



Generic Open Soldier System Reference Architecture (GOSSRA)

Under the Preparatory Action on Defence Research (PADR), the grant for the Research Action call on the topic of 'Force protection and advanced soldier systems beyond current programmes', subtopic 'Generic Open Soldier Systems Architecture', was concluded. The awarded project, called GOSSRA, was signed on 27 April 2018. Led by Rheinmetall Electronics (Germany), GOSSRA's consortium encompasses 8 other participants from 6 countries: GMV (Spain), iTTi (Poland), Tekever-ASDS (Portugal), Larimart (Italy), Leonardo (Italy), SAAB (Sweden), Indra (Spain) and TNO (the Netherlands). The project, which has a duration of 22 months, will receive an EU grant of roughly €1.5 million.

PADR Call 2017-FPSS-Subtopic a – Information on the awarded project		
Name of the project	Generic Open Soldier System Reference Architecture	
Short name	GOSSRA	
Summary of the project		
GOSSRA will carry out research in the development of a Soldier System Reference Architecture ready for standardization which covers electronics, voice and data communication, software, human interface devices, sensors, and effectors. The GOSSRA study on Generic Open Soldier Systems Reference Architecture researches in the development and validation of the desired Reference Architecture by identifying trends and potentials with respect to operations and technologies; reviewing, refining and integrating the STASS I+II architectures; validating and enhancing the integrated architecture with respect to operational issues, maintenance and logistics, and technical issues; formulating the architecture for standardization; and finally technically validating, demonstrating and refining the architecture.		
Project duration	22 months	
Starting date	1 June 2018	
Total EU Contribution requested	€ 1,488,642	
List of participants		
#	Name of the entity	Country
1	RHEINMETALL ELECTRONICS GMBH (RME)	Germany
2	GMV AEROSPACE AND DEFENCE S.A. (GMV)	Spain
3	ITTI SP. Z O.O. (ITTI)	Poland
4	TEKEVER ASDS LDA. (TEKEVER)	Portugal
5	LARIMART S.P.A. (LARIMART)	Italy
6	LEONARDO - SOCIETA PER AZIONI (LDO)	Italy
7	SAAB AKTIEBOLAG (SAAB)	Sweden
8	INDRA SISTEMAS SA (INDRA)	Spain
9	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK (TNO)	The Netherlands