**Industry Workshop**

**Objectives and Agenda**

Meeting date - time: **09 July 2015 - 10:30 - 17:15** | Meeting location: ***EDA, Brussels***

# Objectives

The study intends to involve as many stakeholders as possible in order to consider all aspects relevant for the development of the proposed Open Reference Architecture and to achieve the necessary support for the intended standard.

After a workshop with government officials on 25 March 2015, which collected information from the procurement side, a second workshop will be organised with industry at 09 July 2015. During this second workshop information about state of the art and potential future technology will be collected and considered within the study.

# Agenda

10:30 - 10:45 Introduction by EDA

10:45 - 11:15 LAVOSAR II Study Presentation

11:15 - 12:00 Architectural Domain Analysis and Requirements

12:00 - 12:45 Open Reference Architecture Standards Update

12:45 - 13:30 Lunch Break

13:30 - 14:15 Workflow and Procedure Update

14:15 - 15:00 Through Live Capability

15:00 - 15:45 Alignment with NGVA

15:45 - 16:30 Architecture Contribution to EDA Repository

16:30 - 17:00 Concluding Remarks and Way Ahead

# Suitable attendees

* military land vehicle manufacturers
* military land vehicle mission system integrators
* military land vehicle mission systems suppliers
* logistics industry and contractors for land vehicle missions systems
* component suppliers for military land vehicle mission systems

# Background

EDA contracted a study on *European Reference Open Architecture Standard for a Modern Integrated Electronic Mission System in Military Land Vehicles* (LAVOSAR II) which is carried out between 19 Nov. 2014 and 18. Feb. 2016 by ***Rheinmetall Defence Electronics (DEU)*** with the subcontractors ***Fraunhofer FKIE (DEU), BAE Systems Bofors (SWE), Patria Land Systems (FIN), Rheinmetall Land Systems (DEU), Selex ES (GBR), and Vetronics Research Centre (GBR)*** (c.f. LAVOSAR II Summary Information attached).

The objective of the LAVOSAR II study is to follow up on the results of the first LAVOSAR study:

* Define and position architectural domain such that
  + the European approach covers a currently needed gap
  + complements or contributes to other current activities in the area
* Analyse background material
* Identify and define needed additional architectural layers to the LAVOSAR I
* Estimate benefits to be gained and the cost of implementing
* Investigate updates required to the Open Reference Architecture Standards of LAVOSAR I based on specific European requirements, especially:
  + Open Interface requirements that exist between disciplines of different innovation speeds
  + Extensions of the NGVA Data model for data exchange to cover European standards,
  + Gateways for external communications,
  + Generic Data exchange between vehicles, typically of different type,
  + Suggestion of further international open standards needed.
* Update of the defined operational workflows and logistic procedures of the LAVOSAR I
* Develop roadmap to harmonise data exchange procedures on Modification, Maintenance, Repair and Overhaul with military and civilian facilities along different vehicle types in the European Countries
* Develop roadmap for future development of NGVA and how LAVOSAR II can contribute
* Formalise architecture to contribute to the EDA Architectural Repository

# Workshop Approach

The project will inform industrial stakeholders about the current status and the current results. Further, feedback for refinement shall be collected during the Workshop on

* Architectural Domain Analysis and Requirements
* Open Reference Architecture Standards Update
* Workflow and Procedure Update
* Through Live Capability
* Alignment with NGVA
* Architecture Contribution to EDA Repository
* Concluding Remarks and Way Ahead

# COntact

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