

TRAKSAT MARITIME SUITE

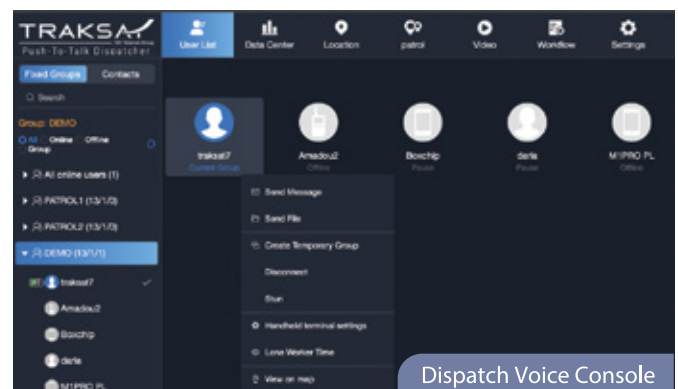
Push-to-Talk (PTT) Solution

The Push-to-Talk (PTT) Solution is a separate system from the Advanced GPS Tracking Platform. It delivers real-time communication through voice, video, and data, specifically tailored to maritime field operations. While it does include basic tracking for its devices, it excels primarily in workflows, patrol features, and multimedia collaboration.

VOICE COMMUNICATION

Conduct **group or one-to-one calls** over IP, cellular, Wi-Fi, or satellite (e.g., Starlink).

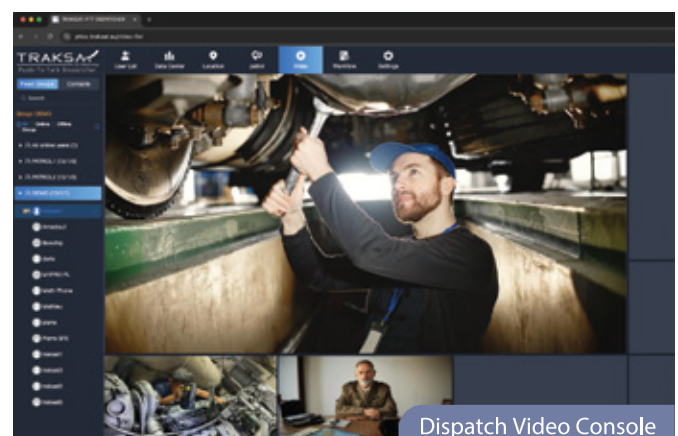
Create dynamic groups, initiate a group voice broadcast, and circle users on the map to call them all. Automatically record and log all your audio files.



VIDEO COMMUNICATION

Broadcast **live video feeds** from vessels to shore command centers or distribute video streams to multiple departments.

Realise multimedia video functions from smartphones, IP cameras or dedicated devices to allow real-time video interaction, retrospective record and evidence collection. Send encrypted **text messages, images, and files** to individuals or groups.

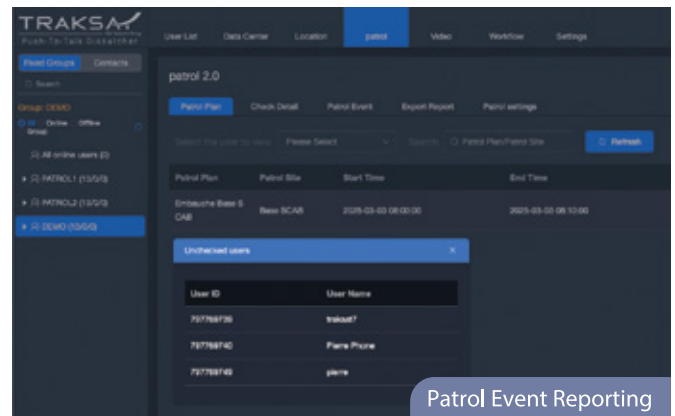


PATROL & WORKFLOW MANAGEMENT

Define and schedule **patrol routes**, assigning checkpoints to specific crew members or security teams.

Confirm each checkpoint visit via **NFC/GPS-based check-ins** along with incident reporting, image uploads, and real-time statuses.

Automatically notify the next responsible person or escalate critical issues with workflow triggers.



Patrol Event Reporting

INDOOR TRACKING

Utilise **Bluetooth beacons** to track personnel inside large vessels, ensuring real-time location visibility in areas where GPS signals are weak or unavailable.

Enhance **emergency preparedness** by guiding rescuers or technicians to precise onboard locations and instantly receive SOS alerts with exact crew member coordinates.

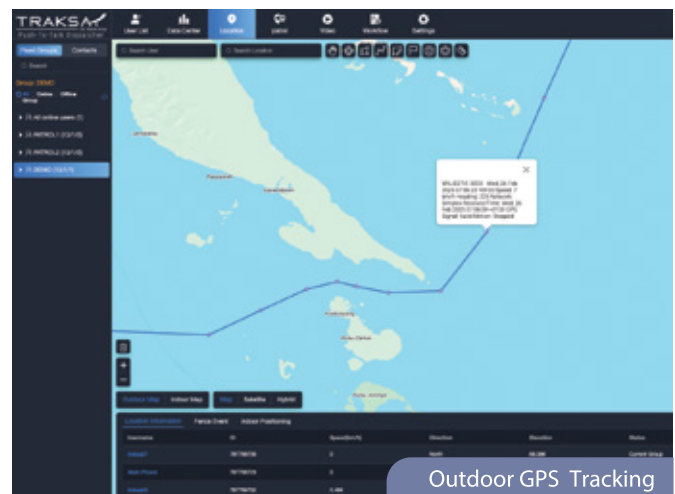


Indoor Crew Localization

OUTDOOR TRACKING

The command center can track **real-time locations**, review historical routes, and remotely coordinate personnel based on live data.

Enhance navigation and safety compliance by setting up geofences, mapping routes, adding POIs, and calculating distances. Interactive features like **location checks**, **SOS alerts**, and **circle call** enable seamless communication and quick response directly from the map.



Outdoor GPS Tracking

SEARCH & RESCUE (SAR)

Immediate group PTT calls among rescue teams, enabling coordinated efforts.

Real-time video transmission from the distressed vessel to onshore emergency personnel.

ONBOARD SECURITY & MAINTENANCE

Patrol check-ins ensure timely rounds and reduce human error.

Indoor mapping guides crew or security to the needed compartment for repairs or incidents.

COAST GUARD & NAVAL INSPECTIONS

Voice & video allow officers to assess suspicious vessels quickly.

Automated workflow tracks progress from initial detection to final clearance.