


Vortex LLC

MEDUZA

Underwater reconnaissance system

Invisible guardian beneath the waves



14 DAYS OF ENDURANCE
Ø200 MM × 1000 MM PAYLOAD
30M DEPTH RATING
1.5M/S SPEED

MEDUZA system enables long-term autonomous observation, data gathering, and communication relay below the surface. It combines proven propulsion technologies with modular payload capacity and advanced control electronics.

Mission profiles:

- Covert reconnaissance and seabed mapping
- Passive acoustic and radio signal monitoring
- Communication relay via buoy or retractable mast
- Training and test platform for modular payloads

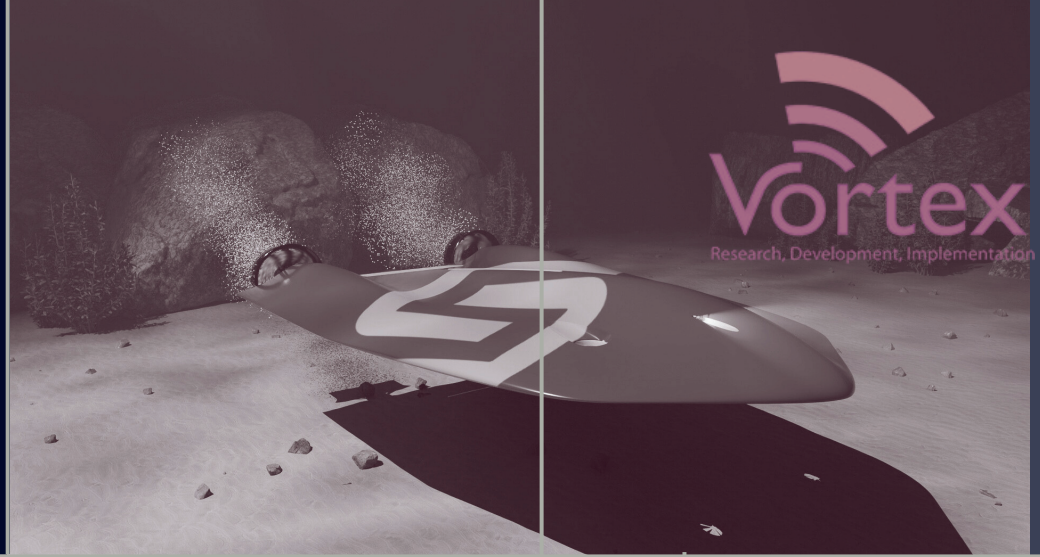


Vortex
Research, Development, Implementation

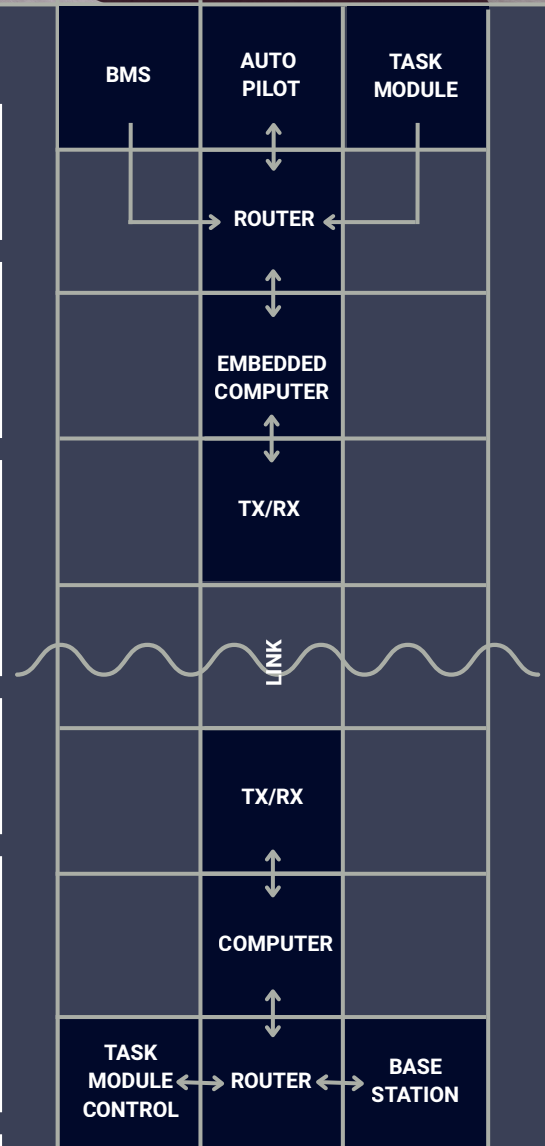


Vortex - solutions for uniformed services 100% made in Poland/EU.
We guarantee continuity in the supply chain and maintenance of deployed systems.

Technical Specification



Feature	Value	Operational advantage
Length	3-4 m	Compact for multi-role missions
Depth rating	30m	Covert and stable below detection range
Controller	Pixie-based	Open for integration
Propulsion & speed	2x Seacraft Future 1000 / twin T500 thrusters; 1,5m/s	Reliable & low-noise drive
Endurance	14 days	Long-term "lie-and-listen" missions
Sensors	sonar, LIDAR (LIvox), antenna buoy	3D mapping and comms capability



Vortex LLC
 certified supplier of
 reconnaissance systems
 since 1997, trusted by
 Border Guards, Polish
 Army and Police,

Full confidentiality.
Highest military
standards.