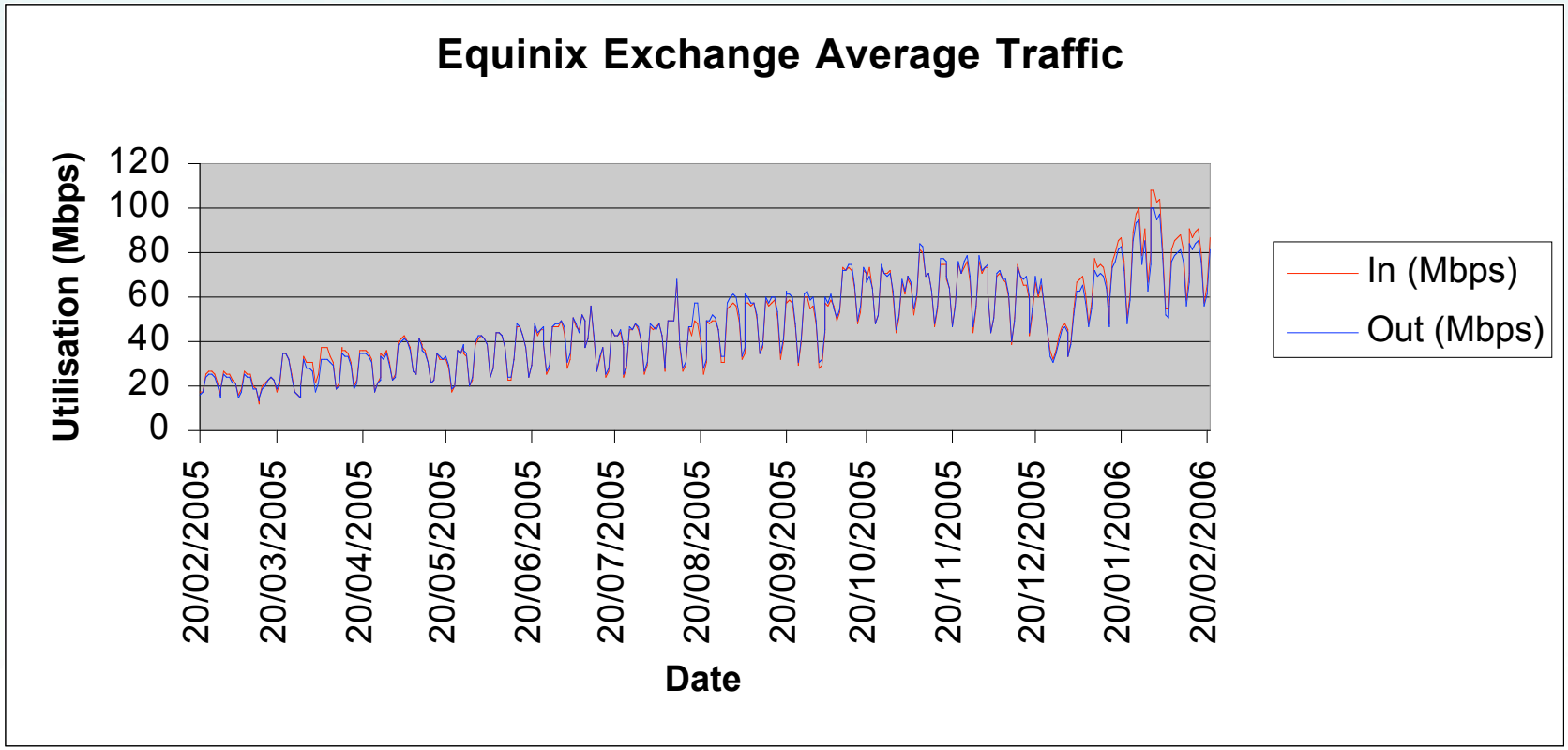
EQUINIX SYDNEY EXCHANGE UPDATE

FEBRUARY 2006

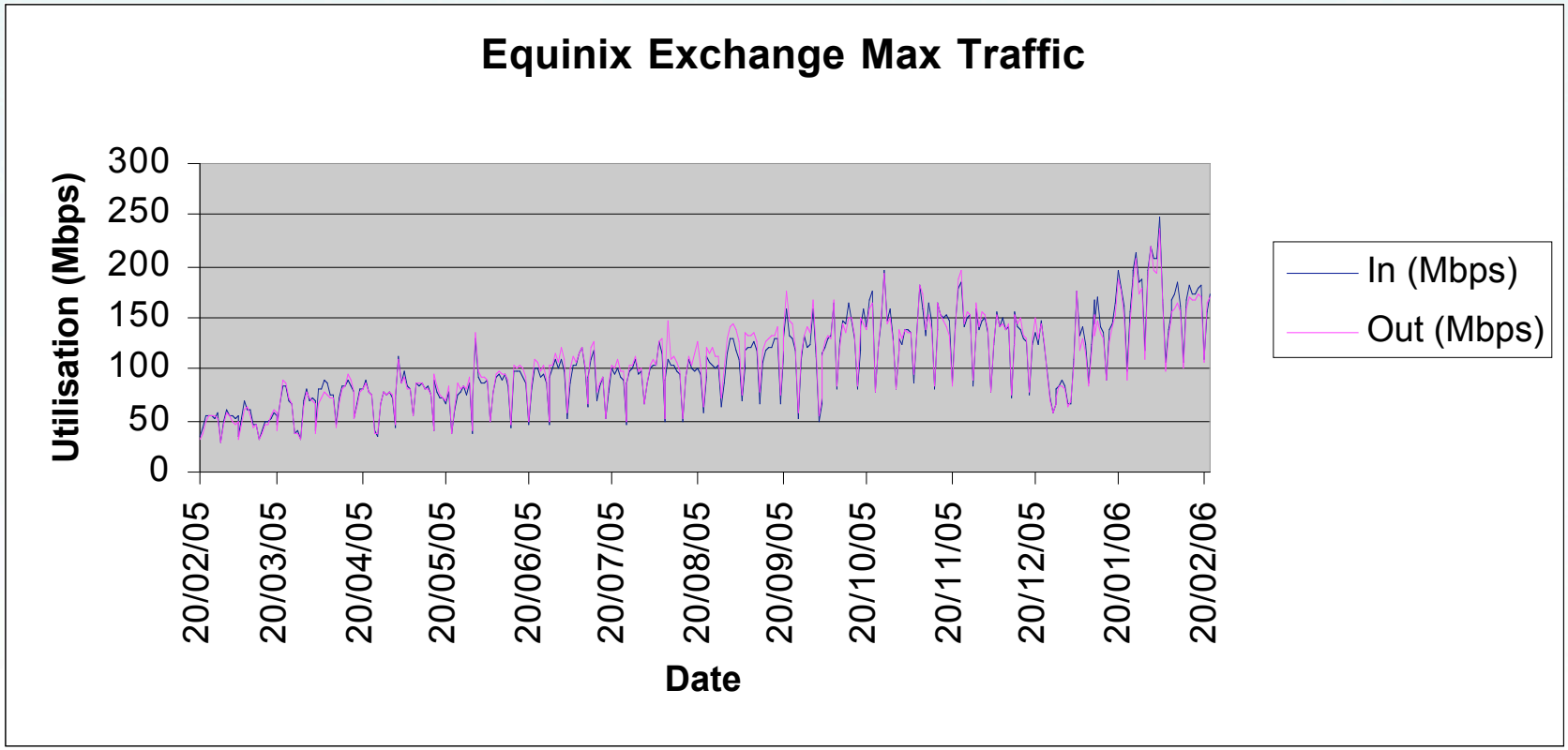
Equinix Exchange - Sydney

- Started in 2003
- 18 Participants
  - Includes domestic/international carriers, ISPs, and Content Providers
  - Flat fee structure - port
  - FastEthernet Connections
  - Colocation Services - 24x7
- Both MLPA and BLPA available
- Neutral
- Proxy peering available

Traffic Trends - Volume

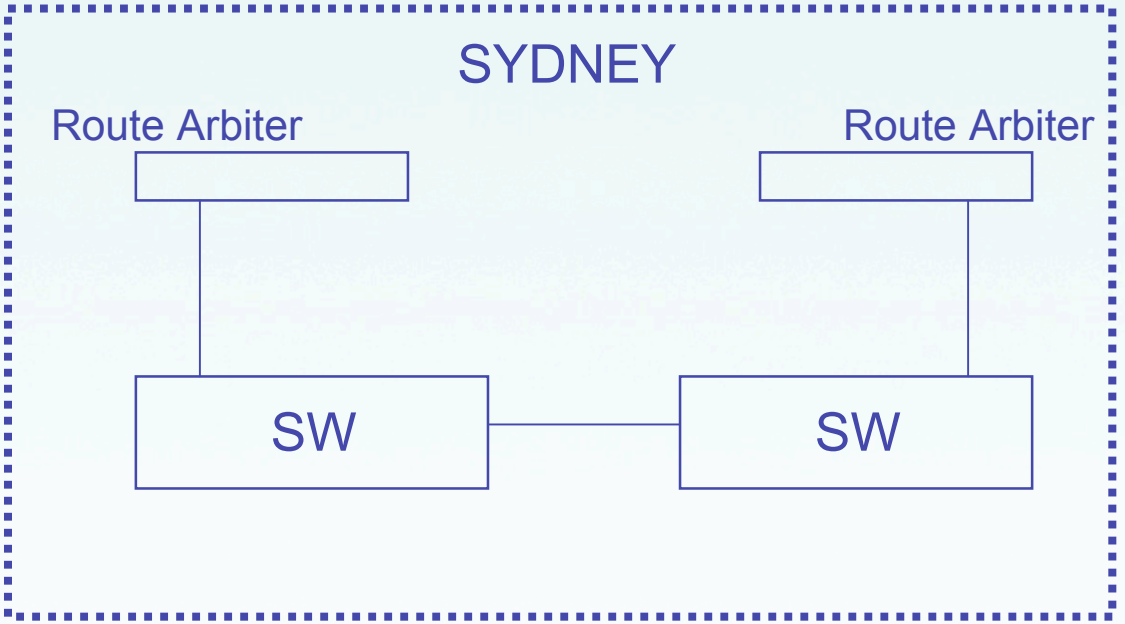


Traffic Trends - Peak



Exchange Topology

- Equipment
  - Cisco
  - Foundry
- Route Arbiter
  - Quagga
- ESP
  - Statistics
  - Co-lo enviroment
  - Integrated ticketing system



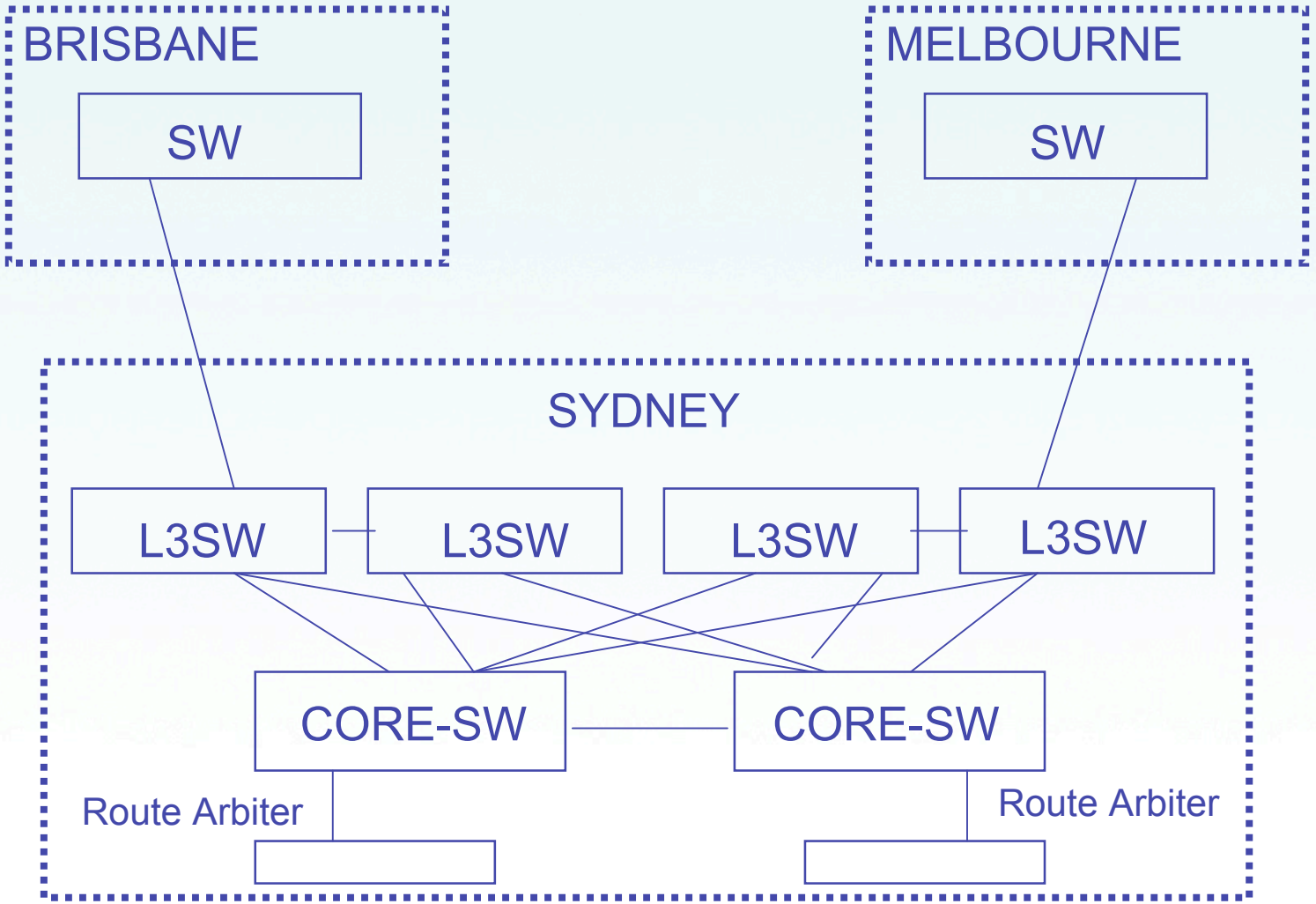
Equinix Exchange Extension

- Extension of the Exchange platform to the second and third largest population centres in Australia, Melbourne and Brisbane
- 3 Sites connected by ethernet backhaul provided by NextGen
  - Equinix Sydney IBX
  - Brisbane Metronode DC
  - Melbourne Metronode DC

Equinix Exchange Extension

- Enables inter-state peering via MLPA
  - Allows peers in each site to access peers in all 3 sites.
  - Intra-site BLPA peering allowed in all 3 sites.
  - No need to pay for inter-state backhaul
  - Larger community of peers
  - Usual case for peering
  - Managed by single entity
- Launch : March 2006

Distributed Exchange Topology



Thank you for listening!

- Equinix Website
  - http://www.equinix.com