



Advanced Navigation. It's in the name.

Advanced Navigation is a global leader in APNT and autonomous system technologies. By leveraging capabilities in software-enhanced hardware, every solution delivers unrivaled capabilities and exceptional performance across land, air, sea and space applications where GPS is contested.

Made possible with extensive research, testing and vertically integrated manufacturing, the company has progressed into deep technology fields, including robotics, inertial, photonic and quantum sensing, artificial intelligence, underwater acoustics, and GPS antennas and receivers. Customers choose Advanced Navigation for rapid product delivery and unmatched technical field expertise.

Advanced Navigation is among a select few globally with vertically integrated manufacturing capabilities for strategic-grade fiber-optic gyroscope (FOG) inertial navigation systems (INS).



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Scan to view more detailed
product specifications, or visit
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DEFENDING SEA

Assured Maritime Navigation in Contested Environments



Positional Drift Compromises the Mission

Your maritime operations depend on knowing two things with absolute certainty: where you are and where the threat is.

Solutions We Deliver



With electronic protection capabilities, our inertial navigation systems support your maritime forces through navigating GPS-contested environments. This continuous and reliable source of PNT data means you know where your vehicles are, whether above or below the water. While others are guessing, you are targeting with precision, even during aggressive, high-speed manoeuvres.

Mission-Ready Navigation, Without the Wait

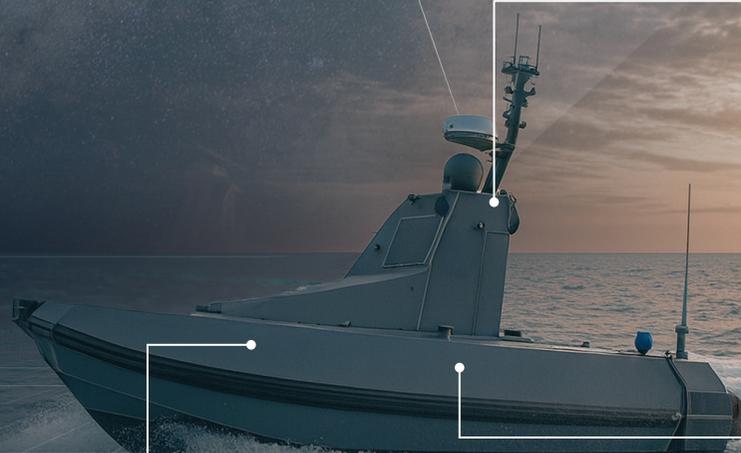
Long lead times and export restrictions can compromise your ability to build, deploy, and sustain naval platforms for critical missions. That's why our products are ITAR-free and supported by an expedited supply chain, giving you a faster, more predictable lead time to meet fleet modernisation and shipbuilding schedules.

ITAR FREE

MIL STD 461*

MIL STD 810

IP67 RATED



Certus Evo



Autonomous Navigation and Control

Certus Evo provides the reliable navigation and orientation data that serves as the core of a vehicle's guidance, enabling precise path-following and autonomous mission execution.

Boreas D50



Operations in GPS-Denied Environments

Boreas D50 delivers a continuous and accurate navigation solution, ensuring the vehicle can successfully execute its mission during periods of GPS jamming.

Certus Evo



Sensor Stabilisation

Certus Evo offers the highly accurate heave, roll, and pitch data required to compensate for sea state motion, ensuring platform systems accurately track and lock on targets.



Talk to our maritime vehicle experts
[advancednavigation.com](https://www.advancednavigation.com)

*MIL-STD 461 certification is applicable to our FOG range of products.