



MTN DirectNet VSAT Satellite Solution For Super Yachts

With dedicated bandwidth, unlimited data and flexible airtime

Service Features:

- Unlimited internet and emails
- 4 VOIP lines (if required) in standard package
- Flexible bandwidth packages
- Bandwidth guarantee – what you read is what you get. Not subject to Fair Access Policies.
- VPN support
- Hub & Network Operations at wholly owned NOC with 24/7/365 support
- IP Backbone Connectivity
- Remote Network Management System (Monitoring and Control)
- Options for Standard and Extended KU band world coverage areas

Antenna and Below Deck Equipment (BDE)

- Sea Tel 4006R-23 1.0 meter stabilized antenna system with radome, mount, waveguide and cables
- 8 Watt SSPB L-to-Ku Band Block-Up-Converter
- Ku-Band PLL LNB (1 additional supplied to complement fitted one)
- iDirect iNfiniti 5150 modem
- HP Laptop or equivalent (for monitoring and config purposes only)
- Fixed Rack Mount Spectrum Analyzer
- Garmin GPS Unit
- 1.5 KVA UPS
- Cisco 2950-24 Catalyst Switch & 2621 XM Router or equivalent
- @foc (normal cost US\$12k)
- If Extended KU band Coverage is required a Co-Pol Conversion will be required or, if new, the purchase of a Seatel 4006R-36

Package Price using Sea Tel 4006R-23 or 4006R-33 : USD59,995.00

Installation:

The customer must sign and return the e3 Systems Labour Rate Agreement sent separately.

Airtime Rates per month: * Standard Package

CIR (Committed Information Rate)	MIR (Maximum Information Rate)	Standard Regions Rate (period of Contract)			Extended Regions Rate
		12 month	24 month	36 month	
Up/Downlink Kbps	Up/Downlink Kbps				
64/64 *	128/512	\$3,278	\$3,135	\$2,850	\$4,050
64/128	128/512	\$4,025	\$3,850	\$3,500	\$5,150
128/128	256/512	\$4,773	\$4,565	\$4,150	\$6,550
256/256	320/512	\$7,360	\$7,040	\$6,400	\$11,200
256/512	320/640	\$9,402	\$8,993	\$8,175	\$17,825
512/512	640/640	\$11,299	\$10,808	\$9,825	\$19,425

Other rates are available on request.

(CIR is dedicated bandwidth, MIR is shared bandwidth 1:2 contention ratio. Dedicated bandwidth is needed to guarantee voice, video conferencing and VPN quality. Customers have flexibility to upgrade bandwidth for seasonal demand.)

Incremental Bandwidth Rates:

Note: Incremental space may be added by giving a minimum of seven (7) days notice in writing. Incremental space is billed in whole month units and 64/64Kbps increments at an addition fee of \$1,800 per 64/64 increment.

HEAD OFFICE

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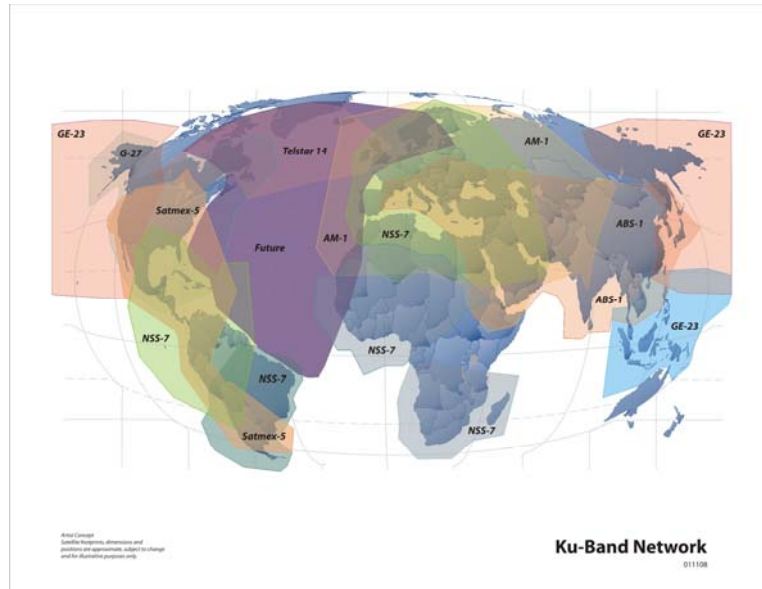
Flexible Airtime Contracts:

Up to three months down time permitted per year:

For example: 9 months at standard rate, you pay USD2,850 per month.
3 months at down time rate, you pay USD400 per month plus USD250 to deactivate and USD250 to reactivate.

This is to allow off season or refit down time. Consult e3 for details.

Satellite Coverage – Standard and Extended Regions:



Extended Regions

GE-23 light blue - South West Pacific

ABS-1 pink – Indian Ocean and South East Asia

NSS-7 grey – South Africa

Note: co-pole is required for these regions so a R-36 is required or conversion kit

Payment: Monthly fee paid two months in advance.

Long Distance VOIP Call Charges: As per separate tariff, paid in arrears.

Additional Options:

- Newspapers Direct
- IPTV
- GSM on Board
- Videoconferencing
- VPN
- Weather
- Ship Tracker

Contract Term: 12, 24 or 36 months.

Deposit required for BDE (if not paying fees by major credit card):

USD15,000 for 12 month contract. USD10,000 for 24 month term. USD5,000 for 36 month term.

For further information contact e3 in Palma de Mallorca on the following numbers:

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