

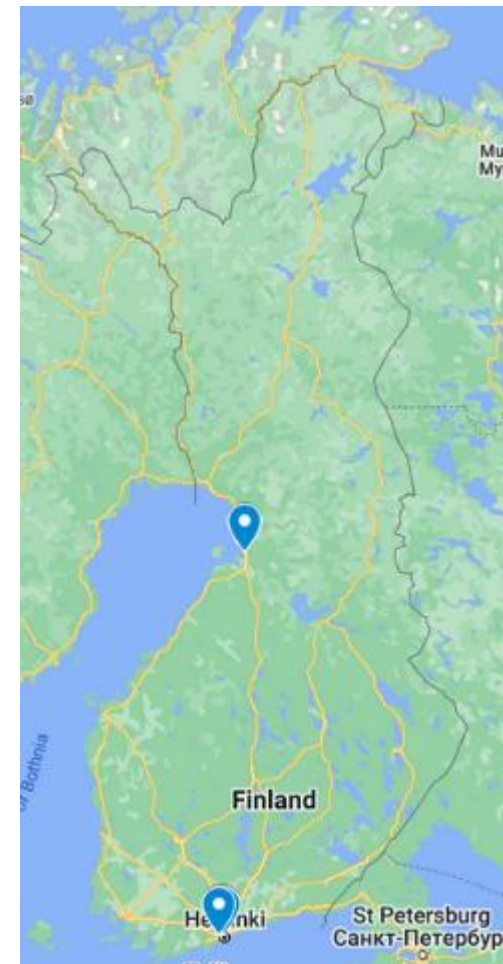
FICIX Update

Latest news about FICIX

Antti Siivonen & William Linden

**NOG.fi meeting 2025.11
5th of November 2025**

- The leading Internet Exchange in Finland
- Founded 1993
- a non-profit organization
- 5 sites (3 different IXPs)
 - FICIX1 – Otaniemi, Espoo
 - FICIX1 – Pitäjänmäki, Helsinki
 - FICIX2 – Pasila, Helsinki
 - FICIX2 – Sinimäki, Espoo
 - FICIX3 - Oulu
- 64 customers (61 customers 2024)
- 492 Gbit/s traffic record (429 Gbit/s 2024)
- 2nd largest IX in the Nordics in terms of traffic volume
- I,J,K root servers + .fi ccTLD root



Port price list from 1 January 2026

- 10G 250 €/month
- 100G LR1 300 €/month
- 100G 350 €/month (other optics)
- Additional 100G port on the same switch +80 €/month
- **400G 800 €/month**
- Virtual 20 €/month

IX-platform upgrade

- Lifecycle of old HW coming to an end
 - 400G Ports
 - Cost effectiveness to still keep port-prices very low
- > RFQ for hardware and service-operations

- Selected service-operator: 
- Selected HW:  7220 DCF/SRLinux portfolio



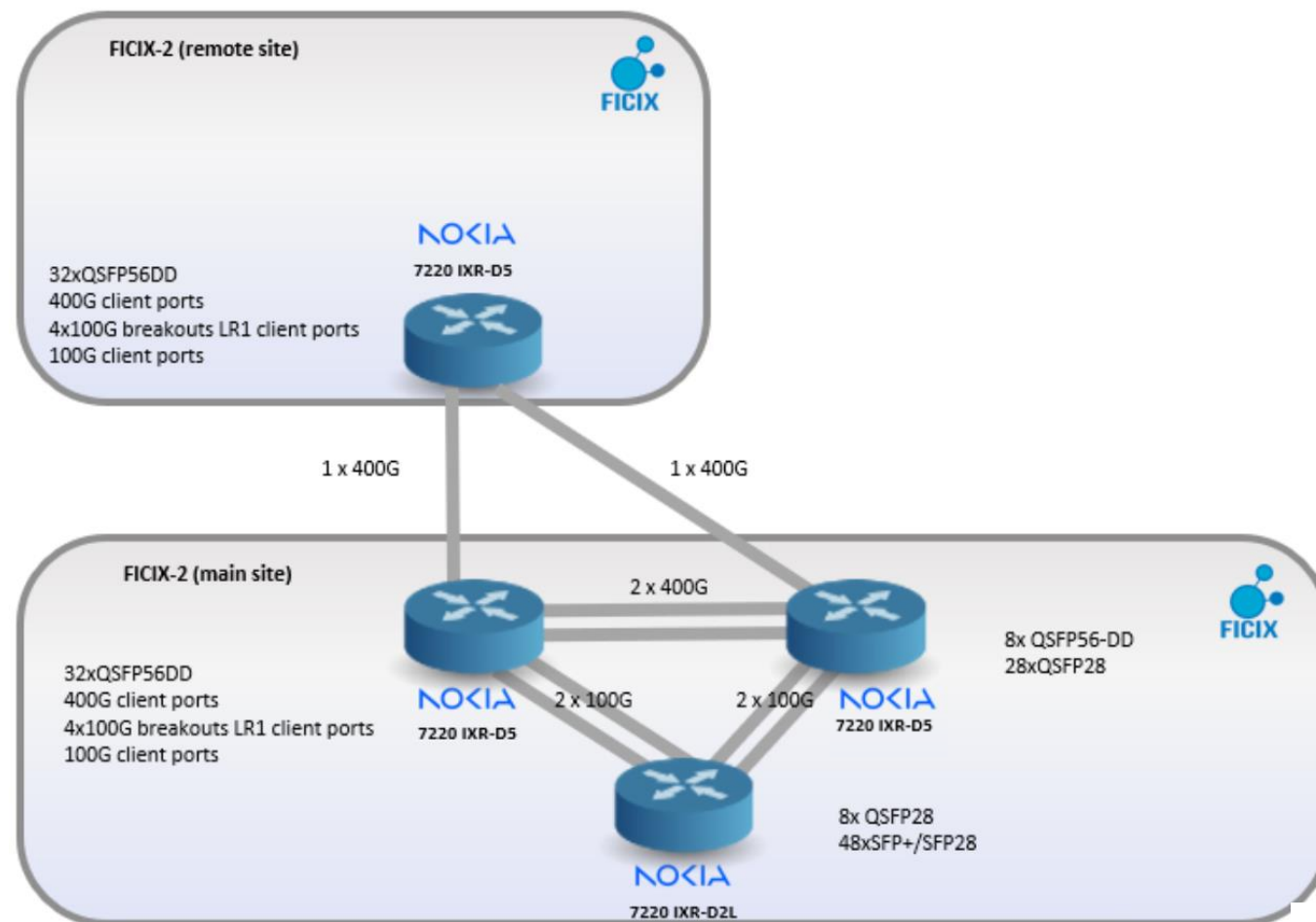
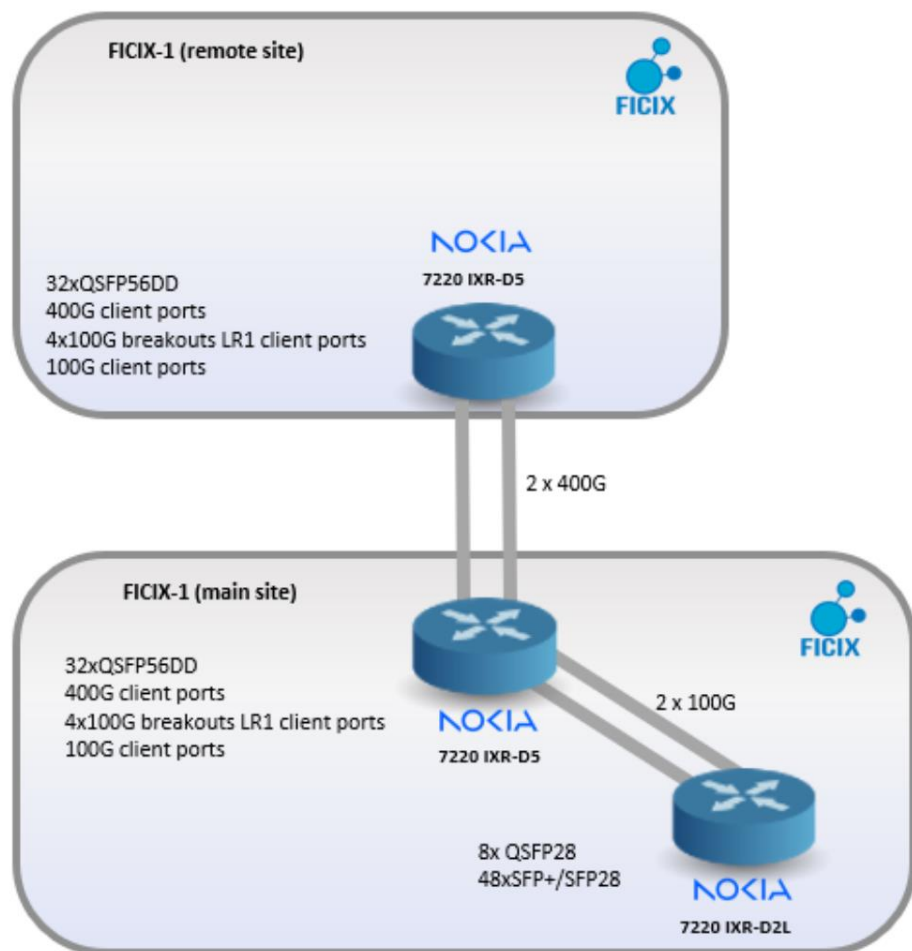
7220 IXR-D5 32QSFPDD 2SFP+



7220 IXR-D2L 48SFP28 8QSFP28 2SFP+

- Successful migration during September/2025
 - FICIX-1 2025-09-22
 - FICIX-2 2025-09-29

FICIX platform update



- Services spanning multiple nodes -> no SPOF
 - Based on EVPN-VXLAN
 - Link redundancy and load-balancing
- mac-vrf per service
 - sandbox-vrf for new customers
- mac-learning disabled -> static mac + discard unknown

Going forward

- Simple adding of more nodes
- IP-filters for dropping tcp/179 during maintenance
- Streaming telemetry for detailed and real-time statistics
- BFD between peers? (more relevant as multiple nodes)

Thank you!

contact (at) ficix.fi
www.ficix.fi

Member of
euro-IX
European Internet Exchange Association

Best place to peer!
FICIX 