

**AUSTRALIAN SATELLITE
COMMUNICATIONS**



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MSAT BY AUSTRALIAN SATELLITE COMMUNICATIONS

MSAT is a Maritime IP Broadband service provided by Australian Satellite Communications using our iDirect Broadband platform and Seatel stabilised antenna systems.

MSAT is an “always on”, IP service capable of delivering broadband communications to vessels operating in the Asia Pacific region (including Australia and New Zealand and extending as far as West Coast USA), providing Internet, voice and fax services at very competitive rates.

Our MSAT service enables you to sustain reliable communication whether for business or leisure purposes, on and off shore. The MSAT service is available for cruise ships, fishing vessels, yachts, merchant/government vessels and ferries.

FEATURES AND BENEFITS

- Transmission rate of up to 1536 kbps for shore-to-vessel communications and up to 512 kbps for vessel to shore communications (location and antenna dependant)
- IP access to the Internet and corporate networks with unlimited data transfer allowance (on premium plans only).
- Quality of Service used to ensure high quality voice and fax transmission
- Low cost Pre Paid domestic and international voice rates – sell cards to your customers/staff.
- Wireless Access Point and Pre Paid Internet Options to allow you to charge your customers for services whilst onboard.
- 24/7 customer care and technical support

EQUIPMENT

The MSAT service provides a broadband connection via satellite from the vessel to the public Internet and PSTN. The vessel will be equipped with a stabilised antenna system, comprised of Above Deck and Below Deck Equipment, the size of which will depend on specific requirements.

An Ethernet port on the Below Deck Equipment (pictured below) allows users to connect to a shipboard Local Area Network (LAN) or to a stand alone PC onboard. In addition an RJ-11 analog telephone port can be easily connected to an analogue telephone or fax.

BELOW DECK EQUIPMENT

Ethernet Patch Panel – Physical Interconnection

Linksys Switch – Data interconnection

Nomadix – Internet Café Gateway

Vados – Advanced Multi-protocol Voice & Data Gateway

Quintum – Basic Voice Gateway

SeaTel – Stabilized Antenna control

iDirect 5000 series – VSAT Gateway

All equipment is supplied in a SKB case; a rugged, transportable, shock mount case. This case comes in various sizes to house delicate rack mount equipment.



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