

Drone Evolution



powered by **PELIXAR**

ADVANCED DRONE SOLUTIONS

Unia Europejska
Europejski Fundusz
Rozwoju Regionalnego



Agencja Rozwoju
Pomorza S.A.

 **PARP**
Grupa PFR

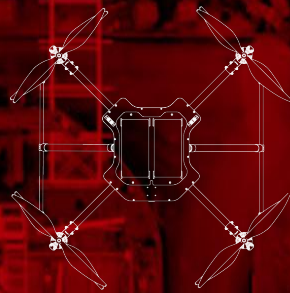
 **Scale Up**

 **PAIH**
Grupa PFR



CENTRALNOEUREPEJSKI
DEMONSTRATOR DRONÓW

 **erasmus**+



DroneHouse

Dedicated Aerial Robotic Solutions



PELIXAR
ADVANCED DRONE SOLUTIONS

Developed in Software House manner for clients (Hardware & Software)

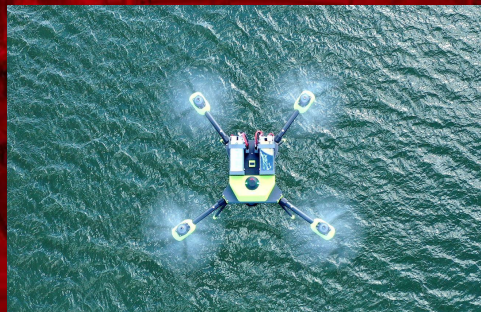
- Polish military
- Public Safety Institutions
- Lifeguards
- SeaPorts
- Environmental Protection Institutions
- Measurement and Technical Inspection Companies

PELIXAR
ADVANCED DRONE SOLUTIONS





Multifunctional MRe X8 Platform



Applications

- **Aerial Surveillance Monitoring:**
 - PREVENTION PATROLS
 - INTERVENTION PATROLS
- **Aerial Environment Monitoring**
 - PERIODIC MEASUREMENTS
 - EVENT MEASUREMENTS
- **Aerial Technical Monitoring**
 - PERIODIC INSPECTIONS
 - ONGOING INSPECTIONS

Aerial Surveillance Monitoring - modules

- Observation module – RGB zoom + Thermal + Lidar
- Dual - Communication module (Speaker and Microphone)
- Cargo module
- Towing module
- Module of interception of other drones



Aerial Environment Monitoring - modules

- Air pollution and contamination module
- Water pollution and contamination module
- Module for dropping contamination neutralizer

PELI X AR
ADVANCED DRONE SOLUTIONS



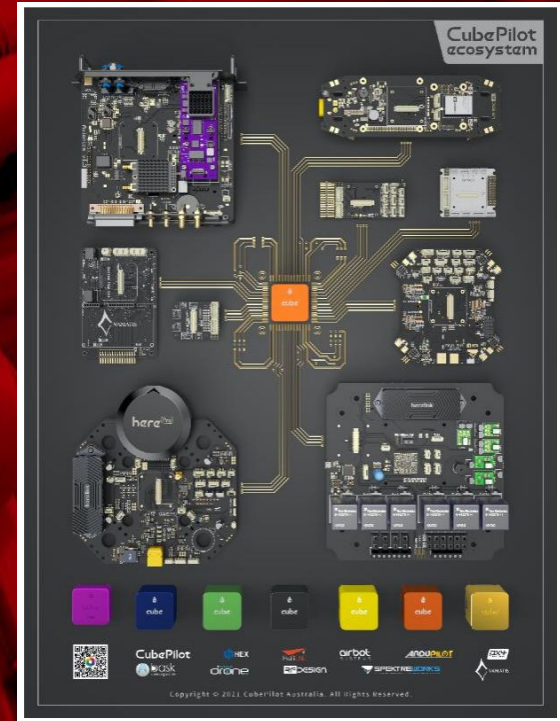
Aerial Technical Monitoring - modules

- Module for the measurement of the selected air component
- Technical documentation of failures and damages
- Assets monitoring
- Infrastructure monitoring



Competitive Advantages

- Stability of avionics confirmed by customers experience
- Advanced autonomic missions
- NO “No Fly Zones”
- Resistance to Anti-drone Systems
- Modular construction
- Increased damage resistance



Ground control module available



Hangar module available





Potential Benefits – in general



- **Resource saving: personnel and equipment**
- **Efficiency increase: speed and accuracy**
- **Safety increase: personnel and infrastructure**
- **Crisis situations and malfunctions: better management**
- **freedom of verification : places with difficult access (mud, ice)**
- **Access security : contaminated sites or areas**
- **Supervision Mobility: easy drone transportation**



Potential Benefits - in detail



Time saving:

- Quick delivery of the sensor / detector to the measurement sites
- Quick reaction to an event
- Faster execution of tasks and shorter downtime of technical infrastructure
- Freedom to reach places that are difficult to reach or with limited access

Saving resources

- No need for deployment / installation of high-rise constructions
- No need to call a team with working at height permissions
- Less involvement of people (operators, surveyors, inspectors)

Increased security:

- Faster identification and classification of threats
- Increased safety of technical personel
- Ability to perform surveillance or technical inspection at any time

Solutions – types of specifications



RTW

Ready to Work

Drones are ready to use immediately after delivery.



ETM

Easy to Modify

Drones are ready to modify with evolving system. Modular construction allows for constant technical updating and modification of purchased products.



ETS

Easy to Service

Drones easy to maintenance, servicing and technical inspections easy and possible to perform without losing of warranty.



HDC

Heavy Durable Components

High durability of construction and components makes our drones resistant to harsh working conditions and unfavourable weather.

Drone Evolution



**Sztormy
Pomorza
Debiut Roku 2018**



**Pomorski Gryf
Gospodarczy
2019**



**Top.100 StartUp
Najlepszy
StartUp Roku**



**Najlepszy StartUp
III Kongres
Wizja Rozwoju**



**Top 10
Startupów
2020 roku**

powered by **PELIAR**

ADVANCED DRONE SOLUTIONS

Unia Europejska
Europejski Fundusz
Rozwoju Regionalnego



Agencja Rozwoju
Pomorza S.A.

PARP
Grupa PFR

Scale Up

PAIH
Grupa PFR

**CENTRALNOEUROPEJSKI
DEMONSTRATOR DRONÓW**

erasmus+

PELIXAR

ADVANCED DRONE SOLUTIONS



CEO - Marcin Swystun
martinez@pelixar.com
mob. +48 502 497 431



COO - Sebastian Nowicki
sebastian@pelixar.com
mob. +48 501 120 906



CTO - Mariusz Pułaski
mariusz@pelixar.com
mob. +48 504 269 809

BIURO: mob. +48 576 915 522 company@pelixar.com

→ **Make sure to familiarize Yourself with our offer**