



ODYSSEY™

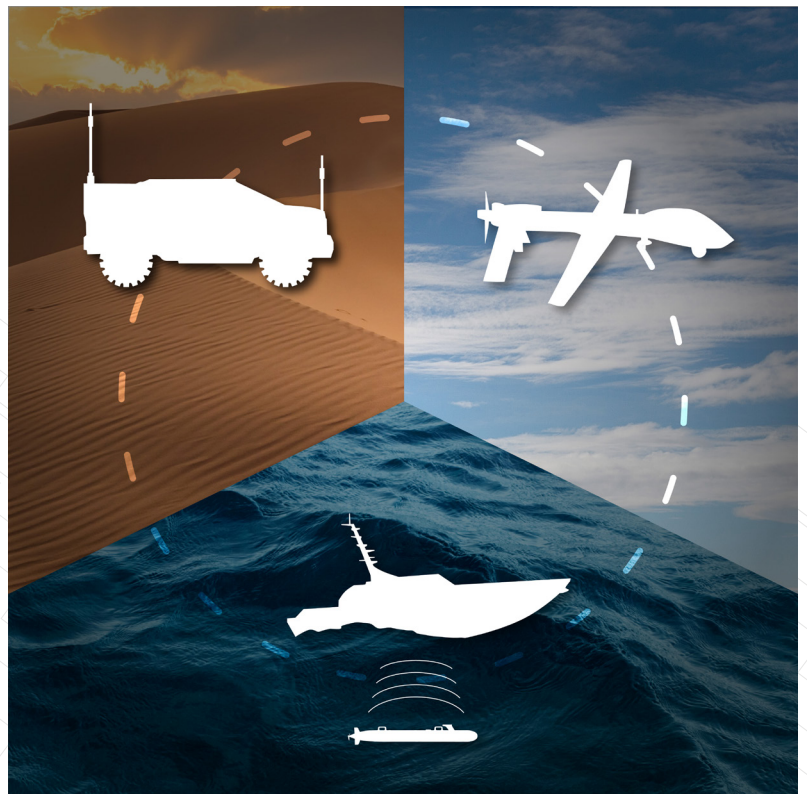
HII ADVANCED AUTONOMY SOLUTIONS

Advanced, intelligent autonomy solutions for platforms in any domain

HII's Odyssey suite transforms any vehicle into an intelligent robotic platform. Delivered from a variety of vehicle, module, and algorithm-level implementations across platforms, sensors, payloads, and missions, Odyssey enables multi-vehicle collaborative autonomy, sensor fusion, and advanced perception.

Capabilities

- Core autonomy solutions for manned and unmanned platforms
- Intuitive user interface for mission planning and monitoring
- General and mission-specific behavior libraries
- Static and moving obstacle avoidance
- System health monitoring
- Payload management and control
- Data management for secure storage and real-time or post-mission analysis
- Plug-and-play design easily integrates with customer or third-party sensors, payloads, algorithms, and interfaces
- Compatible with open architecture standards including UMAA, ROS, and DDS



The Odyssey Concept: Cross-domain collaboration of manned and unmanned platforms

Key Features

- Seamless integration on any manned or unmanned platform
- Scalable solution from human workload support to full AI-enabled autonomy
- Complete management of sensors, navigation, propulsion, vehicle control, and payloads
- Operational in limited or no bandwidth environments
- Enhanced situational awareness, collaborative autonomy, and health monitoring options
- Mature, trusted, and field-proven with 20+ years of development and testing



HII.COM

ABOUT US:

World leading autonomy and multi-domain autonomous systems making vast expanses of the earth accessible for defense, research and commerce.

LEARN MORE:

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Approved for Public Release