

Singtel Satellite

Product Factsheet
Maritime ICT Solutions



**Sea of Possibilities with
end-to-end Maritime ICT Solutions**

Singtel

BUSINESS SOLUTIONS

Maritime IoT (Internet of Things)



Online and real time information transfer which enables tracking of vessel conditions such as fuel consumption, carbon emissions and provides an efficient and accurate view on vessel condition and performance to achieve a pre-failure predictive protocol

AIO SmartBox



Onboard centralised control for remote firewall settings and IT policies implementation. Generate crew prepaid PINs/vouchers with the flexibility to set time-based or volume-based options

iNMS



A network management system that integrates all your communications systems on board and gives you access to the whereabouts and status of your vessels

ECDIS



An Electronics Information System that lets you track the routes of your vessel and choose the most economical route

CREW SOLUTIONS

AIO (All-In-One)

IP Phone



Making postpaid and prepaid calls at affordable rates

Shipboard Email



An email solution optimised for sending emails in the satellite communications environment

Data



A prepaid solution for crew with time based or volume based options

Fleet Media



A new global content distribution service which beams latest movies, television, news and sports to ships



AIO SmartGuard Shore Firewall combats external cyber-attacks from Internet Clouds

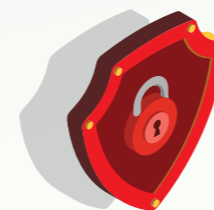
- Intruder Prevention System
- Anti-Virus & Anti-Malware
- URL Filtering



SHORE

IT/Fleet Manager

- Internet usage reports. Data and call logs synchronised with shore
- Obtain VPN statistics to understand the usage and fine tune IT policies



Unified Threat Management Combats external cyber-attacks on ship network originating from crew devices

- Intruder Prevention System
- Anti-Virus & Anti-Malware
- Web Content Filtering
- Internal Vulnerability Scanning
- Stateful firewall



SMARTBOX

Full control of onboard firewall setting and easy administration of crew prepaid solution

About Singtel

Singtel is Asia's leading communications technology group, providing a portfolio of services from next-generation communication, technology services to infotainment to both consumers and businesses. For consumers, Singtel delivers a complete and integrated suite of services, including mobile, broadband and TV. For businesses, Singtel offers a complementary array of workforce mobility solutions, data hosting, cloud, network infrastructure, analytics and cyber-security capabilities. The Group has presence in Asia, Australia and Africa and reaches over 650 million mobile customers in 21 countries. Its infrastructure and technology services for businesses span 21 countries, with more than 428 direct points of presence in 362 cities.

About Singtel Satellite

Singtel Satellite is Asia's leading provider of one stop satellite communications and ICT solutions, driving innovations to meet voice and digital challenges in Fixed and Mobile Satellite segments on both land and at sea.

With a strategic focus on Maritime communications, Singtel Satellite engages the key needs of Maritime customers with broadband satellite communications, Cyber Security solutions and ICT applications in Crew Welfare, Operational Efficiency, and Monitoring and Control, bridging mission critical communication gaps between ship and shore.

From satellite to fibre to IP, Singtel Satellite offers global coverage and versatility across platforms. Backed by 3 teleports pointing to more than 30 satellites and supported by our award winning IP VPN infrastructure and an extensive terrestrial network of with more than 428 direct points of presence in 362 cities, Singtel Satellite ensures quality customer experience in communications and connectivity.

Committed to delivering service excellence and with more than 40 years of collective experience, Singtel Satellite empowers global customers with complete solutions to organically drive productivity, efficiency, and experience.

Awards

Seatrade Maritime Awards Asia
Communications at Sea Award 2018

Asia Communication Awards
Satellite Operator of the Year 2017, 2016, 2015

VSAT Industry Awards
VSAT Service Provider of the Year 2016, 2014

The Technical Innovation Award
Seatrade Asia Awards 2012, 2010, 2008

Global Top 20 World Teleport Association
Top Teleport Operators of 2017, 2016, 2014, 2013, 2012, 2010, 2009



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