PRISMA RCC

Rescue Coordination Center Solution
**PRISMA RCC** is a sophisticated Search and Rescue operations planning tool, designed to assist operators respond to maritime and aeronautical incidents and accidents. The unique, innovative platform easily ingests various sources of data, enhancing the common operations picture. PRISMA RCC is a proven and tested mission-critical system that continues to save lives around the world.

**PRISMA RCC helps Search and Rescue (SAR) operators:**
- Fully integrated with Cospas-Sarsat MEOSAR distress alerting
- Incident management system based on IAMSAR recommendations
- Modern software technology with expandable data integration capability
- High-fidelity GIS interface with multi-layer information display
- SAR asset management and mission planning
- Flexible deployment with on-premise and cloud server hosting options

**Search and Rescue Capabilities**
- PRISMA RCC connects to numerous data services: AIS, ADS-B, Cospas-Sarsat alert messages, LRIT, asset tracking and others
- Easy to use graphical interface that allows the operator to:
  - Enter new SAR cases
  - Supplement an existing SAR case
  - Report critical information
  - Coordinate SAR missions
- Fast and accurate search plan execution using real-time data overlaid onto easy to use mapping
- Communicate with SAR assets and monitor SAR mission execution
- Optional drift modeling module for enhanced mission planning
- Enable GADSS autonomous distress tracking alerts management
Reporting
PRISMA RCC automatically generates reports for the recording and promulgation of information. With advanced report generation and database functions, PRISMA RCC enables analysis of incidents and responses for auditing, training, and regular filing purposes. As new data is processed in PRISMA RCC, it is organized and stored with timestamps.

Display
PRISMA RCC enables operators to view and display layers of intelligence on an advanced GIS display. The intelligence can be supplied from many external sources including radar, ADS-B, AIS, LRIT, VTS, and aviation flight systems. In addition, search areas and plans assigned to SAR assets can be shown with current and projected environmental data. To ensure the clearest of SAR pictures, the operator is able to add or remove layers to best display the SAR picture.

Asset Management
A SAR asset database allows for regular or dedicated assets and their characteristics to be recorded in the system. The capabilities of these assets is displayed when they are tasked with search planning and execution. If the SAR asset is carrying a positive reporting device such as AIS or ADS-B, it can be displayed to confirm its tracking against the search plan.

Safety
PRISMA RCC is much more than a rescue coordination tool. It is able to receive and record vessel and aircraft traffic safety data, giving agencies the ability to assess and distribute information so personnel and the public can avoid potentially dangerous situations.
A Heritage of SAR Excellence

TSi provides the most comprehensive portfolio of life-saving and tracking solutions in the industry today. As the global leader in MEOSAR satellite technology, TSi is the only provider of end-to-end solutions for search and rescue, from satellite ground infrastructure to mission control centers and rescue coordination centers. TSi has installed more than half of the world's MEOSAR satellite ground infrastructure and manufactures 25 percent of the world's registered beacons which are used by major aviation, marine and military customers including Airbus, Boeing, U.S. Coast Guard, British Royal Navy and several government agencies.

References

• USA – NASA & NOAA
• Australia – Australian Maritime Safety Authority (AMSA)
• Singapore – Maritime and Port Authority of Singapore (MPA) & Civil Aviation Authority (CAAS)
• UK – Maritime & Coastguard Agency (MCA)

saved over

48,000

lives since 1982