

www.VIX.at

The Vienna Internet eXchange

operated by the Vienna University
Computer Center / ACOnet

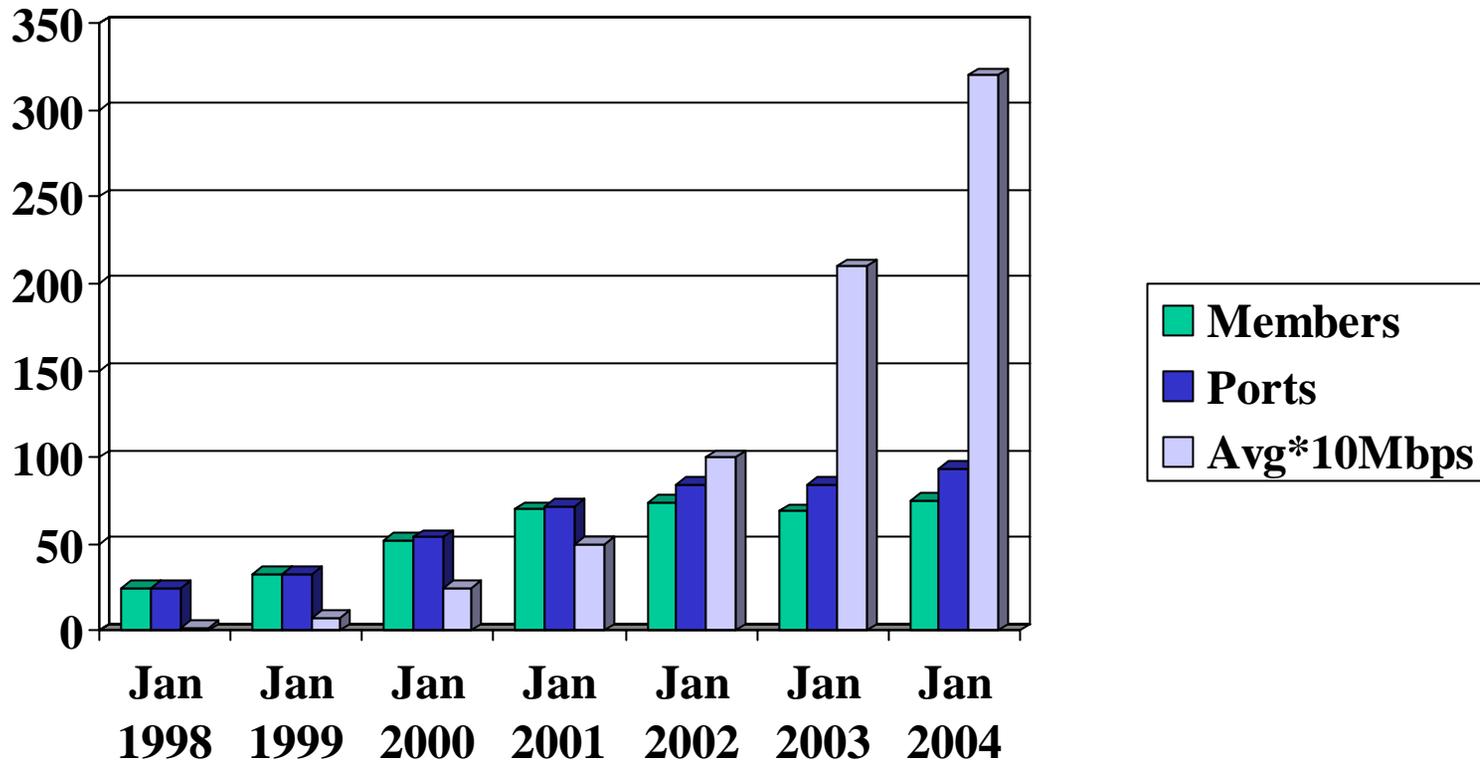
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History & Status

- Pilot phase started early 1996 with 5 members on a shared 10Base2 wire at UniVie premises
- Production phases since
 - Oct 1996 on switched 10BaseT (Catalyst 5000)
 - Jun 1999 on switched 10/100BaseT (Catalyst 5509)
 - Oct 2000 first subscribers on 1000BaseSX ports
 - Mar 2001 on true GbEth-Switches (ExtremeNetworks BlackDiamonds) and opening of VIX extension site at Interxion Data Center in Vienna/Floridsdorf

Development of Members/Ports/Traffic



Characteristics

- not for profit, low overhead, low cost
- on University of Vienna grounds + redundant extension site at Interxion data center
- no route-server, bilateral peering agreements
- public summary statistics available
- voluntary peering matrix available
- Availability of VIX infrastructure better than 99.99% since October 1996, in every single year better than 99.97%

Characteristics

- Many Carriers, Fibre Providers and IP backbone ISPs available at both sites
- **IPv6 Tests:** dedicated VLAN for IPv6 tests with free 10/100 switch ports for existing IPv4 subscribers until end of 2004
- Working on INOC-DBA deployment

Prerequisites for VIX-Connection

Members are expected to be ISPs and are required to have:

- their own IP allocations (Local-IR)
- their own AS number
- international Internet connectivity

In general, mere content provision does not qualify for a direct VIX connection.

Charging

SetUp Fee	once per location	€ 750
Switch port	10BaseT	€ 100/month
	100BaseTX	€ 300/month
	1000BaseSX	€1000/month
RackSpace	various packages	€75/RU/month