



RANGER

RAdars for lo**NG** distance maritime surveillance**E** and Search and Rescue op**er**ations

START DATE 1 May 2016

DURATION 42 months

BUDGET €7,992,312.50

PROJECT COORDINATOR:

EXUS Software LTD London, UK,
innovation@exus.co.uk

Main features

- ✓ Novel and ground-breaking Radar technologies (Over-The-Horizon & Photonics Enhanced MIMO radar systems)
- ✓ Innovative data fusion and machine learning algorithms for enhanced Early Warning
- ✓ Long - range detection with high level of accuracy
- ✓ Interoperability with legacy systems
- ✓ Advanced capacity for small vessel detection, recognition, and identification
- ✓ Higher efficiency of Search and Rescue operations
- ✓ Validation and demonstration of RANGER in two different pilot environments, in France (open sea environment) and in Greece (archipelago)

Ranger Partners



EXUS



DIGINEXT
be visionary



Telesto Technologies
Information Communication Technologies



LEONARDO
LAND & NAVAL DEFENCE ELECTRONICS



TECHNISCHE UNIVERSITÄT DRESDEN

www.ranger-project.eu



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