

*Any*² Exchange

Introduction and History

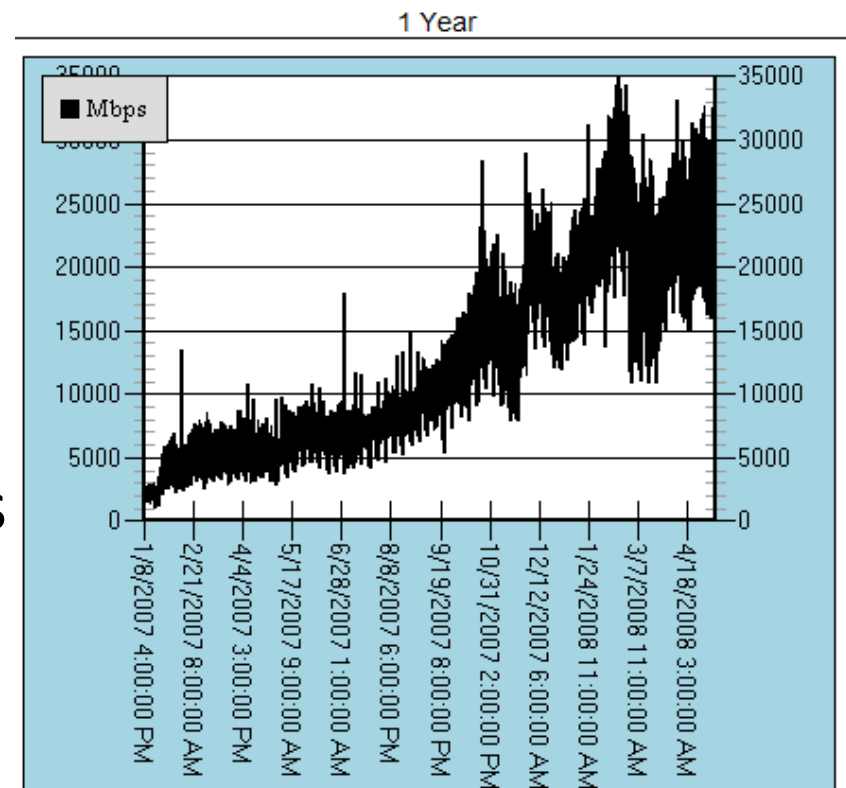


What is the *Any*² Exchange?

Rapidly growing Internet Exchange Point

- Serves as primary interconnection point
- Serves as backup or disaster recovery point
- Supports CRG West MMR
- Any2 Advisory Board
 - CRG West
 - Any2 members
 - Neutral industry consultants

*Any*² Exchange



Why Build the *Any*² Exchange?

- Los Angeles area was under-served with IXP options
- ISPs, CDNs, and VoIP companies complained about high cost of connecting to local IXPs
- CRG West had >350 direct networks, with many more subtenants
- 70% + interconnects using Ethernet
- Logical extension to 4th floor meet-me-room
- MMR easily supports interconnections within both One Wilshire, as well as greater Los Angeles community
- Initial feedback was enthusiastic, driving us to extend to all other California sites, and now all CRG West locations

*Any*² Exchange Life

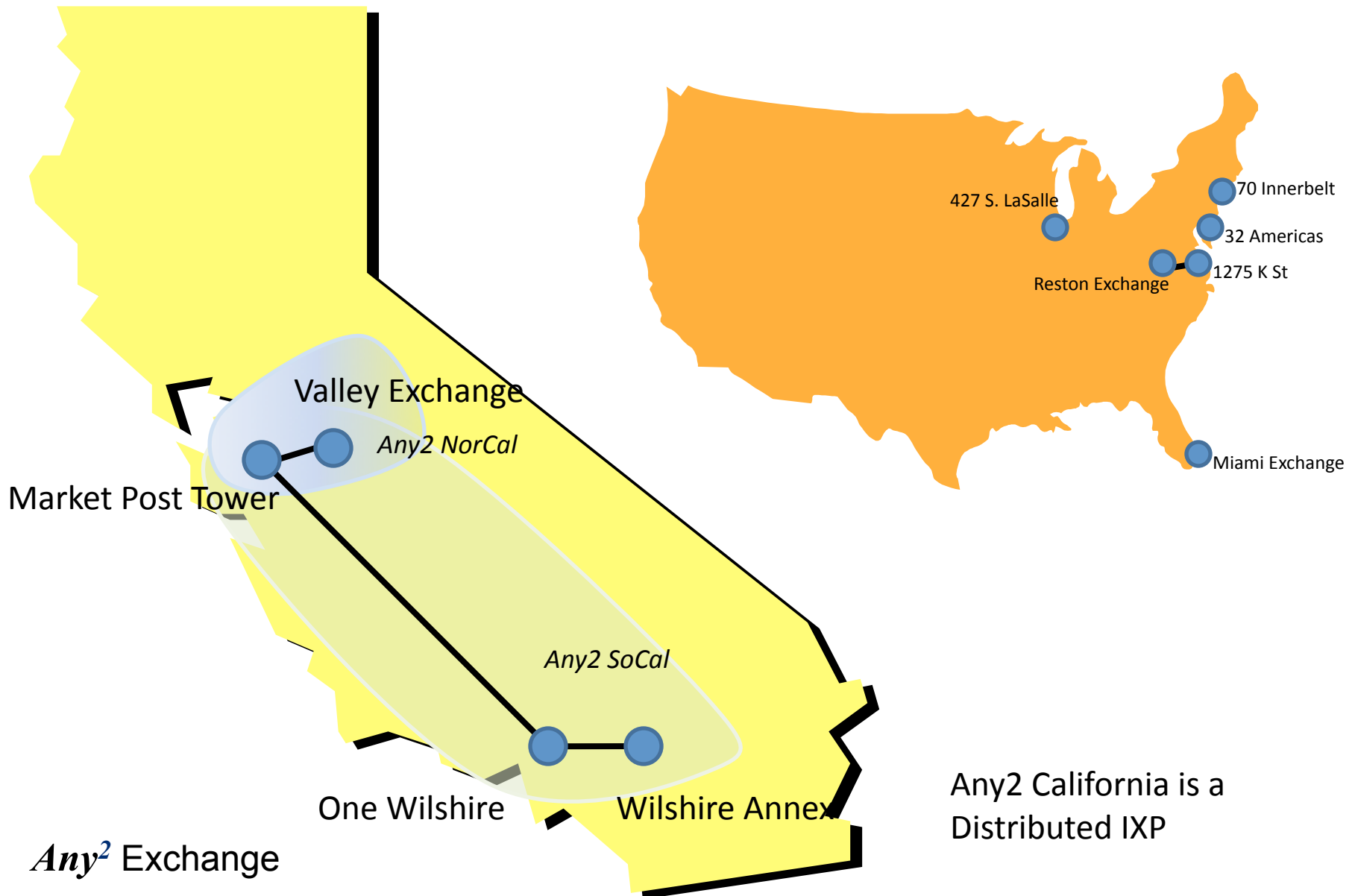
- Available to all CRG West data center tenants
- Available to outside networks
- Available via VLANs to Any2 subtenants
 - Extends Any2 to additional networks
 - Extends Any2 to additional IXPs
- Members connect with GE, NxGE, 10GE
- Many members hit pre-defined traffic threshold and move to PNIs
- Many members use Any2 ports for disaster recovery
- CRG West does not get involved with member relationships, unless to arbitrate a member dispute

Countries Represented on *Any*²

- USA
- UK
- Switzerland
- Australia
- China
- Philippines
- Hong Kong
- Singapore
- India
- Indonesia
- Canada
- Curacao
- Japan
- China
- Philippines
- Korea
- Guam USA
- Russia (pending install)

*Any*² Exchange Structure

June 2008



*Any*² Exchange Future

- Continue to upgrade capacity at high density locations
- Remove 6509s from core nodes
- Implement additional monitoring and management features as recommended by members and advisory committee
- Work more closely with IP-enabled community to determine future directions for Any2 and IXP industry
- Continue to keep cost/barrier of entry low as possible