# IORIS: the Indian Ocean Regional Information Sharing & Incident Management Network

CRIMARIO has developed IORIS, a web based information sharing tool in collaboration with regional partners, capable of sharing information and managing maritime incidents at both regional and national level. The tool is **regionally owned, regionally managed and regionally located.**
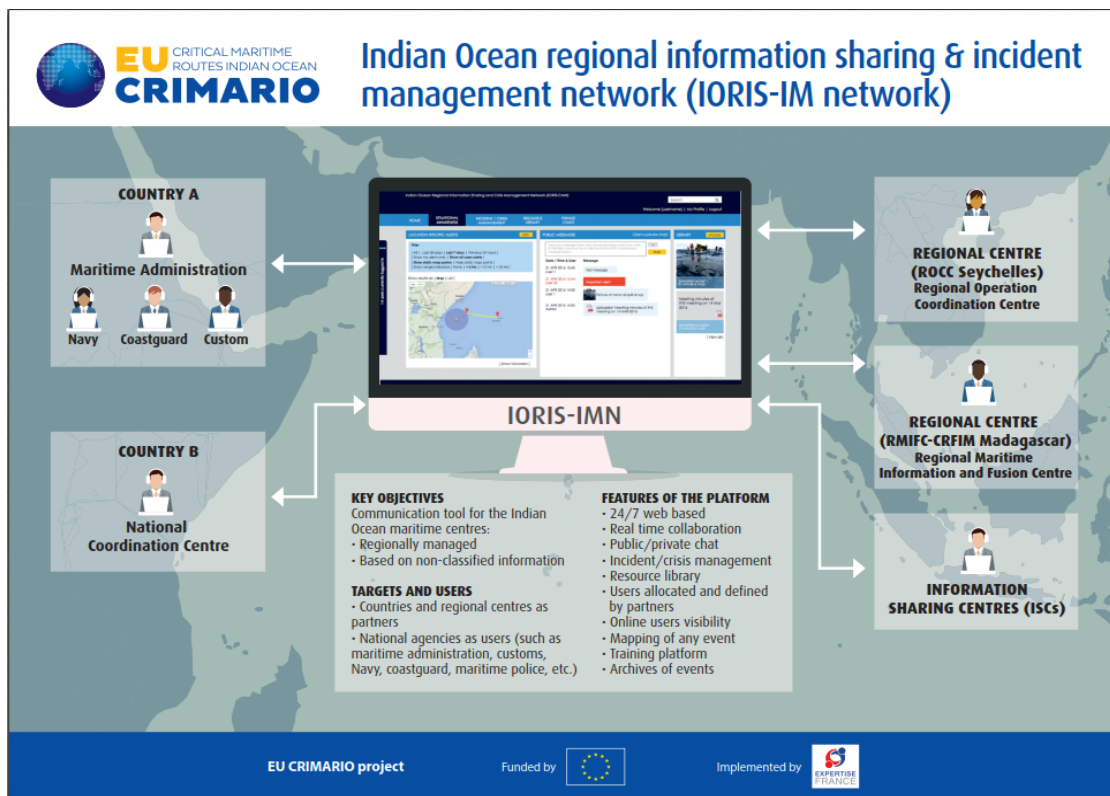
Objective: Enhance maritime safety & security in the IO region through information sharing & incident management

Definition and features

- ✓ Collaboration tool for regional and national centres to exchange non-classified information in a secure environment, as well as a real-time communication that can be utilised for incident management;
- ✓ Real-time information sharing / Collaboration / Incident management / Public or private chat environment / Resource library / File sharing / Public facing web page / Advanced mapping functions / Training platform / Archive of events / Form customization / Pre-defined business logic / Security features / etc.;
- ✓ Solution design focused on minimizing recurring/future running costs for long term sustainability;
- ✓ Inputs from many regional partners have been incorporated into the design;
- ✓ Fully funded and supported by EU CRIMARIO for at least 2 years from 'Go Live' date;
- ✓ Future development planned for 2018 responding to initial user feedback to improve functionality.

Implementation timeline

- ✓ Contract has been awarded to Polymorph Ltd, Runcorn, Cheshire, UK
- ✓ Clarification meeting with contractor / CRIMARIO and host countries by end November 2017 (tbc)
- ✓ September to December 2017 – IORIS development phase
- ✓ **First quarter 2018 – Testing – Acceptance tests – Go live**

Principle pages

IORIS will comprise of multiple 'Principle' pages. For example, each regional centre can create its own environment that can include:

- ✓ Identity/brand
- ✓ Key contacts
- ✓ Featured documents
- ✓ Management of incidents
- ✓ Presence awareness (who's online)
- ✓ Instant messaging/group & private chat
- ✓ Form submission
- ✓ File upload / file share incl. images & documents
- ✓ Mapping tools

Manage multiple simultaneous incidents such as piracy, oil spill, human trafficking, report suspicious activity etc.

Partner countries will also have their own secure collaboration area for national requirements.

Advanced mapping features

- ✓ Plot incidents
- ✓ Filter by date or time
- ✓ Show range based on direction of travel and estimated speed where a vessel might be now
- ✓ Plot polygons
- ✓ Nautical charts optional layer
- ✓ Import vessel locations from key sources
- ✓ Export data
- ✓ Full screen views available.

Security features include

- ✓ End to end encryption of page content
- ✓ Optional two-factor authentication for mobile users
- ✓ IP restrictions
- ✓ Function to store and share encrypted documents.

Hosting and support features

- ✓ Primary and secondary sites
- ✓ Primary site includes redundancy for web and database server
- ✓ Disaster recovery
- ✓ 24/7 Support services with online monitoring
- ✓ Advanced user and system resource monitoring.

For more information, contact
David Nattrass, EU CRIMARIO Information Sharing Manager: dave.nattrass@crimario.eu