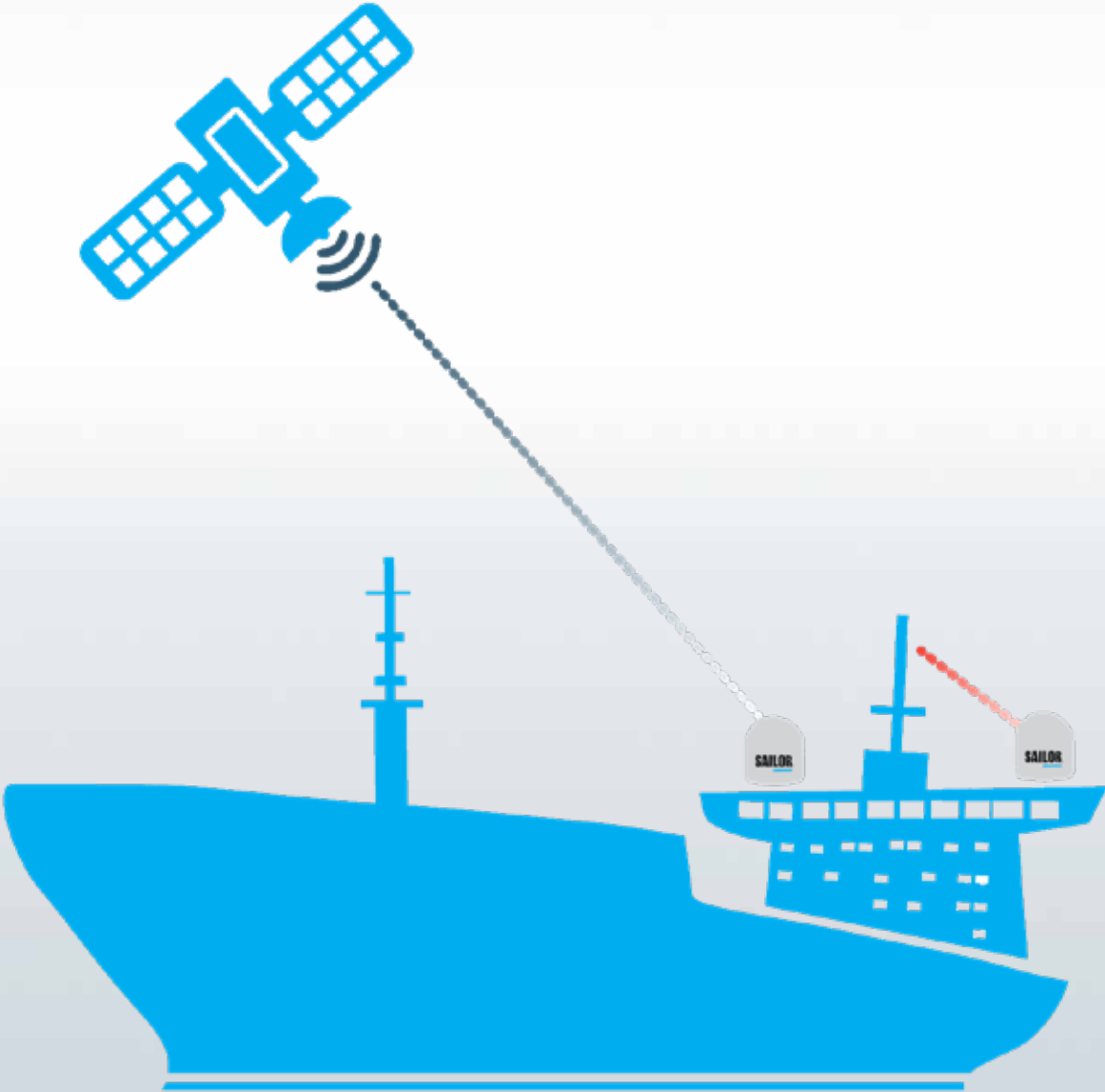


Antenna Diversity Solution

COBHAM

Increased uptime for your high-speed connectivity



Antenna Diversity Solution

SAILOR 100 GX Antenna Diversity Solution – seamless, cost effective switching between antennas enabling higher uptime and quality of service



Introducing

SAILOR 100 GX Antenna Diversity Solution (ADS)

The Inmarsat Type Approved SAILOR 100 GX ADS significantly reduces the cost and complexity of installing and managing multiple SAILOR Global Xpress (GX) antennas on board. Multiple antennas are frequently used to overcome link losses caused by satellite blocking from the ship's structure or other deck equipment.

A unique innovation only available for SAILOR GX antennas, SAILOR 100 GX ADS enables higher uptime and quality of service so Fleet Xpress users can enjoy

improved high-speed maritime broadband and ensure operational continuity.

ADS integrates two SAILOR 100 GX antennas on a single SAILOR GX modem unit, while ensuring seamless switching between them according to availability of a stable link, independent of orientation of the vessel. The solution also integrates perfectly with SAILOR FleetBroadband to deliver connectivity when out of Ka-band coverage.

Unique features include:

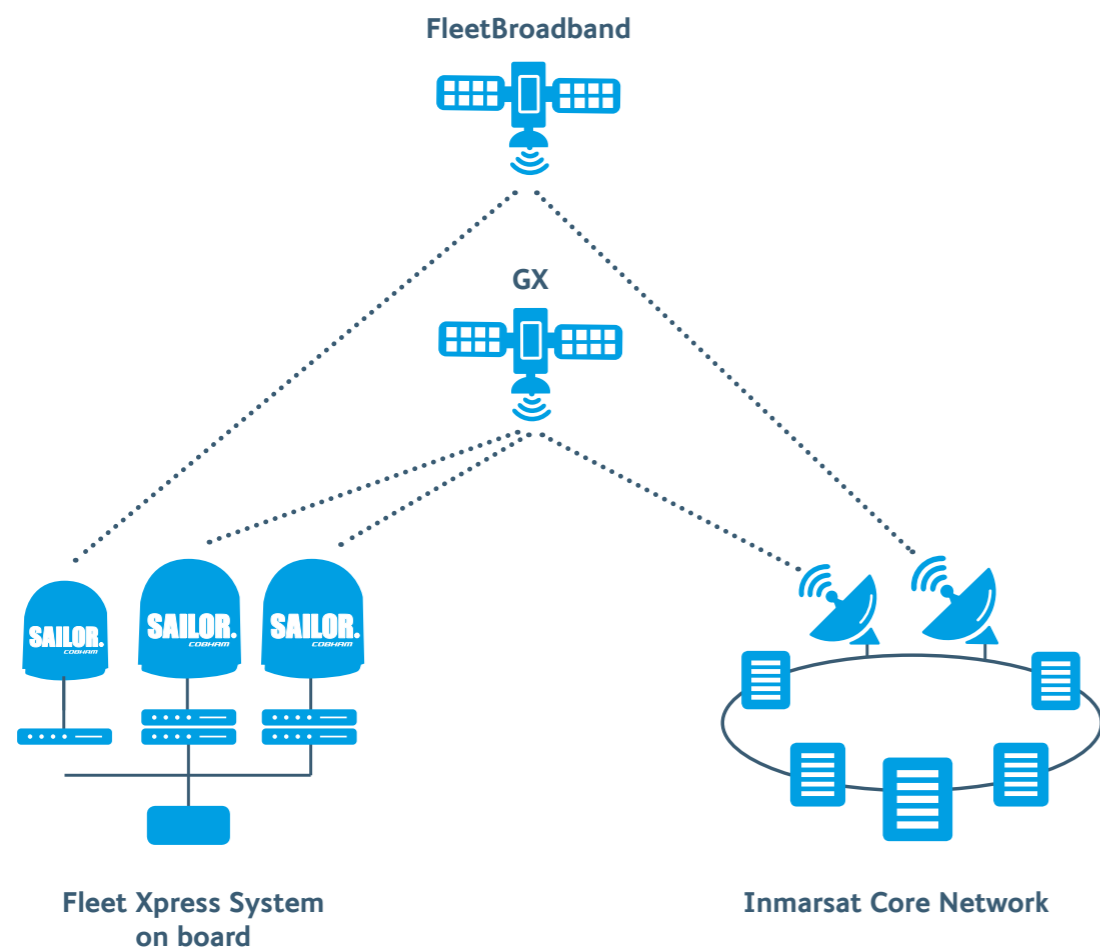
- No need for additional rack-mount units to integrate two Ka and one L-band systems – save thousands of dollars for hardware and installation/testing time
- Single cable system and built-in web server user interface – simplify installation and configuration
- New way to set and manage antennas for specific blocking zones on board – optimise availability of service

All you need

With SAILOR 100 GX ADS and the unique SAILOR single cable antenna solution, installation is easy, especially as there is no requirement to integrate additional 19" rack mount units. Switching is controlled by intelligent software features in the SAILOR antenna controllers (ACUs). The only parts needed to upgrade an existing SAILOR 100 GX system to ADS functionality is a second antenna, ACU and two COTS TV splitters/combiners.

How it works:

- When line-of-sight to the satellite is blocked switching occurs by the pre-programmed blocking zones before losing connection
- Switches active antenna if tracking signal strength drops below the signal strength in the idle antenna
- Adds redundancy
- Switches within few milliseconds without dropping IP connection



Cobham SATCOM Maritime
Lundtoftegaardsvej 93 D
DK-2800 Kgs. Lyngby
Denmark
www.cobham.com
Tel: +45 3955 8800
Fax: +45 3955 8888

For further information please contact:

satcom.maritime@cobham.com



@Cobham SATCOM