

# NG-MIMA

## Next Generation Military Integrated Modular Avionics

### SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

**CALL TITLE:**

Development actions on air combat

**TOPIC TITLE:**

Smart technologies for next generation fighter systems

**DURATION OF THE PROJECT:**

36 months

**TYPE(S) OF ACTIVITIES:**

Studies, Design

**ESTIMATED TOTAL COST:**

€ 30,899,295.07

**MAXIMUM EU CONTRIBUTION :**

€ 29,987,639.00



### SHORT DESCRIPTION OF THE PROJECT:

The goal of NG-MIMA is to revolutionize military avionics by introducing a new era of integrated modular avionics tailored to military airborne platforms.

NG-MIMA project focuses on identifying needs for next-generation military integrated modular avionics, identifying new high-level architecture principles for multi-domain operations and security, and key technologies for future architecture solutions. Operating through a system-of-systems approach, these platforms need increased data sharing and processing, alongside specific requirements for development cycles and defence-related missions. The proposal aims to revolutionise military avionics by introducing a new era of integrated modular avionics tailored to military airborne platforms.




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**Members of the consortium and  
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