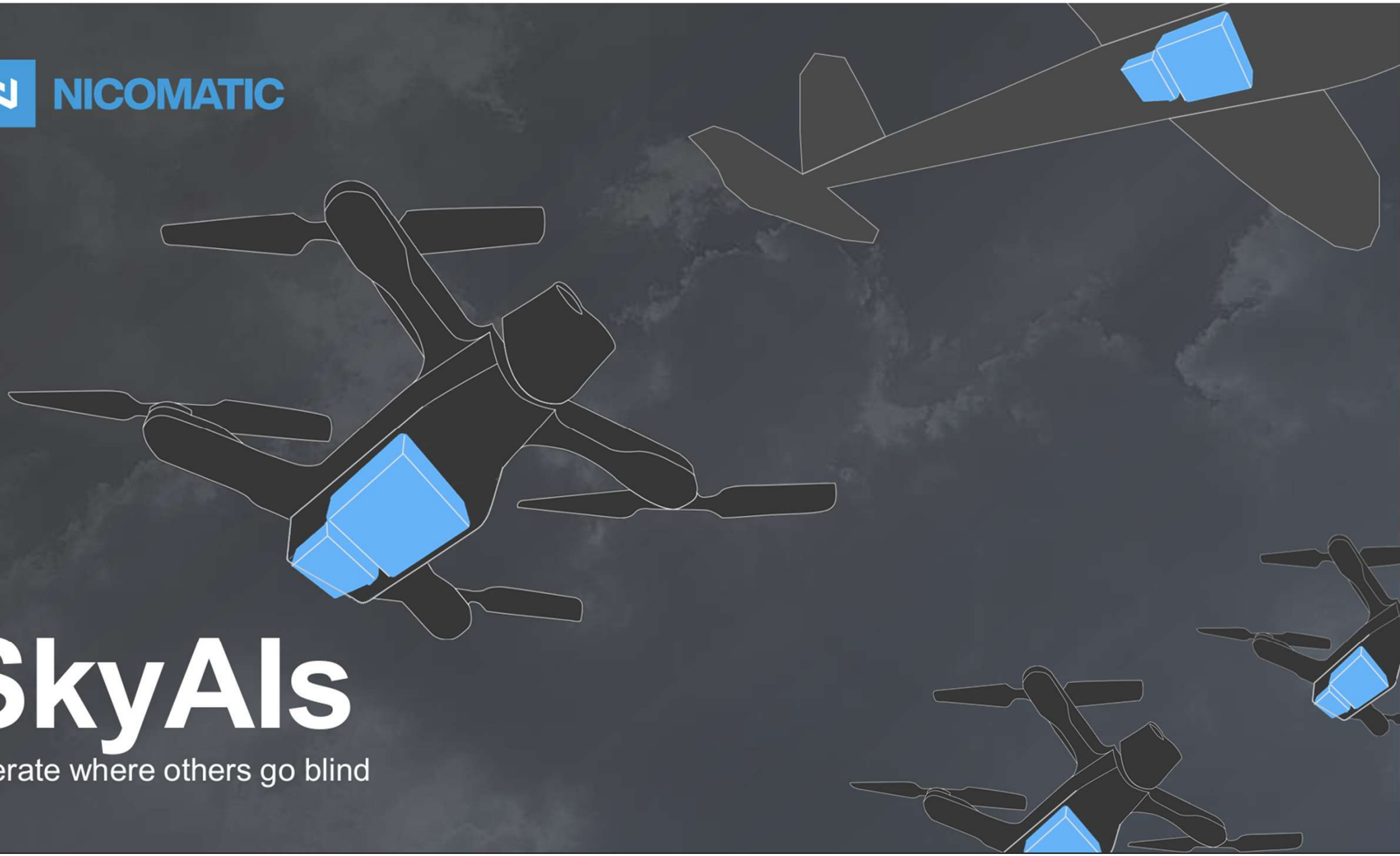




SkyAIs

Operate where others go blind



Autonomous navigation, perception, action and coordination in GNSS-denied and RF-contested environments.



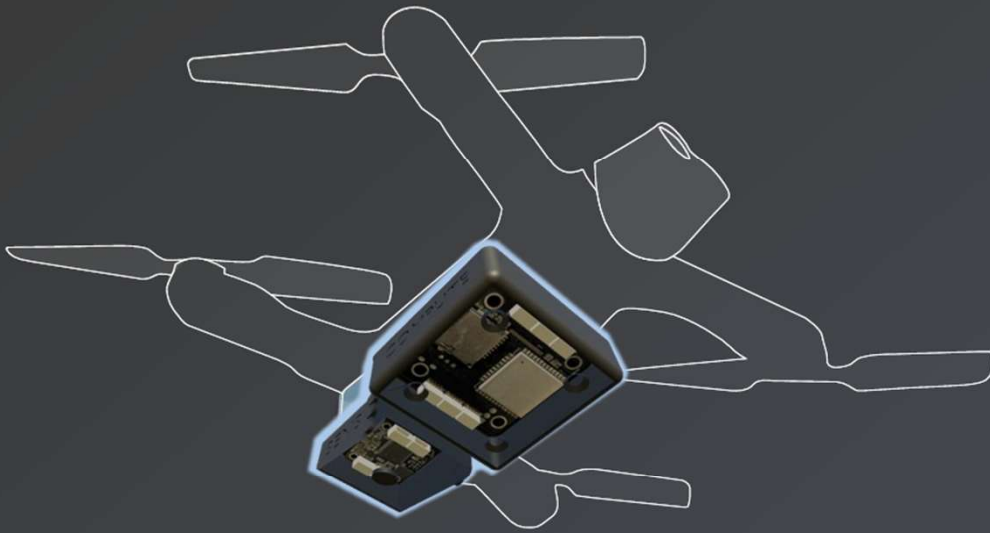
SkyAls is an **onboard autonomy module** combining visual, acoustic and inertial sensing to enable resilient UAV operations with minimal human supervision.

4 core capabilities

NAV • SENS • ACT • COORD



Designed for GNSS-denied and radio-contested environments



ZERO-SHOT LEARNING

Our AI does not
require prior training

RESILIENT
Multi-sensor fusion
ensures continuity of
operations

SOVEREIGN
European technology

LIGHTWEIGHT
Designed for all
tactical UAV platforms

MODULAR
Capabilities can be
deployed independently or
as a complete suite

OPEN
Compatible with existing
UAV platforms and
architectures



NICOMAT

SkyAls System

SkyAls Ground Emitter

- Single acoustic source for guidance and communication
- Multiple acoustic sources for localization through triangulation
- Frequencies from infrasound to ultrasound, depending on operational requirements



SkyAls Onboard Module

- AI processing module and electronic board
- Acoustic transmitter and receiver, camera and onboard sensors
- Compatible with multirotor and fixed-wing UAVs



Core Capabilities

SkyAls **NAV**

Resilient Navigation
GNSS-denied and RF-constrained
operations

SkyAls **ACT**

Autonomous Actions

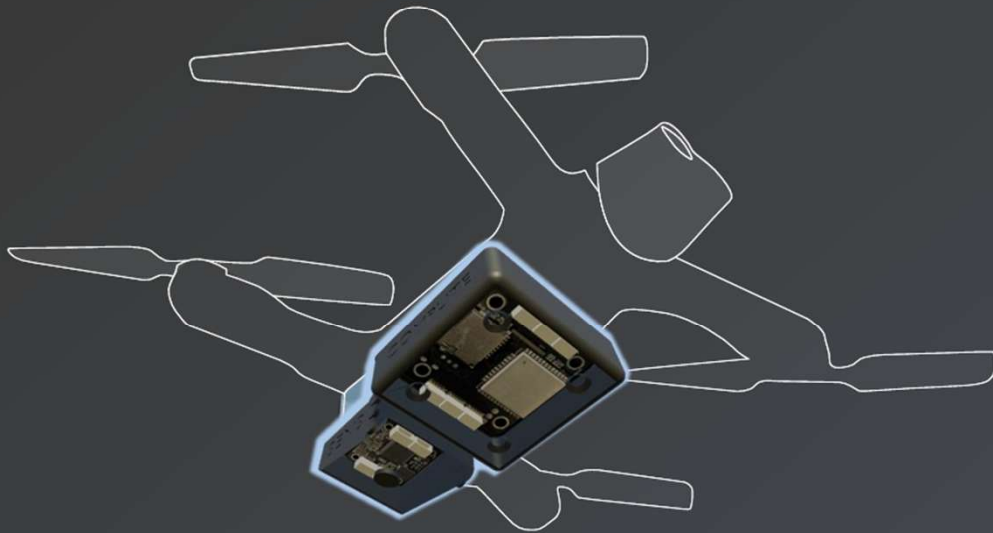
SkyAls **SENS**

Autonomous Perception
Visual and Acoustic Situational Awareness

SkyAls **COORD**

Autonomous Coordination

Contact Us



Set a TEAMS Meeting
With us to Learn More and
Get a Free Demo!

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