

## **Support Solutions**



With over 20 years of leadership in marine navigation, OSI Maritime Systems offers navigation and tactical solutions. Combining advanced features and extensive experience in warship technology, OSI is the fleet standard for many NATO and allied navies including Canada, UK, Australia, Denmark, Portugal, Netherlands, and New Zealand.

OSI provides the most advanced warship surface and subsurface navigation capabilities worldwide. Twenty navies with over 600 vessels currently operate with OSI's proven solutions.

We acknowledge that the cost of adopting a navigation system doesn't end at the initial purchase and that the cost of ownership over the life of a system can be many times the acquisition cost.

Our customers receive maximum benefit and lower through-life costs. To optimise availability during operations, systems and products are designed while recognising the importance of reliability, maintainability and thereby testability.

OSI's modern bridge designs balance the need to avoid single points of failure without over designing multiple layers of redundancy - nevertheless failures may occur. To account for these eventualities, we have developed a worldwide support network, ensuring that first-class support is available wherever our customers operate.

To sustain our marine electronic solutions, OSI provides a full range of tailored Support Solutions. We have an heritage and expertise in Integrated Logistic Support (ILS) combined with an in-depth knowledge of Availability, Reliability and Maintainability (ARM) methodologies. This enables us to design project specific support solutions that maximise Availability at a manageable and measurable Whole Life Cost (WLC).

OSI's Support Solutions are developed and delivered by experienced Supportability and Logistics Engineers and Supply Chain specialists positioned in strategic locations around the world, providing efficient and effective support, both immediate and through life.

In every case we will optimise the solution to fit the operational requirements, organic infrastructure and budget of the individual customer. As a result of this product-support integrated approach, Support Solutions can include many elements in their development and delivery, some of which are:

- Maintenance schedules
- Level of Repair Analysis (LORA)
- Sparing analysis and recommendations
- Operator, maintainer and equipment manager training
- Technical documentation and manuals, COTs and customer specific
- 24/7 customer support line
- Obsolescence Management
- Reliability Centred Maintenance (RCM)
- Logistic Support Analysis (LSA)
- Failure Mode Effects and Criticality Analysis (FMECA)

- Reliability Block Diagrams (RBD)
- Engineering and asset management
- Logistic and maintainability demonstrations
- Training Needs Analysis (TNA)
- Life Cycle Costings (LCC)
- Whole Life Cost (WLC) analysis
- Supply management and support
- Integrated global warehousing and distribution
- Packaging, handling, storage and transportation (PHS&T)
- Training delivery

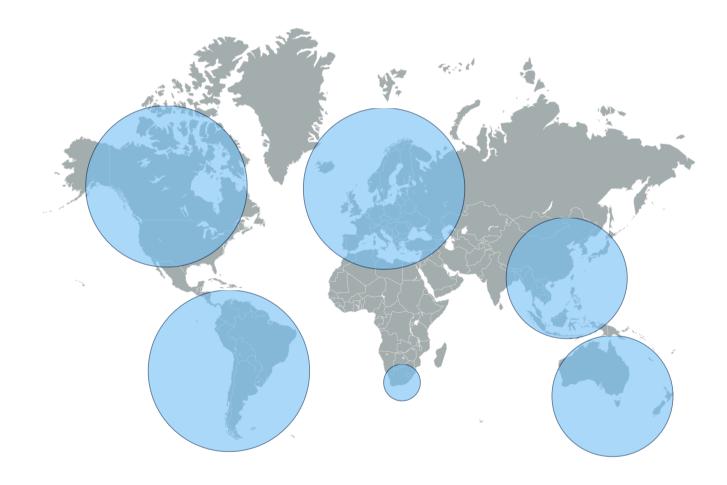


OSI Support Solutions range from comprehensive warranty type through to the provision of complete turnkey solutions that include support analysis, sparing design, packaging, obsolescence management, technology refreshes, defect and repair management, logistic transfers to theatre, training and contractor owned spares.

Our scalable solutions, all based on the discipline and rigour of Integrated Logistics Support, mean that the user can be confident that not only is their ECPINS based navigation solution amongst the most reliable and operationally proven systems in the world, but that in the event of a failure qualified assistance is never far away.

## **OSI Global Network**

- Vancouver, Canada: head office; design & manufacturing centre; service, support & repair depot
- Auckland, New Zealand: support partner
- Bangalore, India: service partner
- Cape Town, South Africa: service agent
- Hong Kong: service partner
- Gdynia, Poland: representative & support partner (PGZ)
- Kuala Lumpur, Malaysia: service agent
- Perth, Australia: support partner
- Portsmouth, UK: service, support & repair depot
- Rio de Janeiro, Brazil: representative
- Seoul, Korea: service agent
- Singapore: service agent
- Taipei, Taiwan: service agent



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