



Fiber-equivalent, fleet-wide guest and crew connectivity solutions

Transform the Guest Experience

03bMarket Solutions for Maritime are revolutionising network connectivity at sea for cruise vessels. 03b delivers a truly immersive broadband experience at sea providing unrivaled guest satisfaction, increased revenue generation, enhanced guest experiences, and greater IT operational efficiency. Cruise lines will benefit from the highest possible data rates available in the market and the industry's lowest latency at sea, with internet speeds comparable to performance found onshore.

Connect, Engage and Entertain

The unparalleled network performance and flexibility of 03b and SES's Medium Earth Orbit (MEO) and Geostationary Orbiting (GEO) satellite constellations, combined with extensive terrestrial network capacity, ensure cruise-goers can always connect and engage virtually with colleagues, friends, and family while at sea or in port.

03b provides:

- Scalable, fleet-wide low latency, fiber equivalent satellite broadband capacity
- A branded portal from which cruise lines are able to offer multiple connectivity plans
- Full streaming capabilities to support content streamed from content delivery and cloud-based service provider networks
- Support for real-time data, voice and video applications

Key Features

- Low latency, resilient global MEO, GEO HTS satellite connectivity in Ka, Ku and C bands
- Fully managed network solutions with full visibility of service levels
- Global infrastructure linked to major internet peering points
- Customisable fixed price monthly guest passes
- Quality of Service (QoS) network traffic mapping, monitoring and advanced performance reporting
- Industry-leading redundant, compact advanced tracking antennas (no VSAT hardware needed)
- State-of-the art equipment above and below deck
- Modems/basebands are available from iDirect, ViaSat, Newtech, and Comtech
- 24x7 Network Operations/Satellite Operations Centre

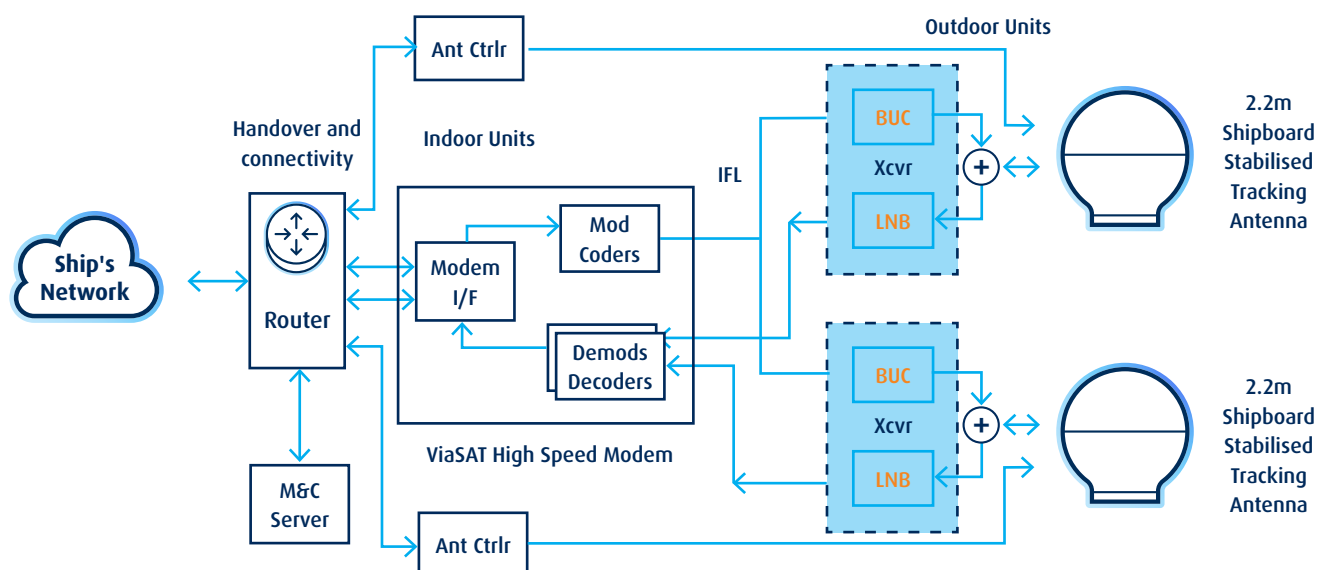
Benefits

- Enhance the overall passenger experience to increase customer retention rates and repeat business
- Increase fleet-wide and individual ship network capacity and throughput on-demand (unlimited data)
- Guarantee service quality and network optimisation
- Customise SLAs, coverage areas and usage schedules
- Gain insights from remote control over onboard data
- Guarantee network uptime and consistent Quality of Experience (QoE)

"With 03b we have added a dimension to cruising that has never existed before."

Royal Caribbean International, Miami

Maritime Solution Architecture



03bMarket Solutions for Maritime enhance the cruise guest experience and generate new revenue streams for cruise operators. 03b's unique package of the latest entertainment and communications applications is delivered fleet-wide via low latency Medium Earth Orbit (MEO) connections with data rates up to 1Gbps throughput capacity. Backup/failover capabilities are provided by Ku/C band Geostationary (GEO) connectivity to ensure maximum uptime (up to 99.7% availability) for integrated onboard data, voice, and video services with redundant shore-side connectivity to ISP and peering points.

Scalable, Dedicated Capacity

Cruise ship operators can scale dedicated, low latency bandwidth per ship and fleet-wide as needed. Capacity is provided via steerable tracking beams, dual tracking antennas, and redundant gateways. End-to-end service management is available to guarantee up to 99.7% availability, with seamless handovers in the event of blockages. With little upfront cost, and without the need for traditional VSAT hardware, cruise line operator investments and risks are reduced. 03bMarket Solutions for Maritime also include 24x7 network monitoring, remote hands, and real-time updating of route data.



Learn more about 03bNetwork Services, 03bPerformance Services and 03bMarket Solutions.

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