



DRIVING THE INTERNET FROM BACKBONE TO PEERING

GNM-IX

WAVELENGTH

IP-TRANSIT

REMOTE-IX

VLAN

Scalable infrastructure. Strategic presence.



Our backbone network interconnects 90+ PoPs across Europe, North America and Asia — with full route redundancy, metro rings in key markets, and direct access to local peering via our own GNM-IX platform.

90+ PoPs In 21 countries

Tier-3 and
carrier-grade facilities

Fast provisioning

From 24h
in selected locations

GNM-IX

Peering powered by our own
Internet Exchange platform

DWDM

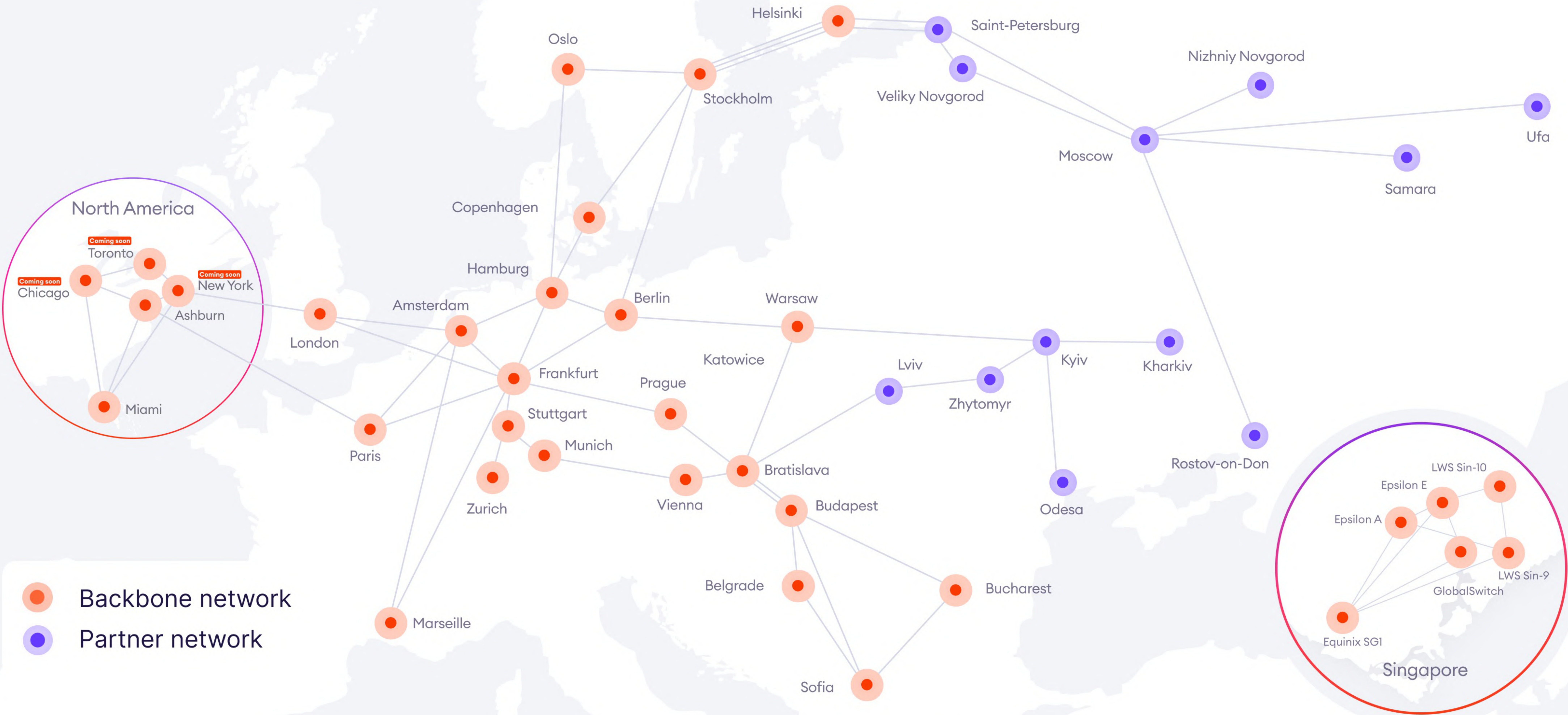
Rings across strategic metro and
long-haul routes

Built for scale

High-availability, and fast provisioning, GNM delivers infrastructure that scales with your traffic

Built for scale. Engineered for performance.

Our backbone infrastructure connects 90+ PoPs across Europe, North America and Asia





GNM-IX is a geographically distributed IXP built on GNM’s own backbone. It enables networks to peer locally or across regions — with unified control, predictable latency, and seamless scalability.

IXPDB

Top 5 IXPs Globally

Based on ASN count

10.95 Tbps

Peak load of network

90+ PoPs

In 21 countries



182 408

IPv4 Prefixes

72 496

IPv6 Prefixes

Wavelength



Layer 1 optical transport for scalable, transparent, and SLA-backed connectivity across Europe and beyond.

Key features:

Capacity & Interfaces

λ -channels: 100G / 400G
Port interfaces: 100GE, 400GE, OTU4

Performance

Ultra-low latency, SLA-backed availability

Resilience

Optical protection options
(1+1, 1:N, reroute)

Flexibility

Service types: Managed, Alien,
Spectrum Protocol agnostic
(IP/MPLS, Ethernet, etc.)

21 500+
km

Of proprietary DWDM
infrastructure

Ethernet / L2VPN (Capacity VLAN)



Secure, scalable, and transparent Layer 2 transport for enterprise, cloud, and carrier-grade connectivity.

Port options:

10Gbps

40Gbps

100Gbps

400Gbps

800Gbps

the maximum bandwidth per wavelength

Key features:

Point-to-point or multipoint
VLAN transport

Transparent to higher-layer
protocols (IP, MPLS, etc.)

Delivered over the same
optical backbone

VLAN tagging support

IP-TRANSIT



A direct path to the global Internet — engineered for reliability, speed, and routing freedom. GNM delivers IP transit with clean BGP sessions, stable upstreams, and fully owned infrastructure.

The technical specifications of IP-Transit:

SLA-backed performance
99.98% uptime, 24/7
NOC

Flexible port speeds –
10G / 40G / 100G / 400G

Peering across
major IXPs

Dual-stack
support
(IPv6)

Available at **90+**
GNM PoPs

Fast provisioning – starting
from **24 hours** (depending
on location)

Point-to-point or
multipoint VLAN
transport

Low-latency routes – <5 ms RTT to
key IXs across Europe

Direct upstreams from Tier-1 providers – no
resellers, no hidden dependencies

REMOTE-IX



Seamless Remote Peering across Europe, North America and Asia

Join multiple IXPs via a single port — each IXP delivered over a dedicated VLAN and individual BGP sessions, just like a direct connection. Fully managed over GNM's redundant DWDM backbone.

Advantages:

Cost savings

no CAPEX for international equipment or transport

Scalable connectivity

grow capacity as your traffic increases

Faster time to market

immediate access to Europe's top IXPs

Operational simplicity

one contract, one port, multiple exchanges

Key features:

Each IXP delivered over a **dedicated VLAN with separate BGP sessions**

Fully integrated into **GNM's redundant DWDM backbone**

Option to combine **Remote-IX, GNM-IX, and IP-Transit on one port**

SLA-backed service, proactive monitoring, fast provisioning

GNM – One Port – Multiple Services



GNM connects you to GNM-IX, IP-Transit, Remote-IX, and additional services **via a single physical port** while keeping each service logically separated.

Each service is delivered via a **dedicated VLAN**

Separate **BGP sessions per service** (for IX, IP-Transit, etc.)

LAG support for redundancy and increased capacity

Port speeds from 10G to 400G, scalable as needed

SLA-backed connectivity with proactive monitoring

Combine services with **flexible commit and burst options**

Points of Presence



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

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

Canada
Toronto COMING SOON
DC 151 Front Street (Digital Realty, YYZ12)

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 (LocalNet)
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 Lemelerbergaweg 28, 1101 AH (Equinix AM11)
DC Luttenbergweg 4, 1101 EC (Equinix AM1)
DC Luttenbergweg 4, 1101 EC (Equinix AM2)
DC Schepenbergweg 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, #02-05, 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)

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DC Kopčianska 20/c, 85101 (Sitel)

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Stockholm
DC Esbogatan 11, 16494 (Digital Realty STO1-6)
DC Kvastvägen 25 (Equinix SK2)
DC Mariehällsvägen 36, 16865 (Equinix SK1)

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Zurich
DC Josefstrasse 225, 8005 (Equinix ZH4)

Ukraine
Kyiv
DC Vatslava Havela bld. 4, 03124 (Omega Telecom)
DC Leontovicha str. 9, 01054 (Vega)
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

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Ashburn
DC Filigree Court 21715, 20147-6205 (Equinix DC1-DC15, DC21)

Chicago COMING SOON
DC 350 East Cermak (Digital Realty, ORD10)

Miami
DC 50 Northeast 9th street, 33132 (Equinix MI1 - Miami, NOTA)

New York COMING SOON
DC 60 Hudson St, 10013-3315 (Digital Realty NYC)

Over 700 networks worldwide trust GNM – such as:





LET'S BUILD
THE INTERNET TOGETHER

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