

Capability Statement



5G Networks Capability

150_{km}

of fibre (Sydney,
Melbourne, Brisbane,
Adelaide)

5

Data Centres, total
rack capacity 1,500

12

Offices around
Australia, 90 Field
Techs

75+

On-net buildings
and 51 DCs

4

Private Cloud Zones
Memory 23.83TB
Storage 1.63PB

550

Bare Metal Servers

6

Peering Points,
547 IPV4 Peers
IP Transit
850 Gbps Capacity

600Gb

DDOS Mitigation
AUD, SGP, LA, NZ

Sydney



- SDC – Pyrmont,
- NSDC – St Leonards



- SY1 – Mascot
- SY3 – Alexandria
- SY4 – Alexandria



- DC – Alexandria,



- St Leonards



- S1 – Macquarie Park
- S2 – Macquarie Park,



- Ultimo



- Artarmon



- St Leonards



- North Ryde



- Sydney



- Haymarket



- Haymarket



Melbourne



• MDC – Melbourne



• Melbourne



• Port Melbourne



- ME1 – Port Melbourne
- ME2 – Port Melbourne
- ME4 – Derrimut
- ME5 – West Melbourne



• M1 – Port Melbourne

Pop Sites

- Kings Technology Park, South Melbourne
- 1 Queens Road, Melbourne
- 480 Collins Street, Melbourne



• Deer Park



• South Melbourne



• Port Melbourne

14 Data Centres



MELBOURNE

Brisbane



- BDC – Fortitude Valley



- B1 – Brisbane
- B2 – Fortitude Valley



- Fortitude Valley



- BR1 – Fortitude Valley



- Brisbane



- Brisbane



- Brisbane



- Fortitude Valley



Adelaide



• Kidman Park



• DC1 – Adelaide
• DC3 – Adelaide



• A1 – Adelaide



• DC2 – Hawthorn



• Adelaide



• AE1 – Adelaide

7 Data Centres

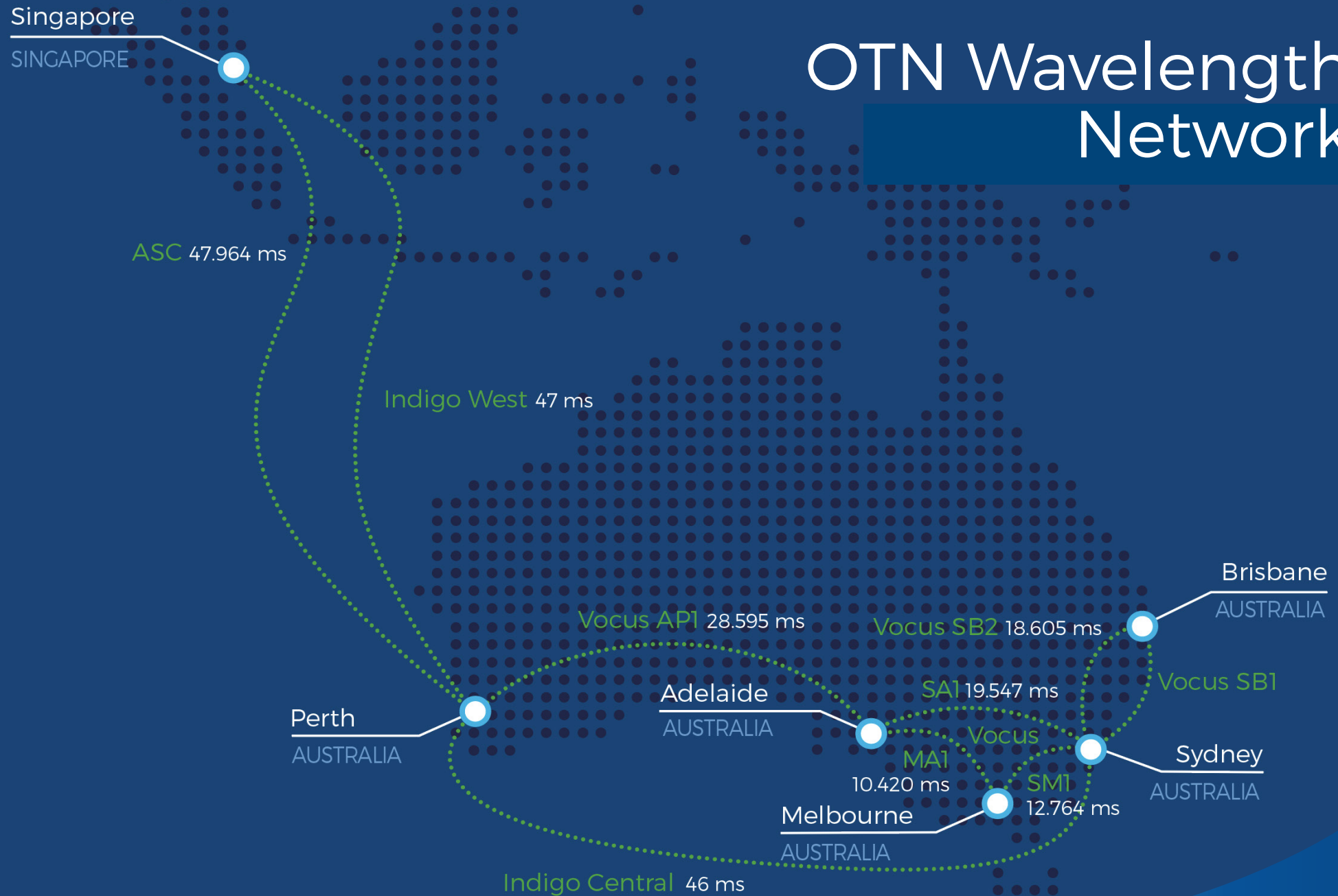


Perth

	• Malaga
	• Malaga



OTN Wavelength Network





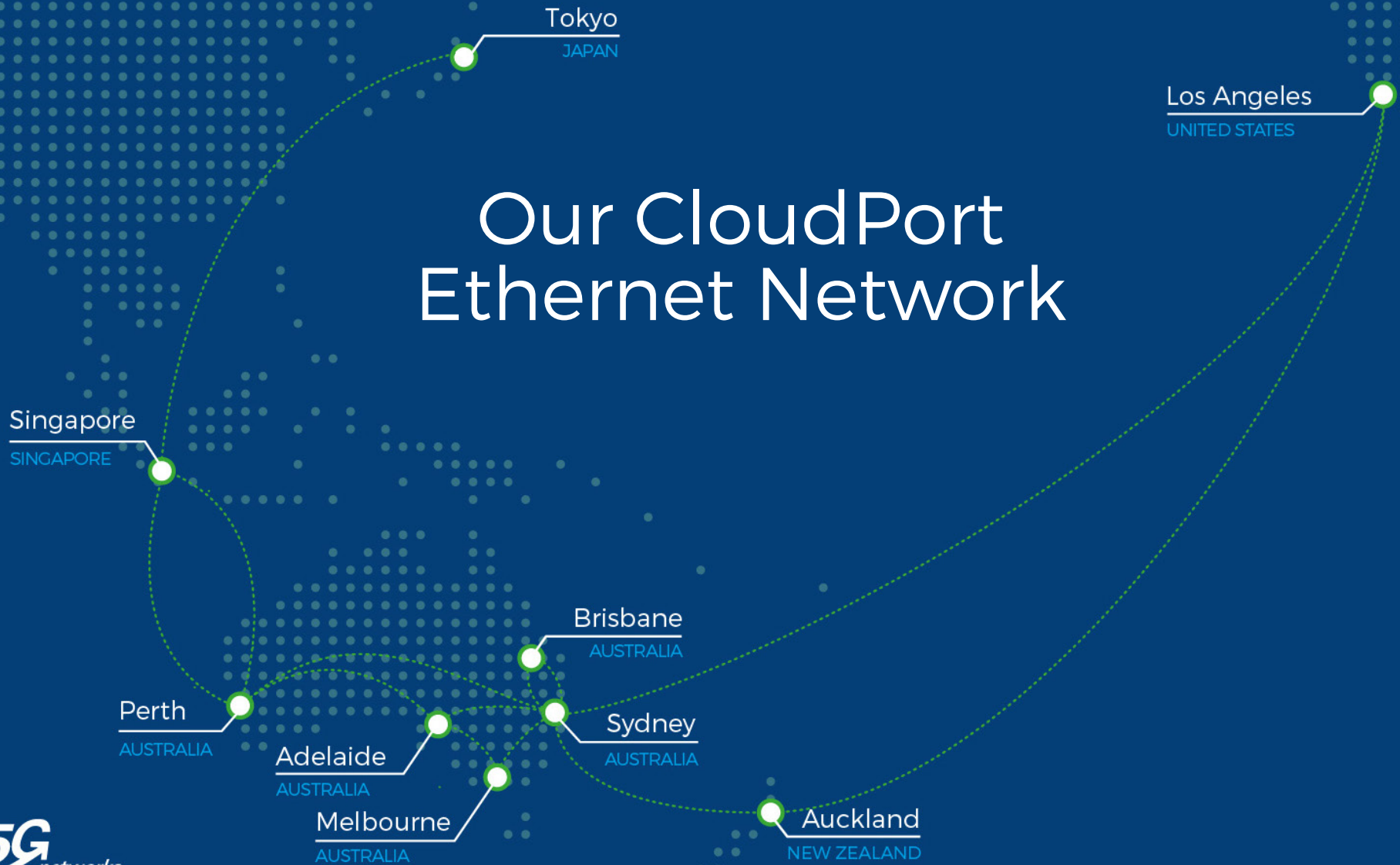
Our OTN Backbone

NSW	SDC, NSDC, S1, SY1, SY2, SY3, SY4, SY5
VIC	MDC, M1, ME1
QLD	BDC, B1, B2
SA	ADC, DC3, YDCH
WA	P1, P2, PE2
Singapore	SG3, SG1, SGP

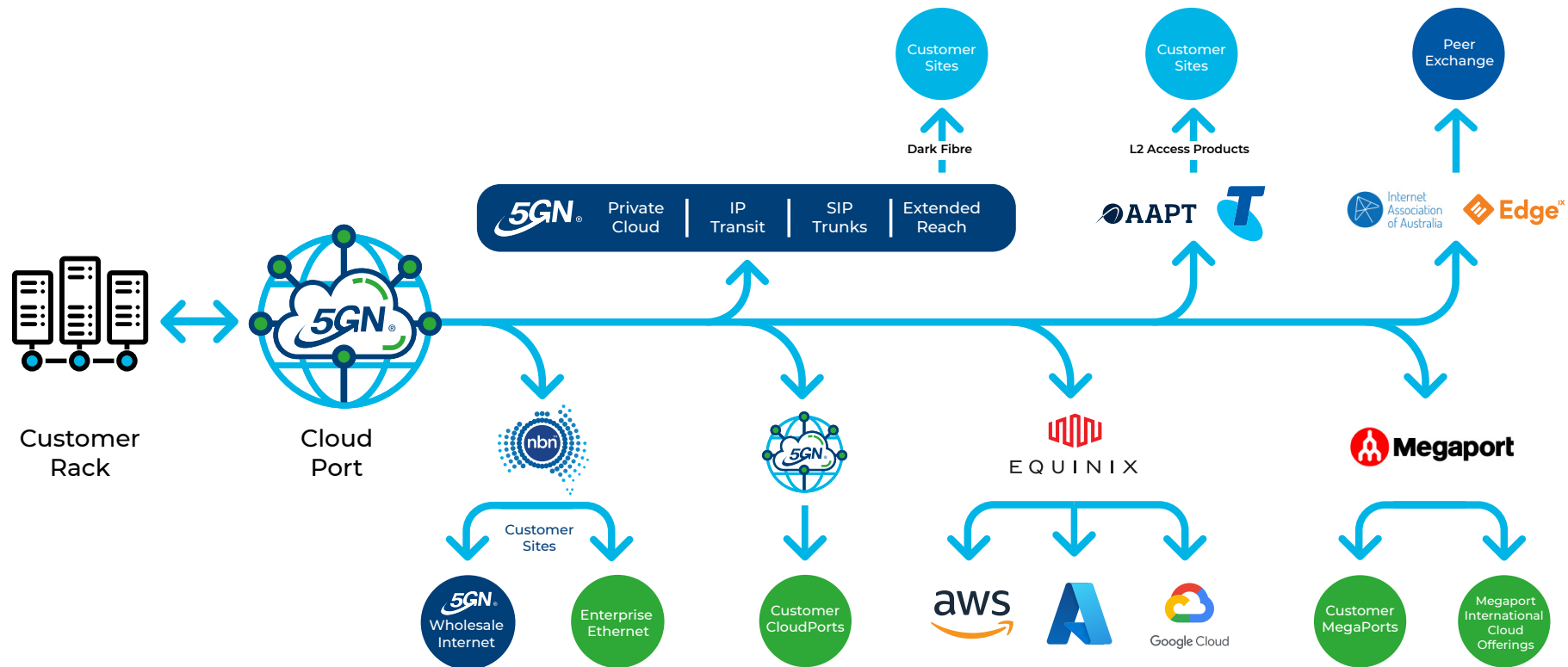
Key Features:

- Secured Private high-speed point to point Wavelengths between 5GN PoPs
- Bandwidth Options – from 10GbE, (25GbE, 40GbE & 50GbE – exclusively offered by 5GN)
- Interface: OTN, Ethernet, SDH/SONET and fibre channel
- Metro, Inter-capital and Submarine Service path offers
- Service Bandwidth Type: Ethernet, OTU2/OTU2e, STM-64
- Scalable as requirements change
- Fully reserved customer bandwidth with diversity options
- AES-256 encryption available
- Network coverage: Metro, national and international reach

Our CloudPort Ethernet Network



CloudPort – Your Gateway to a world of digital technologies





Our CloudPort Network

NSW	NSDC, SDC, S1,
VIC	MDC, M1, ME1, M2
QLD	BDC, B1, B2
SA	ADC, DC3, A1
WA	P1, P2, PE2
Singapore	SG3, SY1, SY4
New Zealand	220Q
USA	LA1, LA3
Tokyo	TY8

5GN CloudPort - No network port has ever worked so hard

- Multiple-service single access point.
- Access to the 5GN suite of services.
- Secure and private point-to-point connectivity using VLANs
- Connect just once and create multiple network connections
- Flexible bandwidths available from 100Mbps to 100Gbps.
- Scalable (up to 100Gbps) – increase or decrease your bandwidth as required
- Guaranteed bandwidth without network contention
- Multiple peering exchanges available (Tier 1 Telco products and services and the World's leading global cloud providers)
- NBN compatible.
- Coverage - Metro, national and international coverage



Product Portfolio

- Dark Fibre
- Wavelengths OTN (10Gb, 40Gb)
- Cloudport (1Gb to 100Gb) Ethernet
- IP Transit – Peering, Domestic and International
- Rack Space (1/4, 1/2, Full)
- Baremetal Servers
- Private Cloud (VM Multi Zone, VPS, cPanel, Backup, DR)
- Remote Hands Capital Cities and Regional Centres
- Platform (Compute and Storage), DB and Network Services



Creditability

- Over 50,000 cPanel hosting accounts
- 23,000 hosted email accounts
- 500,000 services
- 4 Private Cloud Zones – 1 Pb used storage
- International Peering LA, SGP and NZ
- 90 Field Technicians cover 80% of Australia including all capital cities
- Tier 1 Carrier Interconnections Domestically
- Peering with over 900 ISPs and content providers
- N+2 Data Centre rating
- Automated User Portal

Thank You



sales@5gn.com.au

1300 10 11 12