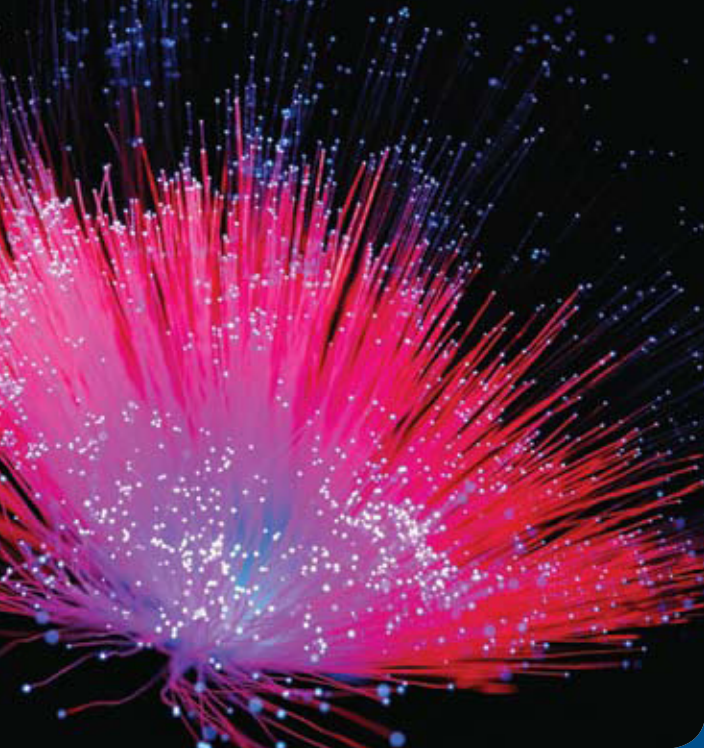


# Next Generation Cable Systems

## Asia America Gateway (AAG)







# Cable Diversity Options: Asia America Gateway

## AAG

AAG is the first direct connection between South East Asia and the USA. The 20,191 km of submarine cable routes between Malaysia and the USA via Hong Kong, the Philippines, Guam and Hawaii with branches into Singapore, Thailand, Brunei and Vietnam. Telstra is the largest capacity owner in the consortium that has commissioned AAG.

### Reliability

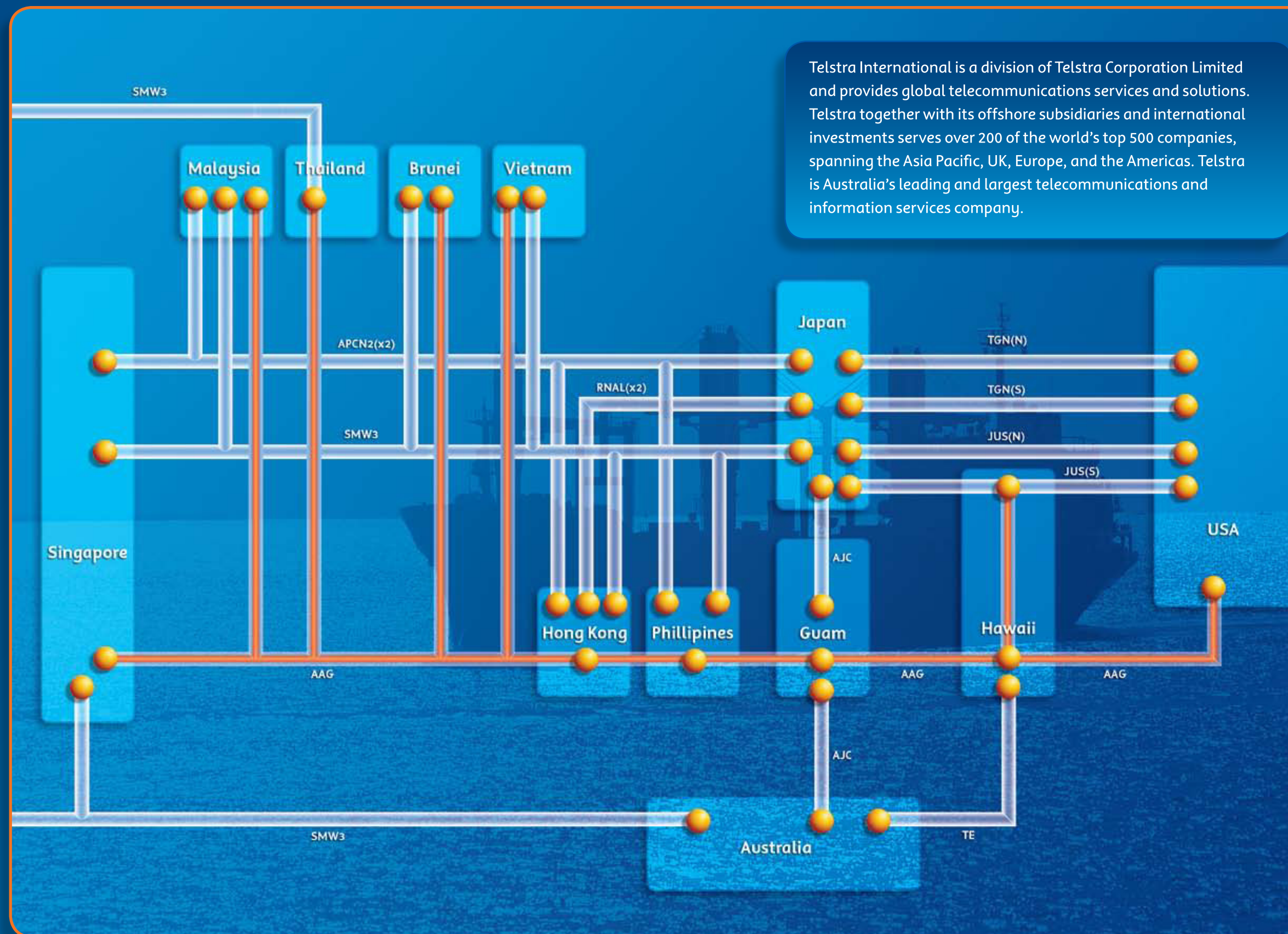
AAG is specifically designed to avoid the volatile Pacific Rim earthquake zone, near Taiwan. It follows a different path to most other cable systems enabling better and more reliable connectivity.

### Diversity

AAG provides diversity against traditional cable routes from South East Asia to USA improving flexibility and security.

### World Class Products

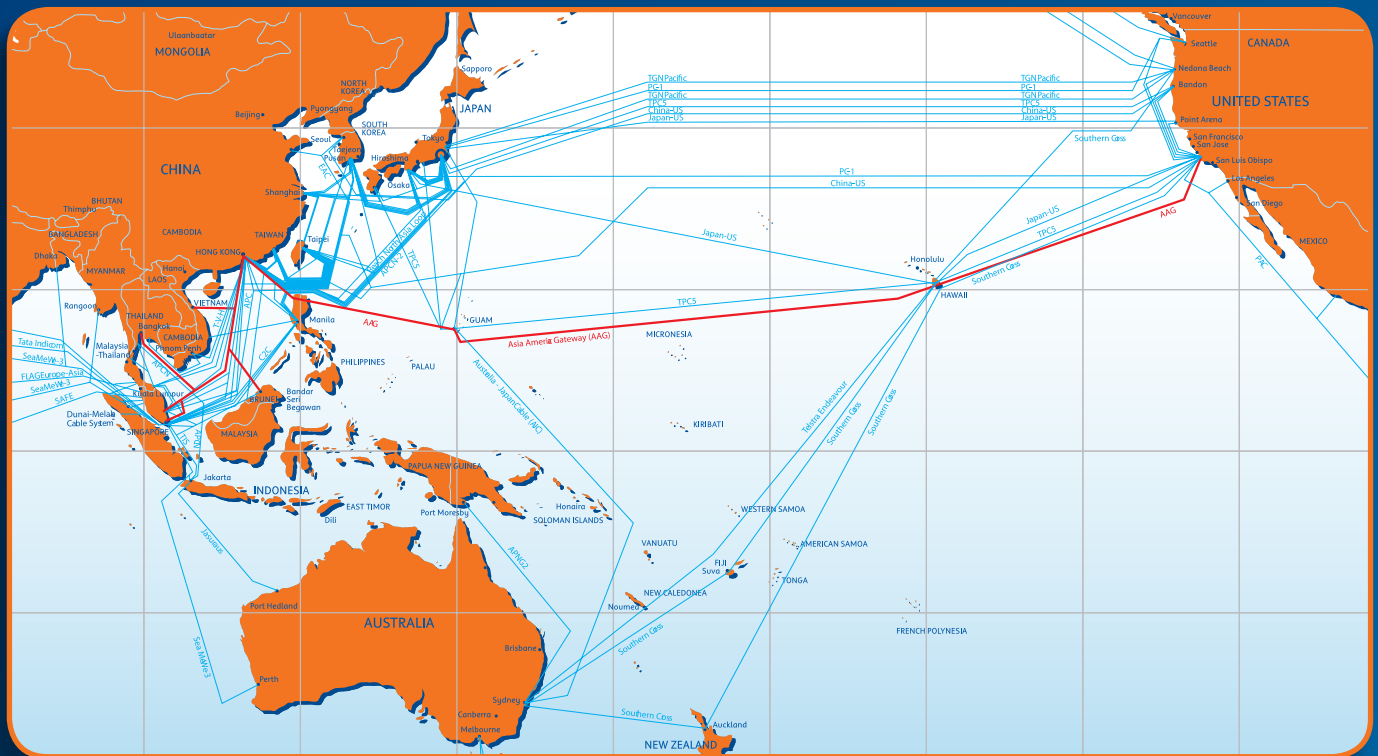
Telstra's AAG capacity will be integrated into the Telstra Global Next IP network reducing latency, while adding reliability and diversity to our market leading IP VPN, Global Internet Direct and Global VOIP services. This cable route will be added to our extensive range of routing options for our International Private Line and Ethernet Private Line services.



Telstra International is a division of Telstra Corporation Limited and provides global telecommunications services and solutions. Telstra together with its offshore subsidiaries and international investments serves over 200 of the world's top 500 companies, spanning the Asia Pacific, UK, Europe, and the Americas. Telstra is Australia's leading and largest telecommunications and information services company.



# AAG Cable Path



## Technical Specifications

### Cable Capacity

Initial configuration: 700 Gbit/s  
 Design capacity  
 US Mainland-Hawaii: 2.88 Tbit/s  
 Hawaii-Hong Kong: 1.92 Tbit/s  
 Hong Kong-South East Asia: 2.88 Tbit/s

### Latency – Round Trip Delay (RTD)

USA-Hong Kong	150ms	Philippines-Hong Kong	12ms
USA-Singapore	178ms	Singapore-Hong Kong	28ms
USA-Malaysia	177ms	Malaysia-Hong Kong	27ms
USA-Hawaii	43ms	Brunei-Hong Kong	35ms
Hawaii-Guam	67ms	Vietnam-Hong Kong	20ms
Guam-Manila	32ms	Thailand-Hong Kong	41ms

### Cable Length

Total: 20,191 km  
 US Mainland-Hawaii: 4,228 km  
 Hawaii-Hong Kong: 10,728 km  
 Hong Kong-South East Asian spurs: 5,235 km

### Cable Landing Stations

Mersing, Malaysia	Lantau, Hong Kong
Changi, Singapore	La Union, Philippines
Sri Racha, Thailand	Tanguisson, Guam
Tungku, Brunei	Keawaula, Hawaii
Vung Tau, Vietnam	San Luis Obispo, USA

### Fibre Pairs

US Mainland-Hawaii: 3 (including a dedicated fibre pair to interconnect with Telstra Endeavour)  
 Hawaii-Hong Kong: 2  
 Hong Kong-South East Asia: 3

### Interconnecting cable systems

Japan-US (JUS)  
 TGN  
 Telstra Endeavour (within Keawaula station)  
 SMW3  
 APCN2  
 AJC  
 RNAL

### Resilience

Single sheath cable system, with protection available via other interconnecting cable systems

### Launch Date

June 2009

Telstra International trades in the UK and EMEA through Telstra Limited, a company registered in England and Wales with company number 03830643. Our registered address is Telstra House, 21 Tabernacle Street, London EC2A 4DE

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