



Vienna Internet eXchange

vix.at



Vienna Internet eXchange

News @ VIX.at

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Who am I?



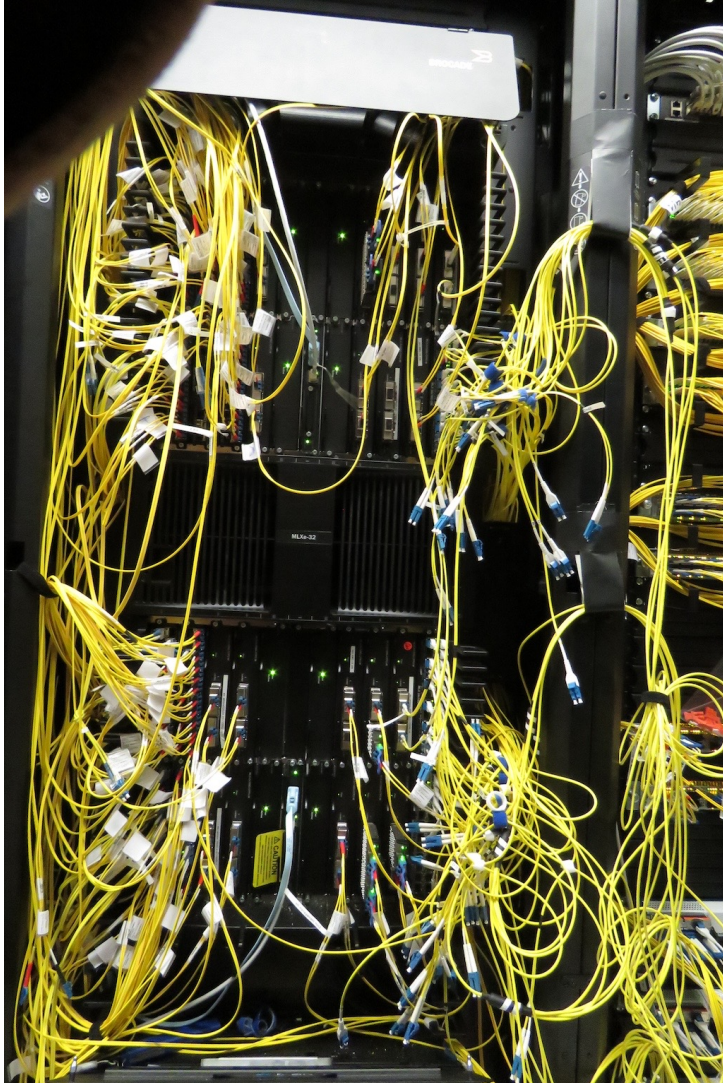


VIX in numbers...

- Founded in 1996 and run by Vienna University Computer Center
- 3 sites
 - University (Neues Institutsgebäude)
 - Digital Realty – since 2001
 - NTT – since 2015
- Treat everybody equal – same contracts for all
- Public pricing –
<https://www.vix.at/en/participants-partners/how-to-join-vix/costs>
- Traffic peak ~1.5 Tbps / 175 connected AS
- All information at www.vix.at



News @ VIX - Plattformupgrade





Considerations – Chassis or “Pizza-Box”?

- So far (5 generations...) always chassis based systems
- Keep that or go to 1 HE switches?
- Advantages of pizza-boxes
 - Flexible in terms of interface technology
 - Much easier migration
 - Less risk in terms of (new) software

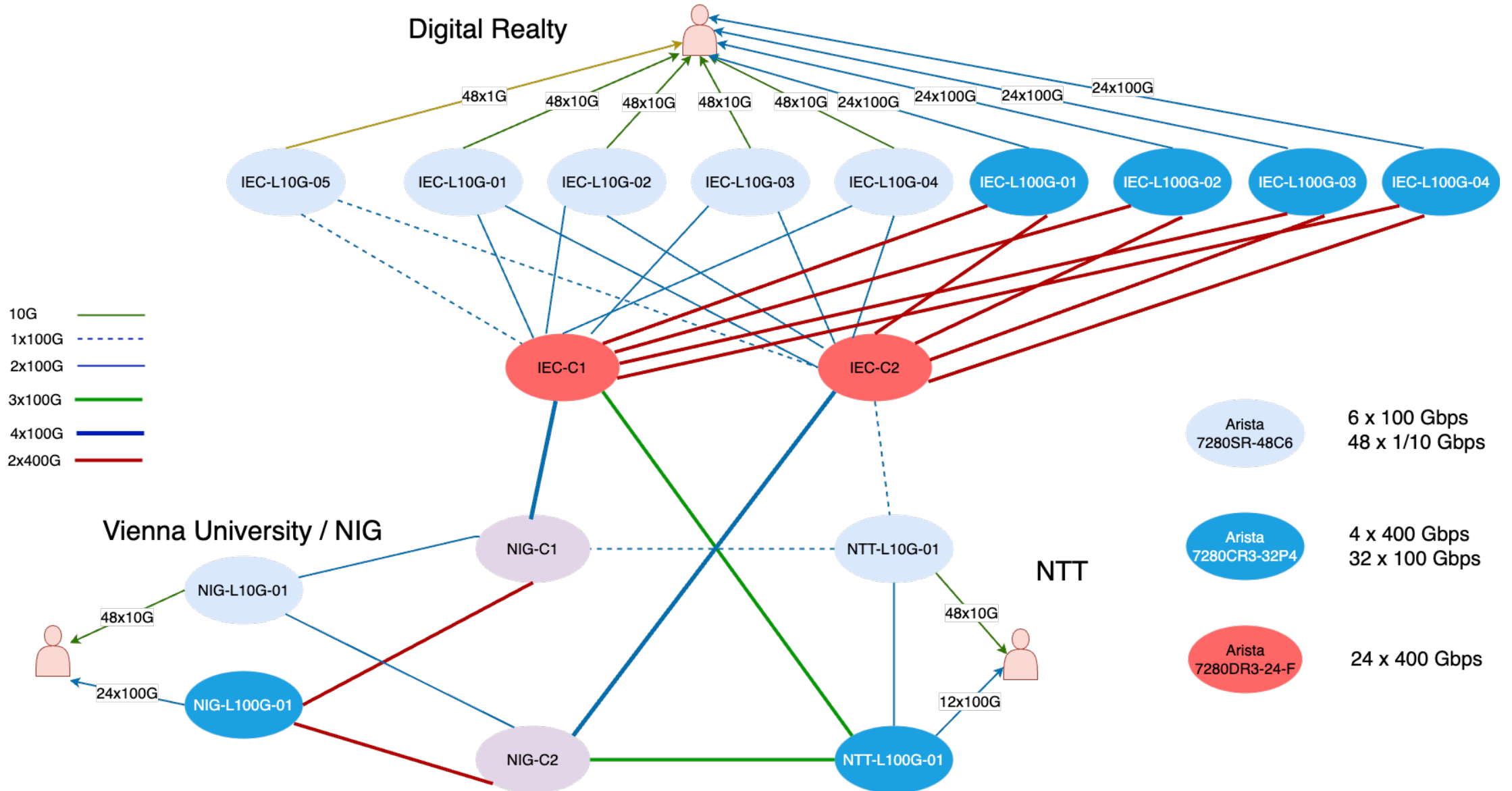


Actual platform

- Arista 7280 switches – 3 different flavours
- Infinera Groove G30 Metro WDM system
- Grow as you need
 - leave-switches for customers
 - Inter-site link-capacity
 - New interface speeds (Customers & Core)



Current topology



VIX and NIS(1)

- First “contact” 2014
 - Something is about to come and IXPs will be affected
 - Started to investigate possible impact
- VIX was noticed to be identified as OES in Feb 2020
 - Several obligations
 - 3 years time to send a (positive :-) audit report
- Timetable set → let’s go
 - Update / create documentation
 - Set date for partial audits
 - Send final report in time

DONE 😊
DONE — really?
NIS2....



Happy 30th anniversary



Working For The Good Of The Internet



Vienna Internet eXchange

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> Thank you!

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