

SESAME

IMPROVING MANAGEMENT OF THE FLOW OF SATELLITE DATA FOR MARITIME TRAFFIC SURVEILLANCE

Surveillance of the maritime space constitutes a major issue for defence, security and the environment. Satellite technologies for monitoring vessels based on AIS (*Automatic Identification System*) messaging and high-resolution imaging of the sea surface offer fresh possibilities, but the operational systems currently deployed lack the capacity to fully exploit the flow of satellite data available.

Against this background, the SESAME project intends to develop 'Big Data' approaches that rely on solutions for managing, analysing and visualising the flow of AIS and Sentinel satellite data. SESAME will develop hard and software infrastructure adapted to the volume of the data flows under consideration with a view to creating automatic warning documentation.

Partners

COM_PROJECTS_CATEGORIE_PARTNER_ENTREPRISES

CLS, Brest

Research centers

IMT Atlantique Bretagne-Pays de la Loire,
Laboratoire Lab-STICC, Brest [\[Project Developer\]](#)
Université Bretagne Sud, IRISA / OBELIX,
Vannes et Lorient
Université de Rennes 1, IRISA / MYRIADS,
Rennes

Funder

Agence Nationale de la Recherche

Labelisation

17/02/2017

Overall budget

1 497 K€