



INTEGRATED COUNTER-DRONE (C-UAS) SOLUTION



- ✓ **Highly automated solution**, limited operator workload
- ✓ **Outstanding performances** thanks to data fusion and AI
- ✓ **Open and modular** architecture widely interoperable (Sapient, L16...)
- ✓ Easily **deployable and configurable**
- ✓ **Suitable** for various environments, including urban & maritime
- ✓ **Intuitive HMI**, operator friendly, praised by its users for its ease of use
- ✓ **2D/3D Digital Twins**, for mission preparation, operational use and replay of use

- ✓ **Fixed sites protection** : official & military sites, critical infrastructures
- ✓ **Events & Temporary protection** : Sport, Summit, VIP event
- ✓ Convoy **protection** and mobile configuration embedded on board of armored vehicles or ships

- ✔ **SAPIENT and L16 compatible, participation to NATO TIE exercises since 2021**
- ✔ **Integration with UTM and cooperative data**
- ✔ **Integration with hypervision / crisis room management**
- ✔ **Integration with external C2 incl. Air Defense or GBAD**
- ✔ **Involvement in standardization WG : NATO Technical Interoperability Exercise, Eurocae's C-UAS WG-115**

Defeat

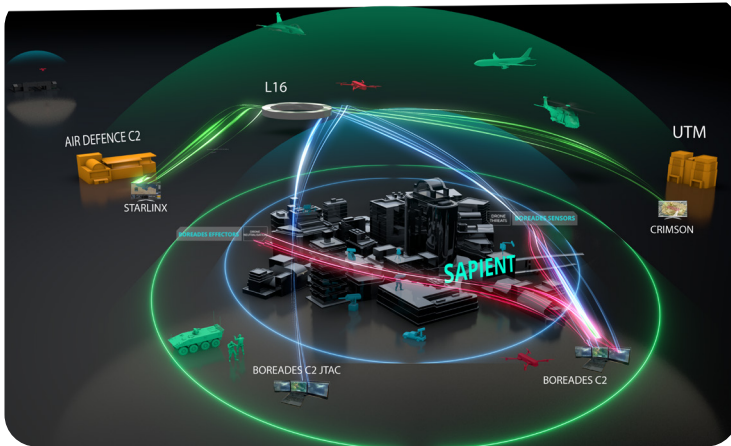
Identify, classify

Categorize

Detect, track

INTEROPERABILITY

C-UAS integration into Air Defense



BOREADES REFERENCES

A field-proven and innovative solution

Major operational references

- ✓ **French Police:** in service since 2016 for major events protection (RADIANT)
- ✓ **French MoD DGA** (Air, Land, Navy forces) : since 2017 for sensitive sites security and external operations (MILAD)
- ✓ **French MoD, Land Forces technical services (STAT):** vehicle-mounted mobile C-UAS systems (ARLAD)
- ✓ **French MoD DGA** (Air, Land, Navy forces) : ordered in 2022 for delivering deployable C-UAS systems (PARADE, used during 2024 Paris Olympic Games)

Major R&D projects

- ✓ Coordinator of European H2020 **ALADDIN** (2017-2021)
- ✓ **IDEaS** and **Raptor** projects with Correctional Services Canada
- ✓ European EDIDP C-UAS project **JEY CUAS** (2021-2023)
- ✓ European Defense Fund C-UAS project **E-CUAS** (2024-2027)
- ✓ DGA TN & CEPN, **LEAS** and **SYPMAR** maritime projects (2025)

ARCHITECTURE

An open & modular architecture integrating ad-hoc sensors & effectors around BOREADES'C2

BOREADES IS BASED ON THE FOLLOWING MAIN BLOCKS:

COMMAND CONTROL (C2) :

The BOREADES solution is based on a real-time C2 developed by CS GROUP, with integration of sensors and effectors, and strong interoperability capabilities. AI and advanced treatments offers a clear and reliable situation awareness. BOREADES is ITAR free.

DETECTION & TRACKING :

360° 2D/3D radar combined with radio frequency detection or other sensors such as passive technologies.

IDENTIFICATION :

Optronic cueing, target identification and tracking. UAS identification including cooperative UTM data.

NEUTRALIZATION :

UAS target neutralization using dedicated effectors (soft / hard kill, including laser, drone interceptor...).

