



# Finnish IXP – FICIX ry Partner Program

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Member of  
**euro-IX**  
European Internet Exchange Association

# What and where?

## FICIX

- Founded by agreement 3-Nov-1993
- Registered association from 24-Sep-2001
- Membership based
- Not-for-Profit
- 3 independent sites
- 1G, 10G and 100G port support
- Sites equal in terms of capacity, resilience and services
- Part of critical infrastructure of Finland
  - Independent from government
  - Close cooperation with authorities to develop Finnish information society



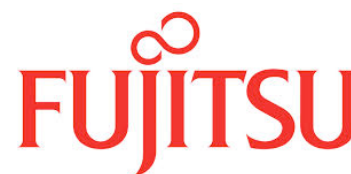
# Members



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siinä on ideaa.



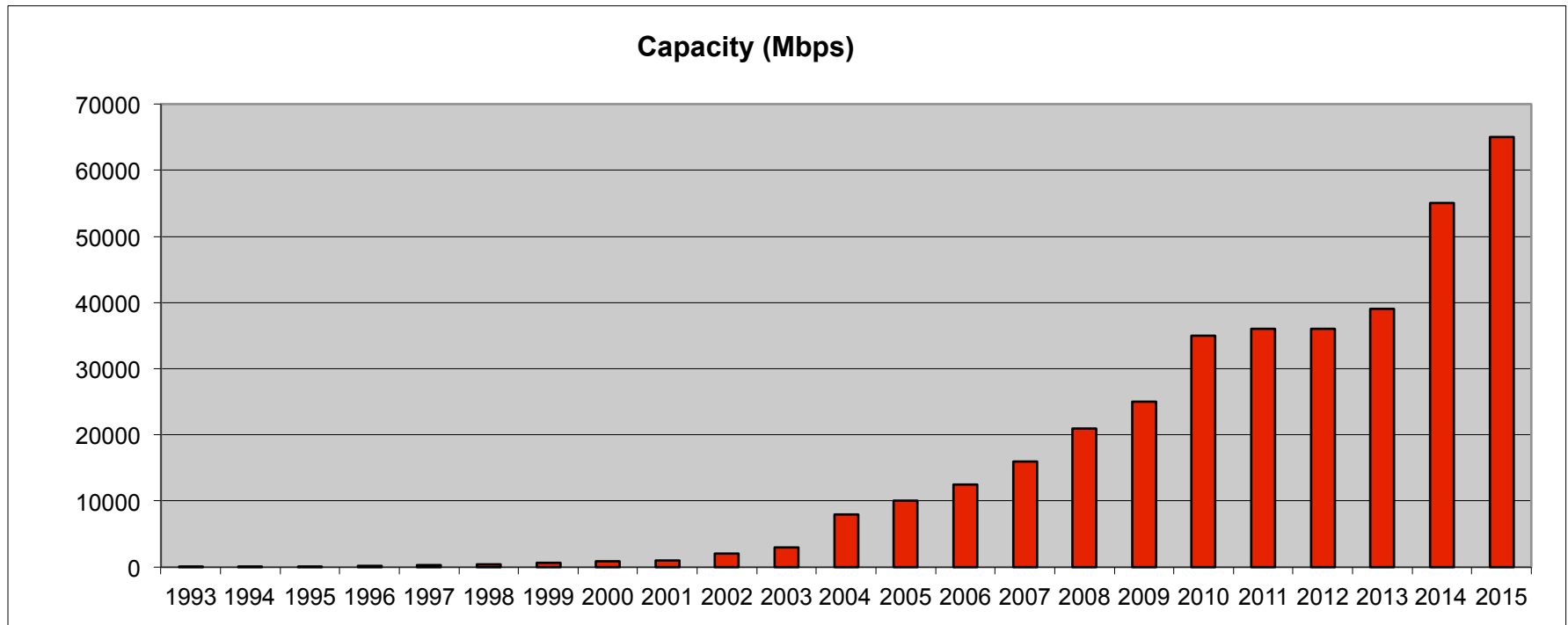
a step ahead



# Root-servers and measurements

- **Internet root-servers**
  - FICIX1 – i.root-servers.net
  - FICIX2 – k.root-servers.net
  - FICIX3 – j.root-servers.net (RIRS)
- **ccTLD servers**
  - FICIX1 – fi-root
  - FICIX2 – fi-root (planned)
  - i.root-server hosted ccTLD's
- **Measurement services**
  - FICIX2 – RIPE Atlas Anchor
  - FICIX1/2/3 – BaseN traffic monitoring





Daily peak Mbps value, 5 min polling interval

# FICIX PARTNER PROGRAM



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- Concept for reselling ports
  - Membership not required, port fees follow standard pricing list
  - Reseller has free hands for product development and pricing
  - Remote-member(s) may need additional services to go with virtual port - transport, co-lo, operations, consulting
  - Specially targeting to ease content providers and multinational enterprises to establish business in Finland and join national traffic exchange

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- **Concept details**

- Reseller may be or become a member, not required
- Every party connected to peering VLAN required to be a member
- Reseller is allowed to use FICIX Partner –logo and marketing material
- Reseller port statistics are always public
- 10G and 100G ports available, 1G negotiable

- **Technical setup**

- MPLS VPLS configuration
- Port Security (MAC addr. control) change to filtering mode
- Statistics from remote-members n/a for the time being

- **TO-DO**

- Planned work: OS upgrade and configuration change
- Take in pilot resellers and first remote-members
- Start with FICIX1 and after an service assurance period continue with FICIX2

# FICIX PARTNER PROGRAM



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# Thank You!

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