



CGI OpenSea360

Streamlining your craft and crew

The mission system for high-tempo maritime operations

CGI OpenSea360 empowers crews to undertake highly complex missions safely, effectively and independently. It puts critical information, including navigation data, official charts, local situation awareness, task-specific data layers and platform systems information and controls at your crews' fingertips. Thus, enabling them to react faster, make better decisions at speed and stay connected, all in a cyber-secure environment.



Control multiple systems in one place

CGI OpenSea360 sits at the heart of your operations, making your craft and crew more effective. It links key on-board and off-board systems via secure and resilient redundant networks. Real-time data will allow your crew to monitor and control multiple systems from a single interface proven to enable full operation at sea. This improves operational flexibility, saves space on your console and keeps your teams safer by minimising the need to leave their seats. It is scalable from a single display electronic chart system (ECS) to a multi-display fully integrated navigation and situational awareness system combined with platform management and monitoring of engine systems and controls, onboard services and communications.

Exceptional situational awareness to enable better decision-making

Making informed decisions during complex missions requires crews to know where they are, how their craft is performing, and what is happening around them. As the nerve centre of your capability, CGI OpenSea360's interface mitigates the impact of sea conditions and puts the right insights in front of the right people at the right time. If a component were to fail, the system's redundant design and replication of key data minimises the impact on your capability.

A high-performance mission system that we tailor to your precise needs, intelligently designed to put the right insights and capabilities in front of the right people at the best time

Future-ready




New technology is emerging all the time. Adding ground-breaking or upgraded capabilities to your craft is essential to remain at the forefront. Our open architecture empowers you to do this with minimal effort.

Command and control with C4ISR integration

CGI OpenSea360 integrates with your wider command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) capabilities. Pull in data such as tracks and video from a central C4ISR system and display it to crews, while feeding back information from CGI OpenSea360 to your central C4ISR function.

Assured data-protection

CGI OpenSea360 is designed to protect your data. It is underpinned by a highly configurable Linux operating system that includes:

 Role-based permissions, enabling you to share information on a need-to-know basis	 Optional encryption, to protect sensitive data	 Support for removable drives, so you needn't leave data unattended
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Systems and on-board cabling can be separated and screened, minimising the risk of compromising data security and integrity and can be set up for use in the most secure environments to achieve security accreditations

Working with you at every step of your mission

Your mission system sits at the very heart of your operations. We work with you as a partner to design, implement and support the right capability.

- **Designing a mission system that meets your needs**

We'll get to the heart of your requirements, drawing on our deep expertise of small-craft mission systems. This enables us to create you a hardware and software solution that meets your specific requirements and fits your wider boat procurement, build or upgrade programme.

- **Use official chart data**

We are an IHO-accredited manufacturer of S-63 compliant ECS products. This means you can access official chart data from your national hydrographic office in complete confidence.

- **Implementing your mission system**

Drawing on our extensive hardware market knowledge, we'll choose components suitable for your craft and missions and help integrate these into your boats. We will get everything configured to meet your unique needs.

- **Training**

We train your teams in how to use CGI OpenSea360 effectively, coming out on the water with you to get everyone up to speed. This gives you peace of mind that your mission system can be relied on and can evolve with you.

- **Through-life support**

Once your mission system is live, we'll be there to support you, either directly or via your existing support organisation. This can include periodic health checks, configuration refinements, component and capability upgrades, supply of spares, obsolescence management and problem diagnosis.



About CGI

Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are an IT Systems Integrator working to advise, build and operate bespoke, technically complex, mission-critical information systems. Bringing innovation to our clients using proven and emerging technologies, agile delivery processes and our expertise across space, defence, intelligence, aerospace and maritime, all underpinned by our end-to-end cyber capability.

For more information

Visit: cgi.com/au/cgi-opensea360