

GE – Satcom is a global provider of satellite communications services with over 10,000 network sites in more than 130 countries, offering broadband satellite connectivity across land and ocean from small groups of vessels operating regionally to commercial fleets across global shipping routes.

Satlynx Maritime provides a sophisticated platform through which an innovative triple-play service can be easily multiplexed into any cabin, technical or recreation room combining telephone, Internet access and a range of TV content including daily news, sports highlights and a selection of magazine shows.

The service automatically switches between cost effective monthly flat-rate Ku-band satellites, and usage-based Inmarsat or Iridium, according to the lowest cost available. This gives it independence from any single satellite system, reduces cost of operation, and delivers more for those on-board ship.



GE - Satcom has two teleports, one at its HQ and operational centre in Backnang, Germany, the other in Leuk, Switzerland. It has a full time commercial presence in the Benelux, France, Poland, Switzerland and the UK.

GE - Satcom experts are available to answer your requests and to take your project from idea to operational reality.

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imagination at work

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Satlynx Maritime



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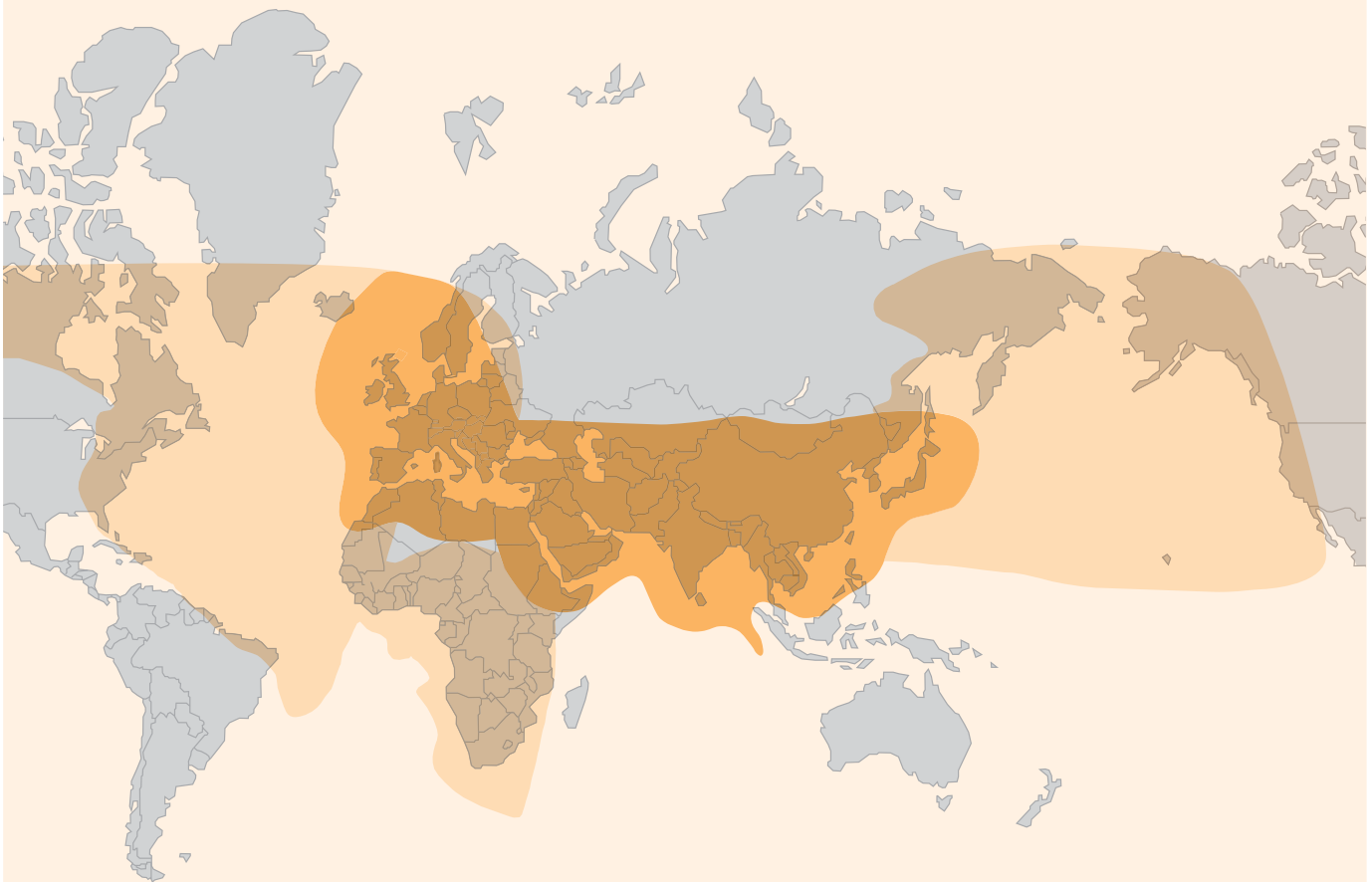
Solution Overview

Satlynx Maritime solution is based on a triple-play IP service, comprising three optional satellite platforms: Ku-band VSAT extensive seamless coverage, Inmarsat, and Iridium, with the capability to work in synergy through a least-cost routing system and an Automated Beam Switching (ABS) feature.

The least-cost routing system utilises the Ku-band VSAT as the least expensive satellite path, only switching to Inmarsat and Iridium services during periods of non-availability. The routing system will either provide accessibility to all applications, or the most critical services as predefined by the customer.

This objective is to ensure that transmission on every vessel is maintained at all times while travelling through Ku-band beams and in-between through beam switching with ABS and re-routing via the different communication paths available.

Satlynx Maritime: Seamless Service Coverage Map



For illustrative purposes only

- In Service
- On Demand

Customer Benefit



We recognize that for all of our customers in the maritime business it is paramount to keep operating efficiencies as high as possible year-in and year-out. With Satlynx Maritime, it is feasible to build a network management system for a whole fleet, enabling maritime operators to provide up-to-date charting and routing information, monitor vessel location and progress, fuel levels, consumption rates and engine performance.

Satlynx Maritime offers the possibility to control network communications costs, through system optimisation whilst using predominantly fixed monthly charge services. The value proposition from Satlynx Maritime is to lower the cost of operation and increase availability of service whilst delivering improvements in operational efficiency and enhancing crew welfare through a value for money bundle of features.

Crew Experience



Satlynx Maritime will enhance crew life during time at sea by delivering a wide choice of quality TV entertainment, as well as providing instant access to Internet applications, and an "easy to use" crew calling system.

All crew members will be able to easily stay connected whilst onboard with their family, friends and the rest of the world, whenever they choose to do so.

Key Advantages

- Fixed rate monthly tariff
- Monthly rental or outright purchase of equipment options
- Beam switching technology between regions
- Least cost routing between satellite paths (VSAT/Inmarsat/Iridium)

Increased Service Availability

- Multi-regional coverage
- 24/7 over most commercial shipping lanes
- Enhancement of crew welfare
- Remote fleet performance monitoring
- Reduction of maintenance and operational costs

Applications

Comprising

- Home-like plug & play Internet
- Pre-paid telephony system
- Bouquet of TV content

Enabling

- Location tracking
- Eco-routing
- Performance monitoring of on-board systems
- Remote on-line IT equipments trouble-shooting, software updates and virus protections

Typical Users

- Freight vessels
- Container vessels
- Oil tankers
- Gas tankers
- Floating Production Storage and Off-loading (FPSO)
- Oil & Gas barges
- Super Yachts
- Military fleets
- Cruise lines
- Ferries

