VOYAGER AI VESSEL

Enabling Optionally Uncrewed, Remote and Autonomous Operations

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With over two decades of global experience, Robosys Automation's VOYAGER AI software delivers a proven, preferred and trusted maritime AI autonomy solution.

Voyager AI Vessel provides a full stack autonomy solution for fully Autonomous Unmanned Surface Vessels (USVs) and associated Ground Control Stations (GCS) including enabling Advanced Autonomous Navigation, Platform & Payload Control. Voyager AI can also be retro-fitted to existing vessels for optionally Unmanned, Remote & Autonomous Operations.

KEY FEATURES

⇒ Proven autonomy at 45 knots +

⇒ IMO degree 4 autonomy since 2014

⇒ Real-time data fusion of Radar, AIS, ARPA and other sensors

⇒ Smart Object Detection using AI Computer Based Perception Systems

⇒ User Configurable Vessel, Mission & Operational Parameters

⇒ Integrated Platform Alarm, Monitoring and Control

⇒ Vessel, Propulsion and Sensor Systems agnostic

⇒ Loss of Comms (LOC) Mission Continuity

Collision Avoidance

High Speed Autonomy

Obstacle Avoidance

Alarm Monitoring

Anti-Grounding

Switch Control

COLREGS Compliant

Sensor Fusion

Remote Control

Autonomous Route Planning

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