



SRT

TECHNOLOGY | PRODUCTS | SYSTEMS

MDM

MARITIME DOMAIN MANAGEMENT

INTEGRATED MARITIME
SURVEILLANCE SYSTEMS

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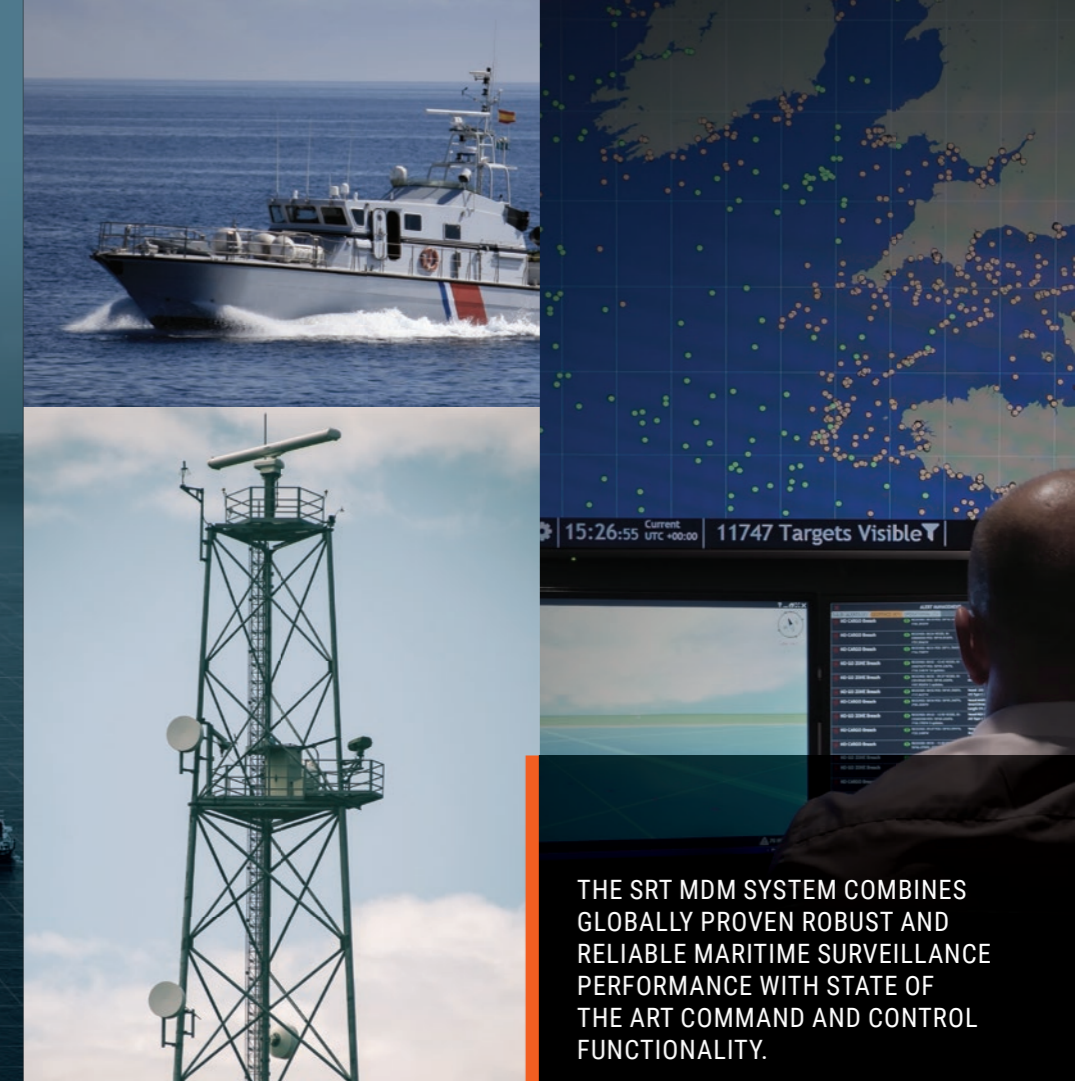
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THE SRT MDM SYSTEM

THE ULTIMATE INTEGRATED MARITIME SURVEILLANCE C³ SYSTEM FOR COAST GUARDS



THE SRT MDM SYSTEM COMBINES GLOBALLY PROVEN ROBUST AND RELIABLE MARITIME SURVEILLANCE PERFORMANCE WITH STATE OF THE ART COMMAND AND CONTROL FUNCTIONALITY.

SOPHISTICATED MULTI-SENSOR NETWORKED MARITIME SURVEILLANCE SYSTEM WITH NEXT GENERATION INTELLIGENT REAL TIME DATA ANALYTICS AND FULLY INTEGRATED COMMAND, CONTROL AND COMMUNICATIONS FUNCTIONALITY.

The SRT MDM system is a specialist national scale maritime surveillance system that delivers superior performance and an array of powerful functionality for governments, coast guards and other national agencies seeking to secure clear sovereignty and control of their EEZ.

Dynamic fusion and intelligent real time processing of data from multiple sensors, including AIS, Radar, CCTV, Sonar, Communications and Satellites maximises the value of data and delivers a new level of operator situational awareness and control. Continuously track and identify every vessel, no matter how small operating in or near your EEZ,

with automated behavioural analysis and configurable vessel activity parameters. Our system ensures suspicious activity is always highlighted for operator action.

Integrate extended networks of sensors (new and existing), and connect multiple operators in multiple locations with a single high integrity data set and a range of command and control functionality that ensures total co-ordination.

The SRT MDM system takes EEZ and maritime border surveillance, protection and management to a new level.

WHAT IS MDM?

MDM stands for Maritime Domain Management. It describes an advanced maritime surveillance system with specific specialist functionality for highly effective coast guard maritime surveillance and operations command and control.

PROJECT PLANNING & IMPLEMENTATION

We guarantee to deliver the system and functionality you require. Our support team have extensive experience in maritime monitoring and MDA. We will work with you to design and specify the exact system you require, followed by a turn-key installation, system financing and ongoing support and maintenance. Please contact us for references and credentials.

SYSTEM HIGHLIGHTS

REAL TIME EEZ SURVEILLANCE

Intelligent fusion of extended networks of multiple sensor types (AIS, Radar, CCTV, Coms), both terrestrial and satellite, coupled with advanced data processing, ensures real time surveillance and a high integrity common system data source.

TRUE C3 INTEGRATION

Fully integrated command, control and communications functionality, coupled with a sophisticated logistics support system ensures total operational co-ordination, efficiency and effectiveness.

DYNAMIC NETWORK ARCHITECTURE

Ensures future proof flexibility by enabling the simple addition of new sensors, control centres, operators and integration with existing systems and data sources.

SYSTEM SECURITY

Dynamic encryption between all system nodes ensures optimal use of available communication networks – wired and wireless – with no compromise to system security and performance.

INTELLIGENT DATA ANALYTICS

Intelligent data processing combines with configurable analytics to automatically identify and monitor potential threats and incidents.

THIRD PARTY FUNCTIONALITY

The MDM system includes operator functionality modules, such as VTS and VMS, that enable other national agencies to benefit from data generated by the primary MDM system sensor network in a controlled manner without compromising system security or coast guard operations.

KEY SYSTEM FUNCTIONALITY

- » Multi-sensor fusion and networking – AIS, Radar, CCTV, Satellite
- » Dynamic secure MESH network
- » Intelligent sensor data processing and analytics
- » Total EEZ coverage – no gaps
- » Real time secure multi-control room networking
- » Accurate real time vessel identification
- » Integrated operations logistics
- » Full incident management
- » Blue-force encrypted tracking
- » Integrated VTS and VMS functionality modules
- » Embedded system and data security
- » Intelligent vessel identification
- » Integrated chain of command communications and control



ABOUT SRT MARINE SYSTEMS PLC

EXPERTS IN MARITIME DOMAIN AWARENESS, OUR ADVANCED TECHNOLOGIES, PRODUCTS AND SYSTEMS COMBINE WITH YEARS OF EXPERIENCE TO DELIVER ENHANCED PERFORMANCE AND FUNCTIONALITY FOR MARITIME SECURITY, SURVEILLANCE, SAFETY, MONITORING AND MANAGEMENT APPLICATIONS.

For over twenty years, SRT has been the trusted and reliable source of high performance vessel tracking, monitoring and management systems for the global maritime industry, with a particular expertise in AIS based systems. We advise and supply navies, coast guards, fishery authorities, marine electronics manufacturers & system integrators, port and infrastructure owners and vessel operators located around the world.

Our advanced core technologies power our products with proven superior field performance and an array of sophisticated functionality. Functionality that empowers our customers with enhanced maritime situational awareness, decision making, and ultimate control over their marine domain.

SRT works closely with customers around the world to create solutions that are optimised and customised for their specific requirements.

Our proven technology and inter-operable product building blocks, coupled with unmatched in-house experience, expertise and technical resources ensure every customer has the very best solution for their requirements today, as well as one that is future proof and can grow and evolve in the years ahead.



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