

IORIS INDO-PACIFIC REGIONAL INFORMATION SHARING (IORIS) PLATFORM

INTEGRATED FUNCTIONALITIES



Multilingual messaging, chat, alerts
(communication-oriented)



Satellite-based Data Feeds
(coordination-oriented)



Advanced mapping + vessel intercept
(coordination-oriented)



File exchange, documents and forms
(coordination-oriented)



MARITIME OPERATIONAL COORDINATION & COMMUNICATIONS PLATFORM

DEDICATED AREAS ADAPTABLE TO:

INTRA-REGIONAL LEVEL
(eg. Country 1, Country 2, Country 3)



NATIONAL AGENCIES
(eg. Customs, Coast Guard, Navy, Fishery, Police, etc.)



MULTIPLE DOMAINS
(eg. pollution control, illegal fishing, drug trafficking)



IORIS is a neutral Maritime Operational Coordination and Communications platform which enhances interagency collaboration at national and regional levels. Its functions are flexible and can be adapted to the mandate and role of the specific centre or organisation, using capabilities including communications, geographic displays, and the provision of satellite AIS data. Dedicated areas are tailor-made to manage day-to-day information-sharing and the coordination and monitoring of maritime safety and security operations, amongst civilian agencies and/or military users, depending on the needs.



The IORIS platform is only accessible to authorised users designated by partner countries, maritime centres and regional organisations. IORIS incorporates the latest cyber security and encrypted technologies ensuring a robust level of security and privacy.



An ongoing training programme, delivered by a pool of experienced certified instructors, ensures a smooth deployment of the platform. A full training package is available, including user guide, training curricula, and training videos, at no cost to beneficiary countries.



Since May 2023, the IORIS Steering Committee was established, being composed of regional partners to facilitate the platform's transition towards a regional governance framework in the coming months. The structure will be comprised of Policy, Legal, Operations and Technical Working Groups, which will guide on the future of the platform and reporting back to the IORIS Steering Committee.



Countries and regional organisations interested in the IORIS platform can request access or further information by submitting an official request to martin.cauchi-inglott@crimario.eu

IORIS integrates a set of key functionalities

IORIS V1 was launched in 2018
Upgraded in 2019 (V2) & 2022 (V3)
Multilingual with Translation functions
Low bandwidth for use at sea



► **Messaging, chat and alerts:** an instant 'messages' area is provided within each Community Area (CA) created and is dedicated to all members within that CA. The 'messages' feature provides a permanent record of events that can be output to PDF for archiving or legal finish if required. In addition, a secure private chat feature is also available limited to either 1 to 1 or group chat. Both have built in translation for most languages to communicate in real time without the need for external translations tools. IORIS can also display internal system menus in nine native languages with additional languages available on request.



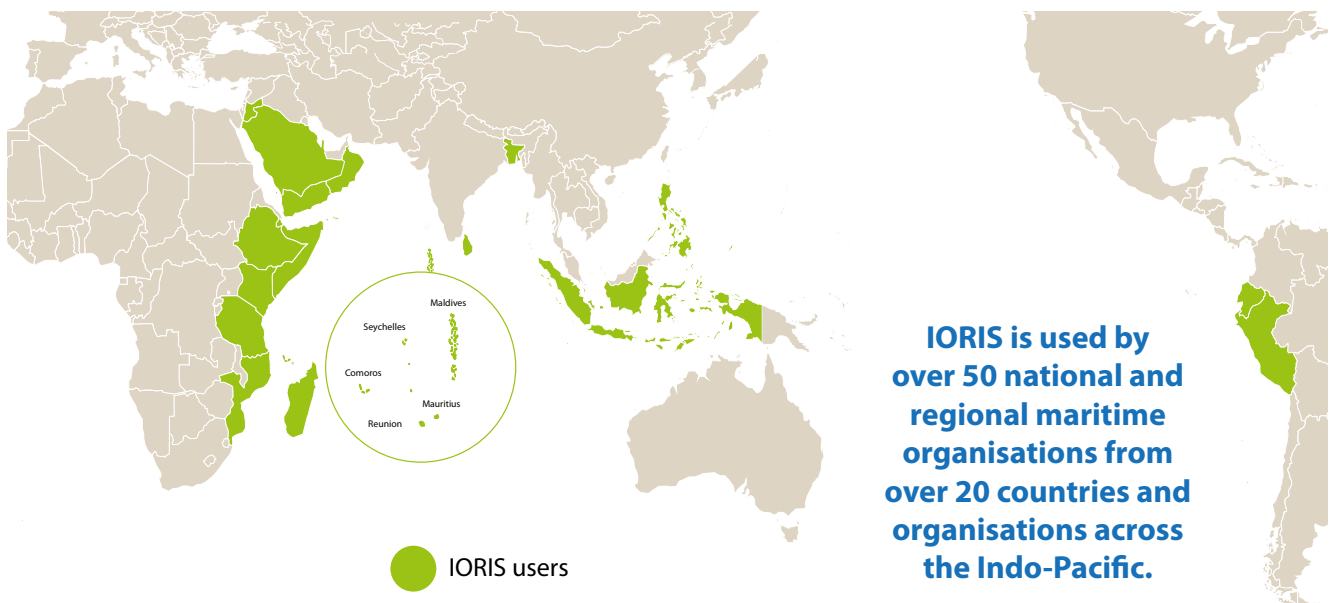
► **Advanced mapping, vessel intercept, markers:** using maps and dedicated overlays, the module allows the import and export of vessel tracks and navigational markers, to plot vessels, incident, and boundary configurations. The vessel intercept function determines the optimal course and speed to intercept a vessel or target of interest within the mapping features.



► **File exchange, document feature, and forms:** The user can easily upload files, add additional encryption if required, send to authorising officer for release (optional), share, view documents, delete etc. Developing cases can be documented using editable pre-formatted forms / reports to ensure a fast and efficient sharing of information.



► **IORIS provides satellite-based data feeds - Automatic Identification System (S-AIS) and Skylight data** feeds which cover the Area of Responsibility providing vessel monitoring and dark vessel detection, including IUU Fishing and Satellite Radar Imagery detection.



IORIS Platform is developed within the CRIMARIO project.



Funded by the European Union



Implemented by



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