

# SRT MARINE SYSTEMS PLC Digitising Maritime Domain Awareness

SECURITY | INTELLIGENCE | SAFETY | ENVIRONMENT





# Our Focus

We are dedicated to resolving the critical global maritime issues of security, safety and environmental sustainability.

We have a growing and proven heritage of developing and delivering a new generation of innovative products and solutions, powered by our proprietary digital technologies, that provide compelling solutions to a growing number of marine stakeholders worldwide.

The marine domain is digitising and so are our customers - from nation-states and coast guards to waterway authorities and vessel owners.

The problems we are solving:

National security and border control

Law enforcement

Environmental sustainability

Safety

Efficiency





# How We Help

Our innovative solutions solve a wide range of maritime problems.

**Security and surveillance** – we provide systems and technologies that enable nation states to understand maritime activity and secure their maritime borders and territories.

**Fisheries and environment** – we provide monitoring systems that help detect and prevent over and illegal fishing to ensure long term sustainable fishing and marine environment protection.

**Navigation safety** – we provide sophisticated transceiver systems that enable marine traffic to operate more efficiently and safely through enhanced digital navigation and communication.



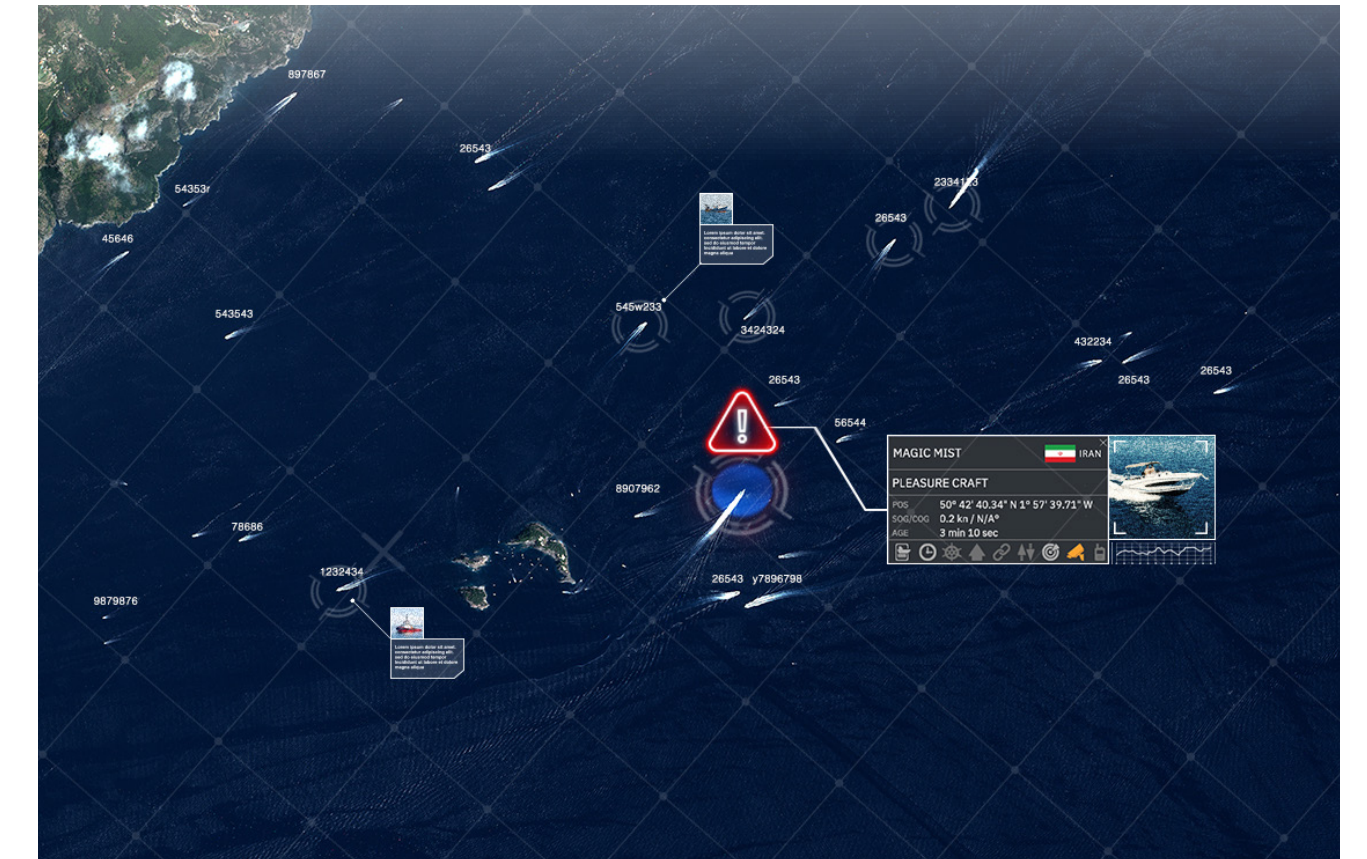
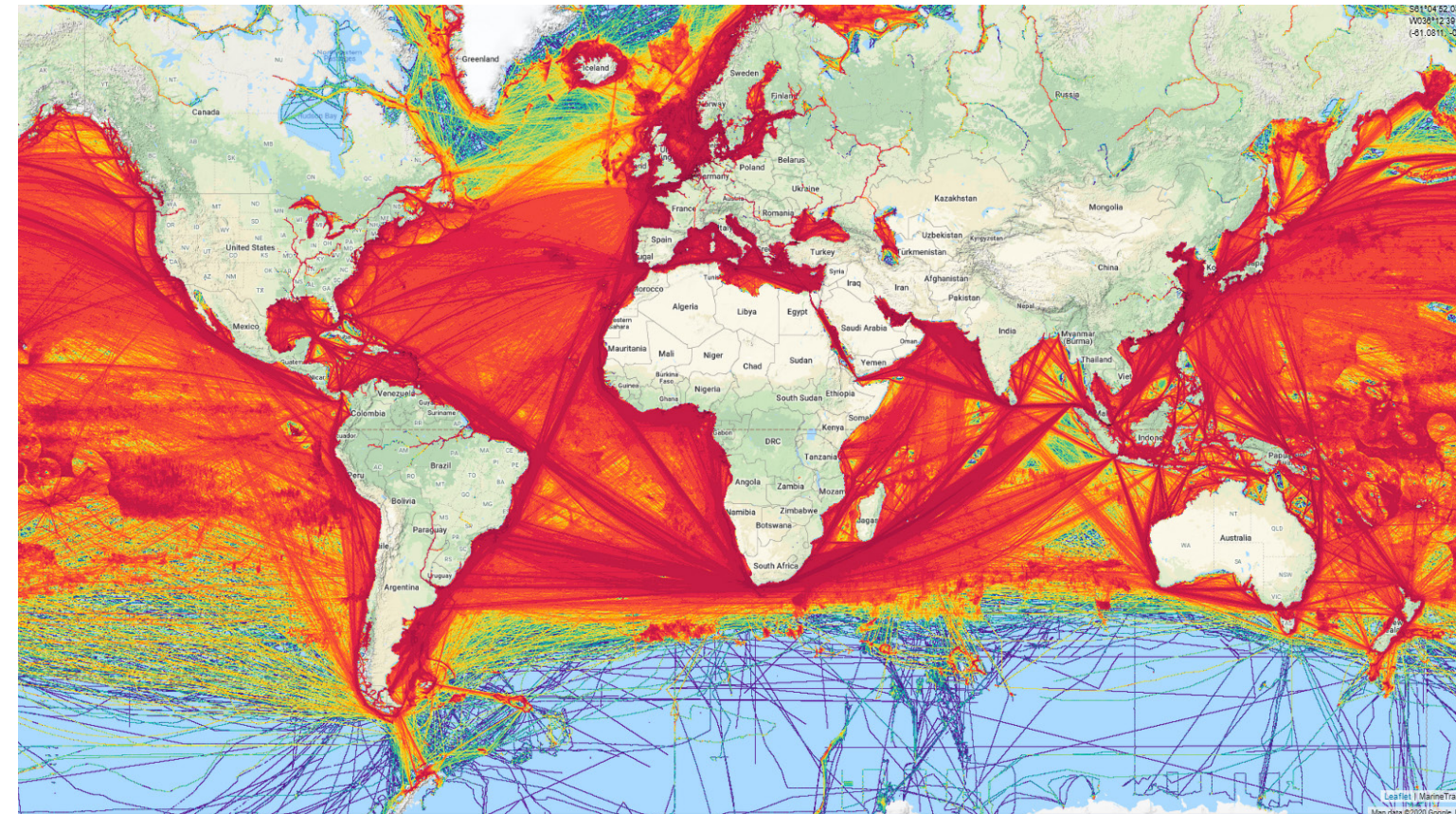


# A Global Market

## Digitalising the maritime domain

Digital technologies and solutions are fundamental to increasing security and enhancing operational efficiency. SRT stands at the forefront of these developments with a range of market defining solutions and technologies.

- **182 countries have coastlines** and maritime territories, most of which have minimal surveillance and monitoring.
- **33 million vessels** – most of which are not tracked or monitored.
- The sea is economically critical with **80% of global trade going by ship** and huge economic wealth under the surface.
- **New digital technologies** such as sensors, data process, AI, and visualisation are enabling a revolution in maritime domain awareness..



## What is Maritime Domain Awareness (MDA)?

MDA is the understanding of maritime activities through insight and intelligence. MDA enables informed fact-based decision-making to deliver enhanced safety and security and support key national objectives.





# Our Markets



## SURVEILLANCE AND SECURITY

### Our Opportunity:

Governments and coastguards require enhanced levels of intelligence to operate efficiently and effectively, with the ability to detect suspicious activities and monitor border incursions in real time. Today most have analogue systems with minimal capability.

### Our Solution:

A scalable, fully integrated maritime surveillance system with integrated AI driven intelligence and command & control that enables efficient national scale maritime situational awareness supporting efficient and effective operations.

### Our Advantage:

Advanced data fusion, Dynamic-AI and visualisation to deliver national scale, comprehensive surveillance and intelligence capabilities.



## FISHERIES AND ENVIRONMENT

### Our Opportunity:

Less than 2% of the world's estimated four million commercial fishing boats are actively tracked, monitored or managed. Governments are aware that they must protect their territory and ensure sustainable fishing to safeguard food security, employment and valuable trade.

### Our Solution:

Scalable, national scale fisheries tracking, monitoring and management system with a full array of fisheries functionality: tracking, licensing, catch reporting & auditing.

### Our Advantage:

A proven, fully integrated fisheries monitoring and management system able to operate cost effectively at a national scale.



## NAVIGATION AND SAFETY

### Our Opportunity:

Navigation safety and efficiency is going digital and is of increasing importance.

### Our Solution:

A range of digital marine transceivers that provide real time data and voice communications that support and enable digital and autonomous vessel operation.

### Our Advantage:

Proven range of digital transponders covering all relevant applications and vessel types.. With more than 400,000 supplied through our 5,000+ dealers, distributors and OEMs.



# SRT-MDA Surveillance System

Enhanced maritime surveillance, intelligence, and command and control for coastguards and national maritime security and border agencies.

The SRT MDA system is a comprehensive, national scale maritime system that delivers powerful functionality and a range of unique benefits.

Our systems takes EEZ and maritime border surveillance, protection and management to the next level and enables a step change in operational efficiency and effectiveness of coast guard and border agencies. .

## Key highlights

- Intelligent fusion of proprietary and **industry-leading sensor technologies** (AIS, Radar, CCTV, Coms)
- **Dynamic AI advanced analytics** provides enhanced target and event detection, with **automated behavioural analysis** and configurable vessel activity parameters.
- Ability to continuously track **every vessel** operating in or near a EEZ,
- **AR visualisation** and integrated digitised operator work flow provides enhanced situational awareness and ability to manage response missions in real time.
- **Modular and customisable**, with dynamic network architecture for future proof scalability.





# SRT-VMS Fisheries System

## Fully-Integrated Fisheries Management

### Professional fisheries monitoring and management system.

The SRT-VMS system enables cost-effective and efficient end-to-end, fully digitised, fisheries monitoring and management within a single system.

The innovative system enables and facilitates positive partnerships between national fishing agencies and fisherfolk by delivering clear benefits to all stakeholders whilst ensuring sustainable fishing and full regulation compliance.

#### Key highlights

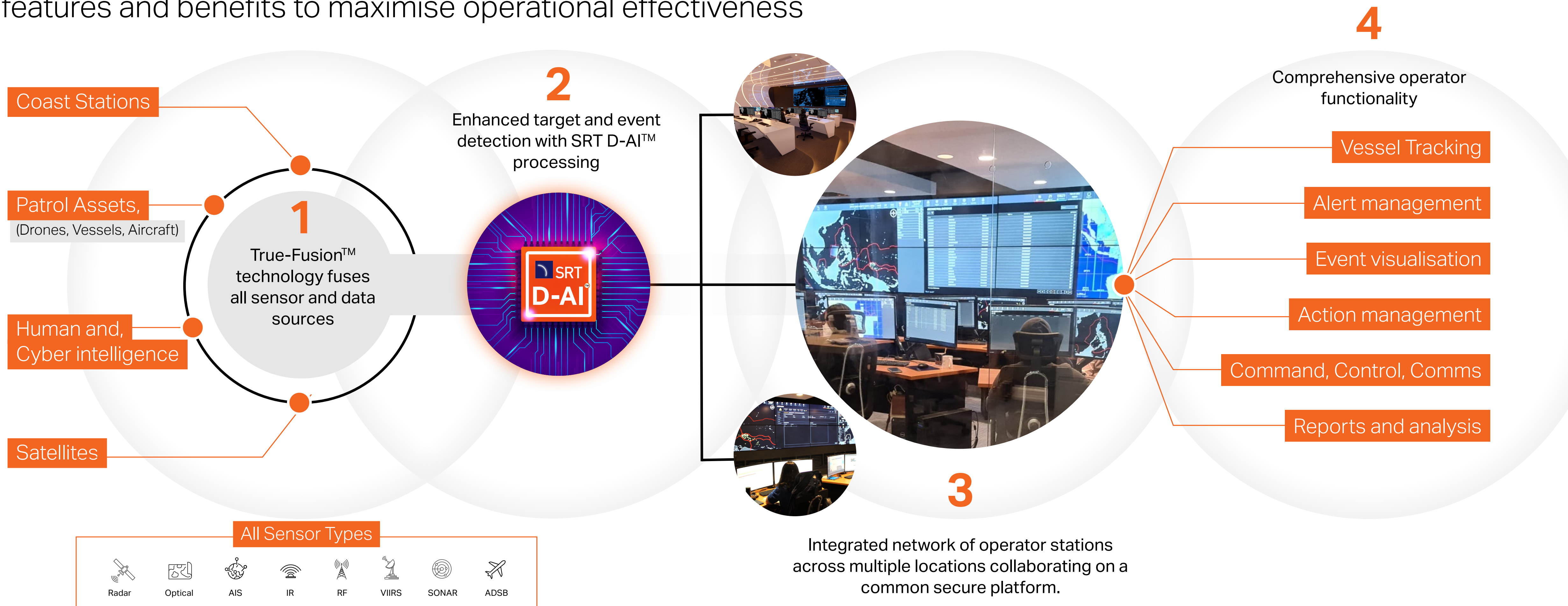
- **Exceptionally low implementation** and ongoing operating costs.
- **Real-time tracking and monitoring** of any fishing boat – from the largest to the smallest artisanal vessel.
- **Automated detection** and alerts to IUU events, with fully digitised management system.
- **Electronic catch reporting** and auditing.
- **Digitised vessel information system** for effective registration, licensing and quota management.
- **Advanced science-based aquatic modelling** helps identify optimal fishing areas.





# SRT-MDA Systems explained

Advanced system architecture provides a range of unique features and benefits to maximise operational effectiveness





# Navigation Safety: Marine AIS & VHF Communication Transceivers

The rapid adoption of AIS is delivering enhanced navigation safety around the world.

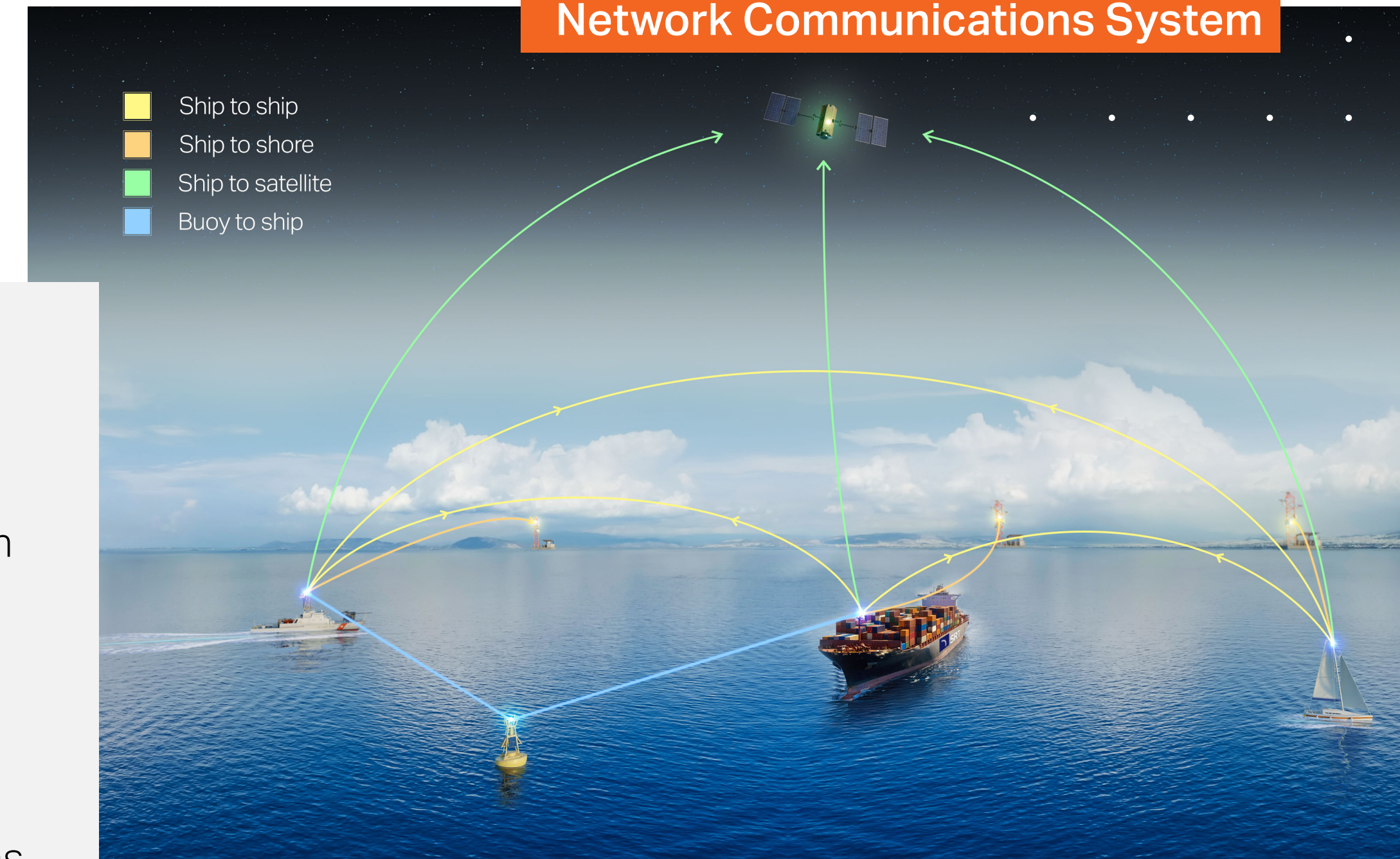
SRT is at the nexus of these shifts, with a market-leading range of products delivered through a global network of over 5,000 distributors, retailers and OEM partners.

With over **400,000 units** in the field, our products are proven for their durability and performance and are the preferred choice of mariners around the globe.

## Key highlights

- **Certified, class-leading AIS and VHF transceivers** to support the full breadth of commercial and leisure vessels
- **Real-time vessel-to-vessel communication**, independent of networks
- **Collision alerts**, avoidance mechanisms, and autonomy enhancements
- **Digital navigational aids** for efficient and autonomous commercial shipping
- **Ability to customise products** to suit customer requirements, including OEM branded solutions and configurations
- Already **embraced by +400,000 vessels** worldwide

## AIS - Real Time Marine Data Mesh Network Communications System





# Enduring Customer Partnerships.

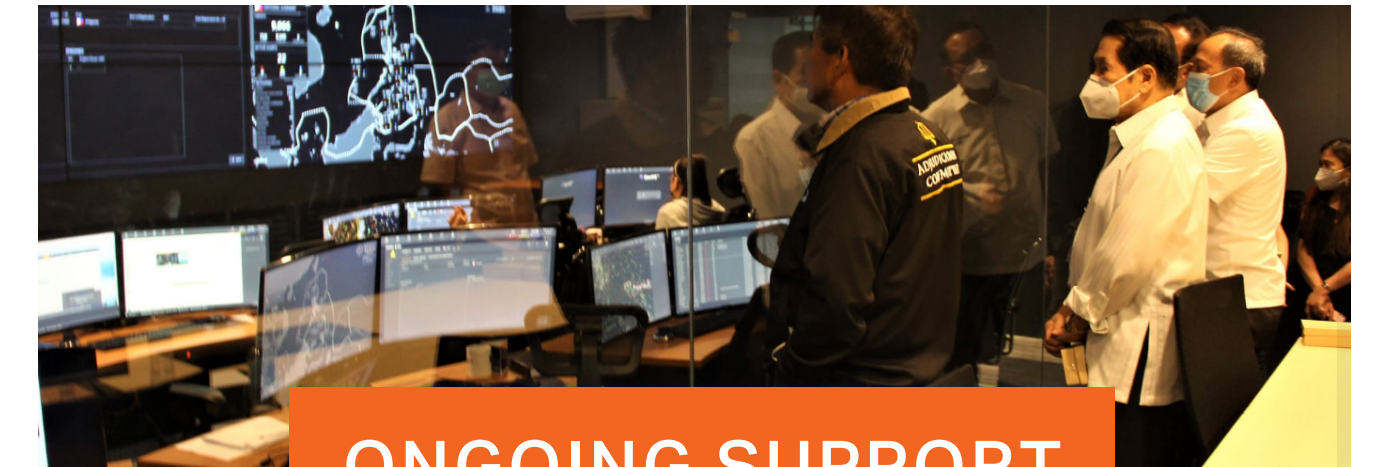
A shared passion for quality, performance, and ultimately, making the marine world a better and safer place.

Our collaborative approach is grounded in working with our customers to understand their needs in detail, creating bespoke solutions that meet their needs today and for tomorrow.



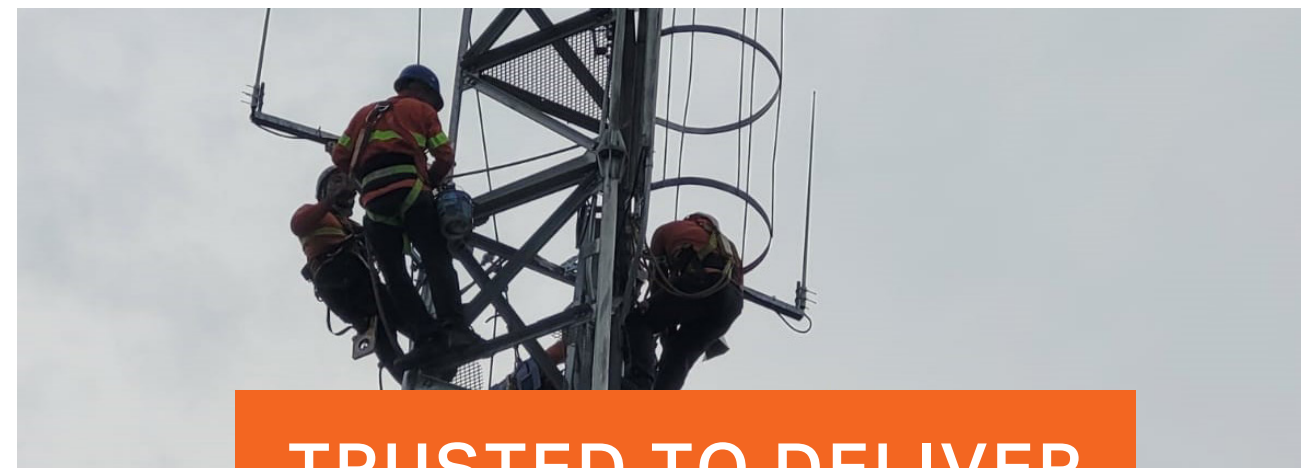
## LONG-TERM PARTNERS

**SRT develops and maintains long-term partnerships with its customers, creating mutual benefits and a trusted relationship.**



## ONGOING SUPPORT

**SRT customers enjoy the highest level of continuous support across the lifetime of the system.**



## TRUSTED TO DELIVER

**SRT are proven as a reliable partner to our customers around the world and over 30 years.**



## COLLABORATIVE

**We engage closely with customers to understand their requirements and integrate new ideas into our business, technologies and products.**



# SRT stands at the leading-edge, driving the digitisation of the marine domain.

**Solving real problems** across the maritime world.

**Global market growth** underpinned by long-term macro digitalisation trends.

**Proven products and systems** powered by proprietary technology to deliver enhanced performance and functionality.

**Reliable and consistent supplier** to over 5,000 distributors, partners and nation state customers.

**Committed and expert team of global professionals** to service growing world markets.

Let's explore how SRT can deliver a **safer and more secure future** for the marine sector and the globe.

**Thank you**