



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).

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 carried out research in the development of a Soldier System Reference Architecture ready for standardization which covered electronics, voice and data communication, software, human interface devices, sensors, and effectors. The GOSSRA study on Generic Open Soldier Systems Reference Architecture researched 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		24 months	
Starting date		1 June 2018	
Total EU Contribution		€ 1.488.641,50	
List of participants			
#	Name of the entity	Country	EU Contribution per entity
1	RHEINMETALL ELECTRONICS GMBH (RME)	Germany	€ 436.765,04
2	GMV AEROSPACE AND DEFENCE S.A. (GMV)	Spain	€ 229.515,00
3	ITTI SP. Z O.O. (ITTI)	Poland	€ 88.623,71
4	TEKEVER ASDS LDA. (TEKEVER)	Portugal	€ 59.312,50
5	LARIMART S.P.A. (LARIMART)	Italy	€ 105.000,25
6	LEONARDO - SOCIETA PER AZIONI (LDO)	Italy	€ 214.937,50
7	SAAB AKTIEBOLAG (SAAB)	Sweden	€ 114.527,50
8	INDRA SISTEMAS SA (INDRA)	Spain	€ 110.000,00



This project has received funding from the European Union's Preparatory Action for Defence Research - PADR programme under grant agreement No 800873 [GOSSRA]



9	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK (TNO)	The Netherlands	€ 129.960,00
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Web page: gossra.net