



## Technical Facts

**VIX uses identical state-of-the-art technology at all three locations:**

- high-performance Arista 7280 series switches, interconnected via path-redundant fiber optic links
- redundant power supplies
- redundant power feeds with UPS and generator supply
- shared medium: Ethernet (10, 100, and 400 Gbps)
- support for link aggregation
- port security mechanisms
- remote connections | reseller program
- participants may connect to one, two, or all three VIX locations at up to 400 Gbps per port
- redundant set of route servers (for IPv4 and IPv6), conveniently configurable via web interface

## Contact Information



Vienna Internet exchange

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Vienna Internet exchange



### VIX1 – University of Vienna

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### VIX3 – NTT Global Data Centers EMEA AT GmbH

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**vix.at**



The **Vienna Internet eXchange (VIX)** was established in 1996 at the University of Vienna as a neutral peering service for Austrian Internet Providers. It evolved into a **resilient, multi-site, high-performance Internet Exchange Point for the Central and Eastern European region** and is still operated by the University of Vienna's Zentraler Informatikdienst (ZID).

## Reseller Program

The VIX Reseller Program allows contractual partners to offer remote peering port connections to the VIX core infrastructure in Vienna, Austria.

### Benefits:

- One-stop shop – the reseller provides IP transport, VIX peering and customer service.
- The remote peering port is delivered directly to the participant.
- Resellers also offer lower port capacities (from 500 Mbps).



With about 180 participants connecting from more than 25 countries, VIX offers access to a large number of international peering partners. VIX connects a diverse mix of **Internet Service Providers, Research and Education Networks, Content Providers, Cloud Providers and Content Delivery Networks.**



As a founding member of the **European Internet Exchange Association (Euro-IX)**, VIX has always developed its policies and technologies according to European best current practices.

## Why choose VIX?

- neutral, cost-effective traffic exchange in the heart of Central Europe
- diverse international peering community
- reliable, sustainable and highly available high-performance infrastructure
- discount for dual-site connections
- convenient web portal with detailed peering traffic statistics and troubleshooting tools

## Triangle Topology

All three VIX locations in Vienna are interconnected via path-redundant fiber optic links, forming a resilient triangle topology.



1

2

3

VIX1 – UniVie

VIX2 – Digital Realty

VIX3 – NTT

