Vessel Tracking System

Reliable, real time vessel monitoring and tracking
Affordable fleet monitoring

Giving authorities control of their fleet

The SRT vessel tracking system is designed to offer affordable, yet guaranteed fleet monitoring. The use of multiple technologies permits our system to be easily deployed along any coastline, no matter the availability of coast monitoring locations – minimum cost, maximum functionality.

Rugged Vessel Transceivers

We offer a wide range of vessel transceivers suitable for installation on any vessel of any size or type. Each offers a wide range of security, installation and other configurable options to enable an optimised, proven and reliable solution that is practical for large or small scale roll outs.

Intelligent System Architecture

Our system merges terrestrial AIS and satellite sourced data transmitted by your vessels into a secure, powerful database located at a site of your choosing. Intelligent and highly configurable, our core system architecture is robust and scalable to suit your specific requirements.

Advanced display technology

Our advanced, intuitive and digitally enhanced GeoVS network and display applications enable you to quickly make sense of large amounts of real time and historical data – highlighting unusual activities and potential threats.

This all translates into enhanced maritime domain awareness and control across your entire EEZ and beyond.

We worked with SRT and their local partner to create a customised vessel tracking system within our available budget.

Minister of Interior
Our system provides a reliable real-time domain awareness platform which can be scaled and customized to fit any requirement and budget from a small port to a national system covering millions of square kilometers and tens of thousands of vessels. The intelligent feature of rapid and transparent data flow has a high degree of exceptional reliability and functionality combined with almost instant operational range.

Despite the highly competitive cost of our system, there is no compromise on performance and functionality. The full range of features include dual 20" HD display monitors, multi-screen and multi-user networking, historical reporting and error operating analysis, geo-fencing, alerts, and special annex security-related features. Reliable, scalable, flexible and cost-effective, our system provides the complete solution to reliably monitor and control your entire domain as illustrated in the picture.

MULTIFUNCTIONALITY:
This system is modular and highly configurable. It can be scaled from a single port or strategic area to a national fleet tracking system across an entire EEZ and beyond. You decide.

CONFIGURABLE:
Next-generation, intuitive digital technology combined with configurable features allows the system to be customized for your specific requirements. From where you want.

“...we now receive our entire national fleet reliably within our available budget."
Director of Fisheries

**Key Features and Functions**
- Advanced real-time 3D display of your maritime domain
- Historical tracking records
- Dynamic vessel filtering
- Historical vessel operations from the world's leading sealife AR provider, wasEarth
- Air + marine, secure vessel transceivers suitable for any vessel size or role
- Guaranteed service level
- Multiple user access to data
- Encrypted communications system for total security
The SRT Vessel Monitoring System comprises of multiple modular hardware and software elements, each of which can be configured to build the system you want today and then grow with your requirements into the future.

Transceivers

1/ AIS Identifier
- Fully integrated, dual battery or vessel powered AIS Class B type transceiver.
- Rugged IP68 waterproof with multiple anti-tamper and security features.

2/ AIS Class B
- Internationally certified IP67 waterproof AIS Class B with integrated GPS antenna.
- Exceptional performance and reliability with a wide range of customisation options.

3/ AIS Class A
- Small, integrated, and internationally certified AIS Class A transceiver.
- Feature rich with superlative reliability and performance.

4/ AIS Coast Station
- High performance network AIS coast station. Easy to install with maximum reception range.

Network & Display Systems

The scalable and modular GeoVS range of network, database and display solutions offer sophisticated maritime domain data fusion, handling and displays capability which deliver maximum MDA clarity and user functionality.

Real time data from multiple sources is fused, sorted and securely stored by the GeoVS HUB server application, which can then be intelligently interrogated and viewed by the GeoVS VIEWER in a variety of visual modes, including dynamic 3D.

About SRT Marine System Solutions

SRT Marine System Solutions provides customers with complete system solutions. Our expertise is in providing authorities with solutions to their maritime domain monitoring requirements. From creating a control system for the smallest waterway or port to a national scale system tracking all vessels within your EEZ, SRT Marine System Solutions can create a robust and fully interoperable system solution, delivered, installed, and maintained by one of our local partners.

About exactEarth

exactEarth, based in Cambridge, Ontario, is a data services company providing the most advanced information on global maritime traffic available today. Our premium service, exactAIS®, delivers an unrivalled view of the recognized maritime picture at a global scale. Offering fully secure data in a variety of industry standard formats and delivery methods, exactEarth’s data provides real value for a wide range of operational maritime applications delivering operational efficiencies, enhancing security, safeguarding the environment, and assisting in saving lives. For more information, please visit www.exactearth.com