



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](http://colossus-project.eu)



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