

# Capacity *direct, fast, secure*

Securely connecting your business to the heart of the internet

**Southern Cross** is an independent company offering fully protected capacity solutions.

The Southern Cross network provides the lowest latency, highest service availability single provider ring capacity solutions between the markets we serve in Australia, New Zealand, Fiji, Hawaii and mainland USA .

The Southern Cross Network comprises 28,000 kilometres of undersea cable and 2,000 kilometres of terrestrial cable configured for maximum reliability.

Our products take advantage of our unique ring based network architecture to provide robust capacity solutions to customers with the advantages of dealing with a single provider.

## SOUTHERN CROSS DELIVERS

### Highest Satisfaction

Customers have ranked Southern Cross as **Asia-Pac's Number 1 Submarine Network** for eight consecutive years in our annual AC Nielsen Customer Satisfaction Survey.

### Highest Availability

Protected *Circuit availability* is the envy of other providers achieving 100% in 2006, 2007 and 2008.

### Low Latency

Our two fully diverse cables provide the most direct route/s between Australasia and the US West Coast with a **one-way latency of just 70 to 80 msec.**

### Continual Enhancement

While cable diversity is the foundation of our reliability, capacity upgrades provide additional restoration options and reduce capacity prices. Our most powerful enhancement to date, **Drop Restoration**, ensures the network's ring advantages are always available to protect our most cost effective major capacity (N-Drop Ring) products.

### Sponsorship

Southern Cross avidly supports the research community through our sponsorship agreement with AARNet of the Southern Cross Trans-Pacific Optical Research Test-bed (SX TransPORT) providing dual 10Gbps circuits linking AARNet to research and education networks in North America until 2020.



### Commitment

Our network will continue to be upgraded to access the latest transmission technologies and provide greater functionality at lower capacity costs. Southern Cross remains committed to building and maintaining a network that scales efficiently to reduce unit costs for our customers, and in turn drive further scale. *Our lit capacity will continue to expand ahead of both demand and restoration requirements.*

Southern Cross has the strength of three substantial sponsors, however operates as an independent company. Southern Cross remains committed to serving the interests of the industry, and not simply those of a single owner, representing a truly independent source of capacity in the Australasian market.

Southern Cross also remains committed to keeping the price of its capacity from New Zealand to the US at no more than its price for equivalent capacity from Australia. *"For more than 10 years Southern Cross has competed in the Australian market and applied its Australian prices to the New Zealand-US market. This has ensured New Zealanders benefit from increasing Australian competition."*

QUALITY  
RELIABILITY  
DIVERSITY  
SERVICE

# flexible solutions for your business needs



Configuration	Capacity							Ring		
	STM4	STM16	STM64	2.5G	10G	1GbE	10GbE	South	North-South	North
<b>Protected</b>	●	●	●			●	●	●	●	●
<b>2 drop</b>	●	●	●	●	●	●	●	●	●	●
<b>3 drop</b>	●	●	●	●	●	●	●		●	
<b>4 drop</b>	●	●	●	●	●	●	●		●	

**EASE OF OWNERSHIP** Southern Cross capacity products are available as a long term IRUs with flexible payment terms available. Capacity is available on each of the three product rings - South, North and North-South and all configurations are based on our diverse cable ring topology.

## CONFIGURATION SOLUTIONS

### PROTECTED

SDH Protected capacity is automatically restored within 50 m-sec of a break. In the event of a one side network failure traffic is automatically re-routed to the remaining working side.

Protected capacity is accessible at one access point in each country.

### N-DROP

Southern Cross N-Drop configurations comprise 2, 3 or 4 unprotected point to point circuits (drops) configured to form a ring around our network.

Customers can access both sides of the ring. N-Drop Rings can use 1 or 2 access points in each country.

*This document presents an overview of current products, terms and conditions for Southern Cross capacity and supersedes all previous information. Southern Cross pricing, products, network arrangements, terms and conditions are subject to change at any time and this document is not intended to constitute an offer.*

## CAPACITY OPTIONS

SDH capacity is available from STM-4 and is available as either **structured** or **concatenated**.

### GIGAWAVE

2.5G and 10G wavelength services are available, in N-drop configurations only.

### GIGANET

Ethernet private line (EPL) services are available as 1GbE or 10 GbE (LAN-PHY and WAN-PHY).

## EASE OF MANAGEMENT

The purpose built Southern Cross website provides a virtual office where you have information about your business with Southern Cross at your fingertips, anyplace, anytime.

The dedicated customer section provides information on your purchases, payments, network and circuit performance, along with access to online forms for simple and convenient circuit implementation and re-configuration.



**For more information, please visit our website**



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