AZUR DRONES

FRONTEX

EUROPEAN BORDER AND COAST GUARD AGENCY

INDUSTRY DAYS - 06.09.2023

Bridging the gap between RPAS, autonomous technology and current border security challenges

WE ARE

LEADER IN EUROPE AND THE MIDDLE EAST FOR AUTOMATED DRONE-IN-A-BOX

65+ EMPLOYEES

45M€ FUNDRAISING FRENCH PRIVATE INVESTOR

4 OFFICES BORDEAUX – PARIS – NANTES - DUBAÏ

MADE IN **FRANCE**

4 YEARS FIELD EXPERIENCE OF AUTOMATED DRONE SERVICES

DEPLOYED SINCE
2019

250
OPERATORS

25,000+
BVLOS FLIGHTS

AZUR DRONES

OUR TECHNOLOGY

SKEYETECH e2: SPECIFICATIONS/ THE DRONE

SMART AND AUTOMATED

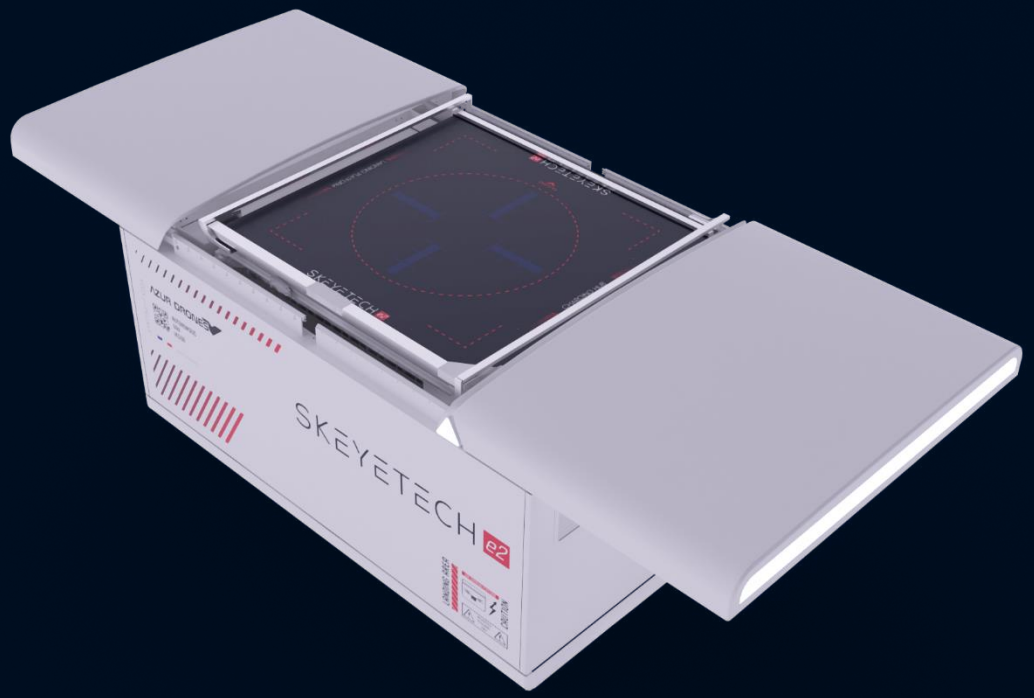
- Automatic take-off and landing
- Powered by AI
- Real-time trajectory calculation
- Predictive maintenance

HIGHEST SAFETY FEATURES

- Electronical & engines redundancy
- Recovery parachute
- Anti-jamming technology
- Geo-caging system

27 min	10 kg	50 km/h	50 km/h	7 mm/h
FLIGHT TIME	WEIGHT	GROUND SPEED	WIND RESISTANCE	RAIN RESISTANCE

SKEYETECH e2: SPECIFICATIONS/ THE THE DOCKING STATION



FULLY AUTOMATIC

- Quick deployment
- Automatic smart charging

WEATHERPROOF

Tested in all kind of environments:
- Extreme temperatures
- Saline environments
- Sandy environments...

30 s	<1x FLIGHT TIME	IP 65	-10°/ +55°C	RF AES256 / 4G-5G / LTE
DEPLOYMENT	CHARGING*	PROTECTION	TEMPERATURE	TRANSMISSION LINK

*Currently in development

SKEYETECH: DEPLOYED IN COMPLEX ENVIRONMENTS

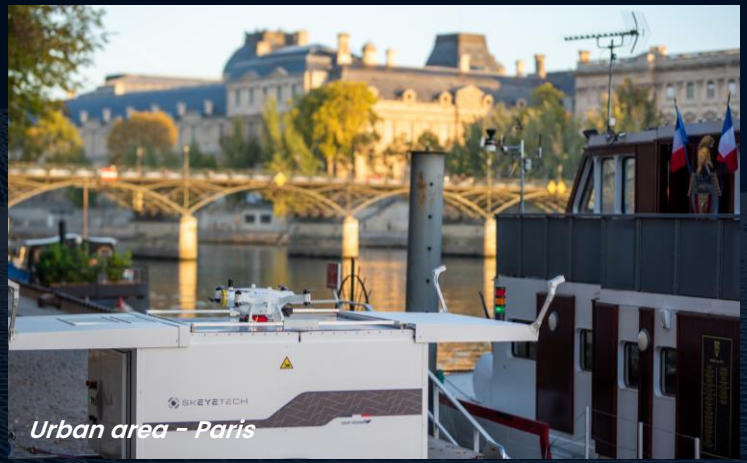
Desert - Saudi Arabia, Dubai

High altitudes - New Caledonia, Argentina

Floating station - Dubai

Magnetic disturbances - France

Seashore – France, Danemark


Urban area - Paris

WE PROVIDE A TURNKEY SOLUTION

PRELIMINARY STUDY

Checking the installation site

REGULATORY SUPPORT

Assist customer in obtaining flight authorization

TRAINING

Training of your team to operate our solution

ON-SITE INSTALLATION

Setup of the docking station, weather station and telecom network

GLOBAL MAINTENANCE

On-site maintenance if needed

TECHNICAL & OPERATIONA ASSISTANCE

Technical support available to operate remotely

AZUR DRONES

ALREADY PROVEN USE CASES

SAFETY & SECURITY OF CRITICAL INFRASTRUCTURES

AUTOMATIC SECURITY PATROLS

INTRUSION DETECTION

DAY & NIGHT OPERATION

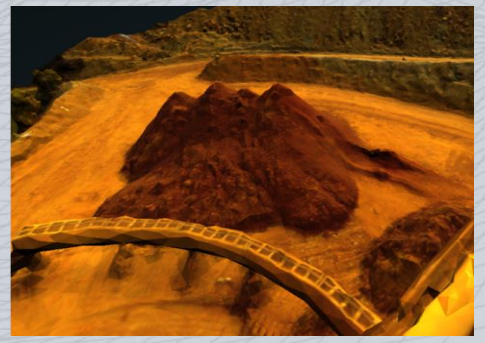
VEHICLE IDENTIFICATION

OTHER USE CASES

SKEYETECH e2 : A MULTI-APPLICATION SOLUTION

INSPECTION OF INFRASTRUCTURES

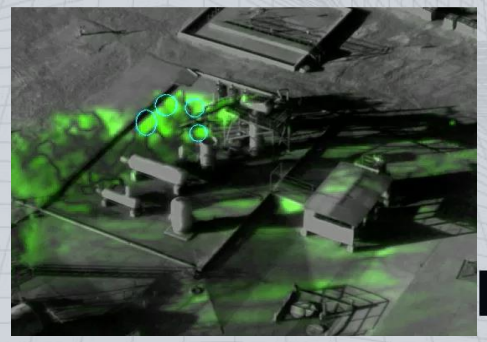
CONVEYOR BELT



3D PILE INSPECTION

ENVIRONMENTAL MONITORING

3D MAPPING OF GAZ AND AIR POLLUTANTS AT INDUSTRIAL SITE



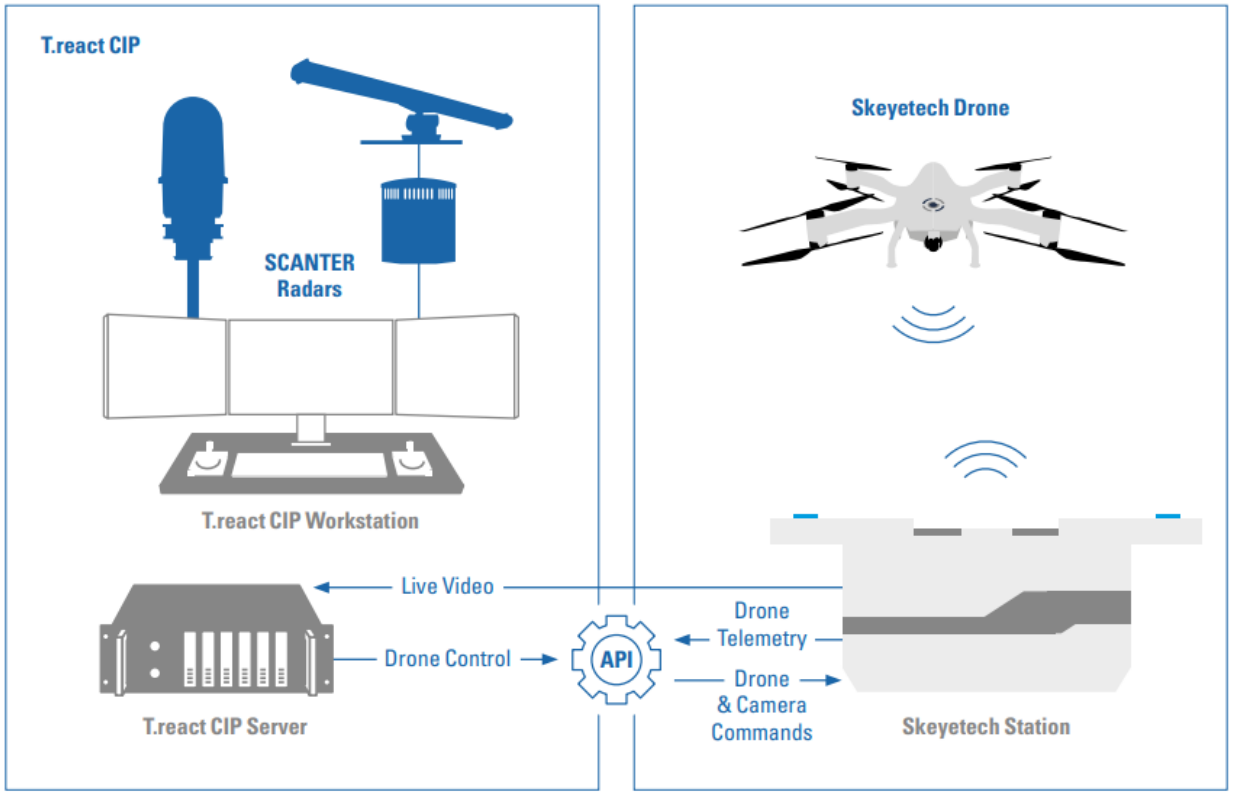
DETECTION OF HYDROCARBON GAS LEAKS
→ *THERMAL OGI CAMERA*

PH

GROUND SCANNING & MONITORING

3D MAPPING

PARTNERSHIPS WITH EXPERTS IN BORDER SURVEILLANCE



TERMA

ALLIES IN INNOVATION

Key Highlights

- Trigger missions towards specific areas, in response to perimeter alarms from sensors like radars fence sensors or camera analytics events
- Follow intruders both inside and outside the perimeter*
- Follow the drone's position on the Picture of Activity map
- Guide the drone to a point of interest (click & go navigation*)
- Pause a mission to manually control the drone's camera with a joystick
- Switch between camera modes
- Activate the playback mode to review past events,
- Check real-time weather conditions and the drone's telemetry
- Open the station for maintenance
- Launch surveillance tours on the basis of preconfigured missions

* According to national regubtions

Q&A

AZUR DRONES

CONTACT

[redacted]

www.azurdrones.com