



LICORNE is a compact, lightweight C2 dedicated to VSHORAD systems mainly of the Mistral missile type. It complements MBDA's existing Ground Based Air Defence Systems (GBAD) Command and Control (C2) family. This highly mobile C2 is derived from the MBDA I-MCP and PCP systems family with common software components and architecture and common MMI (Man Machine Interfaces).

The system is designed to offer a first level of coordination for VSHORAD systems and to meet the needs of rapid raid needs, amphibious or airborne operations. In addition, and thanks to its compactness and performance features, the system offers the possibility of providing the full range of C2 information to the decision makers.

To provide surveillance, detection and identification functions LICORNE is designed to be linked with EOS (Electro Optic Sensors) and radars. All the necessary functions of a C2 are embedded in the LICORNE system such as real time ranging functions, processing of the air picture and kill assessment.

Depending on its standard, it offers coordination capabilities with an upper level or with other LICORNE C2s. It also allows the presentation/transfer of the video camera images of the deployed weapon systems.

- **Compact and robust**
- **Easy to operate, transport and deploy**
- **Flexible use: outdoor, indoor, in a vehicle**
- **High connectivity**

LICORNE

**LIGHTWEIGHT COMMAND
AND CONTROL
FOR MISTRAL TYPE
VSHORAD MISSILES**

MBDA
MISSILE SYSTEMS



LAND

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Hardware

- High performance rugged servers embedded in dedicated transport suitcases
- Full HD multi-touch large screen, readable in sunlight
- Multiple protected USB, Ethernet, HDMI, serial and optical fibre plugs are available on the suitcases as well as operational command push buttons and communications.

Features

Basic:

- Surveillance and identification
- Processing of Local Air Picture, Threat evaluation and prioritization
- Engagement policy, application of Rules of Engagement
- Target assignment
- Cueing and control of Mistral launchers (Via PR4G or SINGARS)
- Kill assessment
- System monitoring
- Integrated simulation and training

Options:

- Connection with upper level command (Via standard links - Basically JREAP-C)
- Auto-coordination with neighbouring LICORNES (master / slaved systems)
- Multi-sensor data fusion (IR + Radar)
- Presentation and upper level transfer of target videos generated by the weapon systems' cameras (use of high rate radios)

Name

- LICORNE

