

ELECTRONICS & DEFENSE

TANKER

*Protect your crew, cargo and asset!*



# BLUEDOME™

SMART ANTI-PIRACY SYSTEM

A FULLY AUTOMATIC SYSTEM TO PROTECT YOUR VESSEL FROM THE UNPREDICTABLE

## GUARANTEE

- Crew safety
- Revenues
- Safe navigation (ice & floating debris)

## MANAGE

- Terrorism & Piracy
- Robberies
- Future threats
- Man overboard
- Access control

## KEY POINTS

- NON-LETHAL SOLUTION
- COMPREHENSIVE, GRADUATED RESPONSE
- CREW MEMBERS NOT EXPOSED TO DANGER

# BLUEDOME, AN AUTOMATIC AND MODULAR SYSTEM, THAT WILL PERMANENTLY SELF PROTECT YOUR VESSEL AGAINST MARITIME THREATS

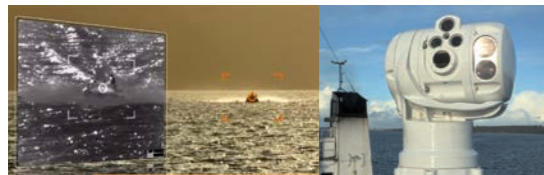
## INNOVATIVE FEATURES

- AUTOMATED CONTROL OF SENSORS AND EFFECTORS
- COMPLETE DECISION-AID SYSTEM
- USER-FRIENDLY TOUCH INTERFACE

### 1 AUTOMATIC THREAT DETECTION



Radar tracks extraction (long-range detection)



Long-range infrared identification camera

- Long-range identification
- Automatic threat evaluation and alarm generation
- Surveillance 24/7 during all-weather conditions (day & night vision)

### 2 COMMAND & CONTROL SYSTEM



Operator stations

- Displaying threat situation awareness at any moment
- Providing remote control of all sensors and effectors
- Featuring decision aid functions for threat assessment and response plan
- Based on a user-friendly, touch-screen interface

Remote-controlled active and close responses including:

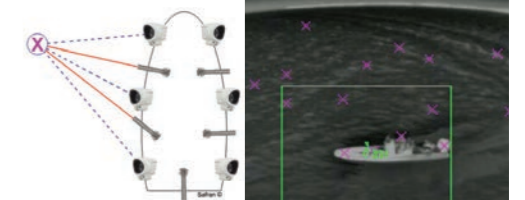
- Infrared cameras all around the ship
- Continuous automatic tracking of the assailants
- Automatic anti-boarding water cannon system

### 3 CREW PROTECTION

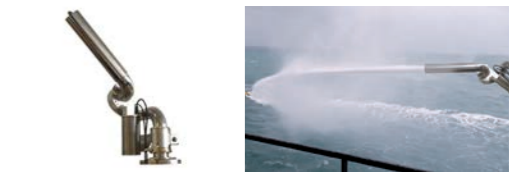


Crew localization / Ballistic protection

### 4 ANTI-BOARDING ACTIONS



Camera close-range targeting



Water cannons

### 6 SAFRAN ADDITIONAL PRODUCTS

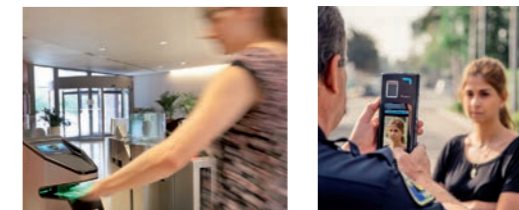


Medium-range infrared binoculars



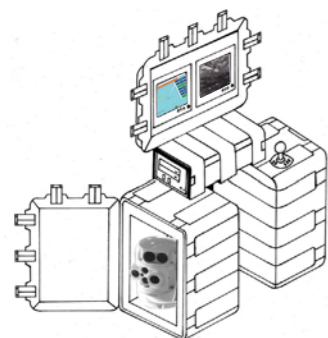
BlueNaute inertial compass

### 5 BIOMETRIC MANAGEMENT (optional)



Vessel access control

- Frictionless biometric access solution
- Real-time handheld identification



#### MOBILE OPTION :

Optimize your investment by shifting ① + ② from vessel to vessel

## YOUR ADVANTAGES

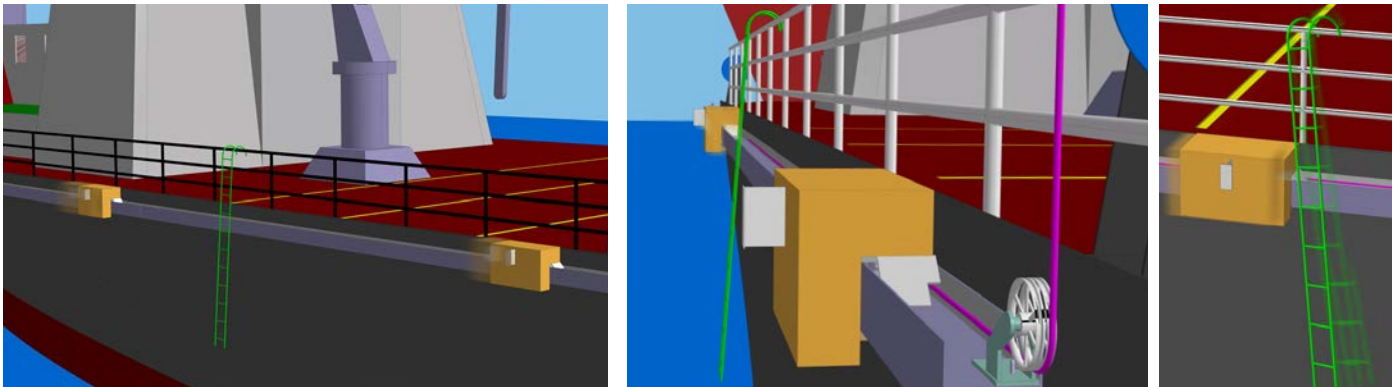
- Be automatically warned several minutes before boarding, to reach the citadel on time
- Prevent unwanted boarding using powerful water cannons or the HullSweeper solution
- Constant protection in all trading areas

# BLUEDOME by Safran

## OUR BLUEDOME SOLUTION

- Fully automatic system
- Plug & play
- Defense proven technology
- 24/7 360 days
- Full protection at sea, at anchorage
- Non-lethal
- For new building or ship retrofit

## NEW MECHANICAL OPTION : THE HULLSWEEPER™



"HullSweeper : an alternative and cost-effective solution to positively prevent all boarding attempts - Easy to install and to operate / low maintenance"

BlueDome will automatically turn on the system when a threat is detected.

Heavy fast-moving trolleys will start sliding all around the hull to rip off any ropes or ladders from pirates trying to board vessel.

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