

AMS-IX Update

The Amsterdam Internet Exchange

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Agenda

- AMS-IX
- Services & Pricing
- Members & Ports
- Traffic & Predictions
- Topology & Plans

AMS-IX

- Internet Exchange based in Amsterdam
- Non-Profit Organization
- 6 Co-Locations
- Brocade Hardware
- 330 Members
- 595 Ports
- 722 Gbps Traffic Peaks



AMS-IX Locations

- NIKHEF
- SARA
- Telecity II
- GlobalSwitch
- EuNetworks - since end of 2007
- Equinix - since end of 2008
- Interxion - planned for end of 2009

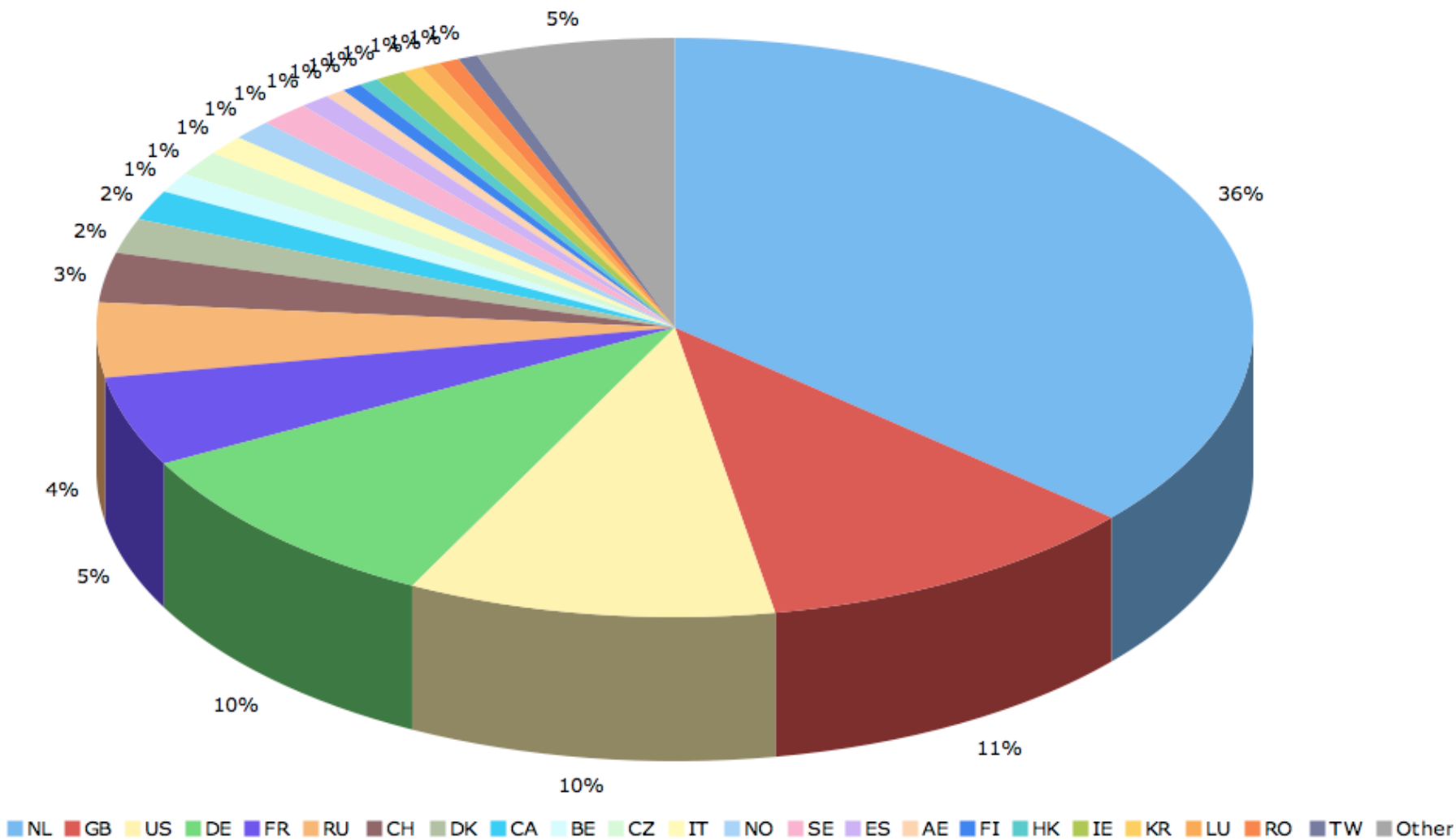
Services & Pricing

- 1 Gbit
(1000BaseSX, 1000BaseLX, 1000BaseLH)
 - 500 Euro / Month
- 10 Gbit
(10000BaseLR, 10000BaseER)
 - 2500 Euro / Month
 - ➔ **2000 Euro / Month from Jan 1st 2010**
- 100 Mbit (100BaseTX) not available anymore since June 30th 2009

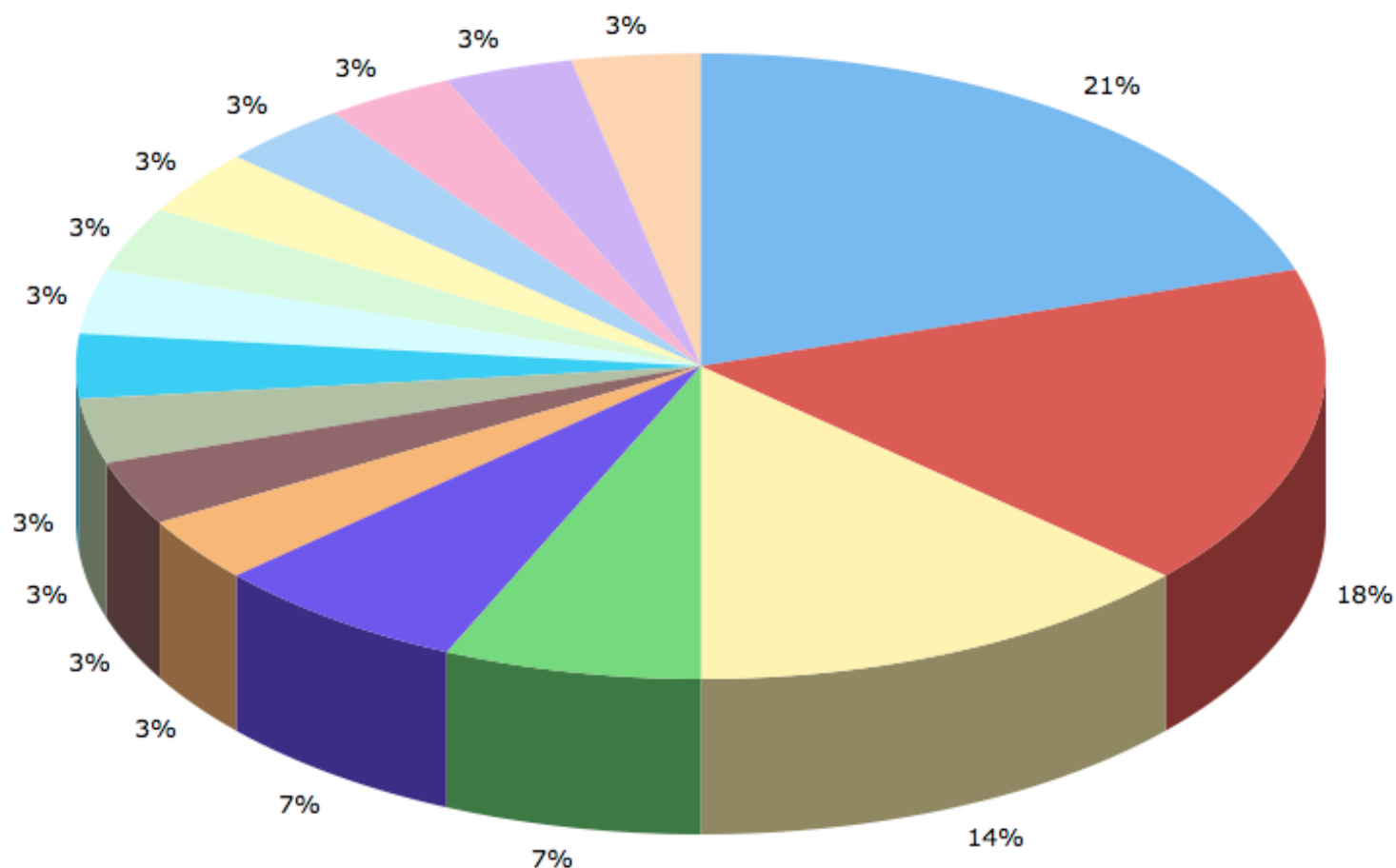
Members & Ports

- 330 Members in Total
 - From 41 different Countries
- 30 New Members this Year
 - From 26 different Countries

Total Members

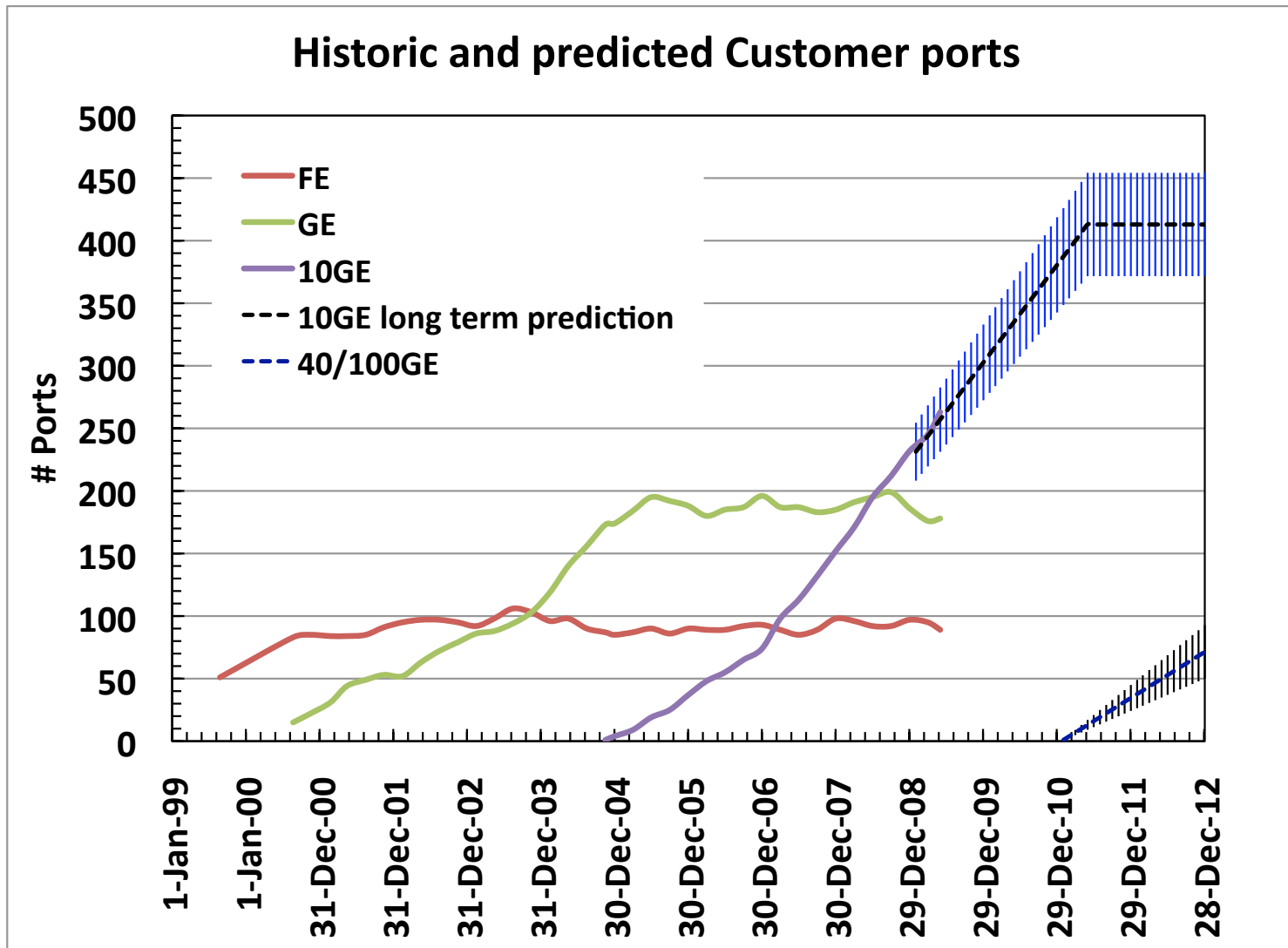


New Members 2009

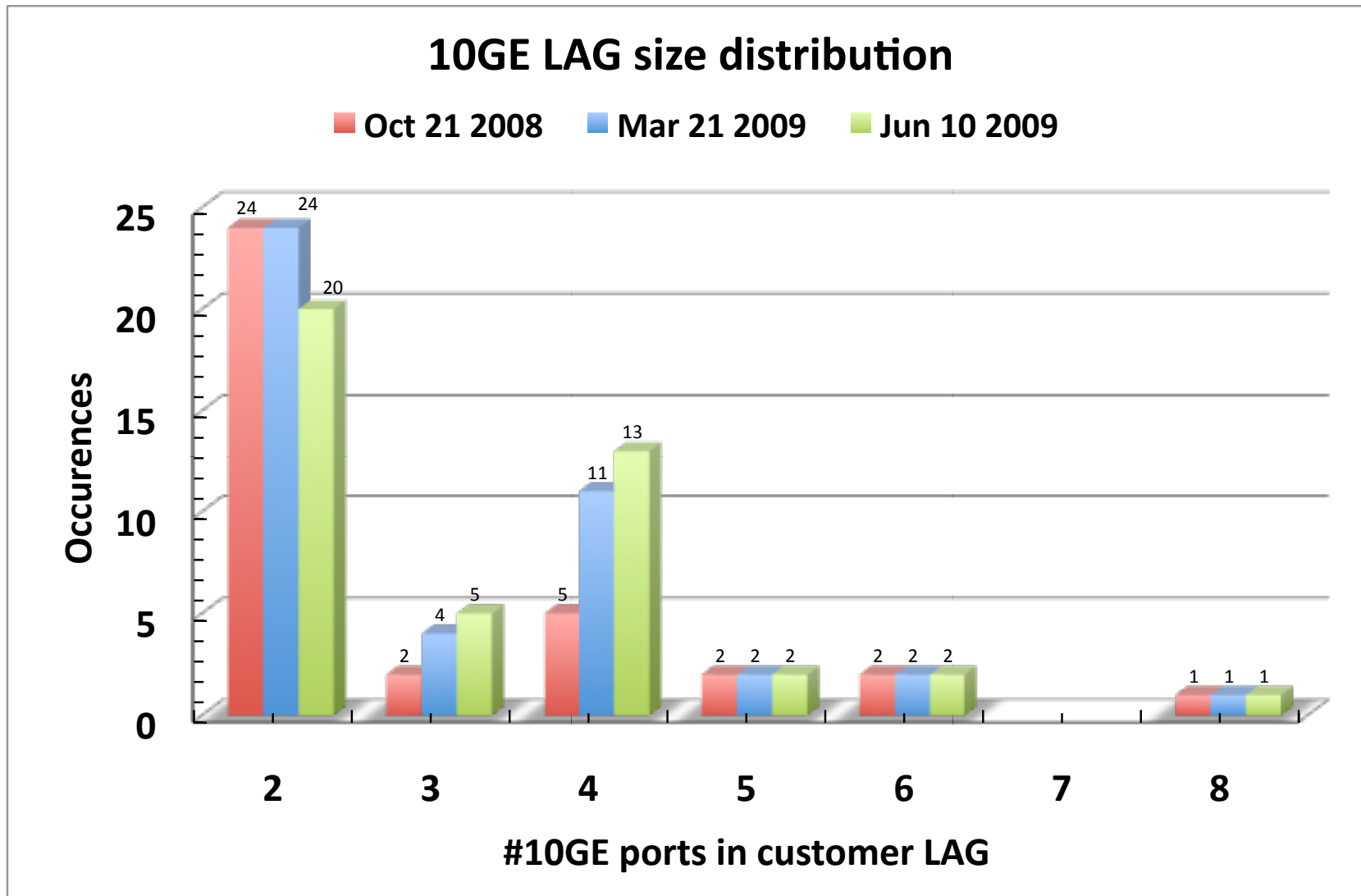


NL US RU DE DK AU CA CZ FR GB LU MD NO PK RO SE

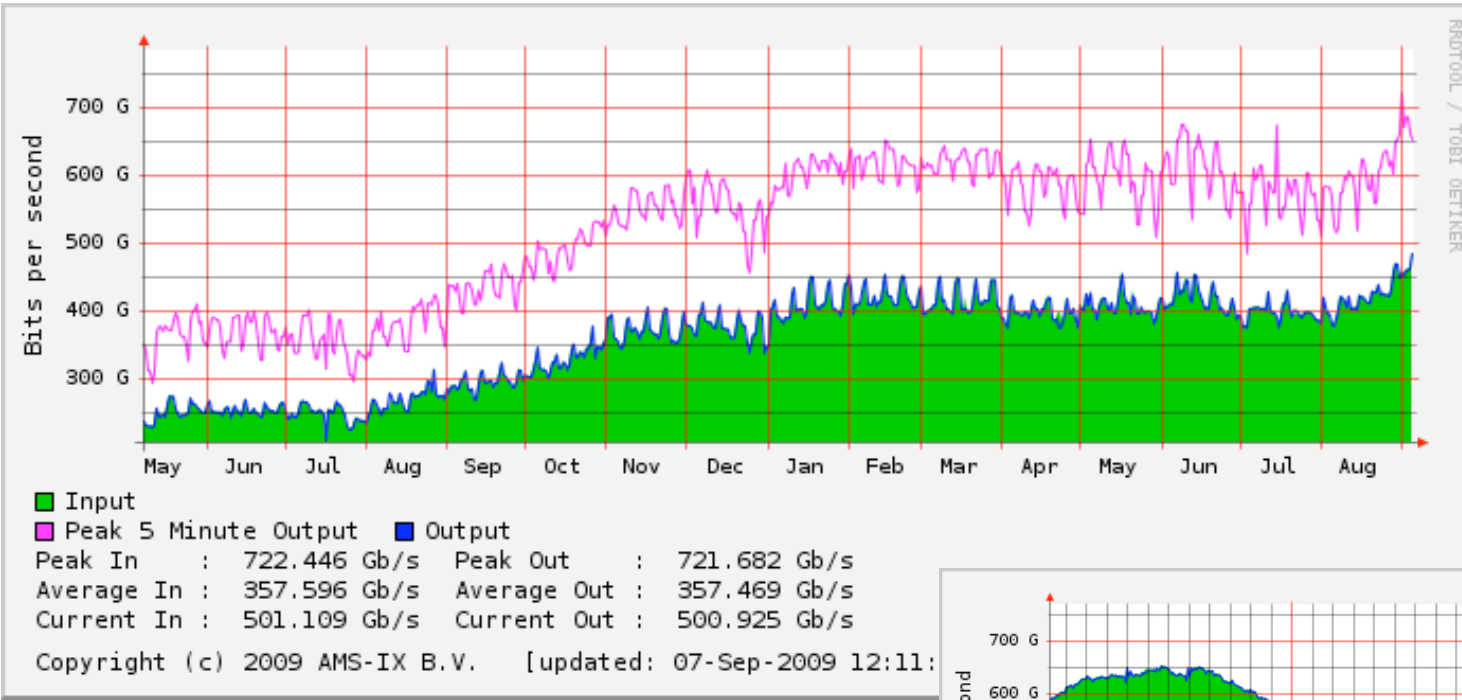
Members & Ports



Members & Ports

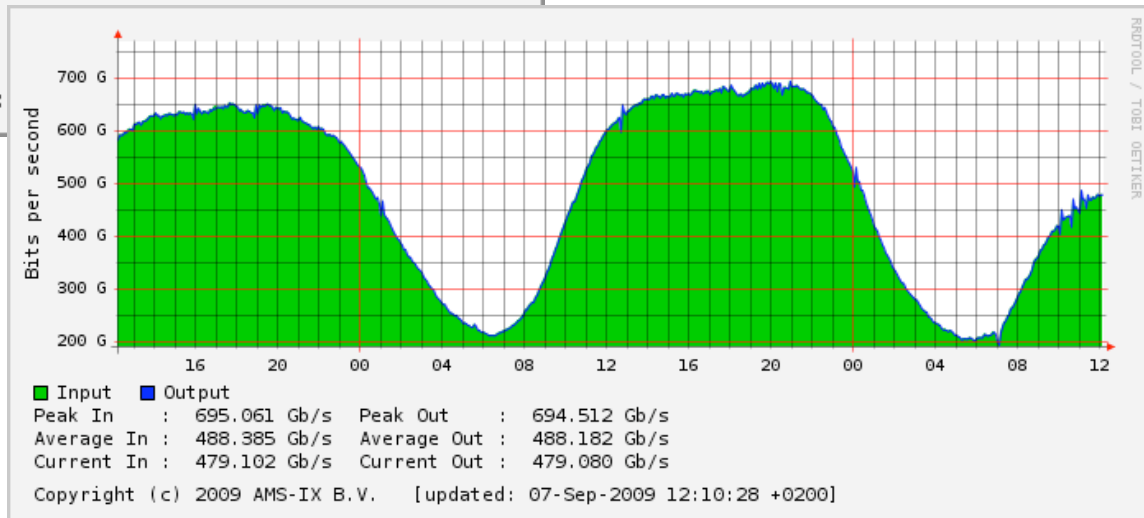


Traffic

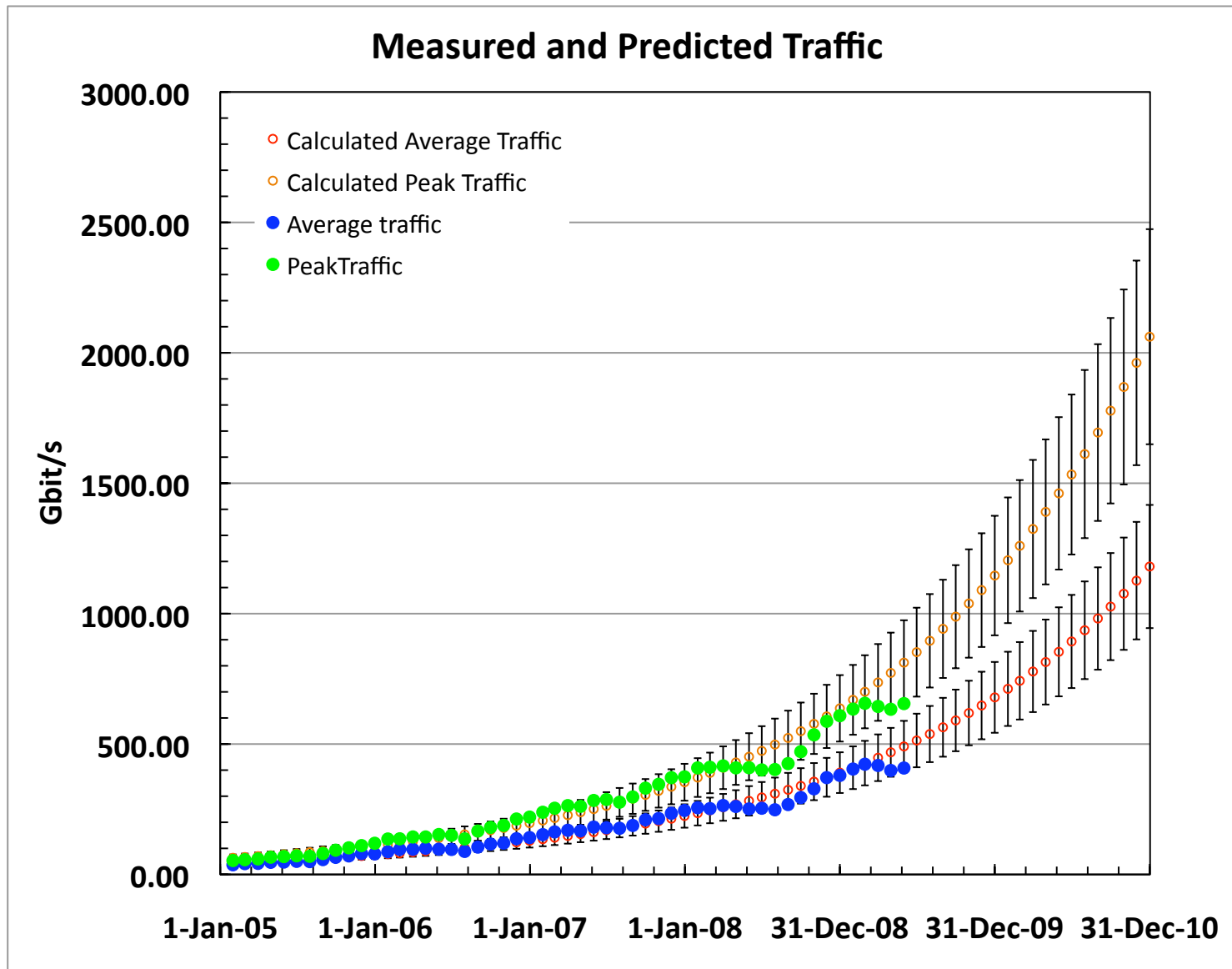


- Peaks up to 722 Gbps

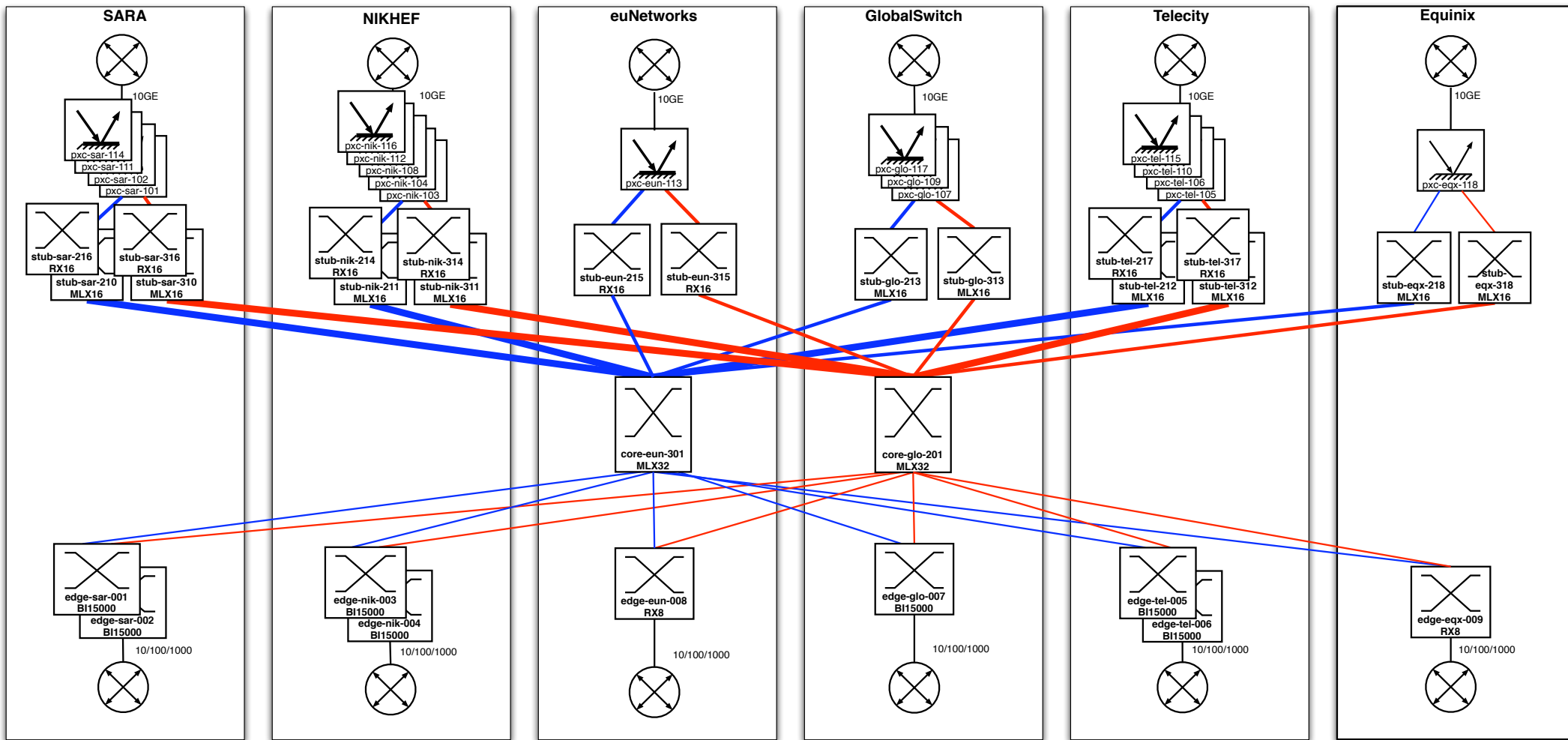
- Growing period started
- 1 Tbps expected after December 2009



Traffic



Previous Topology (last PLNOG)

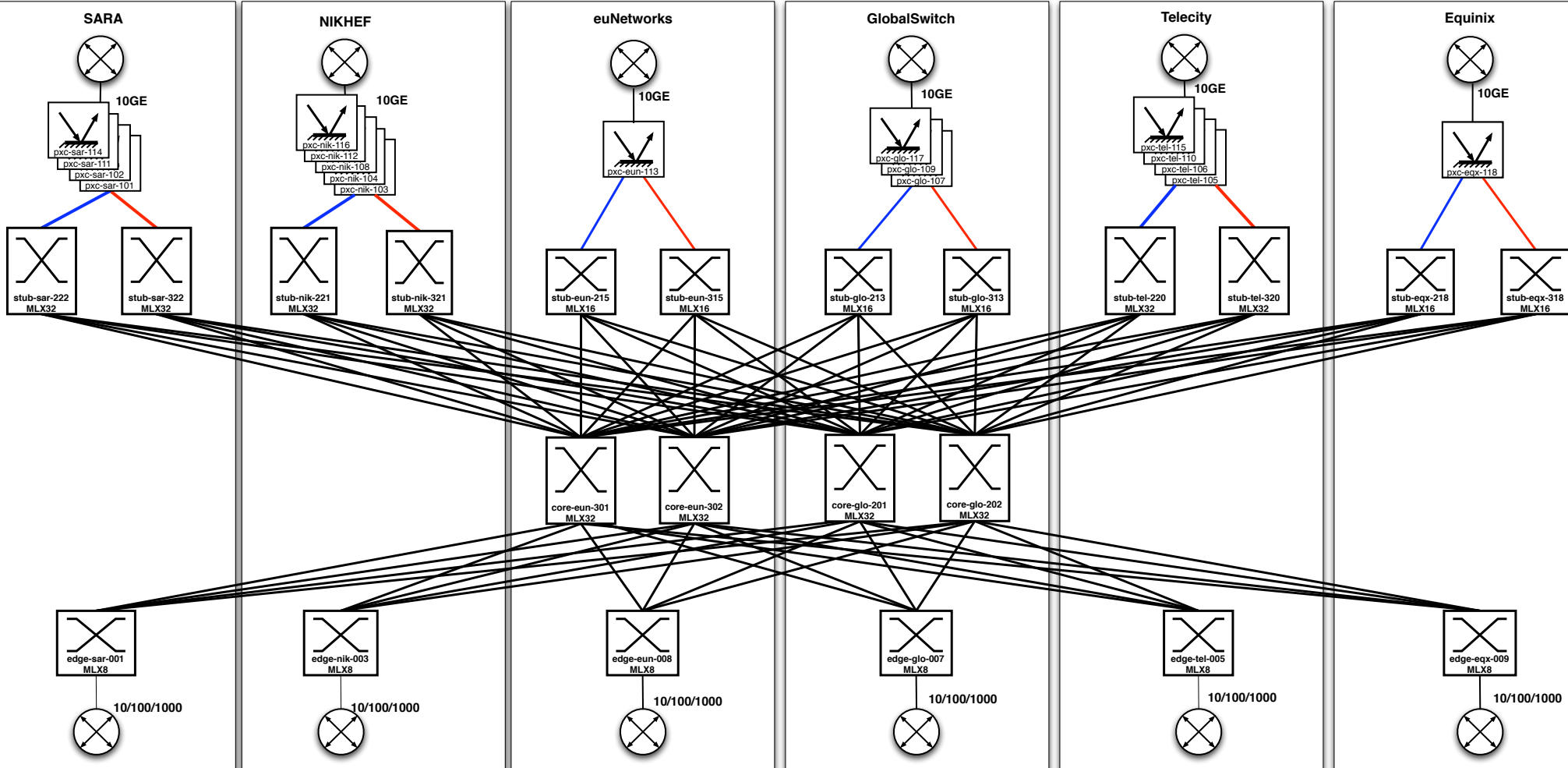


The Old Model

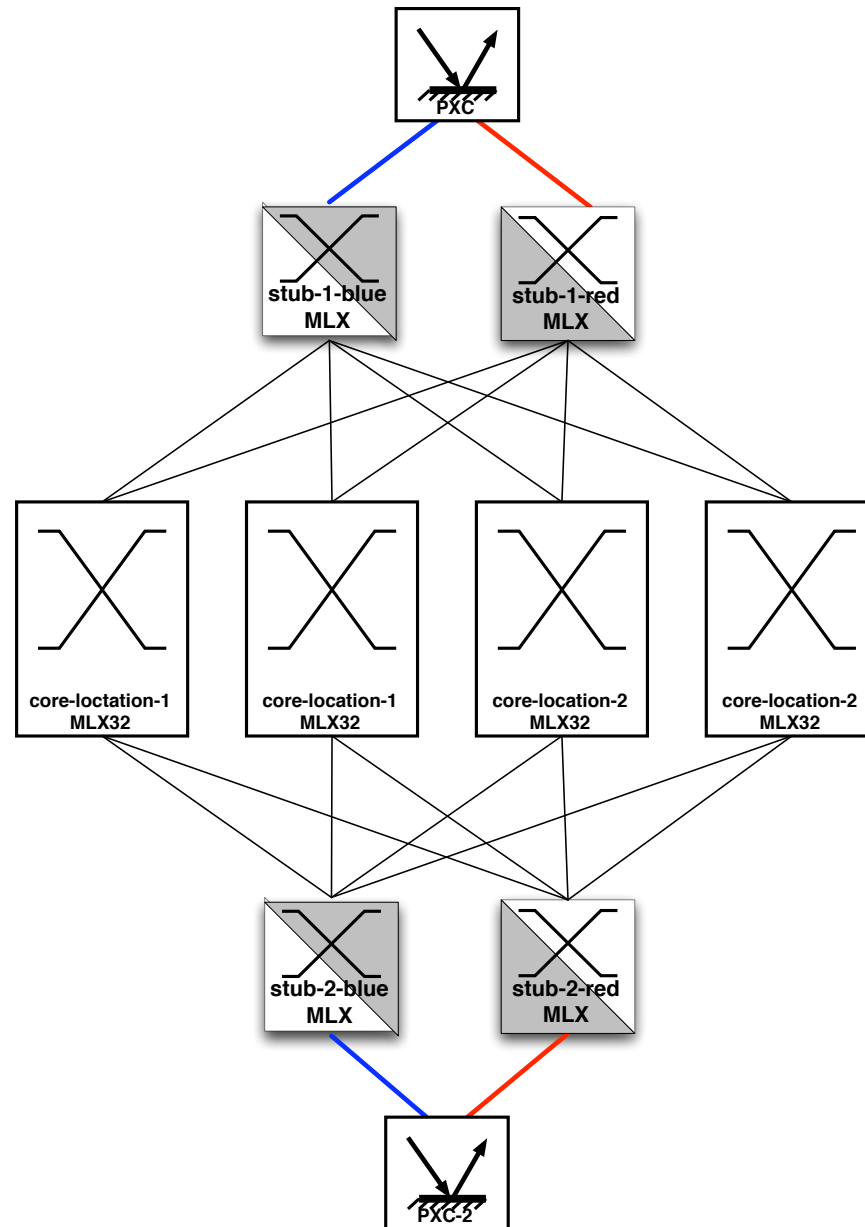
- Double Star Topology
- Loop prevention with VSRP
- Failover with Glimmerglass Photonic Switches



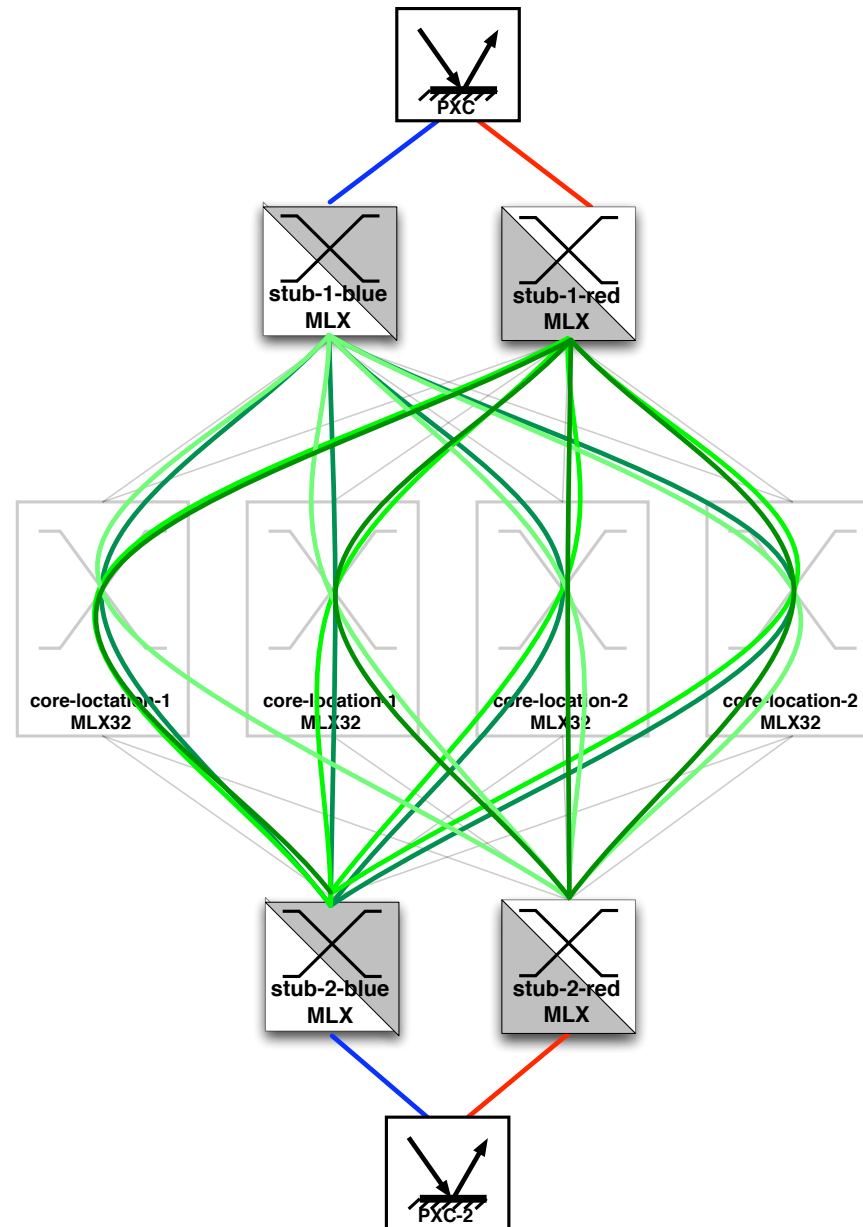
Future Topology



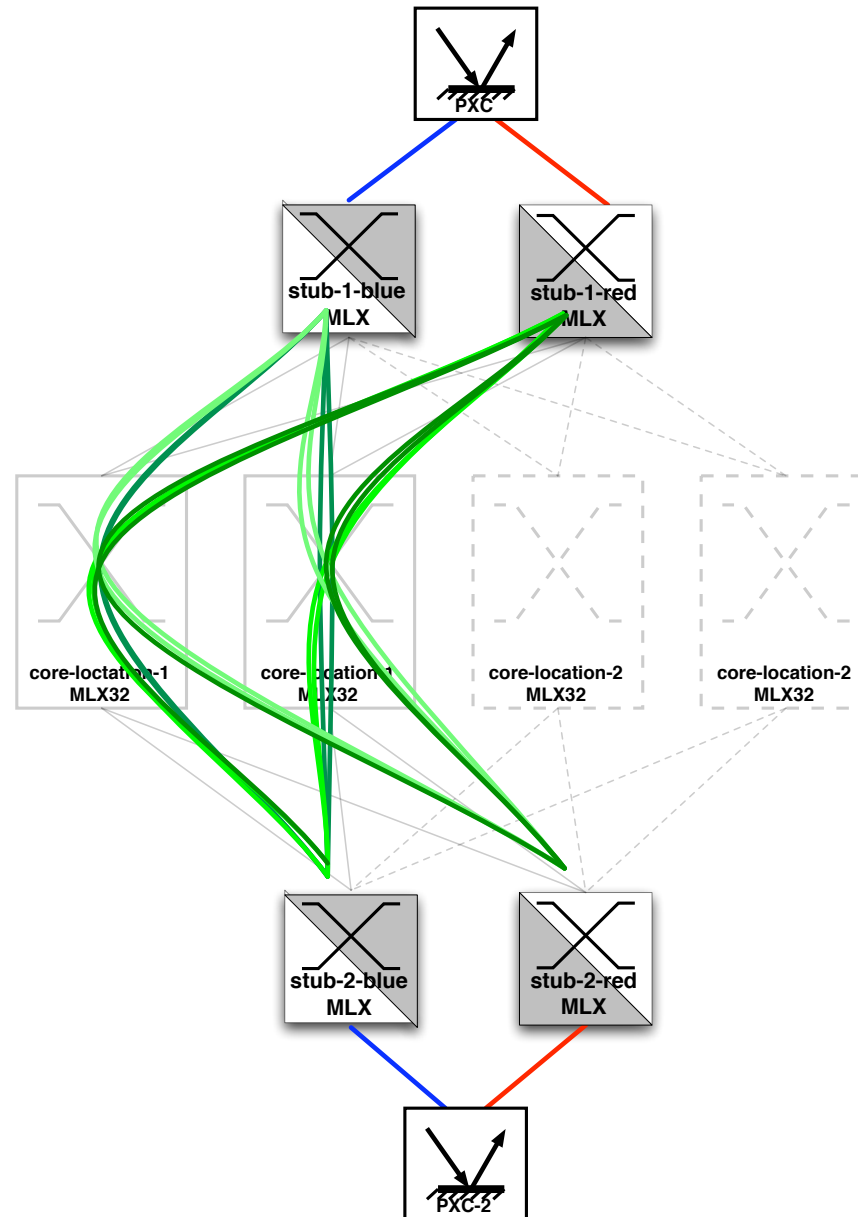
VPLS Setup - Layer I



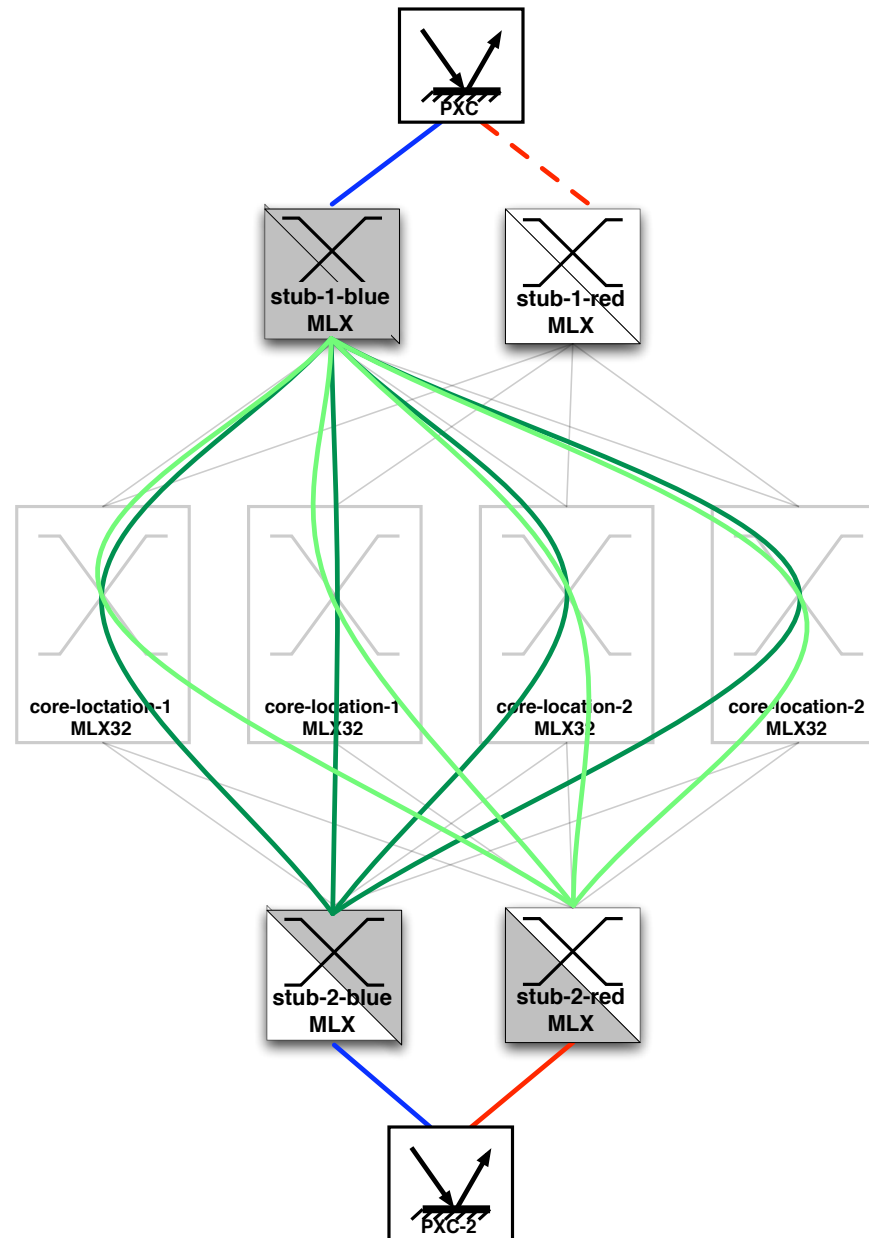
VPLS Setup - LSPs



VPLS Setup - Core Failure



VPLS Setup - Stub Failure



Thank you!

Questions?

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