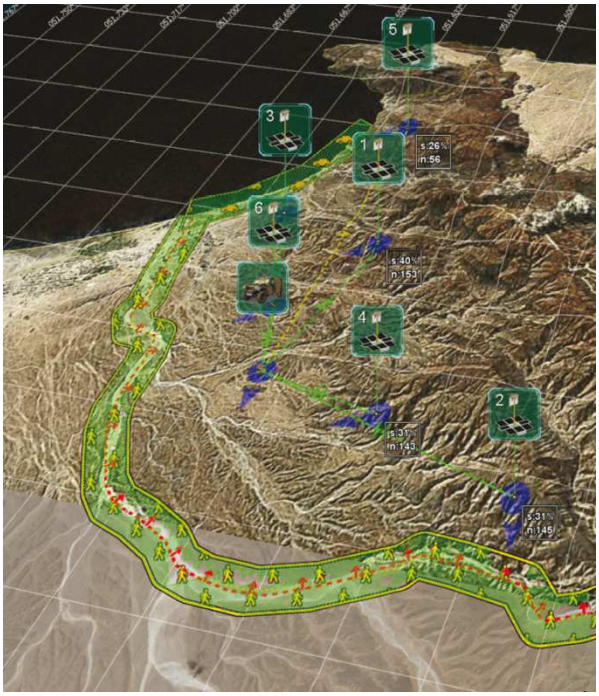
ATERMES

ISO 9001
BUREAU VERITAS
Certification

Beacon for
Autonomous
Recognition,
Identification,
Evaluation and
Response

BARIER™

MASTER YOUR BORDER



Missions:

- ❑ Temporary control up to 40 km of border with a single system
- ❑ Protection of camps, sensitive sites
- ❑ Protection of temporary bivouacs
- ❑ Route surveillance
- ❑ Evidence collection – Illegal intrusions control
- ❑ Intelligence missions – Antiterrorist operations

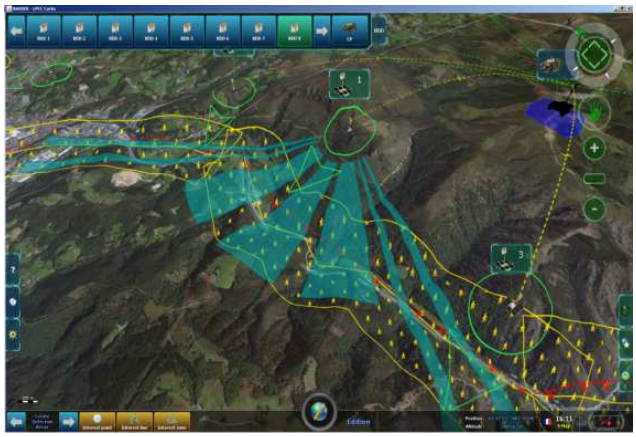
Characteristics of the BARIER™ system:

- ❑ Modular system with between 1 and 10 surveillance beacons, configured for planned missions
- ❑ Simple and fast deployment without prior ground installations
- ❑ Designed specifically for rough terrain, while adding a visible deterrent
- ❑ Network of robotized, standalone smart beacons
- ❑ Security of personnel placed 20 km away at command post
- ❑ Discretion and stealth, ready to use for ambush mode missions
- ❑ Detection by merging of data from optronic sensors and radar
- ❑ Precise identification
- ❑ Passive and active localization
- ❑ Decision-making support for choosing suitable response
- ❑ Computer-assisted mission preparation
- ❑ Operational 24/7

MOBILE BORDER OR ZONE CONTROL SOLUTION

General presentation:

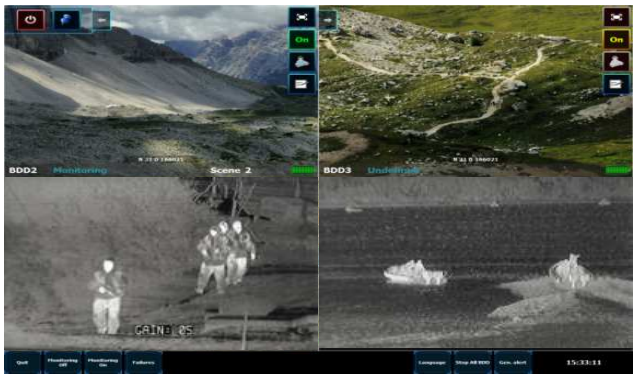
- Each BARIER™ system consists of between one and 10 standalone sentinel beacons using an optronic or radar head, one or two deployment vehicles and one Command and Control Post vehicle (C2),
- BARIER™ can be adapted to different types of deployment vehicle. The Command and Control Post can also be located away from the vehicle (building, shelter, tent, etc.),
- The beacons are placed in strategic points to create a buffer zone between 1 and 8 km in depth,
- BARIER™ is designed for fast deployment by a single team, capable of day or night surveillance missions, whatever the terrain,
- With its optimal stealth design and very high mobility, the system operates in the “ambush” mode. The BARIER™ system is highly efficient particulary due to its mobility and rapid deployment,



- The system can operate in any type of terrain, also allowing permanent and automatic surveillance of zones where access is difficult (for instance, mountains, deserts, ravines, creeks, etc.),
- Thanks to the mission preparation software, the system allows to determine automatically the ideal beacons positioning,
- The beacons have remote control capability using a local command-control post and VHF-UHF radio networking adaptable to the needs of the end user.

Main characteristics:

- Turnkey tactical surveillance solution,
- Surveillance of up to 40 km per system, depending on the geography of the terrain and the chosen sensors,
- Detects the intrusion of people, individuals and groups, or vehicles, by merging radar and Optronic data,
- Allows identification of each intruder by means of high definition dedicated sensors,
- Built in 3D mapping for the geo-positioning of detected targets,
- Enables the operator to respond to the intrusion with an appropriate action,
- Several BARIER™ systems can be interconnected for a larger protection zone,
- The BARIER™ system offers interoperability for feeding back the parameters of each intrusion to the host system.



ATERMES
4, avenue des Trois Peuples
78180 Montigny-le-Bretonneux _ FRANCE
Tel: +33 (0) 130 120 140 – Fax: +33 (0) 130 600 403
E-mail: barier@atermes.fr
www.atermes.fr

web

ATERMES