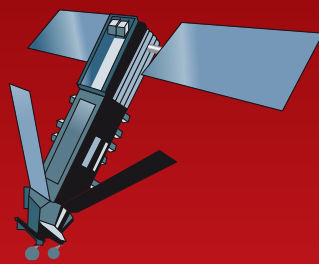


Maritime safety



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Maritime safety

CLS, your partner of choice for maritime safety

As governments face rising levels of marine traffic and piracy at sea, along with accidental or intentional pollution, they are endeavouring to make their national waters safer and more secure. CLS offers integrated solutions to support government initiatives at sea. Its solutions use a scalable software suite that provides access to a wide range of services based on the very latest in space technology. The result of 20 years of close collaboration with the government bodies in charge of maritime safety, they come with a proven track record in identifying and tracking ships, detecting illegal fishing and spotting oil spills. They help provide effective, well-planned management of maritime safety in a number of different areas:



TRACK SHIPS AROUND THE GLOBE

A COMPREHENSIVE RANGE OF LRIT SOLUTIONS

The IMO (International Maritime Organization) has set up a long-distance ship-tracking system known as LRIT (Long Range Identification & Tracking). Every government is under obligation to acquire a LRIT infrastructure. CLS, which has been specialising in location and data-collection services for over 20 years, has developed a comprehensive offering of LRIT solutions for government maritime agencies the world over (data-processing centre, ASP telecommunication services and location beacons). Its offering is based on software solutions with proven capacities for monitoring fishing activities under international agreements.

References: European Maritime Safety Agency (EMSA) - LRIT Data centre and associated ASP services
www.lrit.fr



MONITOR STRATEGIC SEA AREAS

A COMPREHENSIVE RANGE OF OCEAN
SURVEILLANCE SOLUTIONS

There has been a fresh upsurge in piracy. Not only property and people but also commercial fishing resources are under threats, not to mention intentional or accidental pollution. Alongside its data-collection and location systems (LRIT, AIS, VMS and coastal radar systems), CLS offers a wealth of satellite radar information to monitor operations at sea and help authorities detect illegal fishing, oil spills and illegal trafficking.

References: Kerguelen, Australia - Centre for the surveillance of fishing in southern zones



LAUNCH AND COORDINATE OPERATIONS AT SEA

A ONE-OF-A-KIND DECISION AID

To further government initiatives at sea and provide a decision aid for maritime authorities, CLS has developed Thémis. This one-of-a-kind platform is the fruit of years of expertise in data fusion and display. Data on location, oceanic conditions, satellite or coastal radar, etc. is fed into the platform to help decision-makers better assess the situations. From the high seas to the coast and on any part of the globe, CLS helps authorities gain a deeper, real-time insight into the theatres of operations. This is CLS's contribution to improving government operations at sea.

References: Centres Régionaux Opérationnels de Surveillance et de Sauvetage français (CROSS, France's regional surveillance and rescue centres)
Combined system for the surveillance of fishing and maritime traffic zones.



TURNKEY OR MANAGED SERVICES AT CLS

10 OFFICES AND SUBSIDIARIES AT YOUR SERVICE

Requirements studies, custom solutions, installation and after-sales service can all be provided on either a turnkey basis in our customers' surveillance centres or as managed services at CLS.

Our engineers provide guidance and support every step of the way for institutions in charge of safety at sea.

They can install all of our software tools for you and assist operational teams as they learn to use these new technologies.





THEMIS: A DEDICATED, LIGHT, MODULAR AND FLEXIBLE PLATFORM

TURNKEY OR CLS-MANAGED SERVICES

Track ships
around the globe

Monitor strategic
sea areas

Launch and coordinate
operations at sea

