BOREADES

INTEGRATED COUNTER-DRONE (C-UAS) SOLUTION

MAIN FEATURES

- **Highly automated solution**, limited operator workload
- **Outstanding performances** thanks to data fusion and AI
- **Open and modular** architecture
- **Easily deployable** and configurable
- Suitable for **various environments**, including urban
- **Intuitive HMI,** operator-friendly

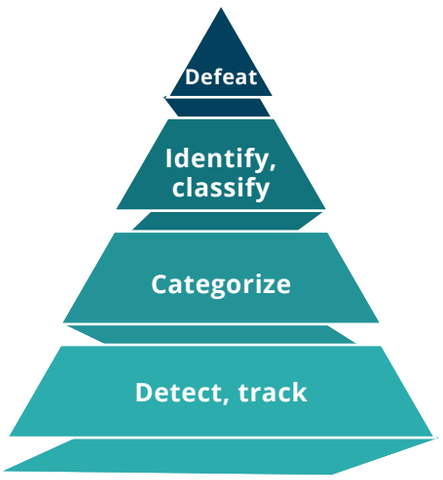
USE CASES

- **Fixed sites** protection : official & military sites, critical infrastructures
- **Events** & Temporary protection : Sport, Summit, VIP event
- **Convoy** protection and mobile configuration

INTEROPERABILITY

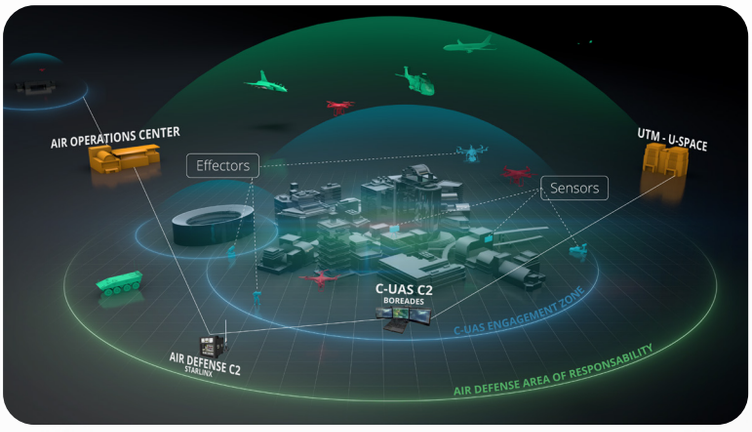
- **Integration with UTM / U-Space and cooperative data**
- **Integration with hypervision / crisis room management**
- **Integration with external C2 incl. Air Defense or GBAD**
- **Involvement in standardization WG : NATO Technical Interoperability Exercise, Eurocae's C-UAS WG-115**
- **SAPIENT compatible**

A comprehensive concept of operation



INTEROPERABILITY

C-UAS integration into Air Defense



ARCHITECTURE

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

BOREADES IS BASED ON THE FOLLOWING BLOCKS :

COMMAND CONTROL (C2) :
The heart of BOREADES is the real-time C2 capability developed by CS GROUP, with advanced treatments enabling to present a clear and reliable UAS situation to the operator

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 also taking cooperative /U-Space data into account

NEUTRALIZATION :
UAS target neutralization using dedicated effectors (soft / hard kill)

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)**

Major R&D projects

- Coordinator of **European H2020 ALADDIN** (2017-2021 grant n°740859)
- Member of **European EDIDP C-UAS project** in the **JEY-CUAS** consortium (2021-2023)
- **Raptor** project with **Correctional Services Canada**

CS GROUP
22, Avenue Galilée - 92350 Le Plessis Robinson, France
tél : +33 (0)1 41 28 40 00 - fax : +33 (0)1 41 28 40 40
communication@csgroup.eu - www.csgroup.eu