

ANTENNA DIVERSITY SOLUTION

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

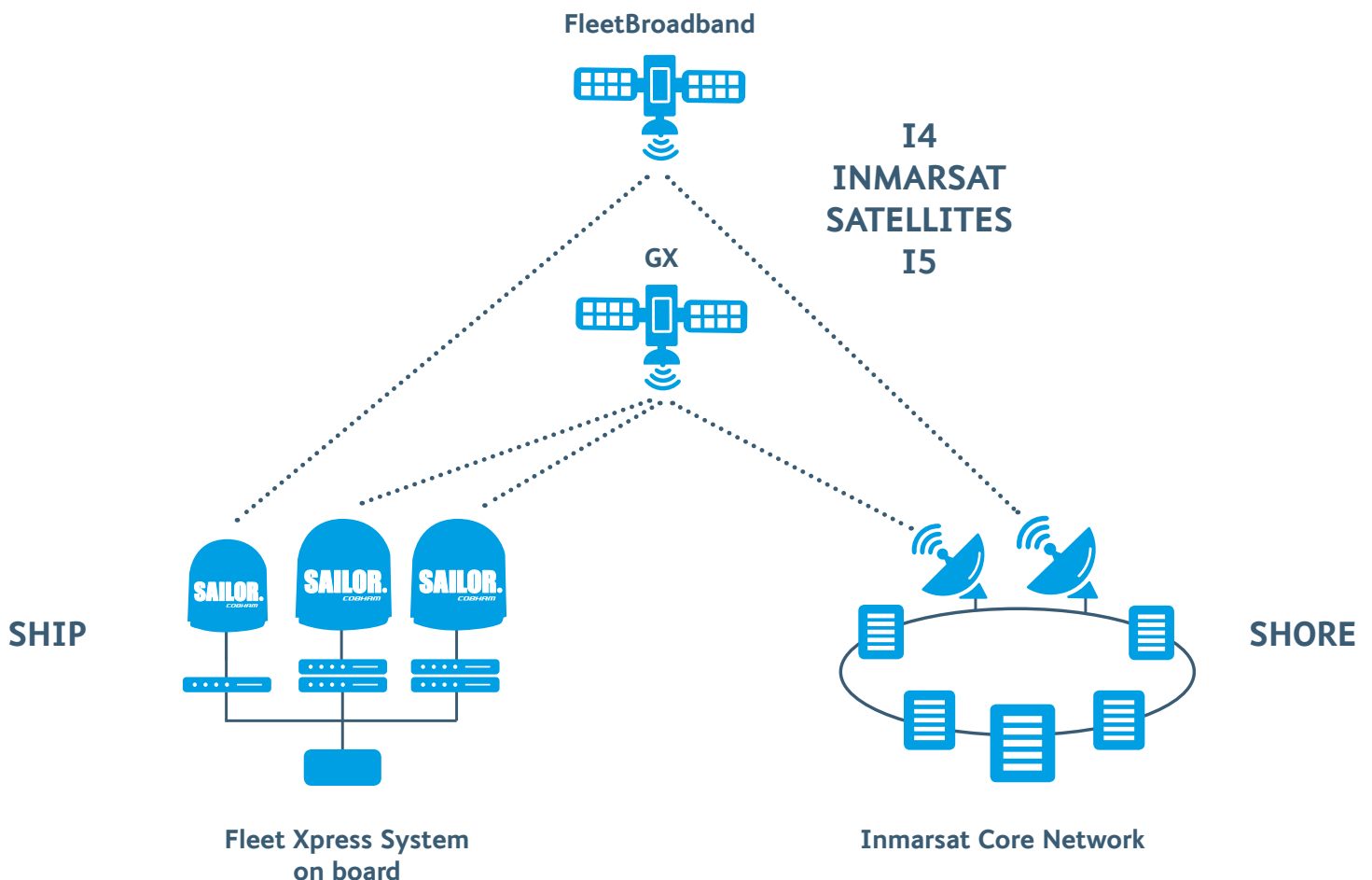
The Inmarsat Type Approved SAILOR GX ADS significantly reduces the cost and complexity of installing and managing multiple SAILOR Global Xpress (GX) antennas on board. Multiple antennas are frequently used to overcome link losses caused by satellite blocking from the ship's structure or other deck equipment.

A unique innovation only available for SAILOR GX antennas, SAILOR 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 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



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All you need

With SAILOR 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 GX system to ADS functionality is a second antenna, ACU and a custom cable hit.

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



The antenna diversity solution works with SAILOR 100 GX and SAILOR 60 GX.

For further information please contact:
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