Equinix IX Updates

SANOG 14
23rd July 2009

Horatio Chan

# Equinix Global Data Center Footprint

Global portfolio of 42 data centers in 18 markets and 10 countries across U.S., Europe and Asia enable us to offer a consistent global service to key multi-national customers

- Over 2 million square feet of net sellable colocation space

- Only service provider with a presence in all the top 10 global financial centers
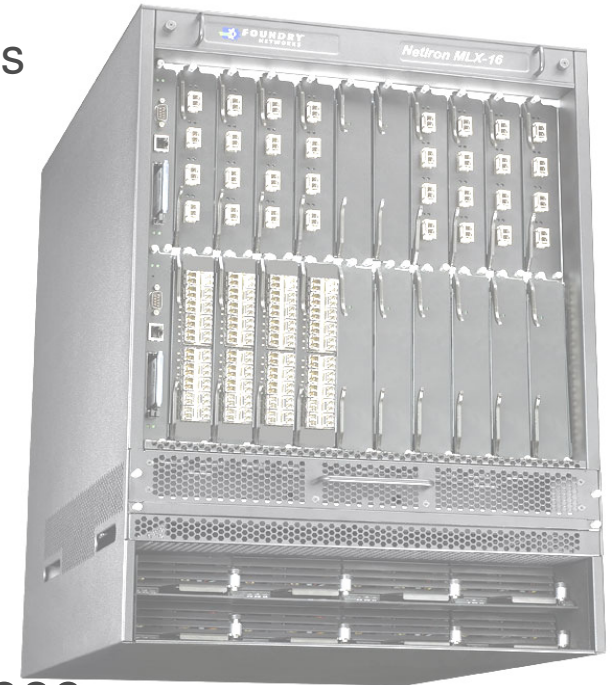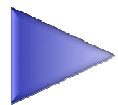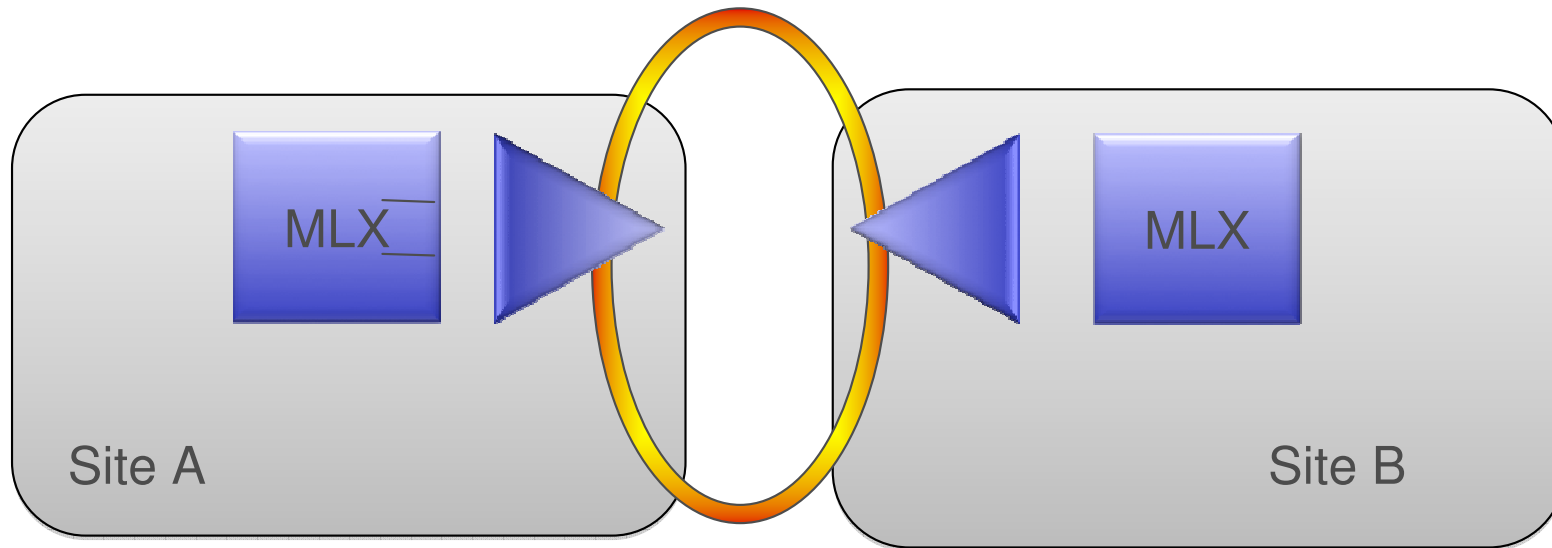
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Equinix AP – IX Locations

Hong Kong

Tokyo
- 2 Data Centers

Singapore
- 2 Data Centers

Sydney
- 2 Data Centers
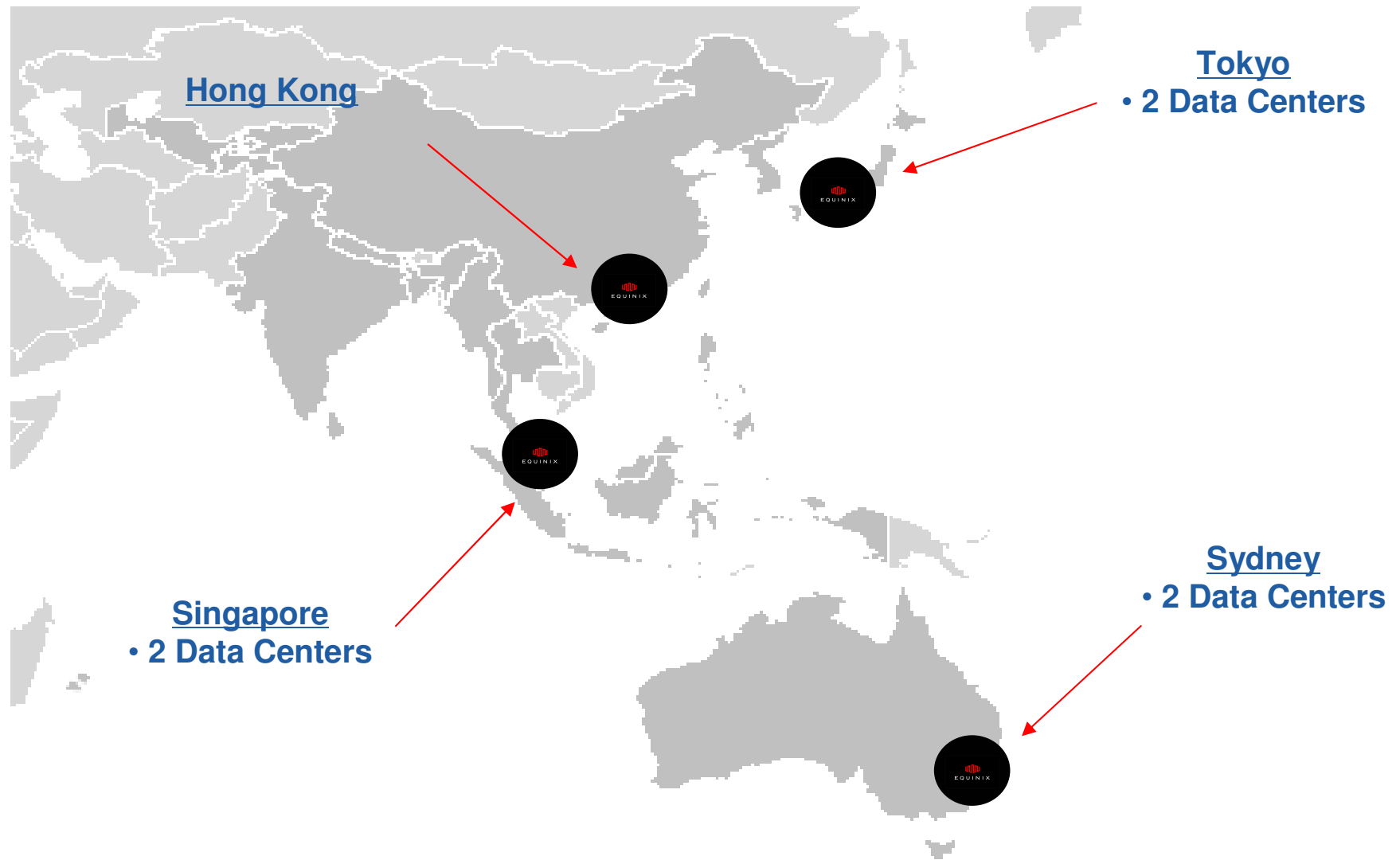
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Equinix AP – IX Platform

- ## 10G Switching Platform
  - ### Foundry MLX
    - Redundant Switching Blades, Power and Management Blades
  - ### Flexible Bilateral VLAN setup
  - ### Non-mandatory MLPE route-servers
  - ### IPv6 Enabled (2001:DE8:7::/64)
  - ### BGP community based routing control
- ## MLPE Peering Platform
  - ### 2 route servers per location
  - ### AU: AS17819, HK: AS 24115, JP: AS24121, SG: AS9989
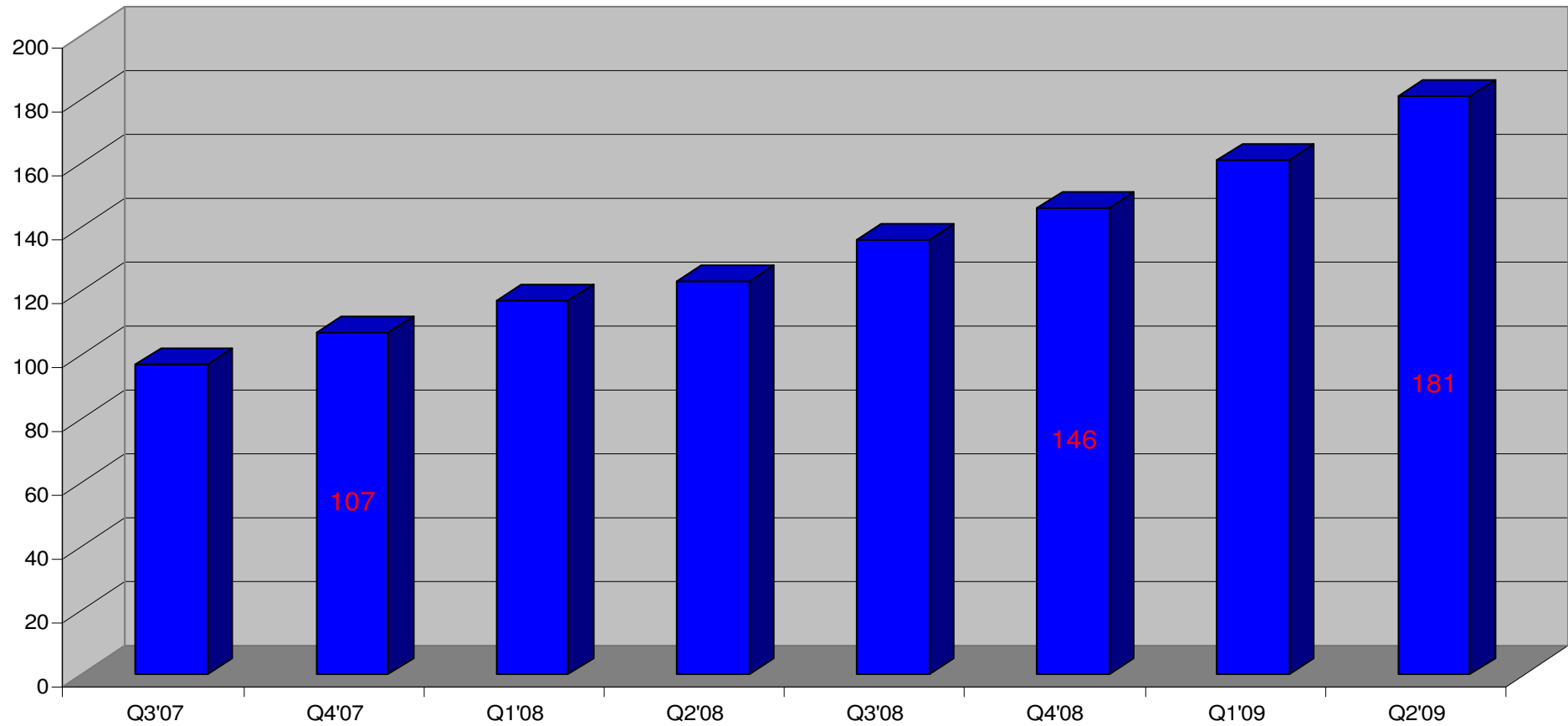
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Equinix AP – Metro Connectivity Platform

Site A

Site B
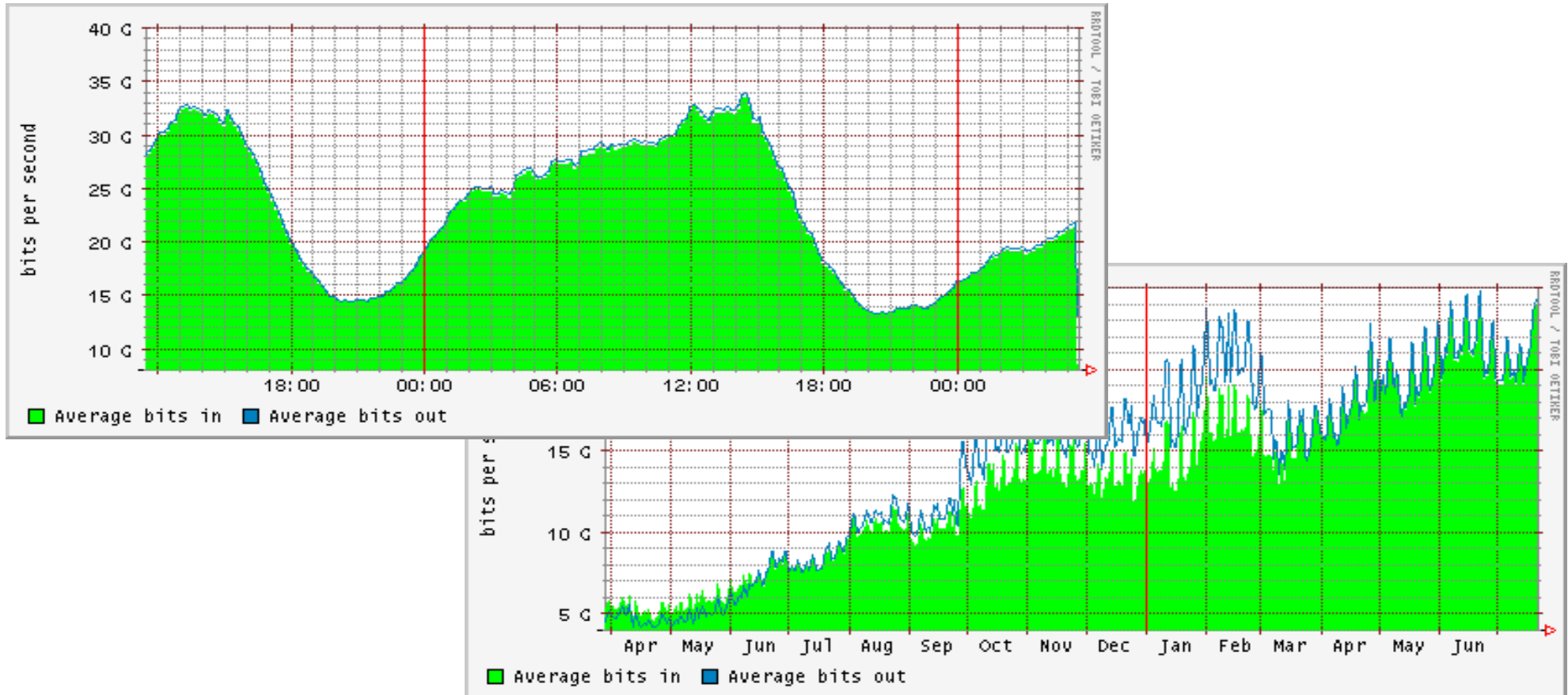
MLX

MLX

Infinera DWDM

MLX

Foundry MLX

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IX Updates

AP Exchange Port Sold

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AP Traffic Update

34G Peak, 3.3x traffic volume in 1 year

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Equinix Exchange in Tokyo

NTT Data

≈1km

Comspace

Shin Nikko

≈7km

≈9km (17.9km)

≈14km (26km)

≈5km (10.1km)

Equinix TY2

Equinix TY1
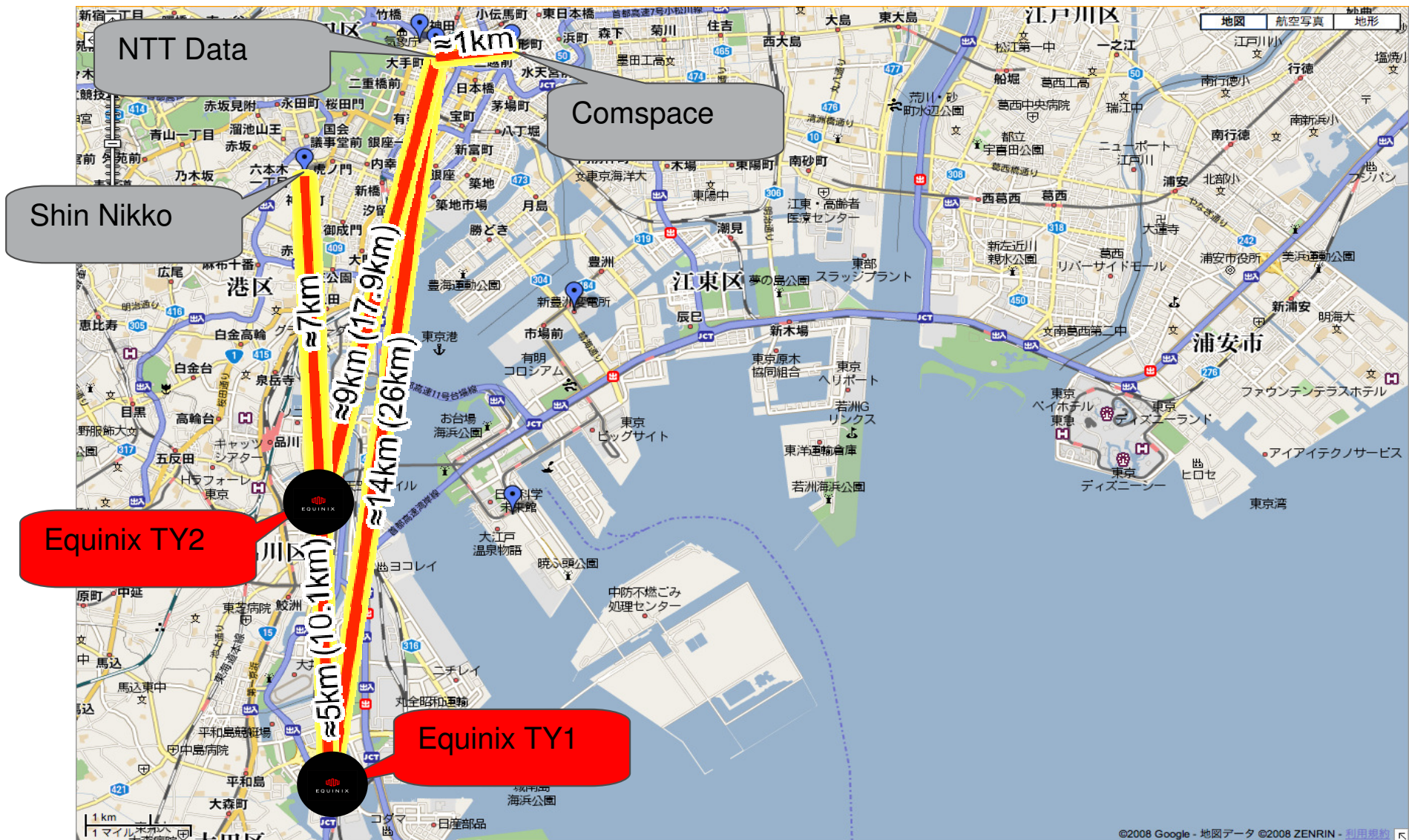
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Tokyo Traffic Update

26G Peak, 3.7x traffic volume in 1 year
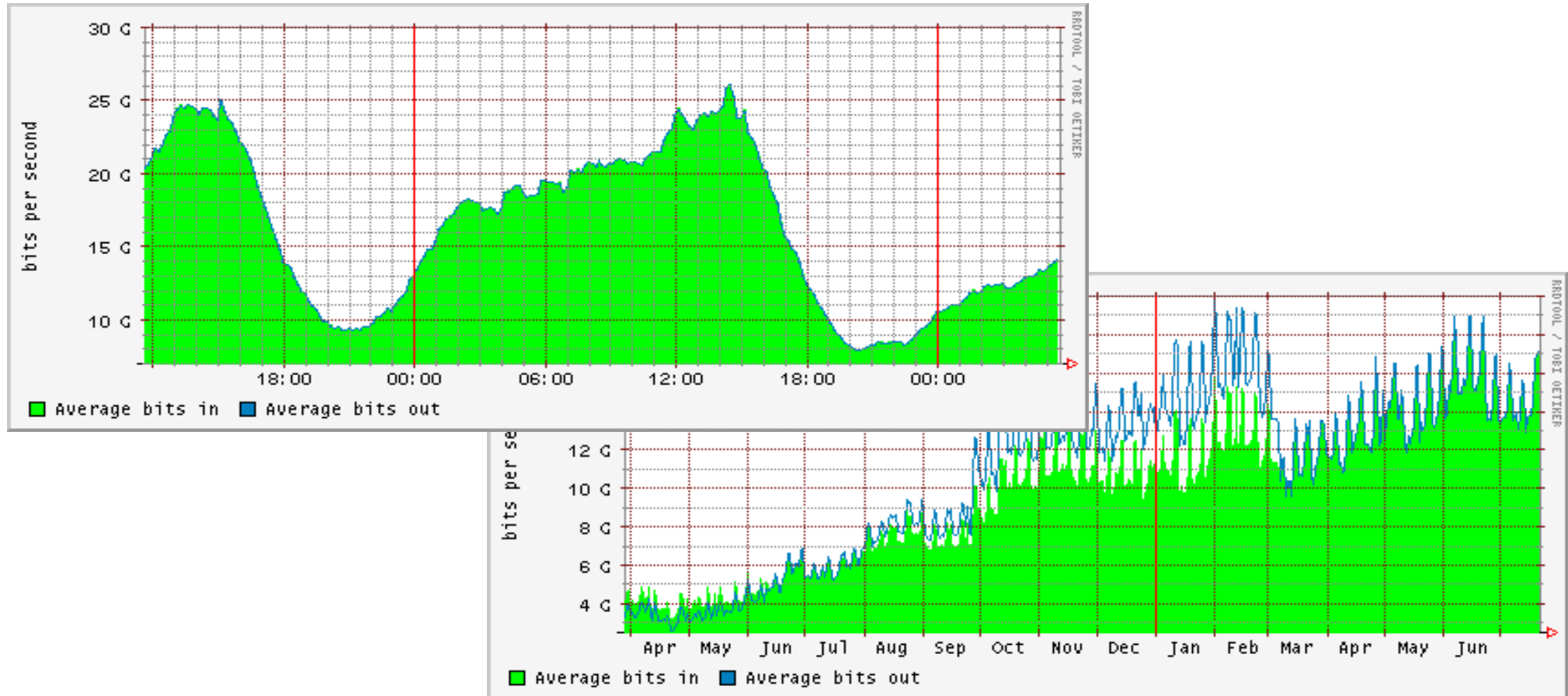
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Equinix Exchange in Singapore

Equinix SG2
(Open in Aug 09)

Equinix SG1
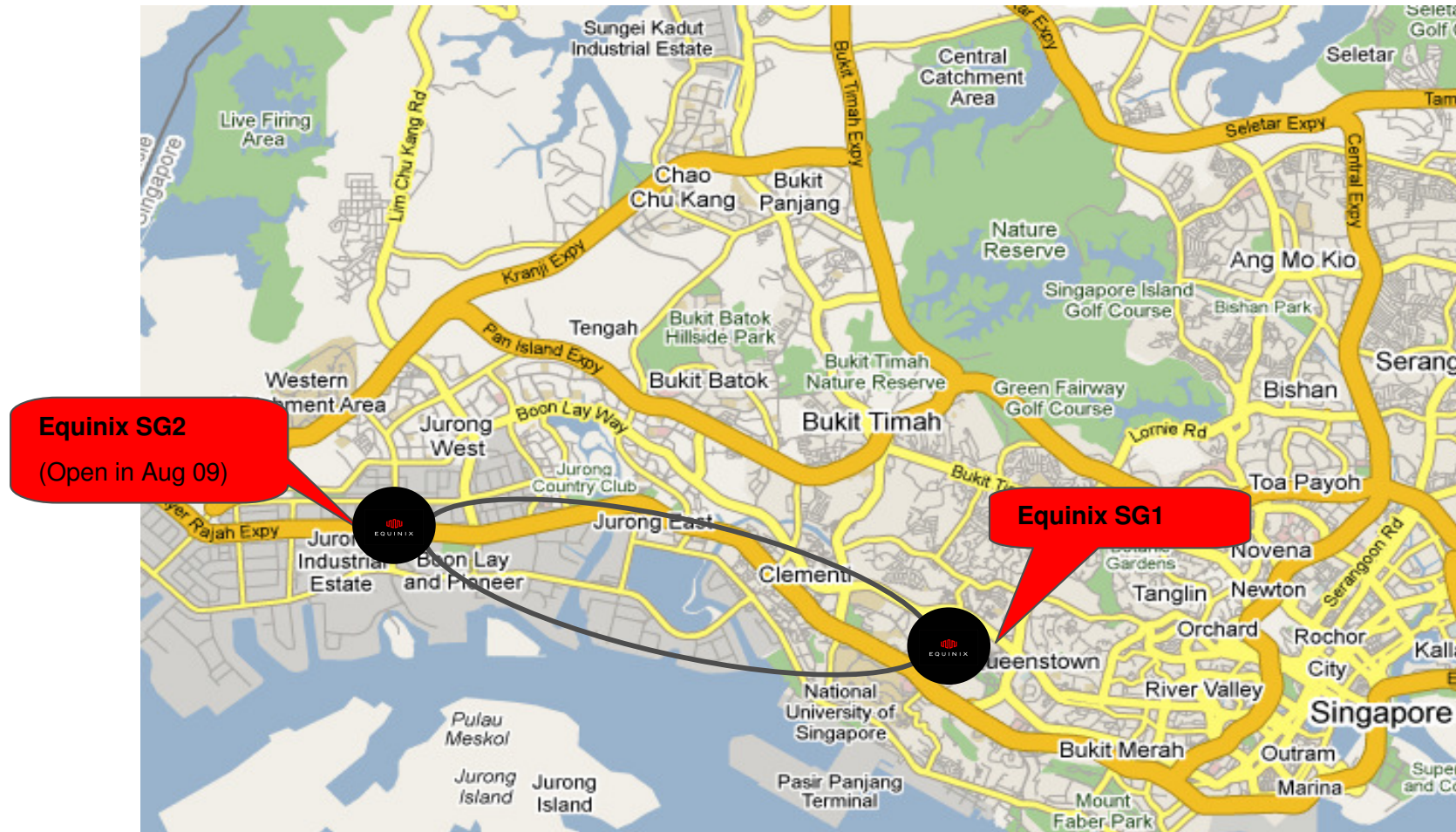
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Singapore Traffic Update

5.5G Peak, 2.2x traffic volume in 1 year

Proprietary & Confidential
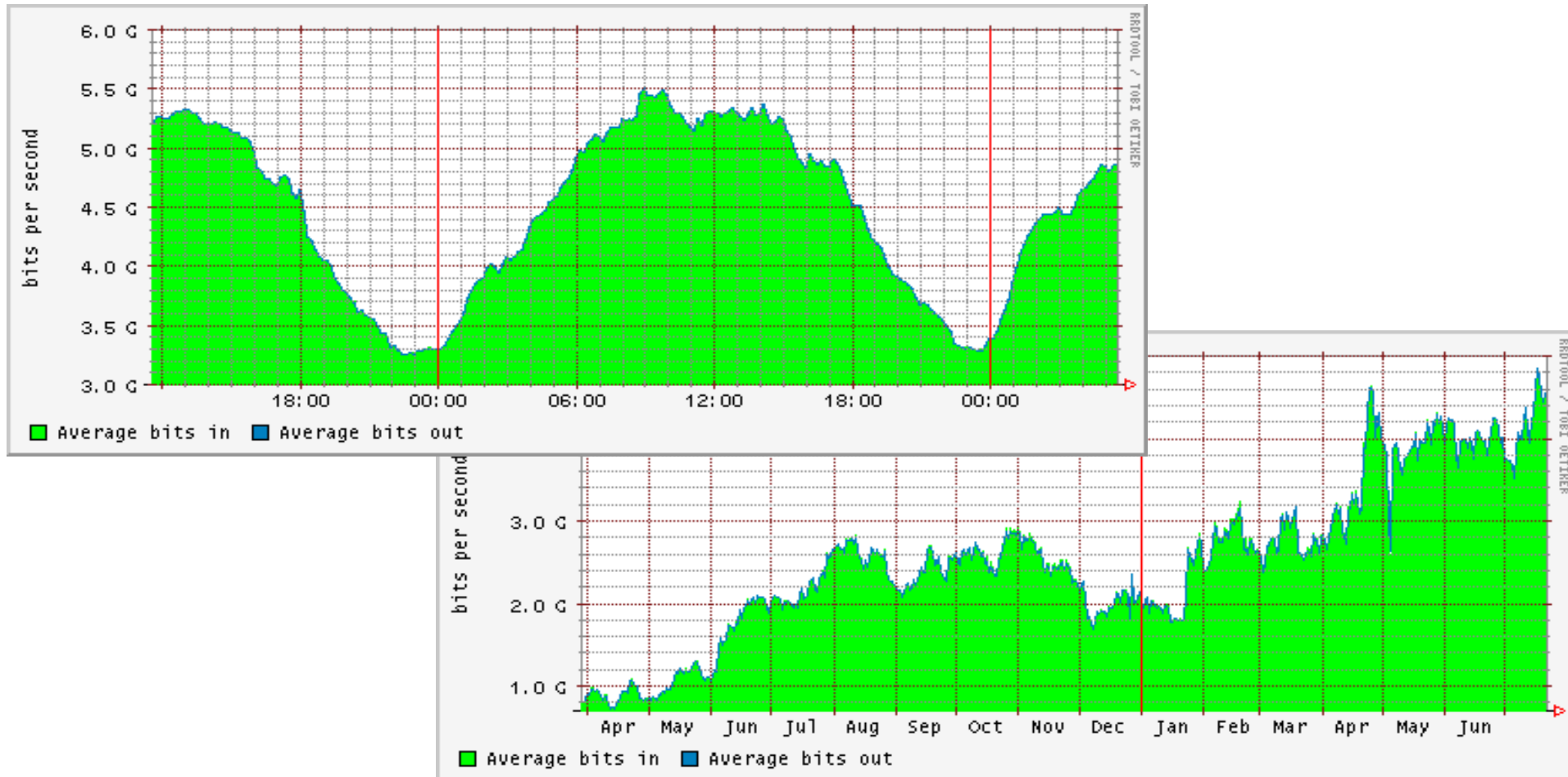
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Equinix Exchange in Hong Kong

Equinix HK1

MEGA-iAdvantage

Hong Kong Traffic Update

1.1G Peak
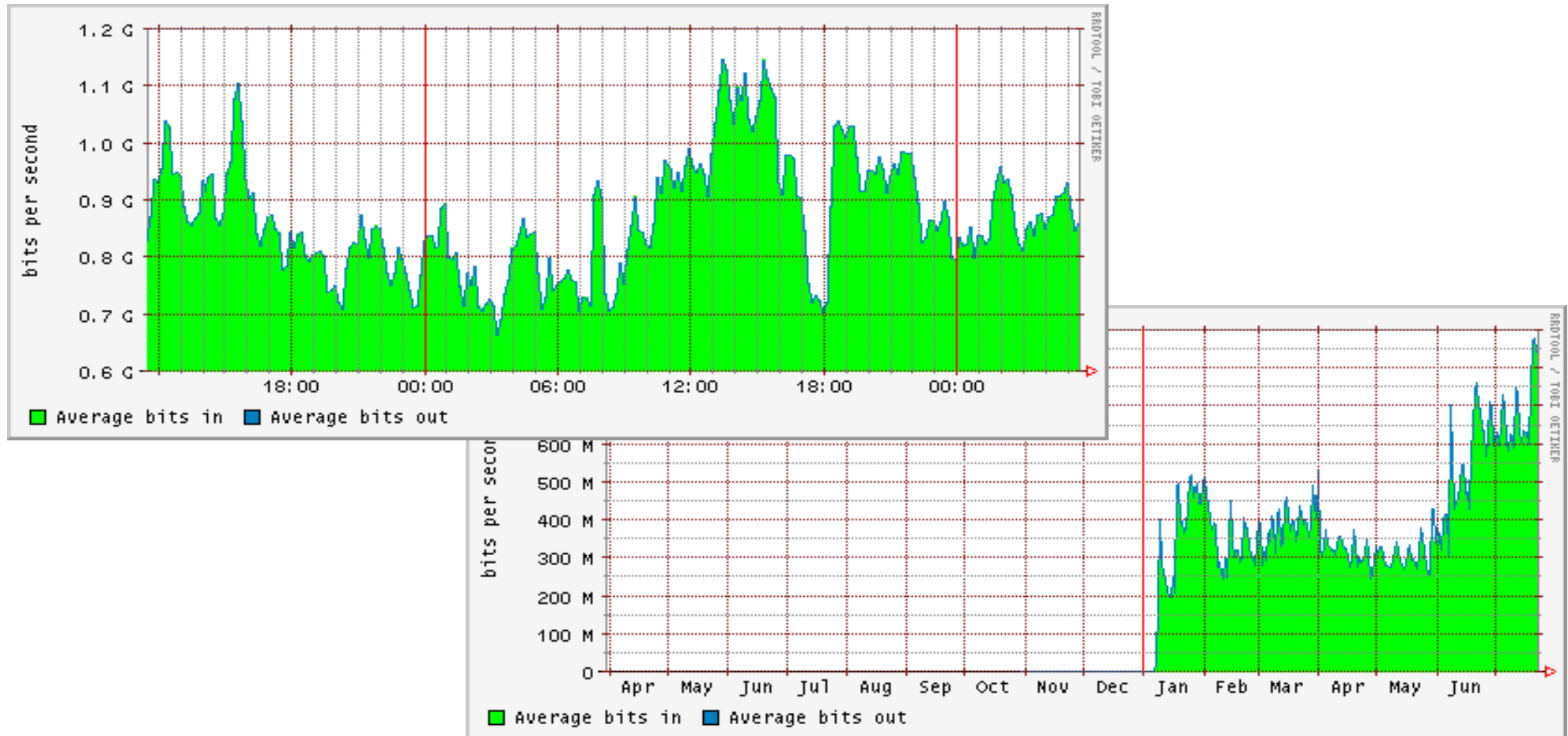
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Sydney Traffic Update

2.5G Peak, 8x traffic volume in 1 year

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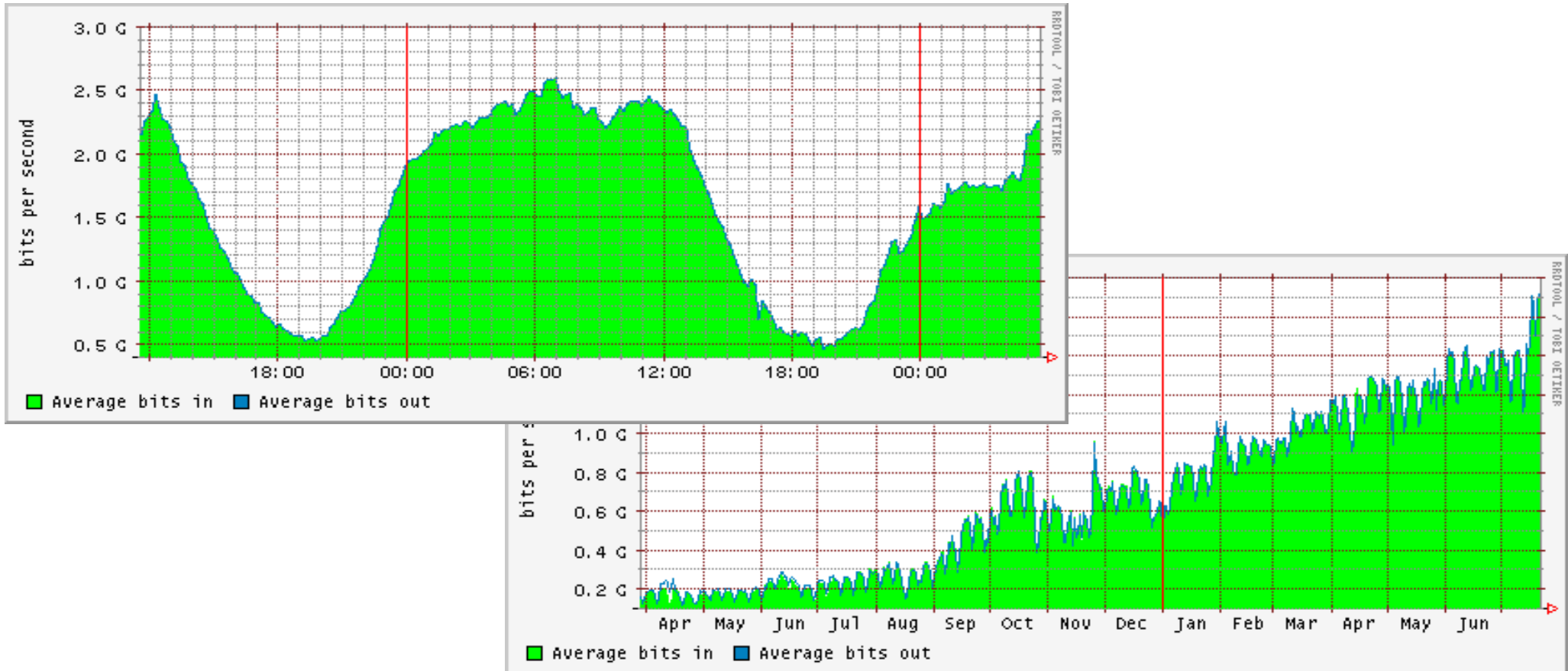
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Global Traffic Update

360Gbps Peak, 1.5x traffic volume in 1 year
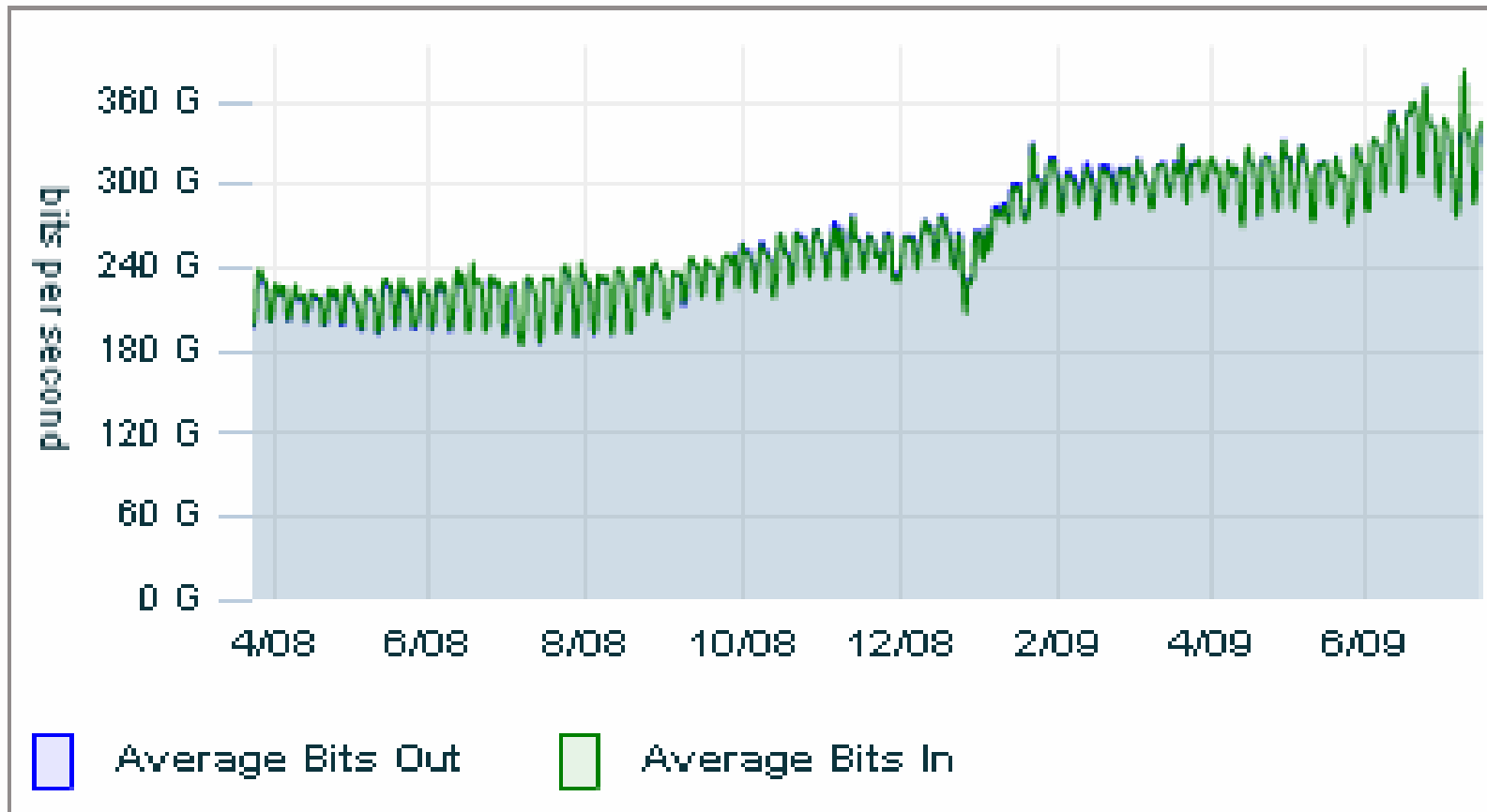
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Exchange Operations

How can we help grow traffic?

Mailing Lists: http://lists.ap.equinix.com/mailman/listinfo

Facebook Group: Equinix AP Beer and Peer

Equinix IX Portal: http://ix.equinix.com

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Thank you

Questions?

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