



NAMEX
ROMA INTERNET EXCHANGE POINT

Namex Report

[ENG]

Peering forward. Interconnection in geopolitical times — May 2026

«The internet and geopolitics are intertwined: peering evolves, expands the community, and becomes an infrastructure of resilience, autonomy, and continuity in an increasingly fragmented world.»

Maurizio Goretti Namex CEO

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Namex at a glance

Namex – Roma IXP is a neutral, non-profit Internet Exchange Point (IXP) where national and international Internet Service Providers (ISPs) and content providers interconnect.

Nap Roma was founded 31 years ago, in 1995, as a neutral access point within an academic institution (CASPUR, now CINECA). Born as the first real attempt to create an infrastructure that could optimize interconnection and reduce costs for Internet providers, it emerged in a world where the Internet was still a niche known to few enthusiasts and researchers.



In 2001, Nap Roma merged into the Namex consortium, which has grown steadily and significantly, now counting over 280 connected networks, and has become one of the leading IXPs in Italy and the Mediterranean.

With exchange points in Roma, Bari, and Napoli, and a partnership in Tirana, Namex is a crucial piece of Italy’s digital infrastructure, facilitating the exchange of Internet traffic among various content and access providers.



The Namex Team

Namex owns the Bari data center and acquired the historic Caesar data center in Roma, Via dei Tizii, in 2024. The other PoPs are hosted in partner data centers.

The Namex Consortium includes, alongside major national and international providers, dozens of local ISPs operating in Italy, particularly in the South. All members benefit from the neutral platform and interconnection services provided by Namex across its PoPs.

Recent developments in network topology further confirm Namex’s Mediterranean vocation. Thanks to new submarine cables connecting Central and Southern Italy to the Mediterranean basin, the consortium’s data centers serve as gateways to the rest of the world.



Infrastructures and responsibility: looking ahead

—— Renato Brunetti Namex President



Observing the Internet ecosystem from the vantage point of an Internet Exchange Point means inhabiting a physical and symbolic space where networks meet, but also where the opposing forces shaping the telecommunications world come to the fore, sometimes with tension.

The experience built at Namex over more than thirty years has given us a number of firm convictions that I would like to share as a lens through which to read the future of the Consortium and the industry.

The first concerns the very nature of our interconnection infrastructure. Namex is a non-profit consortium, founded on a governance model designed to withstand the risks of concentration. Each member, whether representing a local access network or a global

operator, participates in decisions with equal weight. This architecture is not neutral by accident; it is the result of a deliberate choice, one that is constantly tested by market dynamics.

Preserving this genuine parity is the only way to ensure that interconnection remains fertile ground for the development of all players, rather than an enclosure reserved for those with greater bargaining power. It is a safeguard whose value goes unnoticed when everything works, but whose absence would be felt immediately, to the detriment of widespread innovation.

«Namex is a non-profit consortium, founded on a governance model designed to withstand the risks of concentration.»

There is also a broader theme, one that extends beyond the boundaries of individual IXPs. We live immersed in a flow of data that

we perceive as instantaneous and intangible. Yet the entire edifice of the digital society rests on surprisingly concrete foundations: submarine cables that traverse the oceans, fiber-optic backbones that cross continents, and satellite constellations that are beginning to populate low Earth orbit. Without these physical networks, global connectivity simply would not exist. We must recognise that these infrastructures have become strategic assets of primary importance, comparable in systemic relevance to energy grids or transport corridors. Their robustness, their reach, and their redundancy are not optional; they are necessary conditions for the economic and social stability of the territories they serve.

This strategic nature understandably draws the attention of authorities, and it is only natural that the public sphere should consider how to ensure the security and resilience of such vital resources. The balance, however, is delicate. An excess of regulatory layering, however well intentioned, risks producing an unintended side effect: stiffening processes and slowing down precisely those developments that one seeks to protect.

The challenge, then, is not to call for an absence of rules, but to promote a form of regulatory intelligence capable of making distinctions. We need rules that accompany development, that correctly incentivise investment, and that are born from attentive listening to those who make networks work every day.

In this scenario, Europe stands at a particular crossroads. The continent is immersed in a global context in which very different network

governance models, such as the US model and those of countries like China and Russia, confront and sometimes oppose one another. In such a context, the European approach to the network, founded on openness, neutrality, and multilateral cooperation, can represent a credible and distinctive third way.

Within this framework, an IXP like Namex continues to carry out its role, which is as much technical as it is, in a sense, diplomatic. Our presence is progressively expanding into an area, the Balkans and the broader Mediterranean, that represents a natural crossroads of digital routes.

The contribution we have made to the birth of the Albanian IXP and the connections we are weaving towards other Balkan countries and towards the Southern Mediterranean are not commercial operations. They are the reflection of an idea: that an open and neutral interconnection platform, governed collectively, can become an exportable model for network development, generating value for all participants without the need for top-down control logics.

Our task remains to provide a stable, efficient, and transparent meeting point, making available to the community the resources to exchange traffic in the most direct and high-performance way possible. At a time when the digital routes crossing the Mediterranean are reshaping the geography of global networks, we will continue to do so with the same care as always, staying true to the consortium model that has proven, over time, to be an instrument of healthy and inclusive development.



«We need rules that accompany development, that correctly incentivise investment, and that are born from attentive listening to those who make networks work every day.»

The invisible balance

— Maurizio Goretti Namex CEO



In recent years, the Internet has ceased to be perceived as a mere technical infrastructure and has become one of the arenas where increasingly significant economic, industrial and geopolitical dynamics play out.

The rivalry between major powers, competition over emerging technologies, control over digital supply chains, and growing attention to data management are redefining the role of the network in the contemporary world. In this scenario, Europe finds itself in a complex position: on one side, the US model, strongly market oriented and dominated by large global players; on the other, the Chinese model, characterised by more direct and centralised control. Between these two poles, Europe is called upon to chart its own path.

Today, public and industry debate is dominated by topics such as cloud and artificial intelligence. This is only natural: that is where innovation, investment and competition are concentrated. However, there is a less visible but equally decisive dimension. The network, and the set of

infrastructures that comprise it, continue to represent a component of significant weight, because it is what enables services, applications and platforms to exist, scale and reach users. AI and cloud are at center stage, but it is the network that makes them possible.

In recent years, Europe has developed one of the most advanced regulatory frameworks in the world. The GDPR set global standards for data protection, while the debate on strategic autonomy and digital sovereignty has become a permanent fixture on the political agenda. At the same time, instruments such as the US Cloud Act have made it clear how legal control over data can extend beyond territorial borders. These elements clearly show that digital sovereignty is not an abstract concept, but a complex balance between law,



technology and infrastructure, in which the infrastructural dimension remains an enabling condition: without adequate network capacity, without widespread interconnection points, without a distributed ecosystem, even the best regulatory strategies risk falling short.

A growing share of global digital infrastructures, from submarine cables to large data centers to cloud platforms, is now designed, financed and managed by a few large players. This is not necessarily a problem in itself, but it introduces an element of concentration that deserves the utmost attention. Dependence manifests itself not only in the services we use, but also in the paths data follow, the points where traffic concentrates, and the architectural choices that determine efficiency and resilience. It is a dependence that is often invisible, but structural. In this context, interconnection takes on a meaning that goes beyond the technical aspect. Internet Exchange Points and, more broadly, peering infrastructures are places where traffic is distributed, optimised and kept as close as possible to users and territories.

Open and neutral interconnection improves overall network efficiency, reduces latency and transport costs, increases resilience

«The network remains a silent but essential element. It is not at the centre of the debate, but it is at the centre of how things work.»

and fosters the growth of local digital ecosystems. It is not a sufficient element to guarantee digital sovereignty, but it is one of its most concrete operational components.

It is precisely in this direction that ARGO Alliance is moving, the federated ecosystem born from the agreement between Namex and our colleagues at TOP-IX with the aim of pooling resources and expertise. Today, the alliance connects approximately 400 networks across 16 access points distributed between Turin, Milan, Rome, Naples and Bari, with Genoa and Tirana soon to come online, and operates under a unified administrative model that simplifies access to all services through a single point of contact. In addition to distributed interconnection and data center services, ARGO is experimenting with advanced technical solutions available to the members of both IXPs, such as Time as a Service. This is not a closed architecture, but a federated and distributed model, open to future partnerships with other organisations, which embodies the logic of cooperation and neutrality needed to strengthen the infrastructural autonomy of the Italian telecommunications industry.

The evolution of artificial intelligence is already producing tangible effects on the network. The increase in demand for computing capacity, the need to reduce latency, the geographic distribution of workloads, and the growing integration between cloud and edge computing are making network infrastructures increasingly important. This also has direct implications



for European industry. If Europe intends to play a role in the development and adoption of AI, it cannot limit itself to regulating its effects. It must also create the conditions for these technologies to be developed and deployed competitively. And these conditions inevitably pass through the network as well.

Building a balanced digital ecosystem is not the result of a single choice or a single actor. It is a process involving network operators, content providers, institutions, technical communities and the industrial world. In this context, models based on openness, neutrality and cooperation, such as those that have historically characterised Internet interconnection, continue to represent an important reference: not because they offer simple solutions, but because they favour

traffic distribution, plurality of actors and overall system resilience.

We have entered a phase in which technology and geopolitics are increasingly intertwined. Choices regarding cloud, AI, data and infrastructure are no longer independent; they are part of a single system, in which each component influences the others. In this scenario, the network remains a silent but essential element. It is not at the centre of the debate, but it is at the centre of how things work. And for this very reason, it deserves attention, investment and a long term vision. Because, in an increasingly digital world, the quality of the infrastructures on which the Internet is built will continue to determine, often invisibly, the freedom, security and competitiveness of our systems.



Peering in 2026

From technical infrastructure to a strategic asset

— Flavio Luciani Namex CTO



In recent years, the debate around the role of Internet Exchange Points (IXPs) has intensified, often accompanied by interpretations that question their centrality.

A superficial reading of certain indicators, such as slower capacity growth or the stabilization in the number of members at large hubs, has led some to hypothesize a gradual decline of public peering. In reality, a closer analysis clearly shows that we are not facing a contraction phase, but rather a profound transformation of the global interconnection model.

Internet traffic continues to grow steadily and consistently, but it does so following dynamics that differ from the past. In more mature markets, traditional quantitative indicators are no longer sufficient to fully capture the ongoing evolution: we observe greater traffic concentration, increased volume per participant, and a growing

selectivity in interconnection strategies. Even where slight declines in the number of connected networks or public capacity are recorded, these phenomena reflect increased efficiency and a reorganization of the ecosystem, rather than a loss of relevance for IXPs.

At the same time, network operators' strategies are becoming increasingly sophisticated. Large content providers and hyperscalers complement public peering with models such as Private Network Interconnects (PNIs), distributed caching within access networks, and architectures increasingly oriented toward the edge. This does not mean that public peering is being replaced; rather, it is part of a more complex

landscape in which different interconnection models coexist and integrate. In many cases, traffic carried over private interconnections exceeds that on public fabrics, but this evolution actually reinforces the role of IXPs as aggregation points and strategic hubs within the ecosystem.

Regional differences further contribute to a complex and multifaceted picture. In Europe, where ecosystems are mature and highly developed, we are seeing a phase of consolidation accompanied by increasing service sophistication. In other regions, such as Latin America and many parts of Africa, growth remains highly dynamic, driven by local demand for connectivity and infrastructure development. Asia presents heterogeneous models, often influenced by regulatory and cultural factors, while North America continues to show strong integration between data centers and private interconnections, alongside a gradual renewed interest in public peering. In all cases, it is clear that the success of an IXP depends on structural factors such as telecom market liberalization, the presence of local content, the size of the connected population, the development of the data

«In this context, the role of IXPs is being significantly redefined. From simple platforms for traffic exchange, they are evolving into strategic hubs for resilience, security, and digital sovereignty.»

center ecosystem, and national digital infrastructure policies.

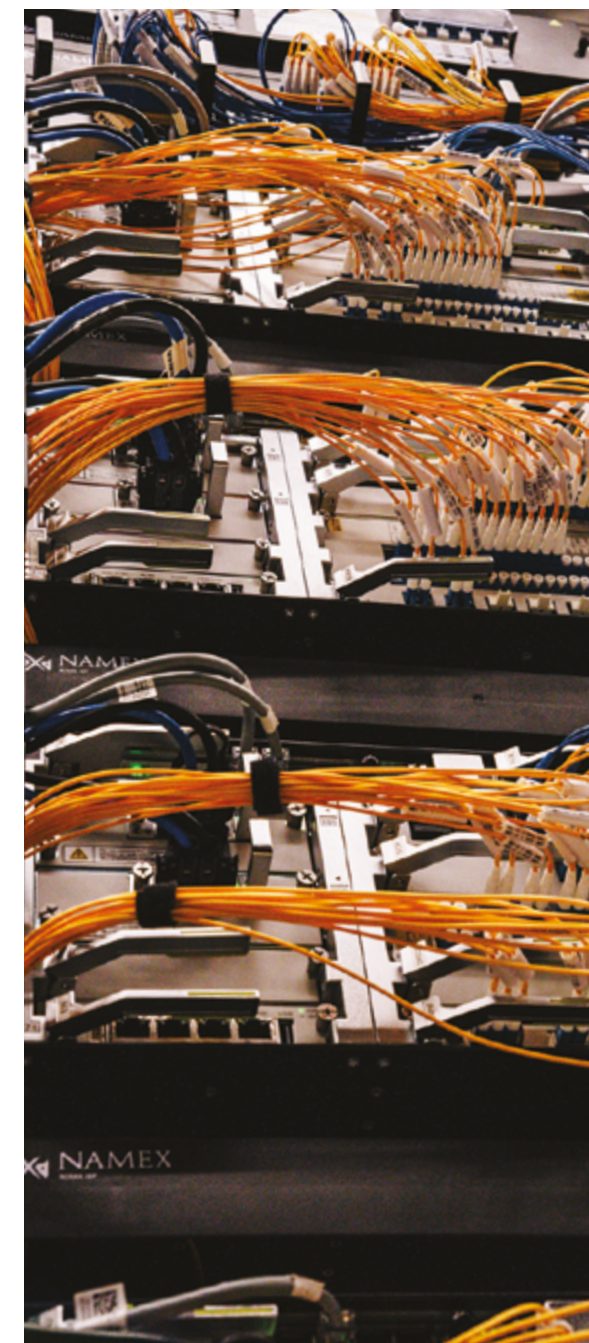
In this context, the role of IXPs is being significantly redefined. From simple platforms for traffic exchange, they are evolving into strategic hubs for resilience, security, and digital sovereignty. Their value can no longer be measured solely in terms of capacity or throughput, but must also be assessed in terms of their ability to keep traffic local, support critical services, ensure operational continuity, and enable new low-latency applications. In an increasingly uncertain geopolitical environment, characterized by growing dependence on global infrastructures, the availability of strong local infrastructure becomes essential for the stability of economic and social systems.

Another important development is the entry of non-traditional players into IXPs. Organizations from sectors such as finance, industry, public administration, and healthcare are increasingly choosing to interconnect directly to ensure high performance, security, and reliability for their applications. This broadening of the participant base contributes to a more diverse and resilient ecosystem, shifting the model from a linear supply chain to a distributed and interconnected network. At the same time, emerging technologies such as artificial intelligence, the Internet of Things, augmented reality, and smart cities are driving further infrastructure distribution, increasing the importance of the edge and micro-IXPs.

In this scenario, the Italian market stands out for its particularly positive dynamics, with growth in both capacity and the number of interconnected networks. Phenomena such as the widespread adoption of live streaming have contributed to significant traffic peaks, highlighting the central role of IXPs in managing high-bandwidth events. In this context, Namex continues to be a key reference point, not only for the volume of traffic handled but also for its ability to support market evolution by offering increasingly advanced services and responding to the needs of a constantly evolving ecosystem.

Looking ahead, it is clear that peering is not losing relevance, but changing in nature. In emerging markets, it will continue to grow alongside connectivity demand, while in major global hubs it will stabilize, accompanied by service diversification. IXPs will be required to evolve further, expanding their role and adapting to a context in which traffic distribution, network resilience, and proximity to end users become increasingly critical.

Ultimately, the Internet of the future will be more distributed, interconnected, and resilience-oriented. In this scenario, Internet Exchange Points are not a legacy of the past, but a fundamental component of the global digital architecture. Their ability to adapt and respond to new market needs makes them, now more than ever, strategic infrastructures for competitiveness, security, and digital sovereignty.



Board of Directors



Renato Brunetti
President
(Unidata)



Maurizio Goretti
CEO
(Namex)



Rosario Pingaro
Vice-President
(Convergenze)



Antonio Baldassarra
(Seeweb)



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Giacomo Scilia
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Massimo Carboni
(GARR)



Francesca Cuomo
(University of Roma,
La Sapienza)



Angela Dall'Ara
(RIPE NCC)



Francesco Ferreri
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Flavio Luciani
(Namex)



Augusto Paolo Mari
(SED Multitel)



Simeone Mastropietro
(TIM)



Luca Rea
(Ugo Bordoni
Foundation)



Giampaolo Rossini
(Unidata)



Gianpaolo Scassellati
(ZTE)



Tiziano Tofoni
(Reiss Romoli)

Namex Team



Maurizio Goretti
CEO



Flavio Luciani
Chief Technology
Officer



Francesco Ferreri
Chief Engineering
Officer



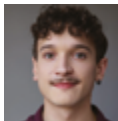
Marco Tocci
Facility Manager



Andrea Spadi
Facility Manager



Marta Burocchi
Network and
Systems Engineer



Leonardo Casini
Data center
technician



Dario Caniglia
Public Affairs



Tiziana Pappalardo
Administration



Ettore Palmieri
Administration



Luca Davoli
Membership
Development
and Marketing



Andrea Gattamorta
Chief Commercial
Officer



Costanza Toti
Junior Account
Manager



Christian Cinetto
Head of
Communication
and Content



Daniela Cacace
Graphic designer



Andrea Di Paolo
Communication
specialist



Daniele Arena
International
projects
consultant

Overview of results since 2025



REVENUE 6.3 MILLION EURO

Reflects the growth of services offered to new members and the increased resources needed for new interconnections

+7%

CONNECTED NETWORKS 281 ASNs

38 new ASNs connected from May 2025 to April 2026



+62% PUBLIC PEERING TRAFFIC PEAK 1.477 TBPS

In February 2026, +62% compared to the 2024 peak

New members over the past year

As of April 30 2026,the networks connected to Namex numbered 281.
Of the 21 new ASNs connected since May 2025, 13 joined the Consortium:

AirLan	airlan.biz	AS214282
Cato Networks	www.catonetworks.com	AS13150
Data Felix	www.datafelix.it	AS208919
Enel Global Services / Enel X	www.enel.com	AS202098
Mediacore / Fibrakom	fibrakom.net	AS215824
Megaport	www.megaport.com	AS49915
Messagenet	messagenet.com	AS58082
Newtec / Wirtek	www.newtec.marche.it	AS201602
Sirianni Informatica / Real Cloud	www.sirinfo.it	AS208862
Threeminds / Volaadsl	www.volaadsl.it	AS60451
Timenet	www.timenet.it	AS51580
Wbr	www.wiber.it	AS206248
Zayo Italy	zayoeurope.com	AS6461

Resellers

Operators can peer at Namex through the following partner operators, who act as aggregators and resellers:

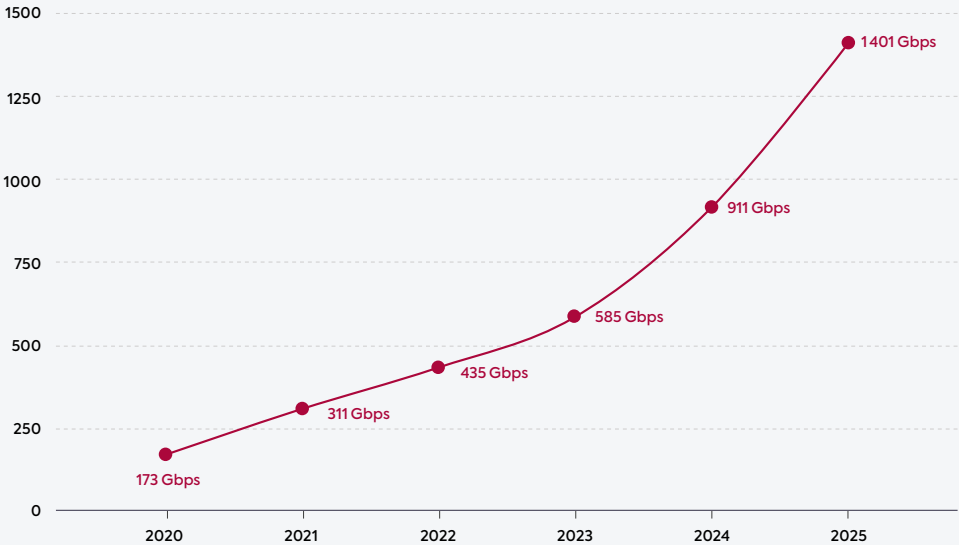


New remote aggregations in the last year

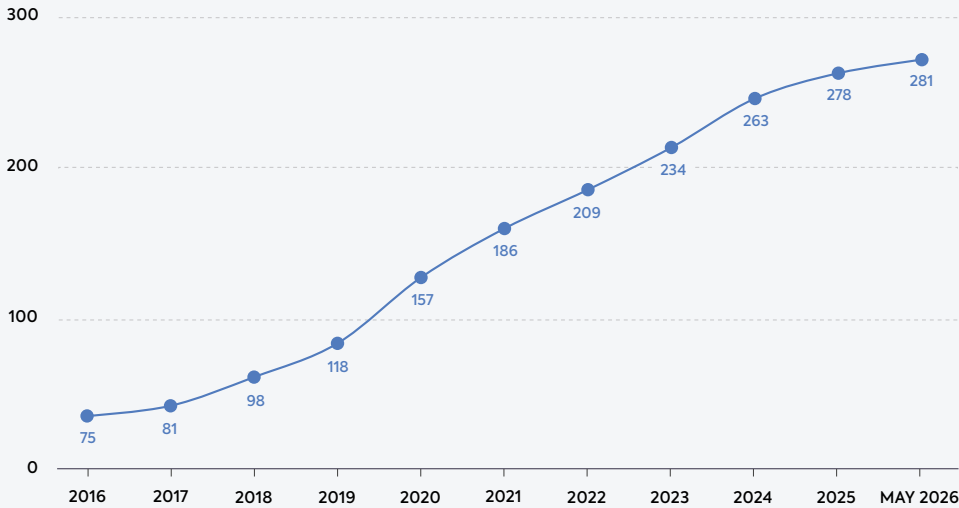
Operator - Network	Website	ASN	Resellers
Arya	www.aryaplus.it	AS206658	Fiber Telecom
HelloTel Telecomunicazioni	www.hellotel.it	AS206539	Fiber Telecom
ISS	www.iss.zone	AS212394	Fiber Telecom
Radio Data Net	www.radiodatanet.com	AS198059	Fiber Telecom
Soluzioni Potenza	soluzionipotenza.it	AS47178	Fiber Telecom
Velcom	velcom.it	AS200877	Fiber Telecom
Wifiweb	www.wifiweb.it	AS47927	Open Fiber

Public peering

After surpassing 1 Tbps in January 2025, the volume of traffic exchanged on the peering platform reached its annual peak of 1.401 Tbps in December. Over the course of 2026, the highest peak recorded so far was 1.477 Tbps, a record reached in February. In just over five years, traffic has increased tenfold.



Networks connected over the last 10 year





Financial statement

In keeping with the trend of continuity, in 2025 the Consortium continued its revenue growth path, achieving a 10% increase compared to the previous financial year. Although there was an increase in

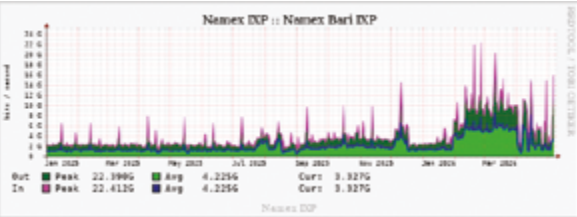
depreciation due to the purchase of the datacenter and the extraordinary maintenance work carried out on it, operating results are in line with those of the previous year.

	2025 Final	2024 Final
Revenues	6.254.501	5.666.116
Costs	5.094.551	4.662.046
EBITDA	1.159.950	1.004.070
Credit Notes	-	-
Depreciation	515.538	331.581
Provisions Devaluation	66.295	6.393
EBIT	578.117	666.096
Financial income (expense)	-927	-
Extraordinary income	129.517	-
Extraordinary expense	-	-
Tax charges	228.791	202.973
FY PROFIT (LOSS)	477.916	463.123

Namex Bari

→ bari.namex.it

Namex Bari is the first “edge” IXP created by Namex in Italy’s easternmost region, an area with participation from numerous local ISPs, national carriers, and submarine cable landing stations. Namex has managed its carrier-neutral DC in Bari since 2021.



As of 30 April 2026, the number of connected networks stood at 37, a figure that continues to grow, having increased by two over the past year. At the data center, Namex hosts caches for Amazon, Meta, Microsoft and Netflix, with Google soon to follow, while EXA includes the PoP in its network, which also extends to our partner IXP ANIX in Albania via the Trans Adriatic Express submarine cable.

NAMEX BARI Connected Networks as of April 30 2026

Operator - Network	ASN	Connection
8ROUTE	AS34428	10G
Altitud	AS57111	10G
Amazon Prime Video	(*)	via AS24796
Amt Services	AS41160	10G
Baleno	AS198349	1G
Cicorella	AS39120	10G + 10G
Convergenze	AS199324	MMR/PNI only
Dodonet	AS212891	10G
EVONET	AS8928	MMR/PNI only
EXA	AS12874	MMR/PNI only
Fastweb	AS41327	10G
Fiber Telecom	AS60443	10G
Fowhe	AS199699	pending
GAMGROUP	AS6939	100G
GlobalCom Basilicata	AS34691	1G
Hurricane Electric	AS208000	10G
Intendo (TLCWEB)	AS63293	10G
Megacom	(*)	via AS24796
Meta AS63293	AS24796	20G

Operator - Network	ASN	Connection
Microsoft Connected Cache	(*)	via AS24796
Namex IXP	AS24796	20G
Netflix Open Connect	(*)	via AS24796
Network Sistemi	AS21058	10G
Numeria	AS199042	1G
Open Fiber	AS210218	100G
Progeform	AS206961	pending
RTL	AS213981	10G + 10G
Retelit	AS28716	MMR/PNI only
TIM	AS3269	MMR/PNI only
TechDigital	AS199536	10G
Vitalbanet	AS213089	10G
WI-GO	AS206655	10G
Warian	AS56911	10G
WeNetwork	AS205891	10G
Wicity	AS59766	10G
Wifimultimedia	AS206947	10G
WindTre	AS1267	MMR/PNI only



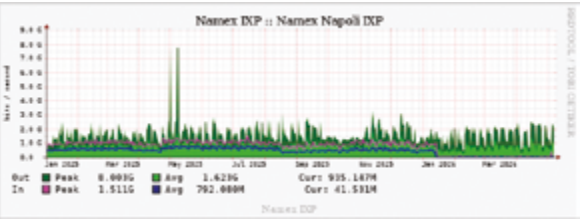


Namex Napoli

→ napoli.namex.it

Namex Napoli is the second “edge” IXP founded by Namex, located in Italy’s most densely populated region. Campania is also home to numerous ISPs, primarily local ones. Consequently, Napoli, Southern Italy’s most populous city, was chosen to host this Internet Exchange Point.

Following Namex Bari’s path, our second edge IXP aims to optimize regional traffic between local ISPs and content providers, as well as serve as a carrier-neutral DC where ISPs can interface with national wholesale operators and international carriers to purchase delivery and transit services. As of April 30 2026, 21 networks were connected.



The data center is hosted by the Parthenope University, with which Namex signed a cooperation agreement in October 2022. The facility is located in the city center (Monte di Dio area), near TIM’s “Tupputi” PoP and the local GARR PoP. At the data center, Namex hosts caches for Amazon, Meta, Microsoft and, soon, Google.

NAMEX NAPOLI Connected Networks as of April 30 2026

Operator - Network	ASN	Connection
Alonet	AS215385	10G
Amazon Prime Video	(*)	via AS24796
Argosid Network	AS206988	10G
Beewee	AS215830	10G
Connesi	AS15605	10G
Convergenze	AS39120	10G + 10G
DNS-OARC-112	AS112	1G
Evacom	AS213338	10G
Facebook	AS32934	10G
Fastweb	AS12874	MMR/PNI only
Keliweb	AS202675	10G

Operator - Network	ASN	Connection
Microsoft Connected Cache	(*)	via AS24796
NHM	AS62275	10G
NameX IXP	AS24796	10G
Novaconn	AS203462	10G
Open Fiber	AS210218	MMR/PNI only
Samtel Network	AS200345	10G
TIM	AS3269	MMR/PNI only
Telemanapoli	AS208337	10G
Varian	AS56911	10G
Wiritaly	AS215706	10G

Namex in the Balkans

Consolidating a regional network of collaboration

— Daniele Arena International projects consultant



Over the past year, Namex’s commitment in the Balkans has entered a new phase. While the previous period had been

characterised mainly by the launch of new collaborations, this year marked a shift towards consolidation: ANIX made a significant leap in scale, the KOSIX upgrade project was completed, and a new collaboration with IXP.mk in North Macedonia was initiated. Taken together, these activities confirm a clear direction: supporting the development of local and regional interconnection nodes through technical cooperation, knowledge transfer and the growth of local communities.

ANIX: infrastructure growth and ecosystem maturity

In Albania, ANIX recorded very significant growth over the past year. Peak traffic

more than tripled, from approximately 20 Gbps to nearly 70 Gbps, marking a change in scale. This growth was driven in part by the arrival of new content, including Cloudflare, but also by the expansion of locally generated traffic. This latter figure is particularly noteworthy: local traffic, which previously accounted for just 10-15% of the total, reached nearly 30 Gbps out of the overall 70 Gbps. This is not simply a case of “more traffic”, but of traffic that is increasingly rooted in the national digital ecosystem, with positive effects in terms of efficiency, content proximity and value retained locally.

Supporting this growth was not only the technical evolution of the infrastructure, but also the strengthening of ANIX’s positioning as an interconnection platform for the Albanian market. Within this framework, the “one-stop shop” commercial agreement between Namex and RASH also plays a role, allowing interested operators,



«The Meeting offered a broader reflection on the theme of digital cooperation in the Balkans.»

especially international ones, to interact directly with Namex for membership to the exchange point and for the related economic aspects, thus helping to make access to ANIX simpler and more immediate. A central moment in this journey was the ANIX Meeting 2026, held in Tirana on 5 February. The event brought together 74 in-person participants and 66 online viewers, confirming itself as a key appointment for operators, institutions and technical communities in the region. More than a simple update on the state of ANIX, the Meeting offered a broader reflection on the theme of digital cooperation in the Balkans, ranging from the evolution of the Albanian regulatory framework and the country’s European path, to the

role of IXPs as enabling infrastructures for more efficient, resilient and locally rooted connectivity. Particularly relevant were the contributions from RIPE NCC on the South-Eastern European IXP landscape and the regional panel with operators from neighbouring countries, which highlighted how the issue of interconnection does not end with local traffic, but is intertwined with the cost of cross-border transport, market structure and the ability to build trust among different stakeholders.

KOSIX: completion of the ISOC project and activation of new services

In Kosovo, the project carried out with ARKEP under Internet Society’s Sustainable

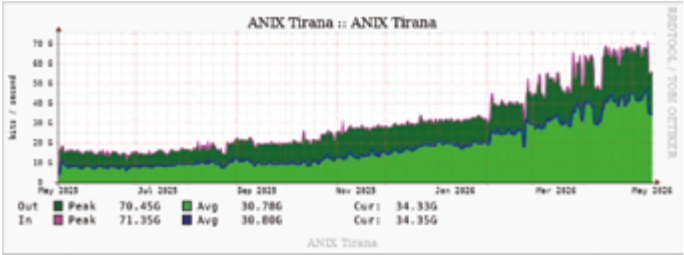
ANIX Connected Networks as of April 30 2026

Operator - Network	ASN	Connection
Abissnet	AS35047	10Gbps
Abnet	AS202710	10Gbps
Albanian Fiber Telecommunications	AS198890	10Gbps
ANIX Tirana	AS205140	2*100Gbps
Cloudflare	AS13335	2*100Gbps
Convergenze	AS39120	10Gbps + 10Gbps
Diginet	AS6843	1Gbps
DNS-OARC-112	AS112	1Gbps
FirstCom	AS205244	10Gbps
Host.al	AS213683	10Gbps
Hurricane Electric	AS6939	10Gbps
IBC Telecom	AS57388	10Gbps
Isa.Net	AS209240	10Gbps
Keminet	AS197706	2*10Gbps
MC Networking	AS56468	10Gbps
Meta	AS63293	3*10Gbps
Mobitel	AS60471	2*10Gbps
Namex	AS24796	2*10Gbps
NEXT-TV	AS205110	10Gbps
NSolution	AS48265	10Gbps
OPTIXCOM	AS205923	10Gbps
Packet Clearing House AS3856	AS3856	1Gbps
Packet Clearing House AS42	AS42	1Gbps
Priam Net	AS210125	10Gbps
PRONET	AS33924	10Gbps
Qendra Nderuniversitare e Sherbimeve dhe Rrjeti Telematik	AS57961	10Gbps
Selcom	AS60352	10Gbps
Starnet Albania	AS60304	10Gbps
TiBO Communications	AS39611	10Gbps
Tring	AS47394	10Gbps
Vodafone Albania	AS50973	10Gbps
Netflix Open Connect		via AS24796



Peering Infrastructure programme, funded by the ISOC Foundation, has completed its operational objectives. Following the installation of the generator, a second technical mission to Pristina saw the installation and configuration of the two new servers purchased with the grant, and the planned services are now active: IXP Manager, redundant route servers, AS112 and monitoring tools. The project has thus

produced a tangible strengthening of the infrastructure and operational capabilities of the Kosovar exchange point. A particularly important step was also the renumbering of the IXP members’ IP addresses, which now operate on the peering LAN with public addresses, in line with industry best practices. This migration was not merely a technical intervention; it was carried out in direct collaboration with



«In Albania, ANIX recorded very significant growth over the past year.»



Following the installation of the generator, a second technical mission to Pristina saw the installation and configuration of the two new servers purchased with the grant.»

local ISPs, who demonstrated a concrete ability to cooperate in improving the functioning of the shared infrastructure. For this reason too, the KOSIX project had a value that goes beyond the installed hardware: it helped strengthen a shared operational culture and create the conditions for further future developments. The MoU with ARKEP remains indeed the framework for a longer-term collaboration, encompassing technical support, training and initiatives aimed at the local ecosystem.

IXP.mk: a new collaboration in North Macedonia

Over the course of the year, a new initiative was also added in North Macedonia, with the formalisation of a collaboration with IXP.mk, the Skopje exchange point. This is a project with a strong academic and voluntary background, hosted at the Faculty of Computer Science and Engineering of the University "Ss. Cyril and Methodius". The MoU signed with IXP.mk provides for technical support, training activities, development of technical communities in the fields of networking and cybersecurity, joint events and common research projects. As a first concrete contribution, with the support of FlexOptix, Namex donated high-capacity 40G and 100G optics, useful for supporting the growth of the infrastructure. This collaboration has a value that goes beyond the material aspect of the donation. IXP.mk is an example of how an IXP can also be a laboratory for skills, experimentation and professional relationships, and it reflects well the type of partnership Namex seeks to



promote in the region: not the simple export of a model, but the accompaniment of local organisations that already have their own identity and roots.

A regional strategy that opens to the Mediterranean

The activities of the past year confirm that Namex's role in the Balkans is evolving consistently with its broader mission in the Mediterranean: not only operating infrastructures, but contributing to the growth of more mature, resilient and collaborative interconnection ecosystems. In Albania, this meant accompanying a phase of strong growth for ANIX and consolidating its role in the national ecosystem; in Kosovo, bringing to completion a project that has produced infrastructural, operational and community results; in North Macedonia, launching an academic and technical partnership with strong potential.

Taken together, these initiatives indicate a strategic direction that goes beyond individual projects: building stable relationships, supporting the emergence and strengthening of technical communities, and contributing to greater integration of interconnection nodes in the Mediterranean area. This is a line of work that will continue in the future, opening up new possibilities for collaboration in other contexts across the region, always with the same approach: peer-to-peer cooperation, enhancement of local skills, and attention to long-term sustainability.

The strategic agreement between Namex and TOP-IX

ARGO Alliance is the federated ecosystem born from the agreement between Namex and our colleagues at TOP-IX, with the aim of pooling resources and expertise while each retains its own identity and autonomy.



Renato Brunetti, Namex President, and Davide Calónico, TOP-IX President, sign the agreement marking the birth of ARGO.

The initiative is part of a broader path, which also includes the collaboration already underway with ANIX, and stems from the recognition that models based on excessive concentration risk undermining the neutrality that characterises the role of Internet Exchange Points.

The alliance is founded on a federated and distributed model, open to new memberships and oriented towards enhancing local specificities within a common operational framework. Today, ARGO connects approximately 400 networks across 16 access points located in Turin, Milan, Rome, Naples and Bari. Expansion towards Genoa and Tirana is already planned. On the operational side, the alliance adopts a One Stop Shop model that simplifies contractual and administrative management, standardising procedures and offering members coordinated access



Mediterranean Gateway for Advanced IX Services

- One Stop Shop
- Time as a Service (TaaS)
- Data Center & Colocation
- Public Peering



to all services: distributed interconnection, colocation and value-added services. On the research front, experiments are underway on the integration of Quantum Key Distribution in metropolitan areas as part of the QUID project, and Time as a Service, namely the distribution of highly accurate time via optical fibre, is regularly available in collaboration with INRIM. The Mediterranean perspective is an integral

part of the project. The region, historically a place of exchange and connection, can today become one again on the digital plane through a network of IXPs capable of cooperating and strengthening their respective national ecosystems. The hope is that other IXPs in the region may identify with this approach and contribute to building a more interconnected, resilient and shared infrastructure.

Inside the data center: analysis, interventions and development

— Marco Tocci Facility Manager



Alongside services, platforms and technological evolutions, there is a less visible but fundamental

element for Namex’s operations: the data center. This is where the entire ecosystem develops and is sustained, from peering to the evolution of new services. An infrastructure that operates behind the scenes, but makes every activity possible, ensuring stability and continuity over time.

Namex’s ability to innovate and expand its offering is closely linked to the solidity of the data center. Every new service,

«Namex’s ability to innovate and expand its offering is closely linked to the solidity of the data center.»

every growth, is built on an infrastructure capable of sustaining increasing loads, adapting to change and maintaining high operational standards. It is within this balance that continuity, performance and resilience are guaranteed.

The acquisition of the data center in April 2024 marked the start of a structured process, founded on a key principle: thoroughly understanding the existing infrastructure before intervening. More than a simple handover, it was a true taking charge of the infrastructure, aimed at building a complete and informed knowledge of the system.

This phase was guided by an analytical and critical approach, aimed not only at observing, but also at questioning logics and solutions that had been consolidated over time. The objective was to transform the complexity accumulated over the years into a readable foundation on which

to build coherent and lasting interventions. Throughout this process, dialogue with external designers and technicians offered independent and complementary perspectives, enriching the overall analysis.

The study phase brought to light a clear mapping of critical issues, concentrated in three areas: cooling systems, medium-voltage electrical infrastructure and electrical distribution in the oldest data center hall. As these are components with a direct impact on safety and operational continuity, interventions were planned as a priority. The first two areas have now been completed; activities on the third are currently underway.

On the cooling systems, work was carried out through the replacement of the chiller, moving from a configuration with a single unit to a redundant solution with two machines in parallel, improving overall stability and reliability. On the electrical front, the MV/LV switchgear was refurbished, with the aim of increasing safety, ensuring operational continuity and bringing the plant into line with current regulatory standards.

The initial interventions have already produced concrete results, improving operational stability and introducing greater redundancy in the most sensitive systems. At the same time, work has been done to realign the infrastructure with regulatory standards and industry best practices, strengthening the foundations on which to



build the future evolution of the site. The work, however, was not limited to resolving critical issues. From the very beginning, a medium and long-term planning process was initiated, with the aim of accompanying the data center through a gradual and sustainable transformation: not only upgrading the oldest components, but systematically improving the energy efficiency and overall quality of the infrastructure.

In this perspective, the data center is no longer merely the hidden engine of Namex’s operations, but a strategic element capable of enabling future evolutions. It is here that reliability and innovation, operational continuity and capacity for transformation intersect. It is on these foundations that Namex continues to develop services, create connections and consolidate its role as a key infrastructure for the Italian Internet.

School of Advanced Networking 2025

→ school.namex.it

The Namex School of Advanced Networking, exclusively for consortium members, continues to receive strong approval each year. The training program, carefully defined and approved by the Technical Committee, has received excellent feedback. The established partnership with Reiss Romoli has further enhanced the quality and prestige of

the courses offered. This initiative underscores the importance of investing in training and skill development, essential in an ever-evolving sector like telecommunications. The following tables provide an overview of the courses delivered and participation statistics, demonstrating the school's positive impact.

Course	Editions	Participants
Mikrotik Mondays	1	40
From measurements to technical SLS and connectivity service SLAs	1	22
MPLS, Segment Routing and EVPN services	2	30
Structured cabling for buildings and data centers	1	30
Data center networking: from L2 DCs to AI-ready DCs	1	30
Introduction to Segment Routing: SR-MPLS and SRv6	1	30
IPv6: a user manual	1	20
Cloud networking – advanced aspects	1	14
Cloud networking – basic aspects	1	19
SD-WAN: technical and business aspects	1	13
SASE	1	14
BGP – advanced aspects	1	17
BGP – basic aspects	1	18
The DNS universe	1	16
Total students (2025)	Certifications*	Companies reached
313	4	91

(*) This is the total aggregate number of certifications issued since the beginning of the 2025 edition of the School of Advanced Networking. Students can obtain certification up to six months after the course ends.



«The Namex School of Advanced Networking continues to receive strong approval among Consortium members every year.»

Namex Annual Meeting #NAM2025

→ nam2025.namex.it

The 2025 Namex Annual Meeting (NAM) returned to the exclusive setting of the Gazometro in Rome's Ostiense district, which had already hosted us in 2023, with over 650 participants representing more than 250 companies in attendance.

The gathering brought together a broad and diverse audience from the telecommunications sector. NAM is without doubt a great opportunity, as it brings



together all the key decision-makers of the Italian Internet community to meet and discuss the latest trends and developments in the industry.

The conference opened with institutional greetings from Namex President, Renato Brunetti, and the representative of the Municipality of Rome, Paolo Aielli. This was followed by the keynote "Il Sesto Potere" by Christian Cinetto, which set the stage for a day of deep geopolitical and technological reflection.

In the first panel of the morning, "What is happening to submarine cables?", representatives of Italy's and the world's leading network institutions discussed their role and expectations in an increasingly complex geopolitical landscape. Experts of the calibre of Enrico Maria Bagnasco (CEO of Sparkle), Renato Brunetti (CEO of Unitirreno), and Serafino Sorrenti, Chief Information Security Officer of the Presidency of the Council of Ministers, took the stage to share their views.

The main interview featured Walter Renna, CEO of Fastweb + Vodafone, the single



operator into which two of the country's largest national ISPs had just merged, while the President of the Digital Transformation Institute, Stefano Epifani, delivered a keynote on artificial intelligence and ethics.

The second panel, "The geopolitics of space", addressed the new space race from a visionary perspective, moderated by journalist Emilio Cozzi. A moment of great inspiration was the talk by ESA astronaut Paolo Nespoli, joined by Tommaso Ghidini (ESA) and Luca Rossettini (CEO of D-Orbit), who discussed how the space ecosystem

«NAM is a great opportunity to meet and discuss latest trends and developments in the industry.»

is integrating with global communication networks. The plenary session was also enriched by contributions from Mattia Valtaggio (ENI), Daniele Eleodori (Fondazione Telethon), Stefano Quintarelli, Patrick Christian (Telegeography), Antonio Deruda and Pietro Grasso, President of the Fondazione Scintille di Futuro. The plenary concluded with the traditional Namex update session, featuring presentations by CEO Maurizio Goretti and CTO Flavio Luciani, who illustrated the Consortium's operational and technical progress. The event continued in the afternoon with thematic workshops and One-to-One meeting sessions, confirming NAM as an indispensable meeting point for the entire Italian digital ecosystem.

The voice of Namex

From the Terabit to the Moon

Christian Cinetto Head of Communication and Content



Over these past twelve months, Namex’s communication has rested on three pillars: events, community,

industry, always with our role as the IXP of the Mediterranean in mind. We have spoken to the technical community and to institutions, to generalist journalists and to network engineers, to those who have known Namex for thirty years and to those who had never heard the word “peering”. And at a certain point, we also looked beyond the atmosphere.

Newsletter

Six annual issues with a fixed-format structure and multiple contributors: the editorial by General Manager Maurizio Goretti, the technical article of the month by Flavio Luciani, regulatory policies by Innocenzo Genna, Internet geopolitics by myself, the Balkans covered by Daniele Arena, data from the Observatory, the

monthly community story, and a special interview curated by Alessandro Longo. The news section reports on Namex, the industry and upcoming events. The numbers confirm that the format



gamble is paying off: subscriptions have grown and the readership rate has exceeded **40%**, a threshold that few industry newsletters reach.

Social media

LinkedIn is growing steadily and consolidates us as the leading Italian community among Internet Exchange Points and among the top five in Europe by followers, with an overall engagement that places us among the top three on the continent. On the channel front, we have made a clear choice: we are closing X, which no longer reflects either the values or the audience we want to address, and we are opening an experiment with TikTok to reach a younger audience and explore a visual narrative of Internet infrastructure that has not yet found its format on traditional social media. We remain on Instagram and Facebook.

Events

For Namex, events are a tool for community building first and visibility second. This year we consolidated some and launched new formats.

The journey of football streaming has reached its culmination on 18 November: a path that started from the Namex Observatory, told in a full page of La Gazzetta dello Sport, and concluded with a public evening in which Namex brought the entire value chain onto the stage: broadcaster, CDN, IXP, access operator.



NAMEX Unplugged was the most significant new initiative of the year. The idea: to bring into our community voices that usually speak to other audiences. The first evening featured Riccardo Luna presenting “Qualcosa è andato storto” with Antonio Nicita and an introduction by President Pietro Grasso. Unplugged is also the tool through which we have come closer to institutions: a narrative register that makes interconnection issues accessible to those who do not live inside a data center every day.





Internet Beyond Earth

2025 was the year in which Namex repeatedly spoke about the Internet from space and in space: LEO satellites, lunar missions, orbiting data centers. A thread that ran through the year and found its culmination in a unique event, hosted for the first time in Italy at Villa Celimontana, at the headquarters of the Società Geografica Italiana. Together with IPNSIG, ESA, Leonardo and Telespazio, we discussed why and how the Internet will need a protocol and an exchange point on the Moon.



«2025 was the year in which Namex repeatedly spoke about the Internet from space and in space.»

ANIX Meeting 2026 set a new record: 100+ participants, 60 companies, 16 international speakers. For the first time, representatives from Albania, Italy, Kosovo, North Macedonia and Greece shared the same stage. The Albanian exchange point is growing in traffic, membership and institutional weight.

RMNOG and BARINOG had an extraordinary year: 12 meetings in Rome, 6 in Bari, with **400 people** attending RMNOG and **100** attending BARINOG. Half of the Rome appointments were preceded by company presentations or thematic sessions. Sometimes it is just a beer. Very often it is B2B networking that is hard to replicate elsewhere.

Media coverage

The highlight of the year was an article in Wired Italia: "Space Internet: why we need a protocol and an exchange point on the Moon". It is the kind of coverage that positions Namex as a reference not only for today's interconnection, but for the infrastructures of the future. Alongside Wired, Repubblica, CorCom and Telecompaper reached us over the course of the year, driven by the launch of ARGO, the ANIX Meeting and the arrival of new international members.



Namex supports

Namex supports some important initiatives within the Internet community and also solidarity initiatives outside the telecommunications market.



Scintille di Futuro is a foundation aiming to build a network of commitment to combat organized crime, promote a culture of legality, and participate in debates on justice and the rule of law.



Telethon is an Italian non-profit organisation that support scientific research on rare genetic diseases.



La Cooperativa L'Accoglienza - Casa Betania has worked since 1990 to spread a culture of hospitality and solidarity within families. It promotes and provides support for people in need.



BIRD is one of the two software distributed on our Route Servers. Namex supports its development and strongly encourages the adoption of a software diversity policy.



The Internet Society supports and promotes the development of the Internet as a global technical infrastructure, a resource to enrich people's lives and a positive force for society.



IXP Manager is our customer portal and we are happy to support its development. It helps us with automations, and it enhances customer experience.



PeeringDB is a public database used by network operators to exchange information about peering, IXPs, and data centers. It facilitates collaboration and optimization of global internet connections.





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