



AIS Class B & Identifier tracking range extended...

ABSEA, a revolutionary new technology jointly developed by SRT Marine Technology and exactEarth enables Class B and Identifier type AIS transceivers to be tracked beyond the range of terrestrial AIS networks. This unique capability offers a wide range of benefits and opportunities to our customers and their customers.

Space based AIS networks have always been able to receive a high proportion of transmissions from Class A transceivers. However, due to a blend of technical challenges inherent within the AIS protocol

Class B and Identifier transmissions have only been detectable terrestrially, resulting in a range of line of sight as per all VHF radio systems. ABSEA technology significantly overcomes these issues without effecting terrestrial operation and enables a high percentage of transmissions from Class B and Identifier AIS transceivers to be received and decoded by the growing exactEarth satellite constellation.

Authorities with large marine areas which are not able to be covered by a terrestrial AIS network, can now instantly fill in the gaps with supplementary

satellite received data and track even their smallest fishing boats using ABSEA enabled Class B and Identifier AIS transceivers. Whilst leisure and commercial vessel owners and operators can track their vessels globally using AIS, even with Class B or Identifier type transceivers.

SRT Marine Technology is committed in continuing to invest in the development of leading edge technology to ensure that our customers benefit from the most innovative and competitive technology and product solutions.

New technologies on the way

SRT provides customers with a glimpse into game-changing new technologies being developed which will open new opportunities.



One of the reasons customers choose SRT is because of our continuous core technology development programs. For over twenty years we have been at the forefront of global radio communication technology development with a specific focus on AIS since 1999. This continues today with new leading edge marine technologies and products under development that will expand existing opportunities and open new opportunities for our customers in the coming years. Giving our partners greater visibility of these innovations enables customers to plan ahead and make best use of them in their growing AIS and vessel tracking portfolios.

SRT SPOTLIGHT

Core product quality

Product quality is defined at the design stage.

Right from the start of a project, quality is at the forefront of our mind. Every detail is meticulously considered. Components are carefully selected and evaluated to ensure that they provide the performance and quality we expect, and are sourced from suppliers who will provide a reliable supply for many years into the future. The result is core technology which provides superlative operational performance and reliability in even the harshest marine environment over extended periods of time.



The world's lowest cost fleet tracking system

SRT Marine System Solutions, a division of SRT plc, and its global network of partners can now deliver an ultra low cost, high efficiency fishing fleet identification and monitoring system.



Leveraging an extensive portfolio of vessel and shore-side transceivers, network and display, and now including the availability of supplementary satellite tracking data courtesy of ABSEA technology, SRT has created the world's lowest cost maritime domain awareness system. Even the smallest fishing vessel can be reliably and securely tracked over extended areas, with threats and unauthorised activities immediately alerted to authorities. Our system is modular and scalable thus enabling authorities to start small and grow their operations. We also offer a combination of outright purchase and lease programs with no upfront costs and simple monthly payments. As with all SRT products our systems are delivered by a global network of established, well trained and supported partners who customise the final system for local requirements.



GeoVS 3D digital reality technology starts a revolution

GeoVS visualisation technology significantly enhances operator efficiency and maritime domain awareness. Ports, infrastructure operators, Navy, Coast Guard and Police are discovering the significant enhancements to their existing display systems that real time, seamless 3D visualisation delivers.

See the video



World's lowest power consumption AtoN

The SRT family of AIS Aids to Navigation products offer revolutionary power consumption efficiency which is 50% better than non SRT based devices: verified by independent EU test labs. In most situations this directly translates into lower cost, easier deployment. In addition to this our AtoN products offer a full feature set, and are designed to be future proof so that customers have the flexibility to add new functionality.

RECENT EVENTS

- Global** OEM and PCA customer base and product portfolios expanded.
- Asia** Identifiers involved in six trials for national fleet tracking programs.
- Europe** SRT's Class A continues to be the market leader for the EU Fishery and Inland waterway mandates.
- Global** GeoVS 3D visualisation technology used to enhance security and safety at major oil & gas installation.
- S. America** SRT deploys AIS coast stations and Identifiers for fishing boat tracking.
- Middle East** Hundreds of Carbon AIS AtoN deployed.
- Global** SRT receives \$6.5m order for Identifiers to be used to track national fishing fleet.



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