



# 2025

## ANNUAL REPORT



# GNM Network at Scale



GNM operates a pan-European network platform with extended interconnection into Asia-Pacific via Singapore, delivering backbone transport, interconnection and peering services for traffic-intensive networks.

## How the platform is engineered

### Single network platform

Transport, interconnection and services run on one shared network and operational model

### Integrated IX and transport

Peering and backbone connectivity are engineered and operated as one system

### Backbone-first scaling

Capacity is expanded at the backbone and optical layers ahead of packet-layer growth

### Service-focused operations

Network design and processes prioritise reliability, fast provisioning and daily operation

### Built-in flexibility

The platform supports custom routing and non-standard setups without architectural compromises

### Engineering-led operations

Built by engineers who speak the same language as network engineers and enjoy working with how networks behave under real traffic and real conditions.

## We provide

### Transport Infrastructure

- Wavelength (DWDM)
- Ethernet / L2VPN

### IP Connectivity

- IP Transit
- Dedicated Internet Access (DIA)

### Internet Exchange Services

- GNM-IX
- Remote IX

### Value-Added Services

- DDoS Protection
- Managed Network Services

# Highlights 2025



## Network scale

21,500+  
km

DWDM backbone  
(+20% expansion of the network footprint)

87  
Points of Presence

(+8 PoPs added in 2025)

20+  
countries

European footprint with strategic  
interconnection presence in Singapore

## Traffic & GNM-IX platform load

10.5+ Tbps

Peak traffic on the platform  
(up from ~8.7 Tbps in 2024)

+20%

Peak traffic growth

## Interconnection & ecosystem

700+

Connected ASNs  
across the platform



Peering Provider  
Verified Gold

Top-5

Internet Exchange platform in Euro-IX  
(by number of connected networks)

## Capacity & platform scale

Core upgrades  
executed  
in-place

to support 100G / 400G growth  
at platform scale

Optical-layer  
expansion  
prioritised over  
IP-layer  
saturation

maintaining capacity headroom  
under sustained growth

## Core network & platform maturity

+33%

Growth  
in deployed ports

+37%

Growth in 100G ports

+122%

Growth in 400G ports  
(fastest-growing  
capacity segment)

+12-13%

Growth in IPv4 /  
IPv6 prefixes  
(reflecting increased  
routing scale)

# Network Map

A single backbone platform for transport and interconnection, spanning Europe and Singapore.



## Backbone capacity expansion

Increased from 1.8 Tbps → 2.2 Tbps per direction (+23%)

## Optical layer optimisation

Amplifier reconfiguration across backbone

Higher stability at dense spectrum load

Improved per-lambda performance

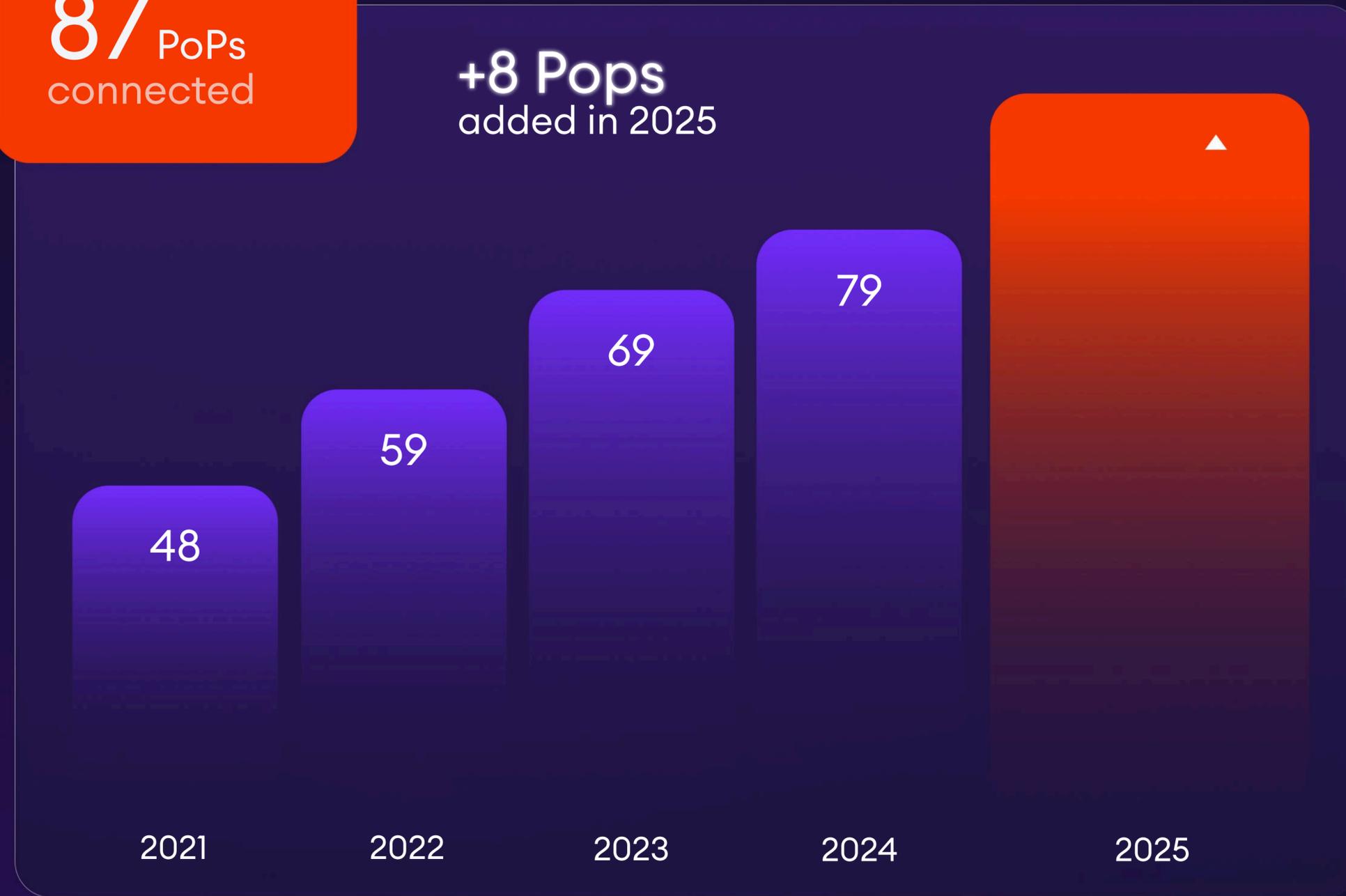


# Points of Presence

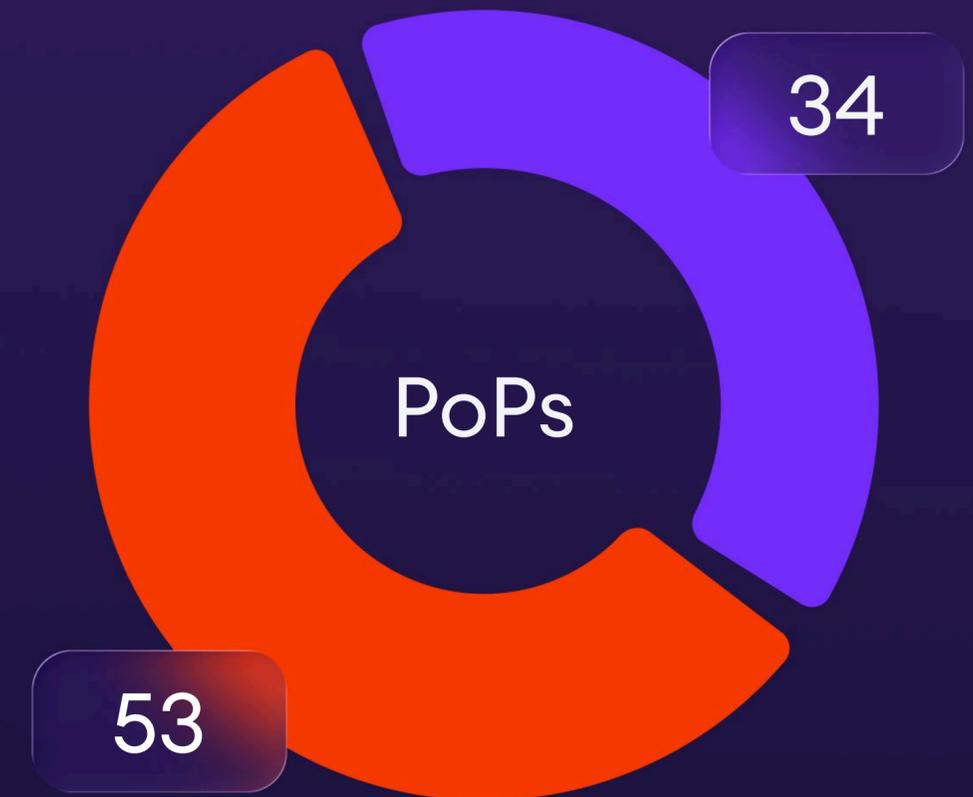


**87** PoPs  
connected

**+8 Pops**  
added in 2025



- GNM-operated PoPs
- Partner-integrated PoPs



# Points of Presence



Data centre



ROADM Node



## Austria

### Vienna

**DC** Louis-Häfliger-Gasse 10, Building 1, 1210 (Digital Realty VIE2)

## Bulgaria

### Sofia

**DC** Ovcho Pole st.122, 1303 (Telepoint Sofia Center)

## Czech Republic

### Prague

**DC** Nad Elektrárnou 1428/47, 101 00 (CE Colo DC7)

## Denmark

### Copenhagen

**RO** Hørskædden 3, 2630 (Taastrup)

## England

### London

**DC** Coriander Avenue 14, E14 2AA (Telehouse North)

## Finland

### Espoo

**DC** Tekniikantie 14, 02150 (Technopolis Innopoli 2)

### Helsinki

**DC** Kiviaidankatu 2H, 00210 (Nebula Oy Lauttasaari)  
**DC** Radiokatu 5, 00240 (Digita)

## France

### Marseille

**DC** Enceinte Portuaire, Porte 4, 13015 (Digital Realty MRS3)

### Paris

**DC** Boulevard Voltaire 137, 75011 (Telehouse Paris 2)

## Germany

### Berlin

**DC** Alboinstr. 36-42, 12103 (Speedbone)

### Frankfurt

**DC** Hanauer Landstraße 264, 60314 (InterXion FRA15)

**DC** Kleyerstrasse 90, 60326 (Equinix FR5)

### Hamburg

**RO** Kreuzweg 40 (Heist)

**DC** Wendenstraße 379, 20537 (GlobalConnect Hamburg 1)

### Husum

**RO** Rosendahler Weg 21A

### Munich

**RO** Robert-Bosch-Strasse 12, (EXA Edge DC Garching)

### Stuttgart

**RO** Industriestraße 15, (EXA Edge DC Stuttgart)

## Hungary

### Budapest

**DC** Asztalos Sandor utca 13, 1087 (Dataplex)

## Netherlands

### Amsterdam

**DC** Duivendrechtsekade 80A, 1096 AH (Equinix AM6)

**DC** Kuiperbergweg 13, 1101 AE (Equinix AM7)

**DC** Lemelerbergweg 28, 1101 AH (Equinix AM11)

**DC** Luttenbergweg 4, 1101 EC (Equinix AM1)

**DC** Luttenbergweg 4, 1101 EC (Equinix AM2)

**DC** Schepenberweg 42, 1105 AT (Equinix AM5)

**DC** Science Park 105, 1098 XG (Nikhef)

**DC** Science Park 120, 1098 XG (Digital Realty AMS17)

**DC** Science Park 121, 1098 XG (Digital Realty AMS9)

**DC** Science Park 610, 1098 XH (Equinix AM3)

**DC** Science Park 610, 1098 XH (Equinix AM4)

## Norway

### Oslo

**DC** Hans Møller Gasmanns vei 9, 0598 (Bulk OS-IX)

## Poland

### Warsaw

**DC** al. Jerozolimskie 65/79, 00-697 (Equinix WA1)

**DC** al. Jerozolimskie 65/79, 00-697 (LIM DC)

### Katowice

**DC** Koszarowa 6, 40-069 (4DC)

## Romania

### Bucharest

**DC** Dimitrie Pompeiu Boulevard 8, Feper Building, 020337 (NXDATA-1)

## Serbia

### Belgrade

**DC** Omladinskih brigada 90, 11070 (CETIN)

## Singapore

### Singapore

**DC** New Industrial Road 29, 536213 (LWS-SIN10)

**DC** New Tech Park, Lorong Chuan 151, #06-02, Lobby A, 556741 (Epsilon)

**DC** New Tech Park, Lorong Chuan 151, #06-02, Lobby E, 556741 (Epsilon)

**DC** 31 Kaki Bukit Road 3, #06-07 Techlink, 417818 (LWS-SIN9)

**DC** Tai Seng Avenue 2, 534408 (GlobalSwitch)

**DC** Ayer Rajah Crescent 20, #05-05/08, 139964 (Equinix SG1)

## Slovakia

### Bratislava

**DC** Kopčianska 20/c, 85101 (Sitel)

## Sweden

### Stockholm

**DC** Esbogatan 11, 16494 (Digital Realty STO1-6)

**DC** Kvastvägen 25 (Equinix SK2)

**DC** Mariehällsvägen 36, 16865 (Equinix SK1)

## Switzerland

### Zurich

**DC** Josefstrasse 225, 8005 (Equinix ZH4)

## Ukraine

### Kyiv

**DC** Vatslava Havela bld. 4, 03124 (Omega Telecom)

**DC** Leontovicha str. 9, 01054 (TOPNET)

**DC** Simi Prakhovykh 50, 01033 (NewTelco)

### Odesa

**DC** Bazarna str. 106, 65000 (OD-IX)

### Kharkiv

**DC** Vaschenkovsky Lane 28-b, 61010 (Atracom)

**DC** Yevhena Kotliara st. 7 (Eurotranstelecom ETT)

### Lviv

**DC** Skliana 11A

# GNM-IX: Traffic & Ecosystem



## 686 ASNs connected

Including multi-service connectivity via a single port



## 10.51 Tbps Peak Traffic

Peak traffic on the GNM-IX platform in 2025



75%

Content Networks

25%

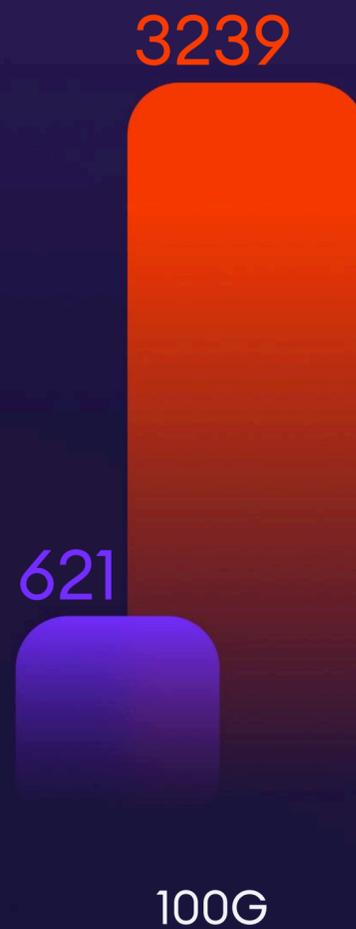
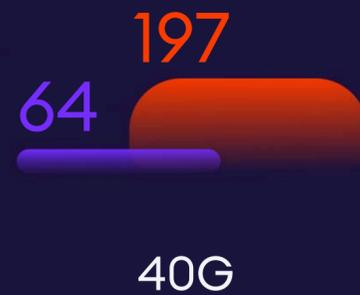
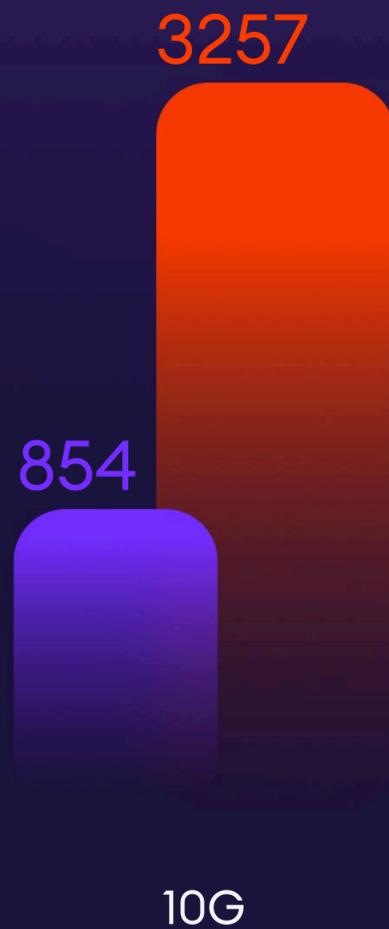
Network Operators

# Port capacity growth

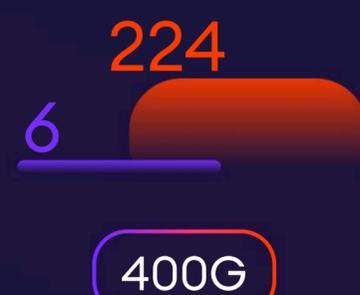


6917  
Total ports

1545  
Ports in use



Fastest-growing  
port speed



413,5 Tbps  
Total switching capacity

Routing prefixes

IPv6

61 975  
2024

69 862  
2025

# Strategic infrastructure outcomes



## Greater capacity headroom for hyperscale and CDN traffic

Backed by 413.5 Tbps total switching capacity and large-scale 100G port deployment.

## Accelerated deployment of 100G / 400G services

Driven by +37% growth in 100G and +122% growth in 400G ports.

## Higher backbone resilience through optical automation

Enabled by fully automated protection and revert across the DWDM backbone.

## Faster failover and service restoration timelines

Achieved through spectrum restructuring and lambda route optimisation, including 20% spectrum released for protected services.

## Expanded interconnection reach across Europe and Singapore

Supported by new PoP launches and backbone expansion across key European hubs and Singapore.

Together, these advancements create a more powerful and reliable interconnection platform - designed not just for scale, but for the people and networks that rely on it every day, and ready to support their continued growth into 2026.



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**X** [x.com/gnm\\_gnmix](https://x.com/gnm_gnmix)

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**@** [instagram.com/gnm.gnmix](https://www.instagram.com/gnm.gnmix)

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