



SwissIX Internet Exchange

# 25 Years of SwissIX

## A Quarter Century of Peering in Switzerland



April 28th, 2026

Gurten, Bern

**swissix**  
SWISS INTERNET EXCHANGE

# Why SwissIX matters today

## 1. SwissIX is relevant Internet Infrastructure in Switzerland

- exchanging **>1 TBps of Traffic** during peak hours
- connecting **>240 peers at 8 PoPs** in Switzerland
- SwissIX Ports available at **many more sites through Resellers**

## 2. Keep local traffic local → better performance and resiliency

## 3. Peering is «invisible» ...until it breaks!



# SwissIX and SwiNOG



Two independent associations with the same goal

**Dedicated to a neutral, performant and reliable Internet in Switzerland.**

## **SwiNOG #41**

- 180 Participants 🙌
- **86 Participants of SwiNOG #41 are peering at SwissIX!**



# The Internet never forgets...

The logo for swissix.net features the text 'swissix.net' in a lowercase, sans-serif font. The 'i' and 'x' have red dots above them. A black line starts from the left, goes up, then right, then down, then left, ending in an arrowhead pointing left. Another black line starts from the 'x', goes up, then right, then down, then right, ending in an arrowhead pointing right.

## Swiss Internet Exchange Association

<http://www.swissix.net/>

Wouter van Hulten

<mailto:woutervh@interxion.com>

InterXion

The logo for swissix features the word 'swissix' in a bold, lowercase, sans-serif font. A red diagonal slash is positioned over the 'i' and 'x'. Below 'swissix', the words 'SWISS INTERNET EXCHANGE' are written in a smaller, uppercase, sans-serif font.

# SwiNOG #1: October 18th, 2000

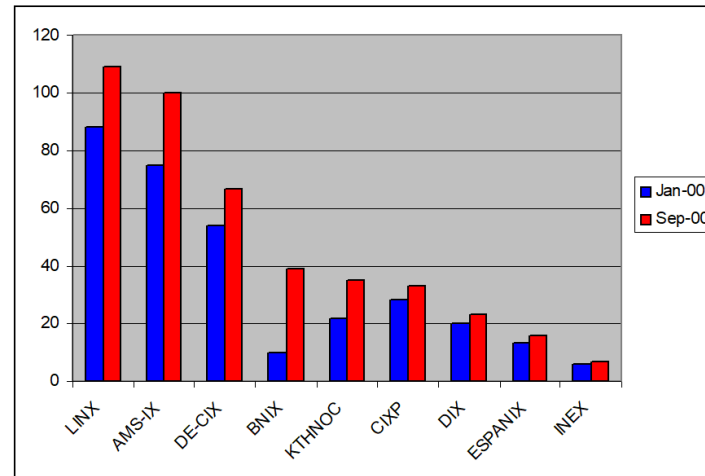
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## Current Situation Internet in Switzerland

- Swisscom
  - Around 45% of all traffic through incumbent backbone
- CIXP (CERN)
  - 34 members today
  - Cisco, Extreme Summit
  - Expansion to Telehouse (Geneva)
- TIX (IX-Europe)
  - 40+ members?
  - Foundry BigIron switch
  - Expansion to new facilities
- No Internet Exchange Association

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## Membership of European Internet Exchanges



Source: exchange websites, Jan-00 & Sept-00, InterXion analysis

swissix.net

## What are the Next Steps?

- Do you want an Association?
- Invitation: join the founding of SwissIX Association !
- Founding Meeting
  - Date: 14 November 2000
  - Location: to be announced
  - Time: 2pm
  - Contact: [swissix@interxion.com](mailto:swissix@interxion.com)

<http://www.swissix.net/>

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**The Spirit of 2000/2001**

## Vereinsversammlung vom 27. November 2002

### Bericht des Präsidenten

#### Viel versprechender Start

Am 9. März 2001 trafen sich auf Initiative der InterXion AG interessierte Kreise zur Gründungsversammlung des Vereins SwissIX Internet Exchange. An dieser ersten Versammlung nahmen 27 Personen teil. Nach engagierter und teilweise kontrovers geführter Debatte fanden sich 10 Unternehmen als Gründungsmitglieder. Auch stellten sich 9 Personen für den Vorstand zur Verfügung. Dies kann sicher als Zeichen für ein beabsichtigtes Engagement bewertet werden. Im Nachhinein denke ich jedoch, dass der Vorstand zu gross war und dadurch die nötige Flexibilität und Tatkraft nicht gegeben war.

Der Aufbau des Vereins ging, trotz ein paar Administrativen Hürden, zügig voran:

Im Herbst 2001 wurde ein erstklassiger Exchange, bereitgestellt durch InterXion und konfiguriert durch Matthias Cramer, in Betrieb genommen und wir waren bereit für jede Menge Peerings!

Auf der administrativen Seite wurde der Verein, nach einer Art „zweiten Gründungsversammlung“ schliesslich am 5.10.2001 ins Handelsregister eingetragen. Es fanden diverse Besprechungen im Bereich Marketing statt. Durch ein paar Kommunikationsmassnahmen wurde eine erfreuliche Resonanz in der Fachpresse erreicht.

# Oops...



## Die Krise

Es ist bekannt, dass zur gleichen Zeit die Telekommunikations- und insbesondere die Internetindustrie in eine grosse Krise geriet. Bekannt als das Platzen der Internet Seifenblase. Viele Mitgliedsfirmen stellten sich zurück, was zu vielen Austritten führte. Auch der Präsident blieb davon nicht verschont. Lange Rede kurzer Sinn: Ab Ende 2001 waren keine Aktivitäten des Vereins mehr feststellbar und SwissIX lag gewissermassen im Koma.

## Ein Neubeginn

Im September 2002 war klar, dass etwas geschehen musste. Wir standen vor der Wahl, den Verein aufzulösen oder ihn neu zu strukturieren und weiterzuführen. Wir entschlossen uns für einen Neustart. Als treibende Kräfte seien hier Matthias Cramer von Dolphins Network Systems AG und Roger Lüssi von Interxion Schweiz AG hervorgehoben. Falls die Vereinsversammlung zustimmt, wird ein Vorstand von 3 Personen den Verein zu neuem Leben erwecken. Hauptaufgaben werden sein: finden neuer Mitglieder und Definition unserer Daseinsberechtigung. Ich bin überzeugt, dass dies möglich sein wird.

Oberrieden, 26. September 2002

Henry Salzmann

The Spirit of 2002....

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# SwiNOG #8: March 24th, 2004

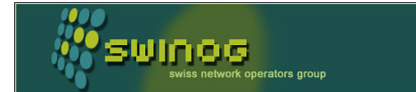
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... there was a sleeping  
beauty ...



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**Spring 2004:**

- 9 active members
- 11 FE ports
- 2 active sites  
(InterXion, IXEurope)  
interconnected with  
GigE

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# Fast Forward from 2004 to 2026

A lot of change...

- Volunteer board members came and went over the years
- New SwissIX PoPs were established
- Platforms were installed and dismantled

But as well continuous...

- **engagement of many, many hours from volunteers!** 🙌
- growth in number of Peers and from Mbps to Gbps to Tbps
- sticking to what matters: Peering!
- shift from board volunteer work to employees and contractors for operational tasks

# IXP Industry trends we see today...

- **Bandwidth growth at IXs tends to slow down**
- Big flows tend to go to **PNIs**
- Cross Connects **are a «hot topic»**
- Rising expectation of **FREE Ports at IXs**
- **IX's are (still) quite different**

# SwissIX and IXs operating in similar markets

IXPs with which we compare ourselves:

- **BCIX.de** Germany, Berlin Commercial Internet Exchange
- **BIX.hu** Hungary, Budapest Internet Exchange
- **LU-CIX.lu** Luxemburg Commercial Internet Exchange
- **NAMEX.it** Italy
- **VIX.at** Austria, Vienna Internet Exchange

Similar in terms of:

- **Peers and Traffic**
- **Market environment** (not «FLAP»)

# SwissIX Setup today

Highly efficient organizational Setup

- **5 experienced Board members** (still Volunteers!)
- **1 FTE Peering Development Manager** – backed up by mandate / contractor
- **Outsourced Operations and Provisioning** of the Platform

What is the benefit of this particular setup?

- **24x7 Monitoring & Support** with a «**local interface**»
- Strategy backed by **many years of experience** from the board members
- **Clean and defined Interfaces** towards Peers and as well towards Outsourcing Provider

→ **A lean and efficient organisation!**



SwissIX Internet Exchange

# SwissIX Update @SwiNOG #41

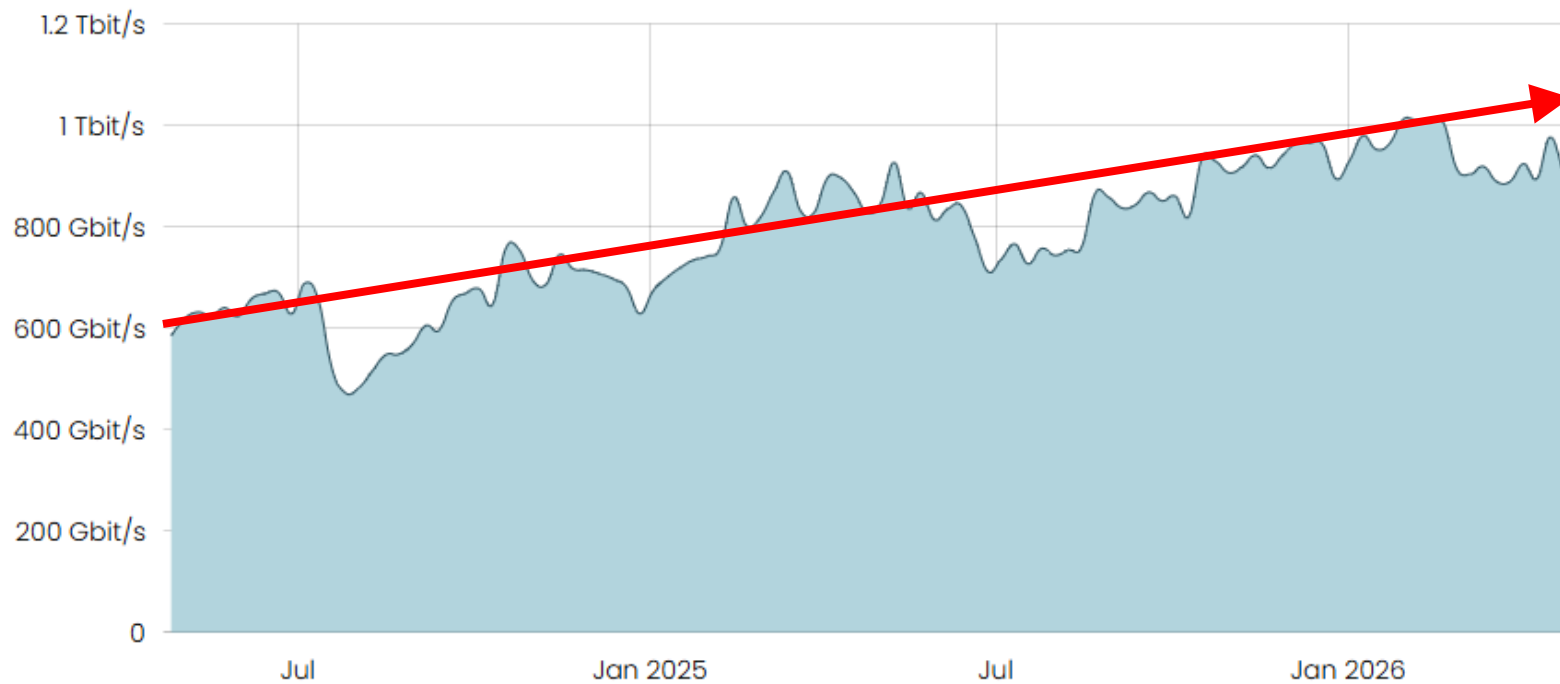
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# What happened at SwissIX since SwiNOG #40

1. We finally hit the TBps mark!  
→ SwissIX is **Member #77** in the «Terabit-Club»



ALL-TIME PEAK

**1.01** Tbit/s

GRAPH PEAK

**1.01** Tbit/s

GRAPH AVERAGE

**564.17** Gbit/s

CURRENT

**803.06** Gbit/s

# What happened at SwissIX since SwiNOG #40

## 2. **SwissIX (finally!) has a PoP in Geneva!**

→ currently «aggregation Switch», full PoP as soon as we have a few peers connected

## 3. **we upgraded our Backbone to 400 GBps**

→ more backbone capacity

→ a step to eliminate «Groove» platform soon (end-of-life)

## 4. **400 GBps Ports are now available at Colozeri, Digital Realty and Equinix – effective immediately!**

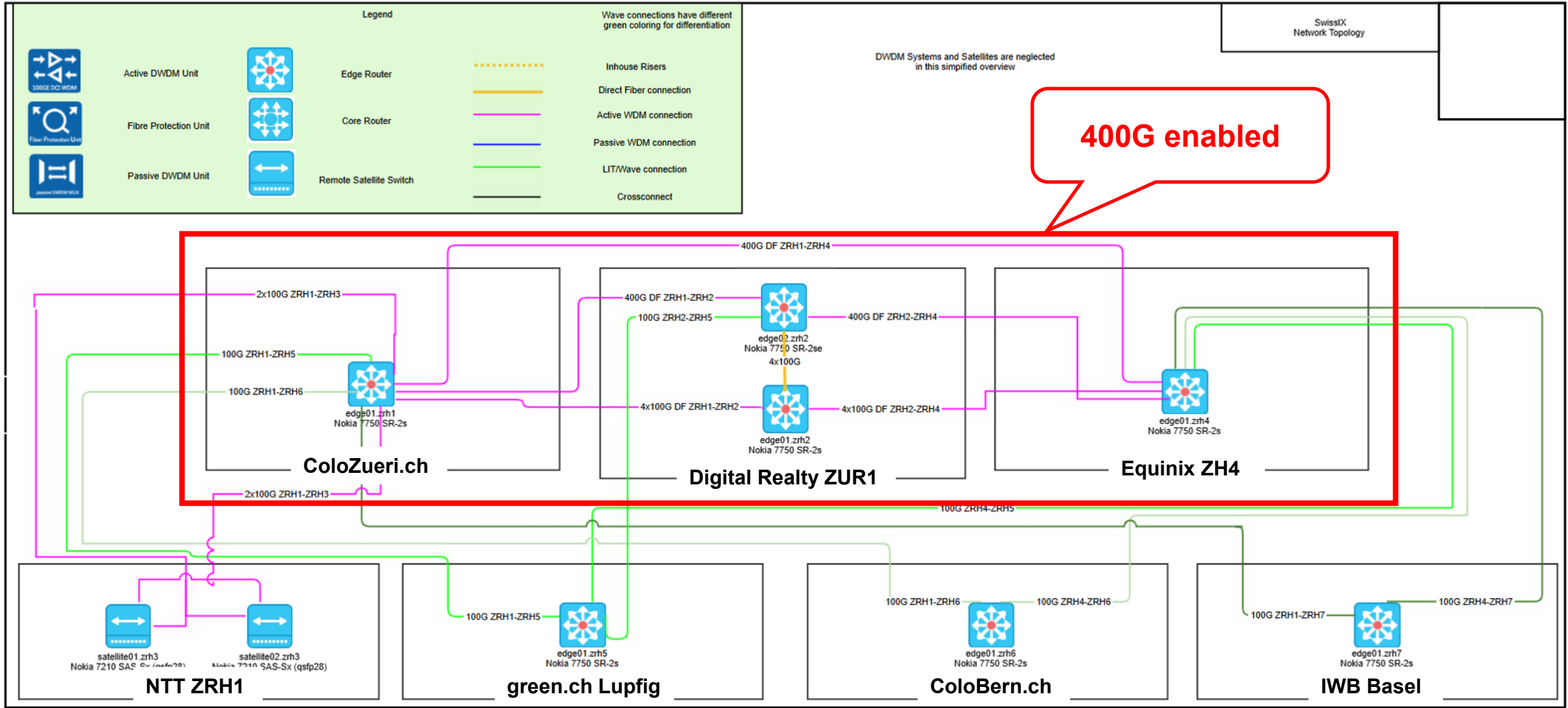
→ maintenance window last week – now operational

→ second maintenance window in June to «clean-up»

## 5. **Secured Space for expansion at Equinix ZH4**

→ we secured the neighbouring rack for future use

# SwissIX Network Topology (as of April 2026)



# SwissIX CERN, Geneva

What is available today at SwissIX CERN, Geneva:

- 1 / 10 / 100G Ports in all flavours (BiDi, 100G-LR)
- BGP & SCION Services

What is **not** available today at SwissIX CERN, Geneva:

- Reseller Ports








SwissIX CERN, Geneva will be upgraded to a Nokia 7750-2s based PoP in the same manner as ColoBern.ch, green.ch Lupfig, IWB Basel.

# What comes next from SwissIX...

**More peerings** through...

1. **more** Communication...
2. **more** Resellers...
3. **more** Community Events...
4. **Returning value** to the Community

# More communication...

23.03.2026		Cato Networks	upgraded to 2x10G ports
16.03.2026		M247 Global	upgraded to a 100G port
16.03.2026		ProGest SA	connected on a 10G port
16.03.2026		Wagner AG	upgraded to a 10G port
12.03.2026		Rocket Fibre	connected on a 10G port
16.01.2026		iFog GmbH	upgrading to a 10G port
16.01.2026		Kanton Zug	upgraded to a 100G port

Mailing List: [swissix@lists.swissix.ch](mailto:swissix@lists.swissix.ch)

# More Resellers...

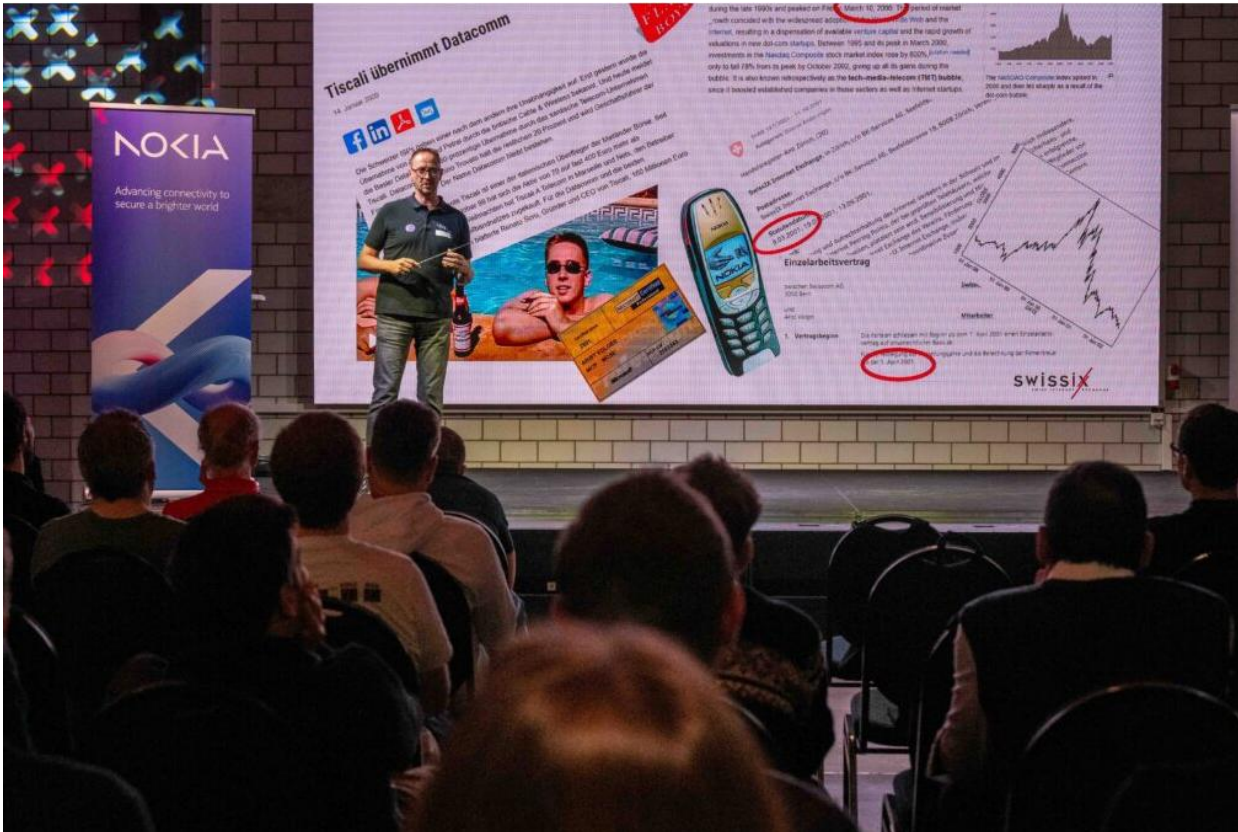


...and more to come



# More Community Events...

Route 26 – A SwissIX Peering Evening, ENTER Museum, Solothurn



## Typical Event Agenda

- Start ~16:00
- BGP / Peering topic 60-90'
- Sponsor presentation 30'
- Apéro & Networking 90'
- Guided Tour 60-90'
- End ~21:30

We aim for ~50 people

# Returning value to the community

- **SwissIX reconsiders pricing for 100G Ports**

- will be reflected on invoice for HY2 2026

- SwissIX is financially doing well, but keep in mind:

- SwissIX is still heavily depending on sponsoring

- Costs for infrastructure renewals rises with:

- more PoPs

- increasing number of Ports and Bandwidth (400G)

- **25 years of SwissIX Promotion**

- Upgrades FOR FREE for the remaining 2026

- No OTCs for new Ports >1G for new Peers

# What will not change...

## SwissIX is here for the Swiss Networking Community!

- SwissIX stays
  - neutral (Carrier, Datacenter, ...)
  - simple & approachable
  - driven by the community
- If you have inputs, eg.
  - ASN you would like to see at SwissIX
  - Product/Feature requests
  - **whatever – I am here to listen!**



Contact us  
[info@swissix.ch](mailto:info@swissix.ch)



# Last but not least...

## SwissIX General Assembly / Mitgliederversammlung



Date/Time: **Wed, June 10th, 2026, 14:30**

Location: **Digital Realty ZUR1, Glattbrugg (Event Center)**

# Key Takeaways

- **SwissIX is healthy and growing in its 25th year of existence**
- **SwiNOG, SwissIX and CHNUG are talking together** and streamlining their event activities in order to fulfill the needs of the community in the best way possible
- SwissIX is **well prepared for future growth** with 400G Ports, increased Backbone Capacity, new PoPs and new locations from Resellers!
- SwissIX is **committed to serve the community – please talk to us!**

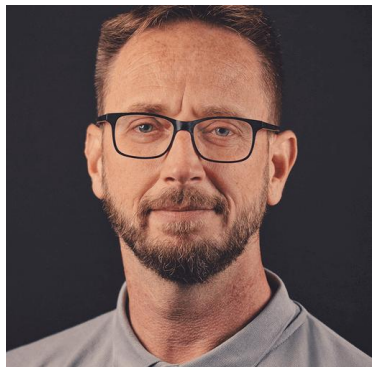
# THANKS TO OUR SPONSORS



AND ALL OUR PEERS !



# Questions?



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