



**Dr. Arjan Xhelaj**

# **ANIX Meeting Tirana 2022**



# Who is RASH

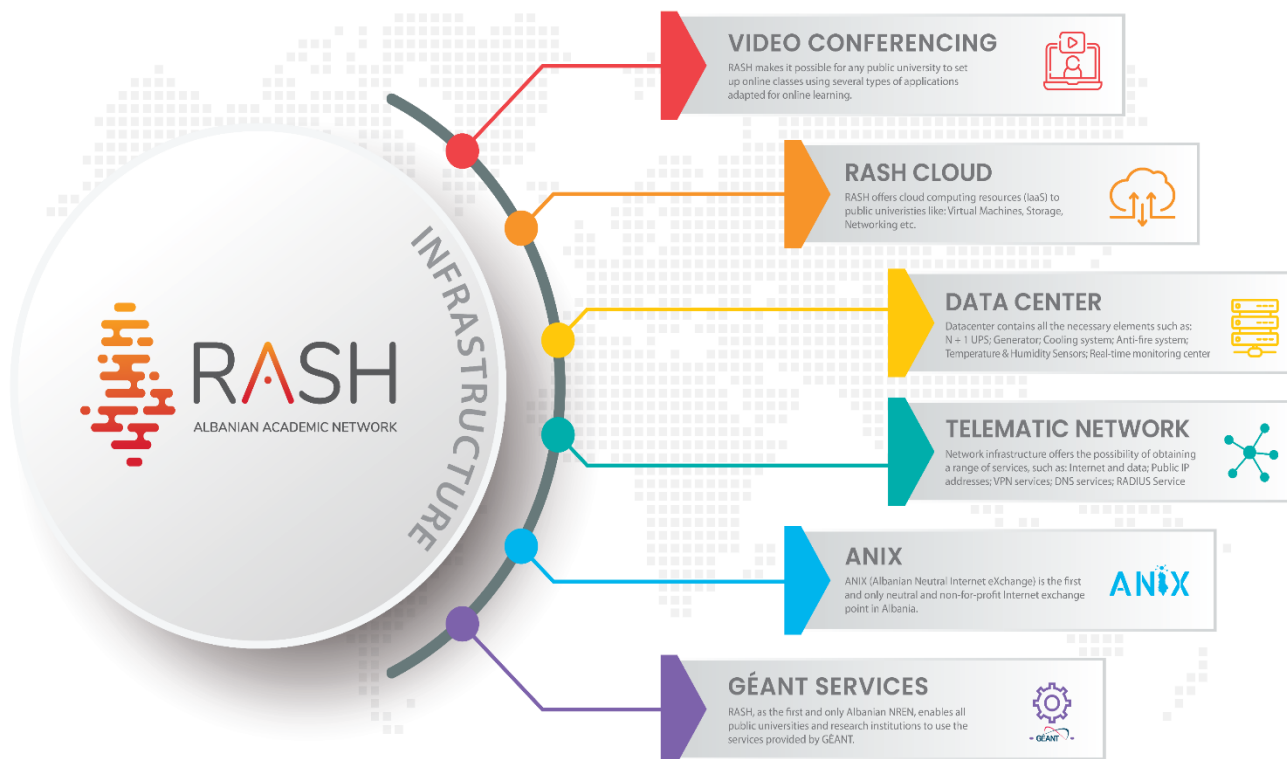
- RASH is the National Research and Education Network (NREN) of Albania.
- Established **2009** with an intergovernmental Agreement of Albanian Parliament between Albania and Italy,
- RASH institutional building starts **2011** as Albanian NREN in national level and **2012** became the international recognition as GÉANT Association member.
- **2016** RASH build their own Datacentre and the Academic Backbone: MAN of Tirana and 6 Campus Networks.
- **2017** RASH e-infrastructure connect to GÉANT Network the fundamental element of Europe's e-infrastructure delivering network through interconnections with its *38 NREN partners*. RASH implement locally several GÉANT services.
- **2018**, RASH was reorganized with autonomous status as Interinstitutional Centre.
- **2020** RASH became a member of EOSC Association – European Open Science Cloud infrastructure.
- **2022** RASH implement of EduRoam platform accessible in more as 100 countries.
- **2023** RASH will be the PoP of GÉANT for WB region with 100Gb connection to Milan and Sofia each. **TNC23 take place in Tirana (5-9 June).**





# RASH Software



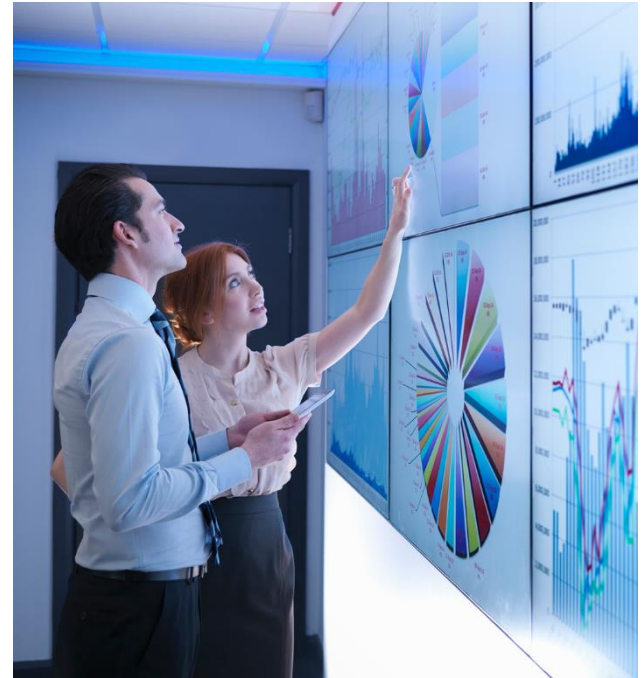


# Introduction



**ANIX** is the first and only neutral Internet Exchange Point in Albania.

- ❖ ANIX project start 2017 through a RASH initiative in cooperation with NAMEX (Roma's IXP)
- ❖ Is hosted at RASH, in its carrier-grade data centre in the heart of Tirana, Rr. Durrës 219.
- ❖ RASH cover over 5 years all costs for AniX, making this experiment a successful investment.
- ❖ Future of AniX open new ways for cooperations and services.



# Introduction



## Active members:

- **Albanian :**

RASH, Abcom, Abissnet, ATU, Nisatel, Pronet, Moditel, ISAnet, Kimnet, Selcom, Starnet, Tring, TIBO, Vodafone.

- **International :**

NaMeX (IT), Netfilx (US), Packet Clearing House (US), Facebook (US), Hurrican Electrics (US).

### At next:

EXA, GEANT,

Company	ASN	Connections
<u>Abissnet</u>	<u>35047</u>	10Gbps
<u>Albanian Telecommunications Union</u>	<u>198279</u>	10Gbps
<u>Diginet</u>	<u>6843</u>	1Gbps
<u>DNS-OARC-112</u>	<u>112</u>	1Gbps
<u>Facebook</u>	<u>63293</u>	3*10Gbps
<u>Hurricane Electric</u>	<u>6939</u>	10Gbps
<u>Isa.Net</u>	<u>209240</u>	10Gbps
<u>Keminet</u>	<u>197706</u>	2*10Gbps
<u>Mobitel</u>	<u>60471</u>	10Gbps
<u>Names</u>	<u>24796</u>	2*10Gbps
<u>Nisatel</u>	<u>29328</u>	10Gbps
<u>Packet Clearing House AS3856</u>	<u>3856</u>	1Gbps
<u>Packet Clearing House AS42</u>	<u>42</u>	1Gbps
<u>PRONET</u>	<u>33924</u>	10Gbps
<u>Qendra Nderuniversitare e Sherbimeve dhe Rrjeti Telematik</u>	<u>57961</u>	1Gbps
<u>Selcom</u>	<u>60352</u>	10Gbps
<u>Starnet Albania</u>	<u>60304</u>	10Gbps
<u>TIBO Communications</u>	<u>39611</u>	2*10Gbps
<u>Tring</u>	<u>47394</u>	1Gbps
<u>Vodafone Albania</u>	<u>21183</u>	10Gbps
<u>Netflix Open Connect</u>	<u>(*)</u>	2*10G



# Join ANIX!

## Member Benefits

- Reduce Transit Costs
- Reduce Latency
- Be part of the local ISP community
- Build young professionals
- How to Join
- How to reach ANIX



# Member Benefits



## BE PART OF THE LOCAL ISP COMMUNITY

By being part of the only neutral Internet Exchange Point in Albania, members will be able to actively shape the next-generation Albanian Internet.

### HOW TO JOIN?

Any entity may join ANIX, provided that it possesses its own Autonomous System Number and classes of public networks obtained from a Regional Internet Registry (RIR).

All members must comply with the ANIX technical regulations

For further information please contact [join@anix.al](mailto:join@anix.al)

### HOW TO REACH ANIX?

Members can connect to ANIX by installing their own fiber optic cable or leasing cable/circuits through any of the other members who have available capacities and provide connectivity services to the IX. Fiber access to the building is possible through 2 separate paths from public manholes.



# Technical & Admin. Information

- RASh INCO and AniX by 2023 will provide administrative service and will manage the client contacts.
- Namex will offer the technical assistance for AniX and in the capacity building.
- Pricing: Decision making in process till end of 2022 and will be public in first month of 2023.





[www.anix.al](http://www.anix.al)

**THANK YOU!**

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