Real-Time Advanced Ship Tracking Solution

As a result of the alliance between exactEarth and Harris Corporation, real-time global maritime vessel tracking is now a reality, providing unprecedented performance for all of your global AIS and maritime information needs.

Leveraging 58 hosted payloads on the Iridium NEXT constellation, global, continuous, real-time satellite AIS coverage is provided with exactView RT powered by Harris.

This new satellite AIS architecture encompasses the complete maritime domain with real-time, continuous satellite coverage. The satellites are networked together with crosslinks and constantly communicate with multiple ground stations, customers receive AIS data in real time.

exactView RT powered by Harris

**Key Features**

- Global average revisit less than 1 minute
- Customer data latency less than 1 minute
- Reliable detection of both Class A and Class B AIS messages, including small vessels with ABSEA™ equipped AIS transceivers
- Support for the future evolution of AIS to support VDES and other initiatives in the maritime VHF band

**Benefits**

- Providing you with the single source of truth for all your AIS data needs
- Immediate awareness of maritime incidents in your waters
- Maximise the efficiency of your resources using the most complete and up-to-date vessel picture available

The new service will leverage the persistent global coverage and real-time connectivity of the Iridium NEXT constellation through the implementation of 58 hosted payloads covering the Maritime VHF frequency band.
exactView RT powered by Harris is the most advanced satellite AIS infrastructure, creating an unrivaled AIS detection capability for global maritime shipping by utilizing:

- Persistent global coverage and real-time connectivity from the VHF payloads
- Reconfigurable Harris AppSTAR™ payloads leveraging exactEarth’s patented AIS detection algorithms
- Fully reprogrammable payloads from the ground that can support multiple onboard applications

exactView RT powered by Harris combines simultaneous global satellite coverage, instantaneous downlinking of AIS information, patented message processing for best-in-class vessel detection rates and an architecture that not only allows for real-time data delivery, but also provides significant flexibility and reprogrammability that can adapt to the ever-changing maritime industry. These advancements represent the most optimized global satellite AIS solution for maritime domain awareness.