

www.VIX.at

The Vienna Internet eXchange

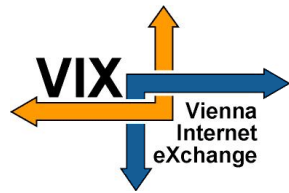
CEE Peering Days 2019

Zagreb, 12. + 13. March 2019

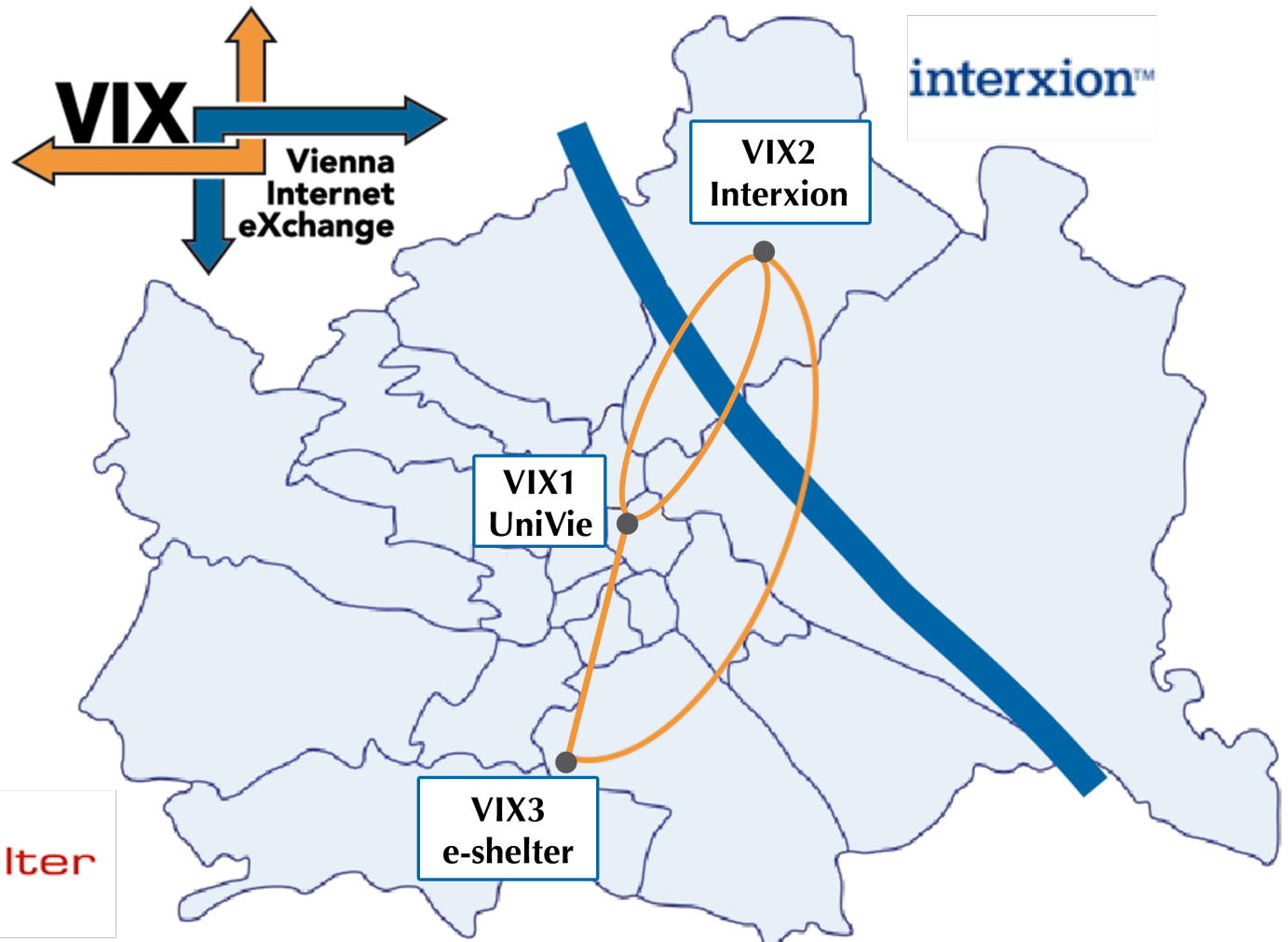
Harald Michl

Inquiries: [<admin@vix.at>](mailto:admin@vix.at)

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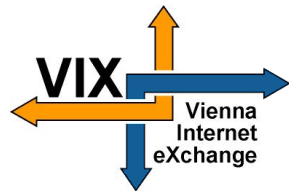


VIX1 established 1996 – VIX2 since 2001 – VIX3 since 2015



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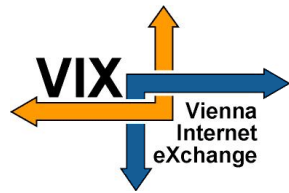




Current Status VIX (March 2019)

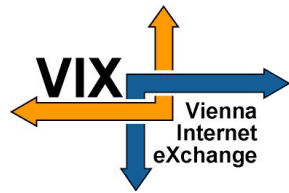
For 23 Years now !

- VIX switching infrastructure **operated by the Vienna University Computer Center / AConet - Team since 1996**
- 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 99.999%
- **145 active participants** (AS numbers)
 - on **212 ports** (IPv6 on 152 of them)
 - 179 participant ports @10GbEth (what a nice number!)
 - 18 participant ports @100GbEth
- traffic summary peaks ~ 700Gbps (~ 40% traffic growth over last 12 months)
- but still < 2% IPv6
- inter-site capacity 400 Gbps / typical inter-site traffic < 50 Gbps



Versatile Peering Environment

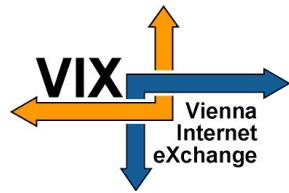
- > 50% (increasing) of VIX participants from outside Austria
 - Carriers, ISPs, CDNs, Content/Hosters, Cloud Providers ...
- well accepted **Route Servers** with convenient Admin Web-GUI
- ~ 65% of the participants have an **Open Peering Policy**
- focussed on Austrian and CEE regional peering market
- **VIX Partner & Reseller Program available**



Standard port options

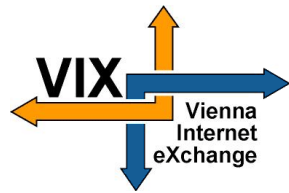
The Vienna Internet eXchange offers the following

- **Standard port types (available at all three locations):**
 - **2.5 Gbit/s** (subrate on physical 10GBase-LR)
 - **10 Gbit/s** (10GBase-LR)
 - **100 Gbit/s** (100GBase-LR4)
- Other port types on request subject to availability
- See https://www.vix.at/vix_costs.html for details
- Lower port speeds available through VIX Resellers ...



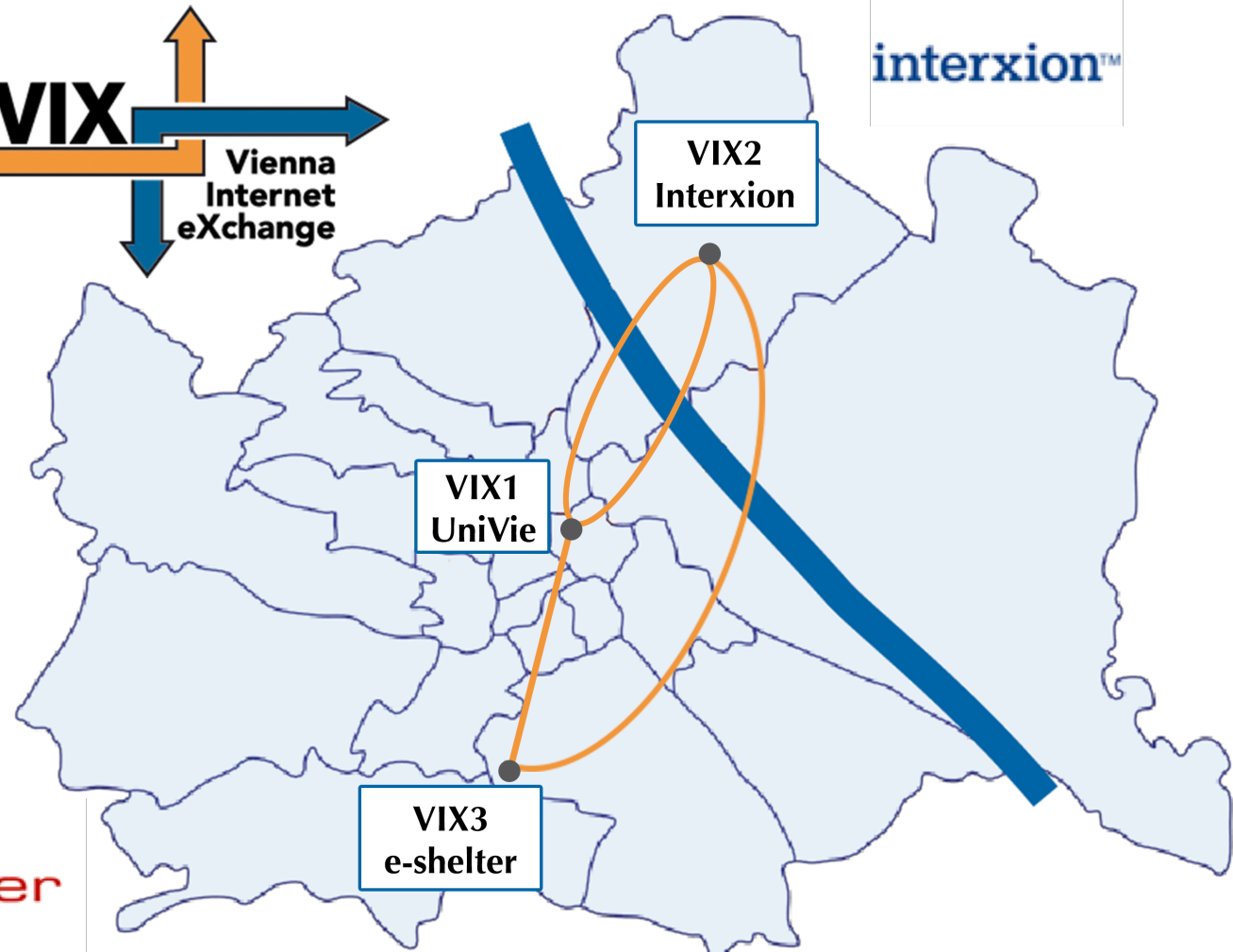
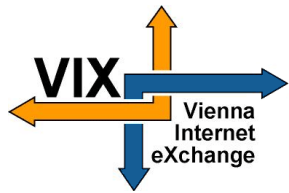
VIX Partner & Reseller Program

- **VIX Reseller contract** available
 - from <admin@vix.at>
- Simple pricing model
- Initial focus on local / regional aggregators
 - for cost-efficient aggregation of national “lower-speed” connections
- Meanwhile also international resellers
 - for simplifying remote connections



Actual VIX Resellers (in alphabetic order)

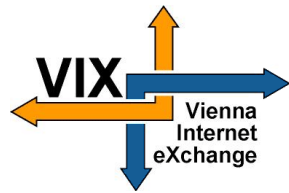
- **anexia-it.com**
- **Cloudnow.at**
- **Core-Backbone.com**
- **Enter.it**
- **GTT.net**
- **Kapper.net**
- **LinzNet.at**
- **NetIX.net**
- **nextlayer.at**
- **OJA.at**
- **RETN.net**



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