



GUARDIARIS

Train The Brain.

# GUARDIARIS

## Slovenian Info Day, EDF

EDF experiences

<https://www.guardiaris.com/>



# Why EU and EDF: Independent auditing

- European Court of Auditors



# Common objectives: ICR – MODs - Consortium

- ICRs drive REQUIREMENTS

ICR-1. The physical implementation of the simulated training environment shall integrate both vehicle and soldier simulated training with multiple weapon types. Vehicles' internals shall be simulated for entire crew (driver, commander, gunner). Squad of soldiers would disembark a vehicle mockup or alternatively be transported to simulation projection theatre in real IFV and they should be able disembark and scatter into projection based simulation theatre located on both sides of the IFV. The comprehensive training concept shall be driven by single battle scenario for all soldiers.



# Execution and delivery of results: T, D, M

- Descriptions in T, D, M are basis for project checks.
- Deliver on objectives, descriptions and DEMONSTRATE.

## **Task 3.1 Design of graphical and sound environment for heterogeneous simulation; M4-M20; lead Guardiariis**

- Multi role simulator architecture, building blocks.
- Integration of weapon digital twins, in-vehicle dashboards and vehicles within simulation engine.
- Integration with video projection and sound, sound generation.
- Sound generation design of sound floor with audio reinforcement system.
- Scenario editor and after action review analysis integration with simulation engine.
- Physical placement of simulated weapons, soldiers and simulation projection.
- Design of SW interfaces to facilitate simulator interoperability (e.g. HLA).
- On-site/remote WS with partners.
- On-site/remote WS with MoDs on design.



# Reporting: Progress, issues, change of plans

- EDF is monitoring, in detail.
- Report technical and other issues.
- Changes are OK in R&D; manage and communicate.



# Guardiaris: EDF experiences

- SME and large consortia
- Development (TRL > 5) and Research actions (TRL < 5)
- Projects:
  - FIIST
  - ABITS
  - SHOLFEA
  - TRAVISMOS
  - FMBTech





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