



nCENTRIC



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ABOUT US

Welcome to nCentric, where we leverage advanced technology to revolutionize maritime communication and collaboration. In today's digital age, where every second and every byte of information counts, our solutions ensure ships stay connected, informed, and efficient.

Our Pioneering Solutions:

Mobile Mesh Networks: Imagine a web of interconnected vessels, each communicating seamlessly with one another. Our mobile mesh networks ensure vessels stay interconnected, enabling swift data exchanges and ensuring no ship is ever truly alone at sea.

Ship-to-Shore Collaboration: Keeping teams in sync, irrespective of where they are, has never been this easy. With our ship-to-shore solution, not only do vessels stay connected with their home bases, but offices can now remotely access vital data, collaborate in real time, and ensure operations run smoothly.

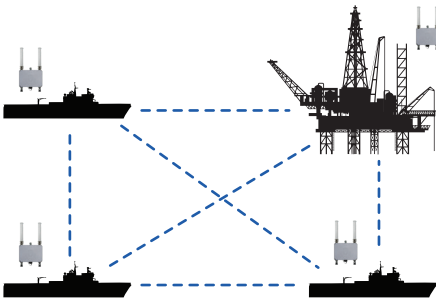
Why nCentric?

Information Sharing at Its Best: With our IP networks, ships can send files, plans, maps, and other data effortlessly to each other. No more delays, just efficient sharing.

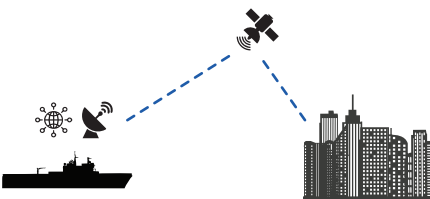
Eyes Everywhere: Equip your ships with IP cameras and sensors and watch as they transmit video and data to their counterparts. This isn't just about security; it's about better navigation, improved oversight, and operational excellence.

At nCentric, we believe in bridging the gaps, be it between vessels or between the sea and the office. Join us on this journey to create a more connected and efficient maritime world.

Ship 2 Ship



Ship 2 Shore



Applications



Remote Access



File Synchronization



Video 2 Shore

Ship 2 Ship

nCentric Mesh Radio



High Bandwidth – capable of supporting any mission critical data applications (video, file sync, Survey and Navigation data)

Long range- 3W of RF power to achieve +8km data links

Mobile Mesh – Self-forming and self-healing, dynamic zero delay

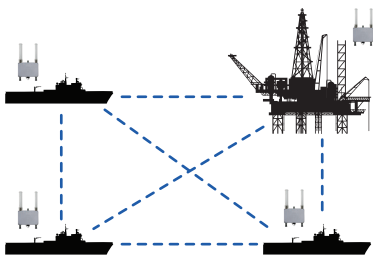
Encryption – built-in 256-bit AES encryption engine

Suited for harsh offshore environment

Easy installation: compact all-outdoor single unit

Ship 2 Ship

Vessel Mesh Network



Mesh Advantage

Self Configuring

Optimal routing paths determined automatically
New nodes added to network will be automatically configured

Self Healing

Constant optimization of routing paths to ensure maximum bandwidth

Scalable

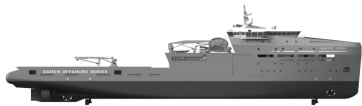
Adding new nodes improves reliability and bandwidth of network
No bandwidth loss over multiple hops

- ✓ Ideal for mission critical applications in between vessel e.g., video streaming, file sharing, navigation and survey data
- ✓ Auto-configuring and self-healing mesh network
- ✓ Modular dual-radio architecture
- ✓ Dual linearly polarized omni antennas
- ✓ Smart channel management
- ✓ Minimizes interference and maximizes bandwidth.
- ✓ Easy installation: compact all-outdoor single unit Suited for harsh offshore environment

SHIP 2 SHORE

Remote access from the office / Backhaul to the office

OFFSHORE



Full collaboration between offshore and onshore survey teams

Minimize offshore survey crew and maximize onshore support

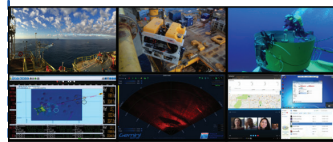
24/7/365 remote monitoring and support

Multi channel video streaming

Reducing vessel POB, improving logistics and overall operational safety



ONSHORE



Onshore Collaborative Environment

SHIP 2 SHORE

Remote applications



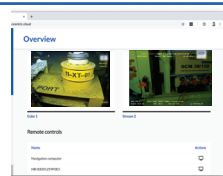
Remote Monitoring / Access

- Monitoring of equipment
- Remote access to the web interface of the device; Gyro, Multibeam, Laser, etc.
- Can be accessed 24/7 from any location onshore by the service provider, manufacturer for trouble shooting or support purposes.



Remote Desktop / Processing

- Take over your desktop system and perform tasks as if you were using their device directly on the vessel.
- Can be accessed 24/7 from any location onshore by the service provider
- Intelligent connection setup and routing, efficient use of bandwidth, fast data transmissions



Video Streaming

- Multi channel video streaming to shore (Analog, HDMI, Ethernet) – ROV, Deck cams or wearable
- Video streaming accessible from any where in the world
- Managed via a powerful easy-to-use web interface
- Secure login and flexible setup of viewing authority / Monitoring of viewing credentials