

Iridium CertusSM for Maritime

Reliable communications at sea



THE CRITICAL COMMUNICATIONS COMPANY



With Iridium Certus, maritime organizations can rely on seamless connectivity to fuel their daily business operations, safety services, IoT applications and crew welfare. Built for the maritime market, Iridium Certus has the fastest L-band broadband coverage on the planet. Iridium Certus guarantees comprehensive coverage no matter your location, nearby terrain or weather.

Iridium CertusSM is a service platform powered by the Iridium® NEXT constellation. With comprehensive coverage and a range of speeds up to 1.4 Mbps, it delivers global, reliable, enterprise-grade services while redefining the capabilities of mobile satellite communications.

Iridium Certus is optimized for all aspects of shipboard operations, from simple email to complex system management of onboard sensor systems. Iridium Certus also provides connectivity for crew welfare, messaging, social media and phone calls.

When paired with Speedcast's Maritime and Offshore VSAT, Iridium Certus delivers an ideal hybrid solution that combines L-band with Speedcast's global Ku-band VSAT service. Iridium Certus keeps operations running in the case of an outage or blockage by providing guaranteed back-up voice and data services. Out-of-band management (OBM) tools allow Speedcast to quickly troubleshoot any VSAT issues to ensure smooth operations.

ONE PLATFORM, MANY CAPABILITIES

- A single platform for three high-quality, configurable voice lines, IP data speeds starting from 352 Kbps, upgradeable to 704 Kbps (via firmware upgrade). Highest speeds will reach up to 1.4 Mbps
- Streaming IP service up to 256 Kbps (available later in 2019), Short Burst Data service (SBD), prepaid services, and safety services
- Iridium Certus is certified to offer the Global Maritime Distress Safety System (GMDSS) – expected by 2020

ROBUST AND FLEXIBLE

- Redundant design: Iridium's network of 66 Low-Earth Orbit (LEO) satellites is a fully-meshed global canopy with high-speed cross-links designed to deliver uniform coverage and high-data speed
- Robust, lightweight and easy-to-install terminal without moving parts
- Omni-directional antenna that automatically connects with the closest Iridium satellite
- Specially designed, competitive price plans allow full flexibility to meet any usage requirements

IRIDIUM CERTUS MARITIME TERMINALS

Cobham SAILOR 4300

Compact and easy to install, the Cobham SAILOR 4300 terminal provides exceptional L-band satcom performance and reliability. It ensures that your link to the Iridium® NEXT network is always available so you can operate safer, smarter and more efficiently.

Available in bulkhead and 19-inch rackmount configuration, SAILOR 4300 offers speeds suitable for data-heavy applications, including: videoconferencing, multi-user Internet/VPN, IoT and telemedicine. It also supports regular applications, such as email, electronic forms/reporting and crew communication.

Cobham SAILOR 4300

Antenna

- Size: 38 cm diameter x 23 cm height
- Weight: 7 kg
- One cable connection to BDU

Terminal

- Bulkhead and 19" rack versions
- Telephony: Three independent voice lines
- Data: Supports Iridium Certus 300 - Up to 176/352 kbps; Supports Iridium Certus 700 - Up to 176/704 kbps

VesseLINK™ by Thales

VesseLINK™ by Thales gives your critical marine operation global communications coverage. VesseLINK comes with an intuitive, user-friendly interface and can be quickly integrated into existing vessels or new fleets. It also includes built-in upgradeability to extend the life of your investment and ensure peak speed and performance.

VesseLINK

Antenna

- Size: 12 in x 9 in x 3 in (30.5 cm x 22.9 cm x 7.6 cm)
- Weight: 7.5 lb (3.4 kg)

Terminal

- Data: IP data sessions up to 700 kbps (down)/ 352 kbps (up), Streaming up to 256 kbps (future)
- Three high-quality voice lines
- Location tracking

SPEEDCAST VALUE ADDED SERVICES

Speedcast has designed a range of services to optimize Iridium Certus connectivity. From monitoring connections and devices to technical support access, Speedcast offers customers fully-tailored solutions.

SpeedMail+

SpeedMail+ is a secure, cloud-based maritime email system that delivers email and file transfer services between ship and shore.

Online Business Management Platform

A complete business management tool that lets you monitor and manage accounts or your fleet, as well as perform everyday SIM management tasks.

SIGMA Family

Speedcast's powerful VSAT and MSS network management devices for the maritime sector provide automated management of multiple WAN links and facilitate network segmentation between business critical safety, security and communications operations, and crew communications and entertainment.

Cybersecurity as a Service (CCaaS)

A suite of applications and services to protect against evolving cyber threats. CCaaS combines a unified threat management system and end-point protection, ensuring your vessels and operations are operating securely.

ENDLESS OPPORTUNITY WITH SPEEDCAST ATLAS

Speedcast Atlas is an all-in-one solution, a way to build a communications strategy that fits your exact business needs, no matter what they are.

Atlas organizes Speedcast's vast inventory of connectivity solutions, network applications and professional services into a comprehensive, yet extremely flexible framework. Speedcast Atlas is one experience with endless opportunities.