

# LODESTAR II

**Live Operational Data Enhancement for Situational Awareness Through Augmented Reality, part II**

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2024

**CALL TITLE:**

Development actions dedicated to SMEs

**TOPIC TITLE:**

Non-thematic development actions by SMEs

**DURATION OF THE PROJECT:**

30 Months

**TYPE(S) OF ACTIVITIES:**

Integrating knowledge, Studies, Design, System prototyping, Testing, Qualification

**ESTIMATED TOTAL COST:**

€ 7,144,000.22

**MAXIMUM EU CONTRIBUTION :**

€ 5,960,450.41



### SHORT DESCRIPTION OF THE PROJECT:

LODESTAR II will include novel hardware and software components (at TRL7) covering every zones of the dismounted soldier system, including a head-mounted AR system, a body-worn AI processor (vision computer) and a highly advanced AR weapon sight.

The project aims to deeply integrate new enabling technologies from the fields of Augmented Reality (AR) and Artificial Intelligence (AI) within the soldier system. These new technologies are applied with the purpose of increasing the survivability and effectiveness of the (dismounted) soldier.

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**Members of the consortium and  
country of establishment:**

 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
EMBEDDED ACOUSTICS B.V. (Coordinator)	Netherlands
ALFATEC GROUP D.O.O.	Croatia
E&Q ENGINEERING SOLUTIONS AND INNOVATION SL	Spain
NEX VISION	France
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