

## From the present ...

**Eurofighter**



**A-400M**



**MRTT**



**F-18**



## ...to the future of Avionics

**FCAS/NGWS**

National co-leader in the Remote Carrier pillar



**EuroMALE**

Guarantying the availability and security of the communications



**TIGRE MKIII**

Providing national sovereignty to the communications



Contact our specialists:

[producto@oesia.com](mailto:producto@oesia.com)



# On-board electronics

More than 40 years at the technology forefront of the aeronautical industry, designing, developing, producing and sustaining avionic products for a variety of platforms

Your best flight mate

[grupooesia.com](http://grupooesia.com)



Demonstrated experience in military avionics to provide fixed and rotary wing aircrafts with a decisive advantage in hostile environments and to satisfy the needs of the military pilots.



## Aeronautical Displays

### MFD Multifunctional Display

- Modular design, functions can be segregated depending on safety conditions
- Color display in high resolution
- Real time processing of multiple video feeds
- Compliant with avionic buses interfaces



## FLIR /IRST

### Infrared search and track system

- IR passive sensor, undetectable and immune to jamming.
- Extended spatial range
- Autonomous search and track
- Multiple target tracking capability



## Tactical Data Link Processor

### LINPRO

TDL processor with capability to participate concurrently in Link-16, Link-22, JRE, VMF and Link-11 networks

Initializes and manages the different communication terminals in each network: MIDS, SNC, SPC or DTS

Includes network management



## Audio Management Systems

### AMS

Central management of the aircraft radiocommunication systems, radio navigation systems and intercom systems.

Different form factors suitable for big manned transport aircrafts or surveillance unmanned aircrafts, managed from the ground station.



## Airborne Crypto

Multilevel security crypto (NATO SECRET / NATO RESTRICTED) for voice and data.

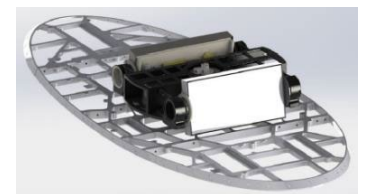
Suitable for manned and unmanned platforms, fixed wing and rotary wing



## SATCOM Antenna

SATCOM Antenna in X, Ka bands working with satellites in LEO and GEO orbits.

Different form factors, suitable for highly capable aircrafts or medium size UAVs



## Guidance, Navigation and Control

GNC solutions for Cat I and II UAVs

Used in target drones, fixed wing drones and rotary wing drones

Autopilots, Mission Computers, Sensors, Visual Odometry, Ground Station, Simulators



## ELINT and COMINT

Signal intelligence in the radar and in the communications wavebands based in photonics technology

Reduced Size, Weight and Power (SWAP)

