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COMMAND AND CONTROL NAVIGATION SONAR  
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OPENSEA AS A PLATFORM

# DEFINING CAPABILITY

## ABOUT GREENSEA

GreenSea is revolutionizing the future of ocean robotics through its open architecture software platform, OPENSEA®. OPENSEA provides next-generation technology and the capability to create a more efficient and sustainable future.

## WHY CHOOSE OPENSEA

Based on a common architecture and a central software library, OPENSEA grows stronger every day, with every dive, and by every hour underwater. OPENSEA is the most powerfully integrated autonomy, control, and navigation technology available in the offshore market today.



### PROVIDE CAPABILITY

Autonomy, navigation, control, and communication – everything needed to make your hardware ready to deploy.



### SUPPORT COLLABORATION

Open architecture makes the OPENSEA platform infinitely collaborative. Expand your vehicle's current capabilities or prepare for future adaptations.



### DRIVE DEVELOPMENT

Take advantage of the modular nature of OPENSEA to speed development time and contain costs while relying on the robustness of thousands of OPENSEA deployments.



### FUEL INNOVATION

Quickly stand-up commercial-grade robotic systems while focusing on higher-level technologies that will result in differentiation and advancement.

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# THOUSANDS OF VEHICLES ARE BUILT ON THE OPENSEA PLATFORM

## OPENSEA CORE COMPETENCIES

### AUTONOMY & VEHICLE CONTROL

- Vehicle control and stabilization
- Task-relative vehicle control
- Supervised autonomy for operator-assist
- Autonomy for unmanned operations

### HUMAN MACHINE INTERFACE

- Single-screen interface for optimal usability
- Mission planning and tasking
- Multi-asset coordination and interoperability
- Diagnostics, data logging, post processing

### NAVIGATION & LOCALIZATION

- High-accuracy positioning for autonomy
- SWaP-C optimized technologies
- Novel sensor fusing for state estimation
- Perception-based pose estimation

### COLLABORATION

- Open architecture
- Published API, ICD, developer resources
- UMAA, ROS, proprietary interfaces supported

## OPENSEA AS A PLATFORM

### OPENSEA ENTERPRISE PARTNERSHIP

OPENSEA Enterprise Partnership: delivers the on-going development needed to bring big ideas to light while providing an amortized payment schedule that eliminates any financial surprises or upfront costs. Monthly pricing is set with annual commitments (1-, 2-, or 3-year commitments based on the scope of work) and includes unlimited OPENSEA Enterprise Licenses. Enterprise Partnerships are recommended to keep pace with future technological advancements.

### OPENSEA ENTERPRISE LICENSE

Once development has been completed and further development is no longer required, Greensea provides OPENSEA Enterprise Licenses. Enterprise Licenses are annually renewed (1- or 2-year commitments required) and payments are made monthly. Licenses are sold in increments of 10 (example: up to 10 vehicles covered for Price Level 1; up to 20 vehicles covered for Price Level 2, etc.). Greensea does not provide additional software development under an Enterprise License but will provide limited technical support, if needed. Greensea recommends that manufacturers/developers consider maintaining an Enterprise Partnership to keep their software investment up to date with the latest technological advances.