



N D I X
Nederlands-Duitse
-and-
Niederlandisch-Deutsche
Internet Exchange

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What is new?

- ▣ We have been very, very busy
- ▣ 200 members at the end of year (RIPE-52: 63 !)
- ▣ Across 45 Closed User Groups
- ▣ NDIX now open in:
 - ▣ Zwolle
 - ▣ Doetinchem
 - ▣ Hardenberg
- ▣ NDIX closed in:
 - ▣ Dusseldorf

Progress in Germany

- About 25 German members
- New sites to open in Steinfurt, Emsdetten
- Sites planned: Nordhorn, Gronau

Progress in Netherlands

- Opening this year in Ede, Den Bosch, Heerlen
- A bit further on: Nijmegen

So what's the big picture ?

Currently:

- Footprint of about 160km diameter
- ~500km of dark fiber
- 9 locations, 10 switches
- At the end of (maybe beyond) initial design criteria

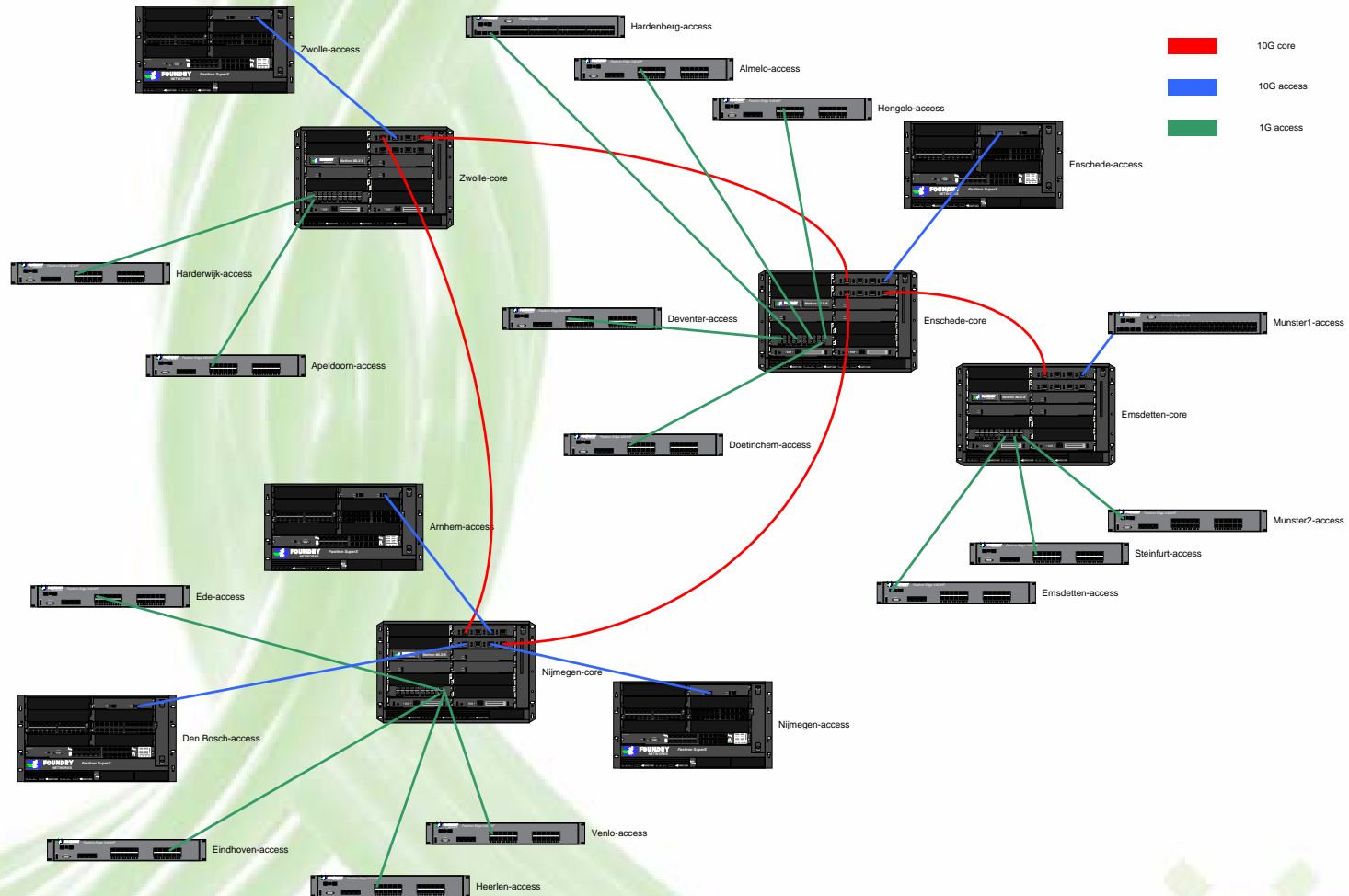
So what's the big picture ?

- ▣ New design:
 - ▣ 20 initial locations, 24 switches
 - ▣ Should scale to ~50 locations, 70 switches
 - ▣ Two-tiered infrastructure

So what's the big picture ?

- New core network
 - 10Gbps rings
 - CWDM to optimize fiber usage
 - Based on Mac-in-MAC
 - VPLS a backup strategy
 - 4 core nodes initially

The big picture (with small letters)



Questions ?

☐ Thanks for your time !