



MULTI-PURPOSE UNMANNED VEHICLE  
SWARM PATROL INTELLIGENCE PLATFORM  
FOR PORT SECURITY AND RESILIENCE

## Key components of the COLOSSUS platform



**ADVANCED SECURITY**  
24/7 perimeter patrolling



**EFFICIENT & SAFE OPERATIONS**  
Real-time awareness and positioning  
assistance



**PREDICTIVE MAINTENANCE**  
Continuous inspections and  
predictive monitoring



**UNMANNED OCEANIC  
PATROL VESSELS (UOPV)**

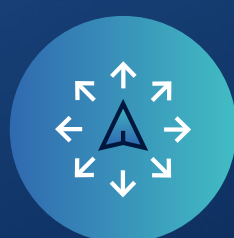


**UNMANNED AERIAL  
VEHICLES (UAV)**



**UNMANNED GROUND  
VEHICLES (UGV)**

**State-of-the-art hardware engineered to integrate seamlessly with  
commercially available unmanned vehicles.**



**AUTONOMOUS NAVIGATION**  
Intelligent swarm navigation for any  
drone type.



**AMPHIBIOUS 3D PERCEPTION**  
High-clarity 3D views on land and  
underwater.



**SECURE COMMUNICATION**  
Data sharing following European  
security standards.



**WEB PLATFORM**  
User-friendly interface for real-time  
monitoring, gathering all data.

VISIT: [colossus-project.eu](https://colossus-project.eu)



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