COCKPIT Concept Design for the new generation of fighters:
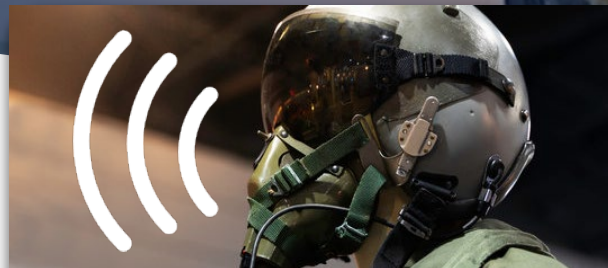

Touchscreen Large Area Displays
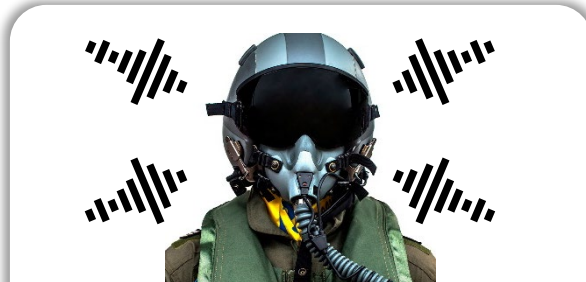

Predictive Navigation and Representation

Virtual and Augmented Reality
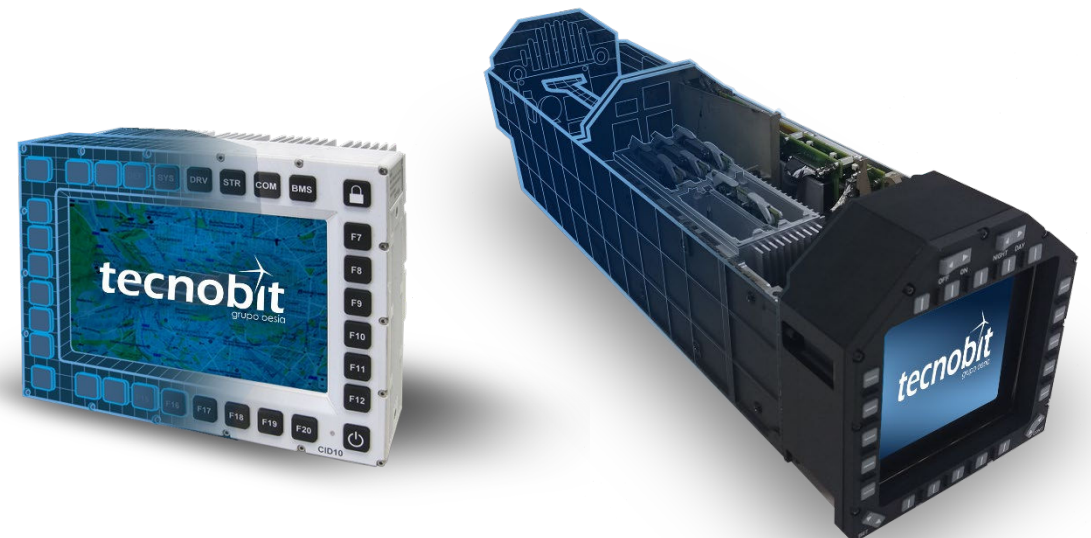

Voice Recognition

3D Audio

Based on IMA Processors

Contact our specialists:

producto@oesia.com

Smart Displays

Multifunction Smart Displays for aeronautical and land applications.

grupooesia.com

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UAV Navigation grupo oesia

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COMTE

**COMTE (COMputer Touchscreen Equipment):
Multifunctional smart displays designed and qualified for
its operation in land armored vehicles.**
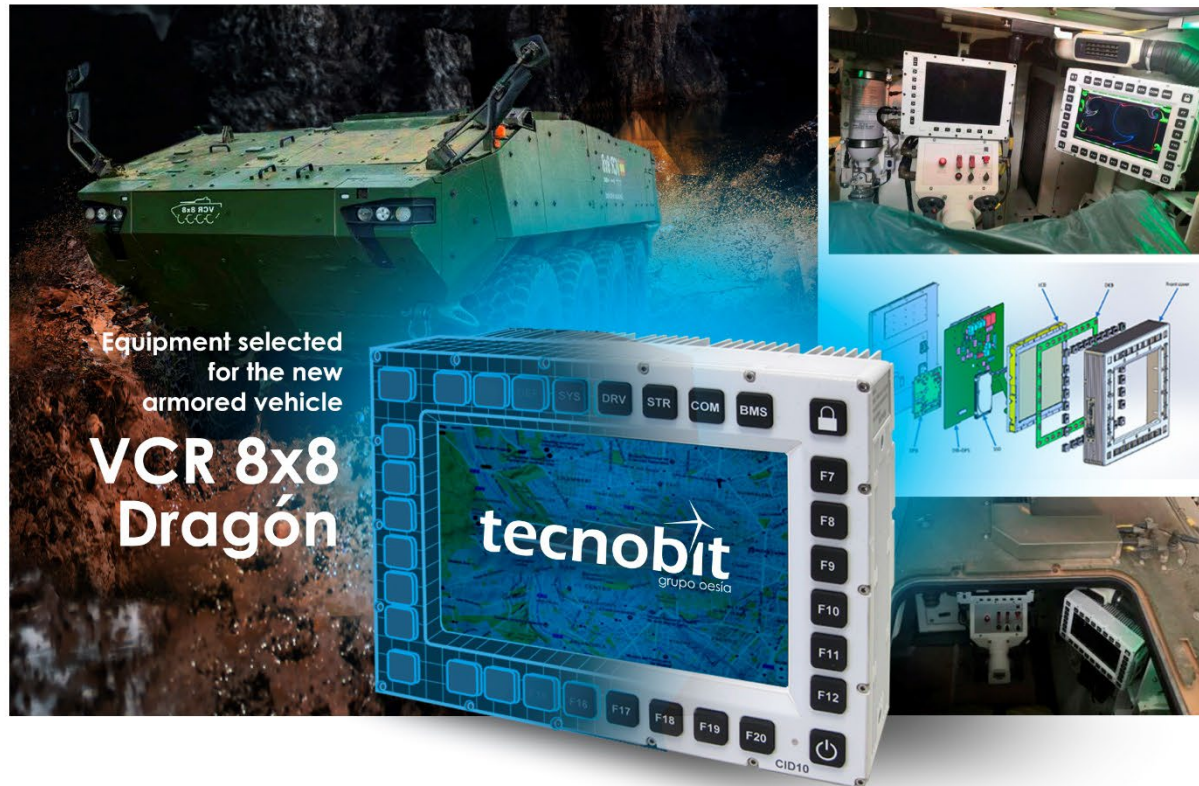
Equipment selected
for the new
armored vehicle

**VCR 8x8
Dragón**

Main advantages:

- High processing capability, valid for running Geographic Information System software, BMS or Fire Direction System software.

- Designed and qualified according to the most demanding environmental requirements for land vehicles.

- Compatible with different video formats (HDMI, PAL, SDI..).

- Extremely low latency, it supports driving assistance applications.

- Touch screen.

- Intuitive user interface.

- Architecture based on INTELskylake x86 compatible with Linux and Windows operative systems.

- Intel® Core™ i7 processor for a CPU optimal performance.

- High speed interfaces (gigabit Ethernet), serial ports (RS-422 o RS-232) and vehicle bus interface (CAN BUS).

- High resolution screen (up to1920 x 1200).

- GVA .

MFD

**Multifunctional Aeronautical
Displays**

**MFD
INTERFACES**

1553 (2)
Gb Ethernet (1)
HDMI output (1)
Analog video output (2)
Analog video input (2)

Main advantages:

- Modular design that allows the segregation of functions according to safety requirements.

- It improves the user experience through the presentation of images in color and high resolution.

- Real-time graphical display of any kind of video signal, either analog or discrete signal or an IP view feed.

- Simultaneous generation and presentation of video and synthetic information.

- 3 x processors based on SoCZYNQ 7000 (2 x ARM).

- MIL-STD-1553 interface to receive information from the Mission Computer.

- Multiple video formats display (FLIR, radar, etc.).

- NVIS (Night Vision Imaging System) compatible.

- User-friendly interface with 20 configurable push buttons, bright and contrast control, day / night mode and power on / off.