

pactel
INTERNATIONAL
CONNECTING YOU IS WHAT WE DO®

A reliable, innovative and flexible telecommunications provider to the Marine industry

Pactel International focuses on providing satellite technology solutions in remote areas for the Marine resource sector within the Asia-Pacific Region.

We are able to deliver satellite internet, VoIP and GSM services to sea-borne vessels, such as cruise ships, ferries and yachts, as well as static vessels such as oil and gas platforms.

Both, point to point and point to multipoint satellite communication systems can be provided, enabling head offices to communicate with remotely located vessels.

What sets Pactel International apart is our expertise and reliability in providing rapid deployment of voice, data and mobile communications solutions in remote locations via satellite on a turnkey basis.

Pactel's Maritime solutions are best suitable for:

- Yachts
- Cruise liners and long distance ferries
- Military and commercial container ships
- Oil & Gas production and accommodation platforms

Our value-added services include:

- Tracking and monitoring the entire network from end-to-end with 24-hour phone support.
- Trouble escalating, load rebalancing, network security assessments, and regular data backups.
- Disaster recovery system – we are capable of providing an instant, temporary network solution in the affected area.
- Response to your changing needs – our managed network services provide maximum flexibility, so we are able to add new or expanded services to meet your demand.
- Simplified IP architecture, which makes on-board installation and maintenance more manageable.

Your Current service provider "Health Check"

If you answer "No" to one or more of these statements, consider getting a new service provider!

1. Your service provider tracks and monitors the entire network from end-to-end with 24/7 Phone and e-mail support. Yes No
2. Your service provider secures its own traffic and manages priority traffic across other networks. Yes No
3. Your service provider keeps you up to date with your network performance parameters. Yes No
4. Your service provider has procedures for trouble escalation, load rebalancing, network security assessments and regular data backups in place. Yes No
5. Your service provider's data centre supports your requirements for physical and network security, capacity, availability, operations, and backbone connectivity. Yes No
6. Your service provider promptly responds to your growing needs and changes. Yes No
7. Your service provider has a disaster recovery system, which can provide an instant, temporary solution in the affected area. Yes No
8. Your service provider has a great sales team that makes an effort to come and see you wherever you are to discuss your business needs. Yes No

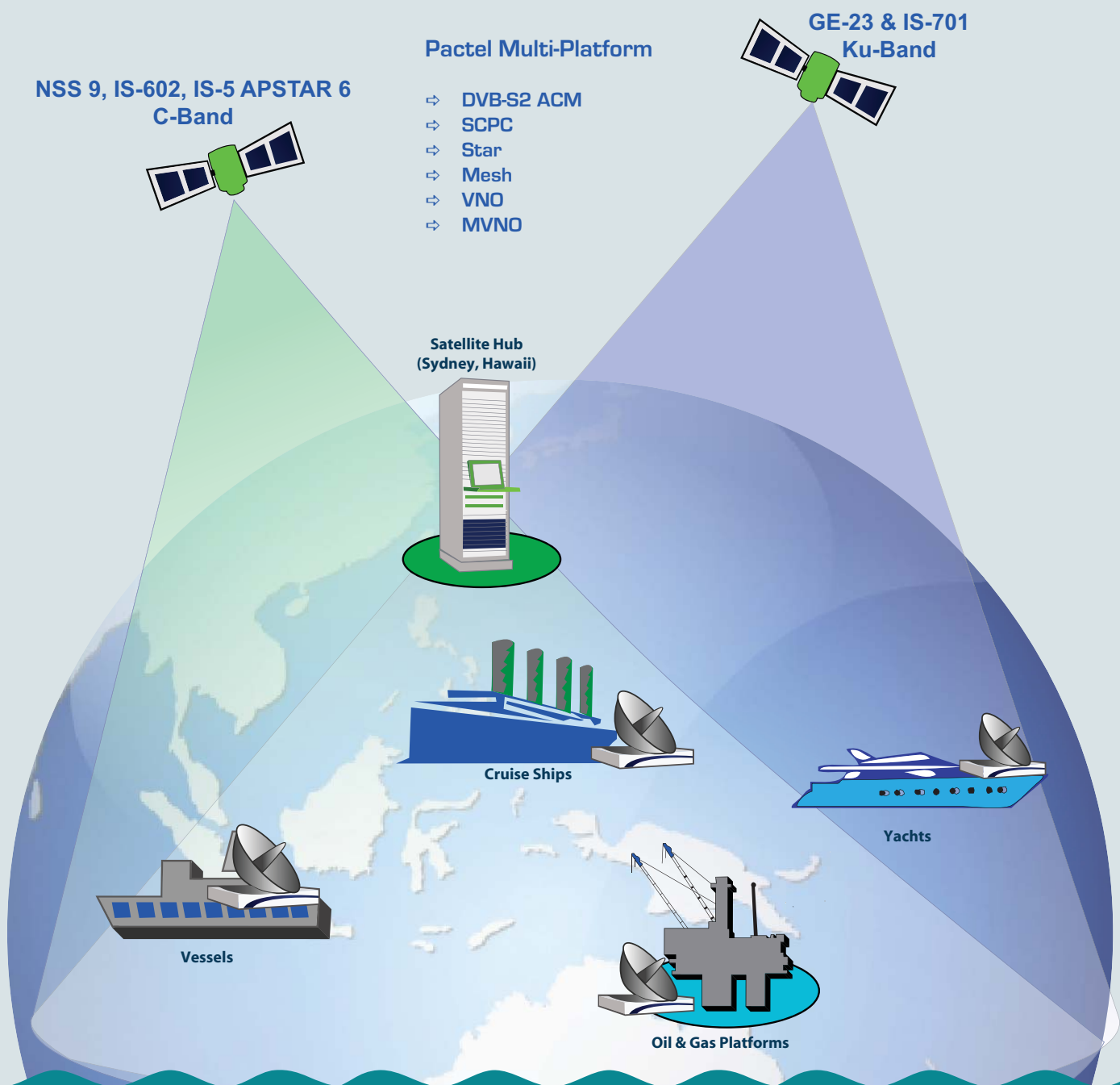
Pactel SAT Solutions

Our flexible and cost-effective solutions adapt to the specific needs of our Marine customers. These solutions cater for dedicated, shared and burstable capacity over fiber optic, VSAT, DVB and DVB-S2(CCM,VCM,ACM) IP Platforms, as well as SCPC technology, and provide services on C and Ku band.

Our dynamic-allocation system addresses unique customer requirements. This system matches their broadband connectivity to the requirements of their utilisation profile in every vessel. Our platforms also support Virtual Network Operator (VNO) mode. Pactel's expertise results in reliable and timely services with excellent customer experience for our customers.

Services Provided:

- ✓ Internet backbone connectivity
- ✓ GSM solutions
- ✓ Telephony over IP services
- ✓ High speed data transfer services
- ✓ Broadcast & streaming video solutions
- ✓ Telemedicine
- ✓ Video Conferencing
- ✓ VOIP gateways
- ✓ Real-time data



Pactel Mobile Solutions

Pactel Mobile's fully-featured cellular mobile telephone system guarantees reliability and network uptime even in extremely remote locations. Pactel Mobile can offer a system of solutions for you to cater for up to 50,000 users with a number of unique, value-added services, including:

- ▶ Standalone, fully-fledged cellular systems.
- ▶ Fill-in coverage in poor coverage locations (or during extreme weather conditions).
- ▶ Disaster recovery system, which is capable of providing an instant, temporary mobile network solution in the affected area.

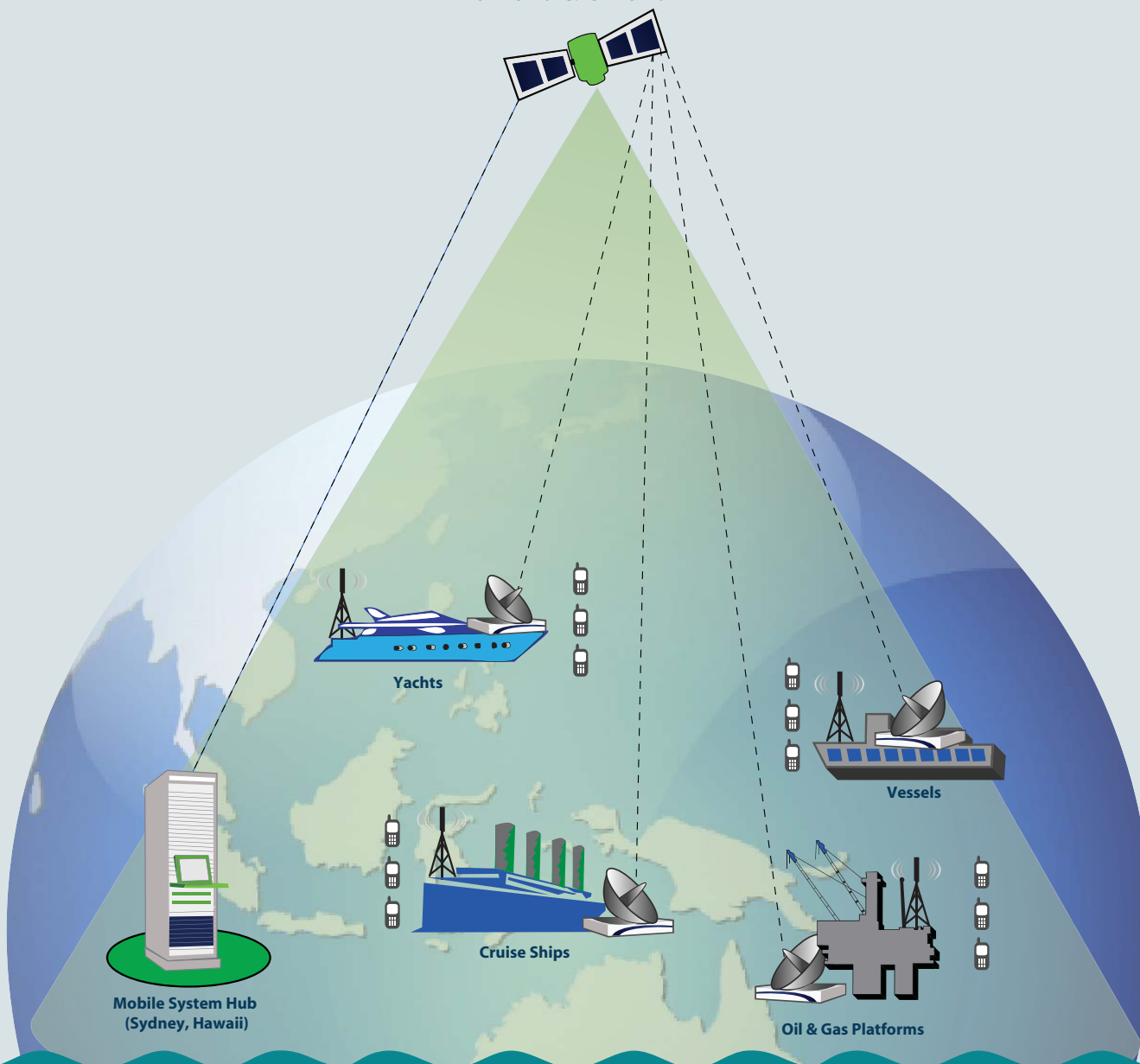
Services Provided:

- ✓ Voice calls (local and international)
- ✓ SMS
- ✓ Voicemail
- ✓ EDGE (2.5G)
- ✓ Pre-paid billing
- ✓ International roaming



GSM Remote Area Solutions & MVNO

NSS 9, IS-602, IS-5, APSTAR, GE-23 & IS-701
Ku-Band & C-Band



Pactel ToIP Solutions

As a licensed carrier, Pactel International is committed to the highest levels of performance and reliability and the best possible call experience for our Customers.

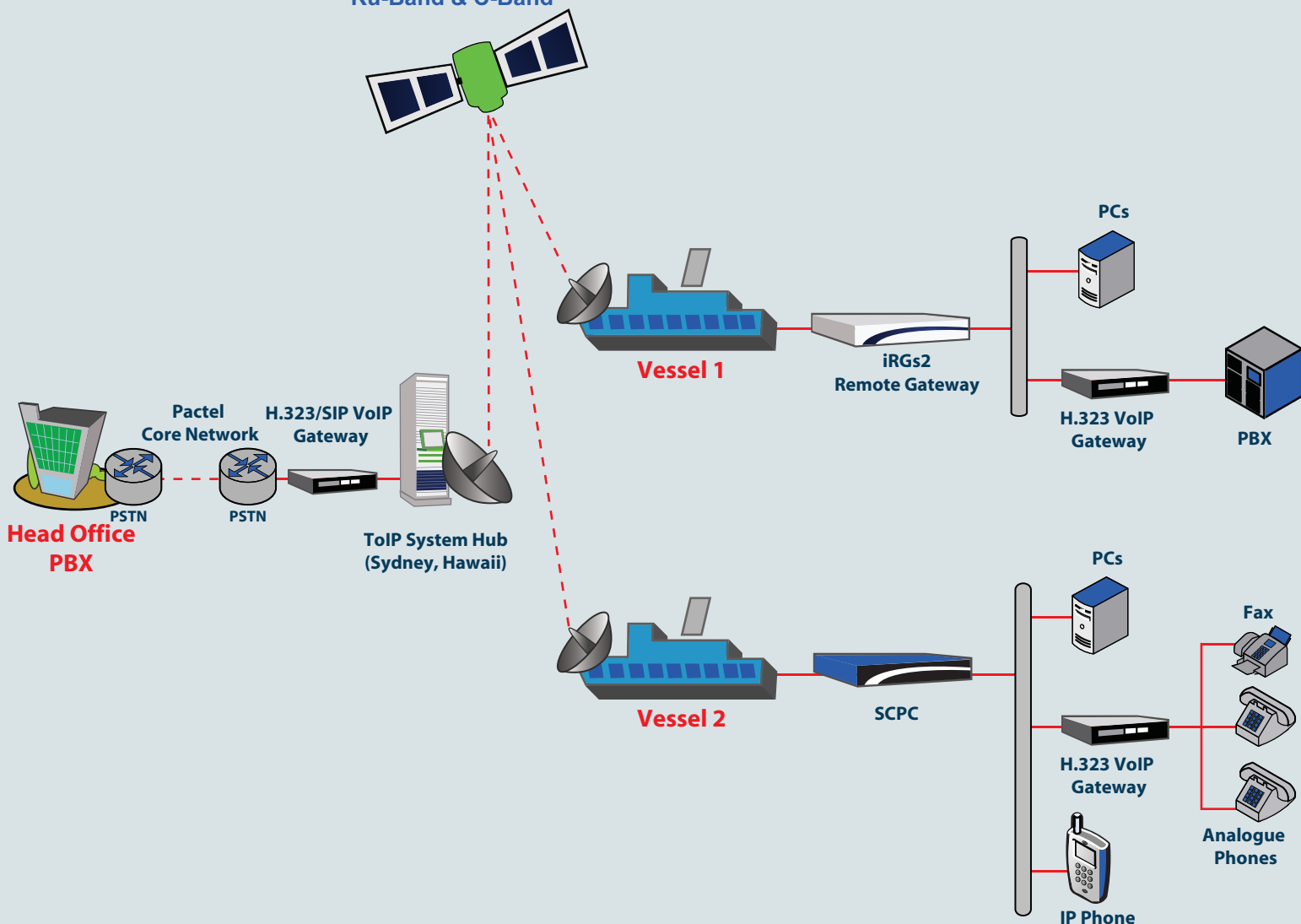
Using the latest IP technologies, Pactel International provides innovative, flexible and reliable Telephony over IP services into Australia and New Zealand, US, Europe and Pacific regions as well as direct interconnections to major transit points on either side of the region.

We recognise that Telephony is much more than the simple carriage of voice and that it requires the highest levels of service capability such as:



- ✓ Provisioning based on proven network architectures
- ✓ Service Reliability
- ✓ Outstanding, carrier-grade voice quality
- ✓ Accurate and timely billing
- ✓ Online CDR access
- ✓ Analogue FXO & FXS 2, 4, 8, 24 and 48 Ports
- ✓ Digital from single E1 up to 64 E1's
- ✓ C7/SIP/H323 and ETSI ISDN Signalling
- ✓ Performance reporting and management

NSS 9, IS-602, IS-5, APSTAR, GE-23 & IS-701
Ku-Band & C-Band





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