

Systems and technologies for “after sale” services development

The project aims to realize enabling innovative solutions for:

- constant monitoring of on board operations;
- introducing high value added functionalities like predictive maintenance through the employment of data gathered from field sensors;
- developing solutions and algorithms to support and, in the next future, substitute human intervention in ship operations.

The implementation of such solutions will provide the means to establish, also in the shipbuilding sector, a high-value-added service provision model in bundle with the end-product. The project also focuses on data protection and cyber-threats mitigation topics, both on board and in the realization of enabling infrastructure related to onshore services.

Furthermore, in order to protect data related to on-board and onshore systems, the project will realize important and cross-cutting cybersecurity initiatives.

The project is carried out in co-operation with four companies belonging to the Fincantieri group (leader company, ISSELNORD, Seastema and CETENA) and several external partners, which contribute to prototypes realization.