



Meet the Vienna Internet eXchange

@ Palais Ferstel, Vienna
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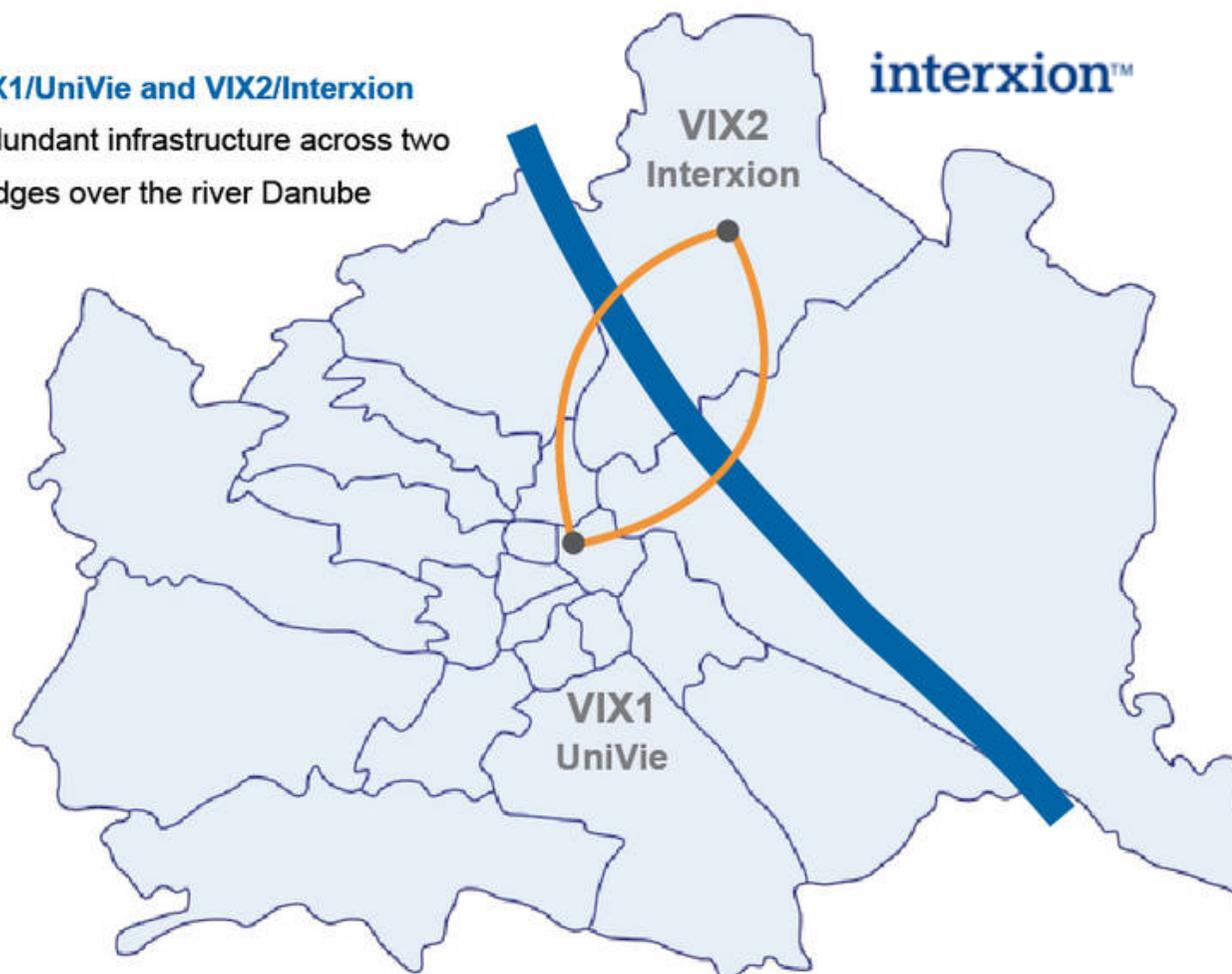
VIX Early Days

- 5 founding members of VIX in 1996:
 - ACOnet
 - VIAnet
 - ~~IBM Global Network~~ now: ATTGlobal
 - EUnet.at
 - APA, Austria Press Agency
- 12 months later already 20 participants @ VIX
- another 48 months later: 70 participants
- 2001: second location, **VIX2 @ Interxion Austria**



Dual-Site since 2001

VIX1/UniVie and VIX2/Interxion
redundant infrastructure across two
bridges over the river Danube



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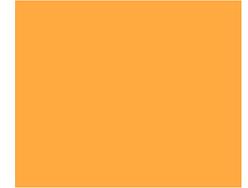
Current Status VIX (Dec 2013)

- VIX switching infrastructure still operated by the Vienna University Computer Center / ACOnet - Team
- neutral, robust, resilient and non-profit peering environment for the academic and commercial Internet market in the CEE region
- Overall availability of VIX since 1996 better than 99.99%
 - in every single year since 2001 (dual-site) better than 99.98%
- **122 active participants** (AS numbers)
 - on **173 ports** (IPv6 on 103 of them)
 - 63 participant ports @10GbEth
- traffic summary peaks > 150 Gbps
- inter-site capacity 160 Gbps / typical inter-site traffic < 15 Gbps
- well accepted Route Server with convenient Admin Web-GUI
 - 87 participants using VIX Route Server
 - 77 with “open” peering policy



Peering Situation @ VIX (Dec 2013)

- ~ 50% (increasing) of VIX participants from outside Austria
 - Carriers, ISPs, CDNs, Content/Hosters, Cloud Provider ...
- ~ 65% of the participants have an Open Peering Policy
- focussed on CEE regional peering

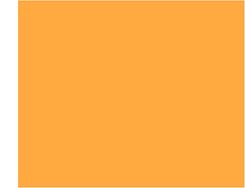


Staff Situation @ VIX (Dec 2013)

- VIX experienced some staff fluctuation this year:
 - Monika Schneider (currently nurturing new staff ;-)
 - Welcome: Harald Tschikof (replacing her)
 - Martin Fischer (decided to do more interesting stuff)
 - ... replacement pending (-> **job offer**: tools development)
 - Welcome: Romana Cravos (project management)
- some “side jobs” since autumn 2013:
 - Harald Michl: board member of Euro-IX.net
 - Christian Panigl: board member of ISPA.at

euro-IX

ispa
Internet Service Providers Austria



Upgrade/Migration completed since October 2013

- **Core: 2 x Brocade MLXe-32**
- 6 Tbit chassis capacity
- optimised for 10Gbit Ports
- VPLS
- Planned from Spring 2014:
 - Partner Program
 - Carrier/Reseller Ports
 - Private Peering VLANs
- Other services on demand

BROCADE 



euromicron
austria GmbH

euromicron Gruppe



Events and Workshops 2014

- Save the date:
 - next **VIX workshop** (afternoon) + **Meet & Greet** (evening)
 - **Tue, 28. Jan. 2014 @ Interxion Austria**
 - preliminary topics:
 - Interxion Datacenter News
 - Brocade MLXe hardware platform details
 - XConnect.net: NGN/VoIP Interconnect Federation Service Model
 - new Services @ VIX
 - partner/carrier program
 - discussion of ideas and feedback
 - ... **other topics and input welcome!**



Events and Workshops 2014

- Save the date:
 - **CEE Peering Day 2014** (<http://www.peeringday.eu/>)
 - **Mon/Tue, 3./4. March 2014** in Vienna
 - again jointly hosted by NIX.CZ and VIX.at
 - 200-250 participants expected
 - **Partners & Sponsors welcome**
 - talk to us if you are interested!



Comments ?
Questions ?
Suggestions ?

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