

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 704kbps, 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 22 Kbps to 704 Kbps
- Streaming IP service up to 256 Kbps, 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 2021

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
- Secondary data flows: ability to distinguish multiple data flows over Certus and dedicate data flows for certain applications.

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. 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

Intellian C700

The C700 delivers unparalleled features and value to users at both a technology and operational level, making it ideal for both vessel operations and crew welfare services. It offers features such as three high-quality voice lines, a built-in 3G/LET WAN port, soft PABX, and is GMDSS-ready. The industry leading 3-year warranty policy and global service partners provide customers with reassurance and dependable communications.

Intellian C700	
Above Deck Unit	Dimensions: 370 x 270mm (14.5in x 11.0in)
	Weight: 7.3 kg (16 lb)
Below Deck Unit	Dimensions: 280 x 183.5 x 41mm (11in x 7.2in x 1.45in)
	Weight: 1.2 kg (stand-alone type) (2.6 lb)
Terminal	Voice: Three simultaneous HD voice lines
	IP Data (Background) Uplink: Up to 352 Kbps/ Downlink: Up to 704 Kbps
	IP Streaming Uplink/Downlink: Up to 256 Kbps

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.

SpeedMail+

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

SIGMA Services Suite

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

Speedcast Cybersecurity solutions combine the best of content filtering, lightweight synchronization designed for remotely connected sites, monitoring and reporting consoles, and distributed access to ensure customer sites operate safely and securely.

Speedcast IoT Solutions

Speedcast offers custom-fit IoT solutions that are technology-agnostic. With a broad portfolio of devices and networks across satellite, cellular and other shorter-range wireless technologies, we provide maximum flexibility and fit for complex customer requirements.



Catered for Service Providers

Simplify billing and service management with Speedcast's IBIS platform. It has everything you need to serve your satellite communication customers and more.

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