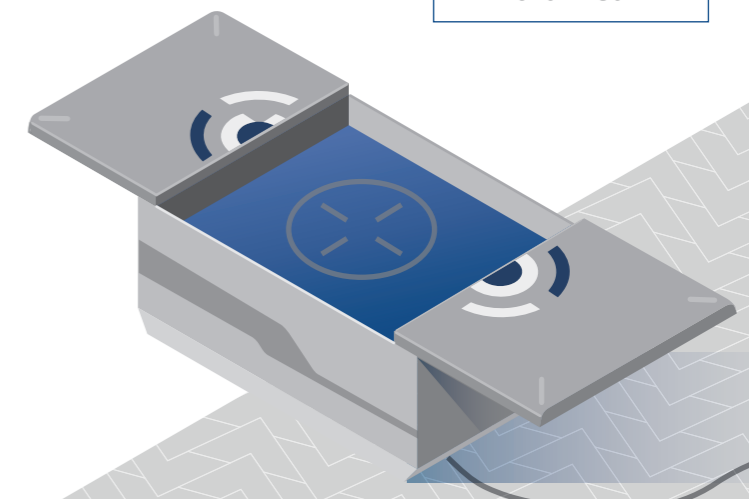
Thermal camera
640 x 480

DRONE BOX
RECHARGING AND PROTECTION

Drone deployment in **30 sec**

Resistant to extreme weather (IP 65)

Automatic recharging

SECURITY SYSTEM

SKEYETECH SYSTEM

A **CUTTING-EDGE TECHNOLOGY**
FOR HIGH-SECURITY AREAS

SKEYETECH drone-in-a-box system offers **accurate and mobile aerial surveillance** to **protect sensitive sites,** day and night.
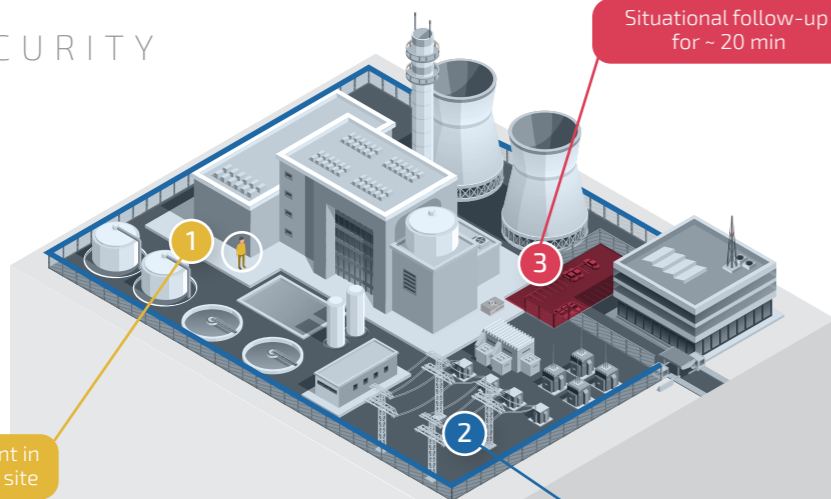
Applications: oil and gas facilities, nuclear plants, port terminals, storage or production sites, etc.

SUPPORT FOR CRISIS MANAGEMENT

- Aerial vision during intervention
- Situational crisis follow-up

SECURITY

SAFETY

Situational follow-up for ~ 20 min

On-scene assessment in <1min30 on a 100 ha site

7 km patrol in 25 min

QUICK SITUATIONAL ASSESSMENTS AND RESPONSES TO INCIDENTS

- Arrival on the spot at 50 km/h
- Mobile observation, no blind spots
- Less exposure risks for staff
- Deterrent effect

EFFICIENT SECURITY PATROLS

- 4 times faster than human patrols
- Higher vision capabilities

SENSORS
PERFORMANCE

AT AN ALTITUDE OF 30 M

DETECTION

- Human detection at **600 m** with optical sensor
- Thermal sensor for optimized day and night detection

SURVEILLANCE

- Site surveillance up to **200 m** wide
- **360°** mobile field of view

RECONNAISSANCE

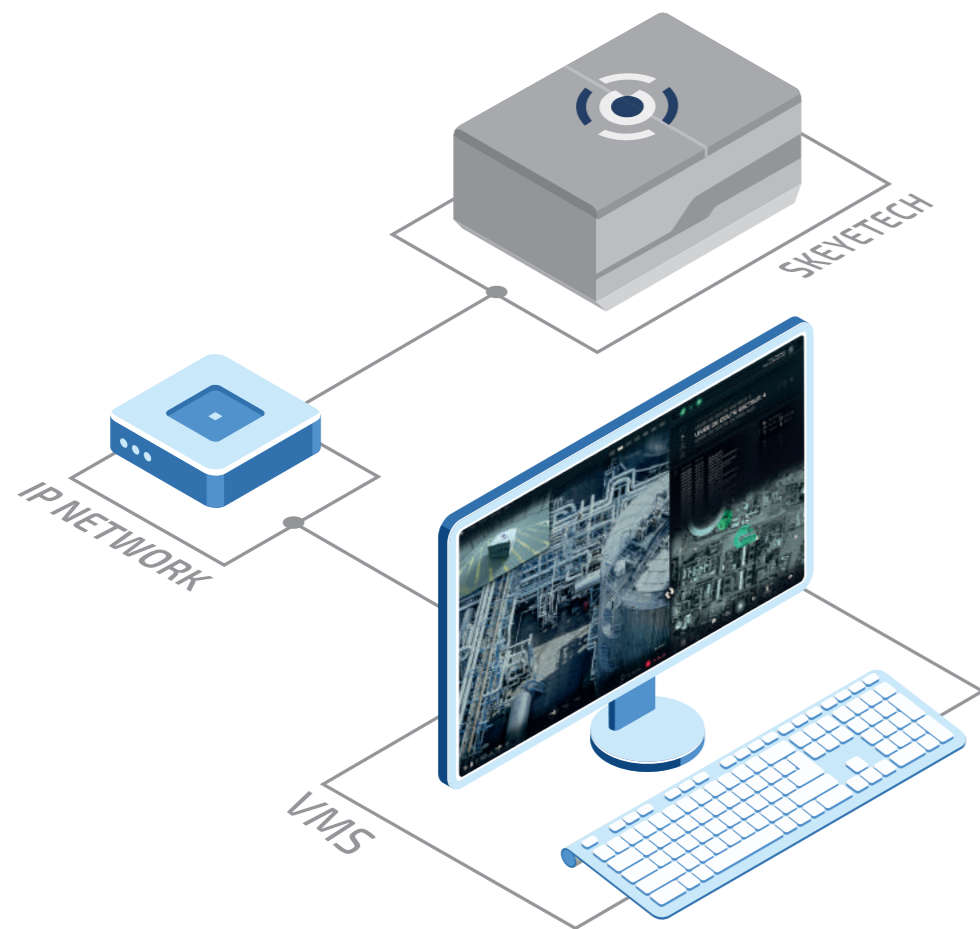- Human reconnaissance at **200 m**

IDENTIFICATION

- Face identification at **50 m**
- Licence plate reading up to **150 m**

A SIMPLE **CONTROL INTERFACE**
FOR SECURITY TEAMS

SKEYETECH system is connected to security networks like any IP camera. Security teams **can follow and control drone missions** directly from the Video Management System (VMS).

SKEYETECH

IP NETWORK

VMS

SIMPLIFIED FUNCTIONS

Launch of automatic missions (patrols)

▼

Triggering missions on alerts

▼

Real-time video feedbacks

▼

Camera control (joystick or clic)

▼

Clic & Go* navigation

FULLY INTEGRATED

Genetec™

milestone

* According to national regulations

FIRST **APPROVED SYSTEM**
FOR AUTONOMOUS FLIGHTS IN EUROPE

Forerunner of drone-in-a-box technology, Azur Drones takes part in drone regulation evolution by working with civil aviation authorities to seek approval for autonomous flights in the world.

In February 2019, the company received **the first and only DGAC (French authorities) approval for its automated system**. SKEYETECH drones can fly over private areas, Beyond Visual Line Of Sight (BVLOS), day or night, in urban areas, under the simple supervision of a remote operator.

With this unique approval, the system **can be directly operated by a security guard with no pilot license.**

3 REASONS TO CHOOSE SKEYETECH

HIGHEST SAFETY LEVEL

1

FLIGHT SAFETY

Triple redundancy of vital equipments
Anti-jamming device
Latest-generation geo-caging system

MEN SAFETY

Pyrotechnic recovery system
Rally points
Prior risk-analysis assessment

DATA SAFETY

Encrypted communication between
the drone and its docking station
No native storage

HIGH QUALITY PRODUCT

2

Our multidisciplinary teams have been working for **more than 4 years** on the drone-in-a-box technology. SKEYETECH is **designed and produced** in our premises in France and meets the **highest quality standards.**

A COMPLETE SERVICE

3

PRELIMINARY STUDY → TEAM TRAINING → ON-SITE INSTALLATION → GLOBAL MAINTENANCE AGREEMENT → TECHNICAL AND OPERATIONAL ASSISTANCE

AWARDS

2018
TOP 10 GLOBAL DRONE-IN-A-BOX PLAYERS
FROST & SULLIVAN

2017
"UNMANNED SYSTEM" INNOVATION AWARD
ISNR
INTERNATIONAL EXHIBITION FOR NATIONAL SECURITY & RESILIENCE

2017
INDUSTRY OF FUTURE AWARD
INDUSTRIE DU FUTUR

2017
SPECIAL JURY PRICE
PARIS REGION IoT PHOTONICS

2017
TOP 100 STARTUP TO INVEST
Challenges

2017
INNOVATION AWARD
SECURITY SAFETY MEETINGS AWARDS

2016
DRONE CHALLENGE WINNER
VIVA TECHNOLOGY