MscLight - Russia

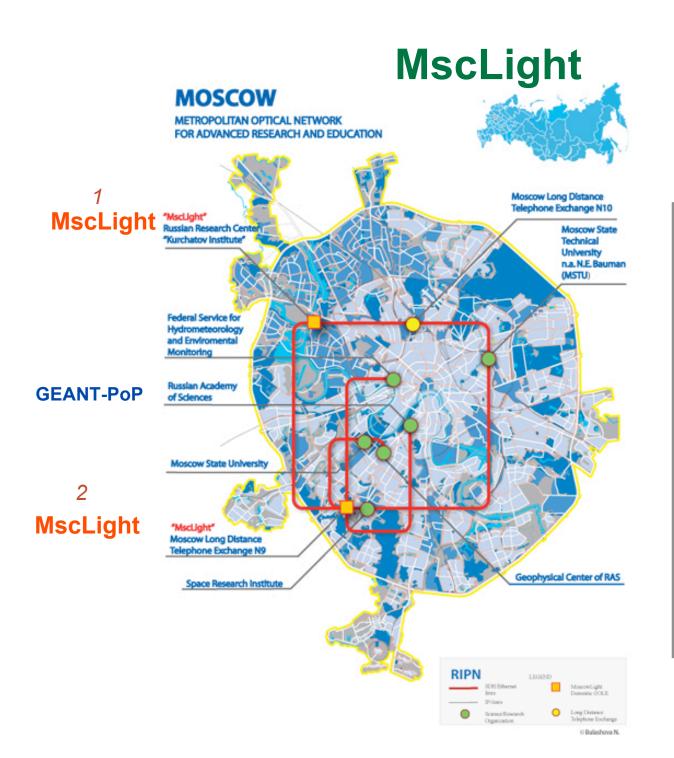


Update for GLIF - 2009 Technical & Control Plane Working Group Meeting

Natalia Bulashova RIPN nbulashova@mac.com









Locations

7 ROSNIIROS, 1, Kurchatov square Moscow, Russia,123182 2

M9 Telephone Exchange, 7, Butlerov Street, Moscow, Russia

Sponsoring Organization

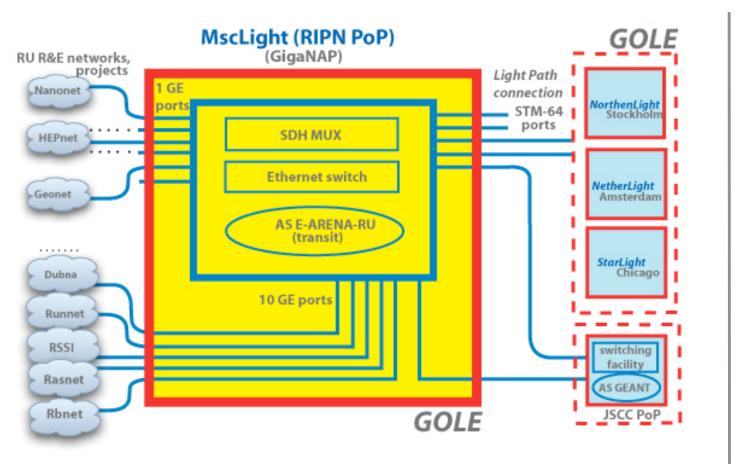
Russian Institute for Public Networks (RIPN) has been founded in 1992 by the Science and Higher School State Committee of Russia, Russian Research Centre "Kurchatov Institute"





MscLight

Equipment



123182, Russia, Moscow, Kurchatov square, 1 (ROSNIIROS)





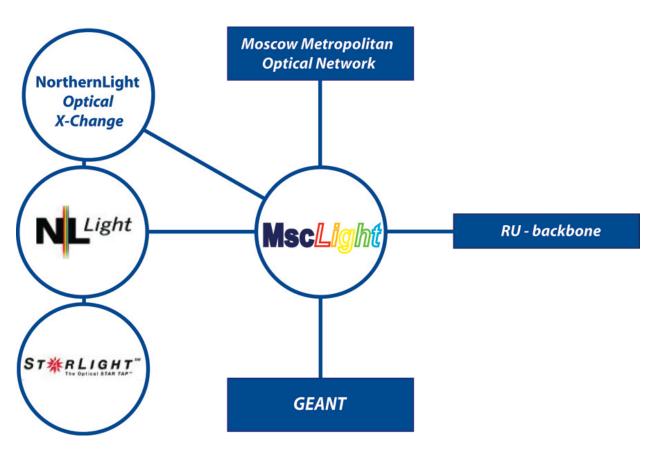
MscLight



Summary

| Location | 1.ROSNIIROS, Kurchatov square, 1, Moscow, Russia, 123182, 2.M9 Telephone Exchange, 7, Butlerov Street, | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| | Moscow, Russia | |
| Sponsoring Organization(s) | RIPN (ROSNIROS) | |
| Website | http://www.ripn.net:8080/about/en/ | |
| Service Contact | Administrative contact: admin@ripn.net | |
| | Network Operations Center: noc@rbnet.ru | |
| Interfaces | Cisco, Nortel 1000 Base-T 1000 Base-SX 1000 Base-LX 10GBASE-SX 10GBASE-LX STM-64 (Packet over SONET) | |
| Connectivity | 1 x 10 Gbps to NorthernLight (and NetherLigh, STARLight) provided and operated by RIPN Moscow, Russia 1 x 10 Gbps to NORDUnet IP provided and operated by RUNnet Moscow, Russia) Runnet-nordunet | |
| Charging Policy | Free of Charge Daejeon, Korea, 2009 | 4 |

MscLight and connection to GLIF GOLEs



123182, Russia, Moscow, Kurchatov square, 1 (ROSNIIROS)



MscLight

Today:



International Connection

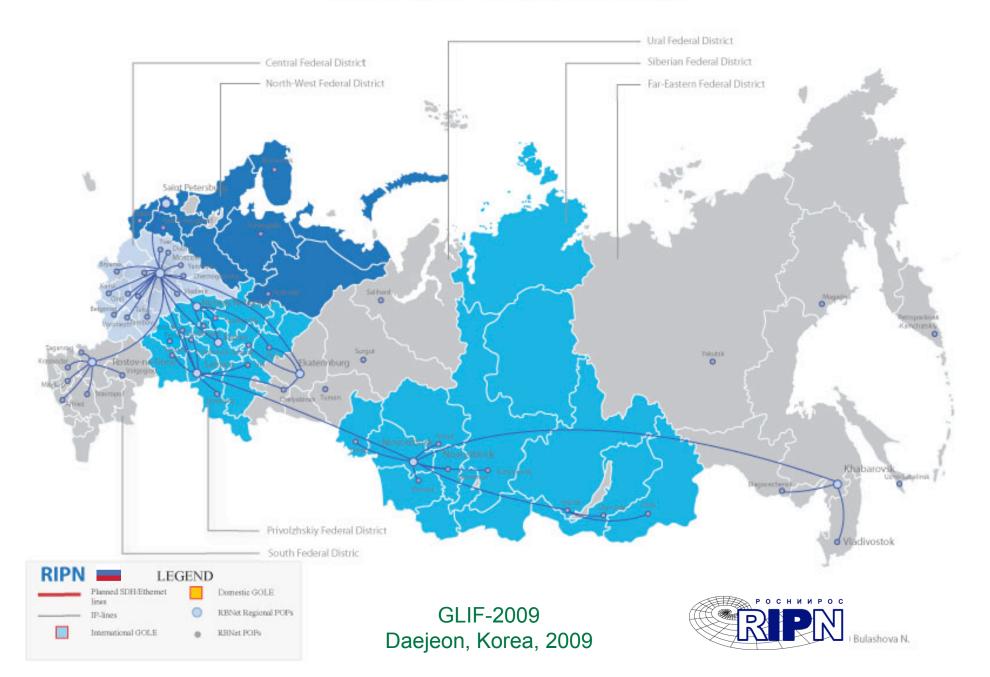
RBnet's connections
NORDUnet - NorthenLight - NetherLight - StarLight
RBnet's chnnels:
Moscow - Petersburg - Stockholm - Amsterdam - Chicago
STM-64
RUNnet's connection:
NORDUnet
RUNnet's chanels:
Moscow - Petersburg - Stockholm STM-64

Domestic connection

- Constructed on R&E Russian networks joint efforts of the RBNET/RUNNet/RASnet (e-arena)
- RBnet/Runnet have constructed own DWDMinfrastructure S.Petersburg - Helsinki (32 channels, NORTEL equipment)
- S.Petersburg Moscow; lease optical channels
- Today: 2-level structure, 7 main PoPs at Russia
- Cover over 50 regions of Russian Federation
- Based on Russian optical infrastructure of the providers such as Rostelecom/TransTeleCom/Eurotel



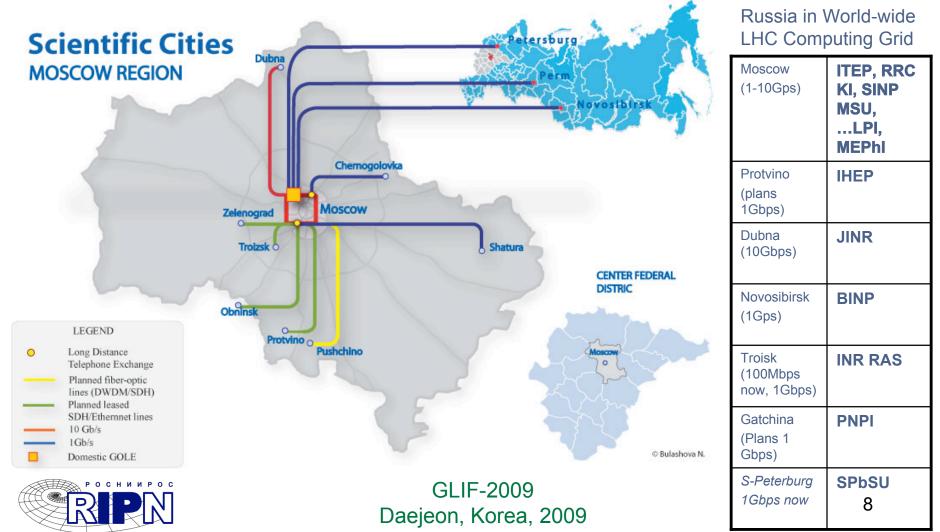
RUSSIAN R&E IP-BACKBONE NETWORK



2008 - RIPN in partnership with Regions. Moscow Region. *High Energy Physics*

Advanced Networking infrastructure for the National Large scale science application.





MscLight - Russia



감사합니다 Thank you for your attention

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