Protect your maritime domain with a smart AI-driven solution

2CMDA

Protecting Critical Assets Offshore, Sovereignty and Control

With activities in the maritime domain shifting into the center stage, control of national Economic Exclusion Zones (EEZ), and coastlines becomes a high priority reassuring law enforcement, sovereignty and security.

Discover the Streamlined, Sensor Independent, AI-Driven Solution for Increasingly Complex Maritime Domain Challenges.

Sensor-Independent Maritime Domain Awareness (MDA)

Enforce security and control throughout your maritime territory

Protect marine resources and activities

Rapidly discover and alert of all abnormal activities

Leverage all sensors and information to expand maritime sovereignty

2CMDA from TSG provides the vital solutions that help you stem illegal exploitation of your maritime region and pursue commercial activity offshore, by converging surveillance, security, effective management and control of the maritime activity.

2C - See the full picture

2CMDA System continuously analyzes multiple data sources, including commercially accessible services, to detect, identify and track all the relevant objects at the sea area. The system traces, and responds to incidents at sea by using advanced AI/ML processing to highlight abnormal activities and predict potential risks.

SCALABLE WIDE-AREA COVERAGE

REAL-TIME SITUATIONAL PICTURE

BASED ON BIG-DATA OPEN SOURCE

AI/ML PROCESSING

AUTOMATED PROCESS

DECISION SUPPORT TOOLS

Tailored to your maritime control strategy and priorities, 2C facilitates instant response with real-time alerts

By fusing all data sources within a designated geographical region into a comprehensive situational understanding, 2CMDA generates automatic alerts in real-time to highlight only suspicious incidents and emergencies, even those that were not pre-defined by the system. 2CMDA utilizes adaptive learning and investigation tools, charts, heat maps, and timelines to rapidly assess and generate incident reports for follow-up action for occurrences such as:

Maritime Security

Illegal Fishing

Oil Theft

Smuggling Activity

Vessel Overtaking

Piracy

Maximize your maritime control with field-proven customized MDA solutions

2CMDA contains customized modules to support operational management and control of:

- Offshore Security
- Search and Rescue
- Environmental Incident Response
- Monitoring Offshore Resources and Fishery Fleets

Enhance your outlook of the maritime domain by tapping multiple data sources with smart AI analysis

Based on an open, modular and scalable architecture implemented on a secure cloud-based operation, 2CMDA access all relevant information feeds and databases to generate the precise and updated MDA picture.

Unlock the full potential of your maritime control with 2CMDA from TSG

With over 50 years of unmatched field-proven expertise, TSG is a trusted partner to the world's leading government agencies and military forces, enabling them to simplify complex challenges and accelerate the deployment of smart, yet functional C4ISTAR, Intelligence, HLS and Cyber Security Solutions.

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