

30 years of internet development in Russia



**.SU**

ccTLD Registry

**LIR**

Local Internet Registry

# Working for the development of the Russian digital environment



RIPN ANCO is the founder of the Russian domain industry.  
Since 1993, we have been developing and administering the national top-level domain - .SU



For many years, RosNIIROS has been building and maintaining networks for scientific and educational institutions across Russia, as well as an infrastructure for international cooperation among scientists



RIPN was involved in establish Russia's first traffic exchange points, a certification center and large-scale IPv6 implementations



Today, RosNIIROS supports the critical infrastructure of the Russian Internet segment and is actively involved in developing measures for its regulation

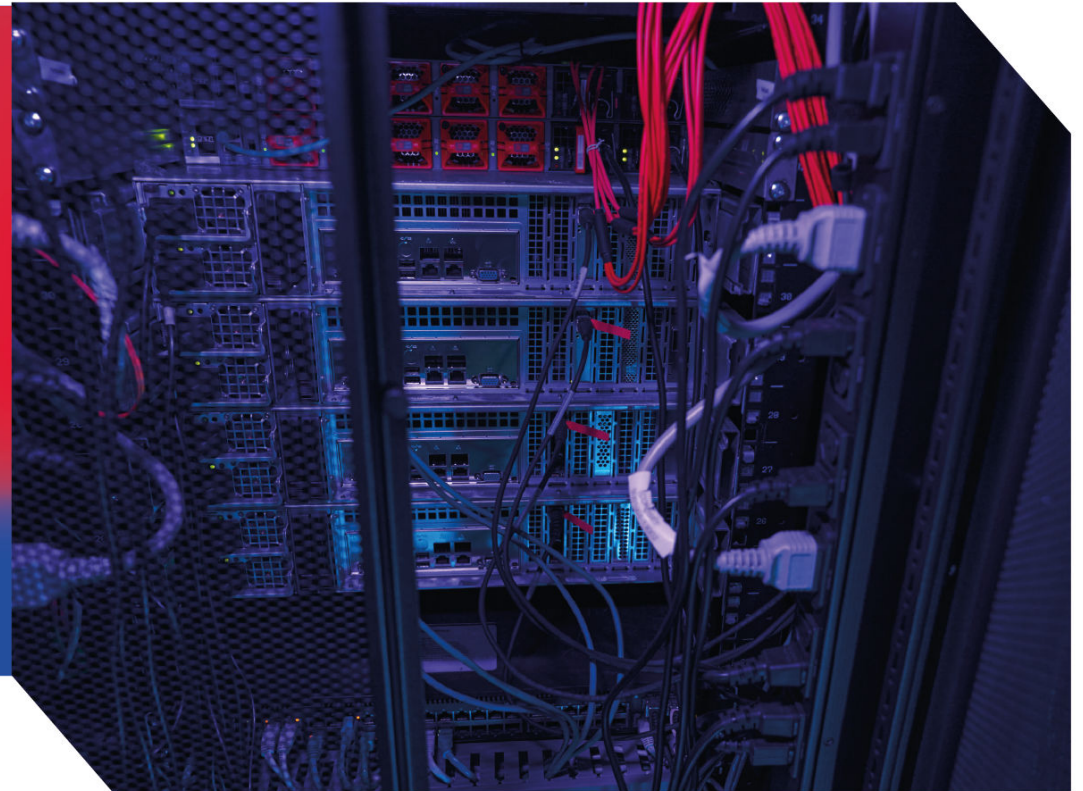


The founders of RosNIIROS ANCO are Kurchatov Institute RDE and Roskomnadzor



# About RosNIIROS

The Russian Scientific Research Institute for Public Network Development (RosNIIROS ANCO) is the organisation that originated the Russian segment of the Internet



## Today, RosNIIROS ANCO provides:

- .SU ccTLD Registry
- The largest Local Internet Registry (LIR)
- IPv4 and IPv6 protocol IP address blocks and LIR sponsorship of PI addresses
- Registration and maintenance of AS (autonomous systems) numbers
- Partner technical support

# LIR

## Local Internet Registry

RosNIIROS ANCO leases IPv4 and IPv6 address blocks with registration according to RIPE NCC policies



### We offer

- LIR sponsorship for PI addresses and Autonomous System Numbers (ASN)
- Leasing blocks of IP addresses, supporting and consulting the partners
- Over 500 companies use IP addresses from RosNIIROS ANCO
- About 100 research and education centres and public sector organisations receive services under special conditions



Among our clients are Russia's largest technological, financial, IT, scientific, educational and governmental organisations.

# .SU

## Registry of the first national top-level domain

- Since 1993, RosNIIROS has been the registry for the .SU TLD, which is part of the national domain zone of the Russian Federation
- .SU zone hosts many high-quality Internet resources, providing stable and successful operations for companies and individuals
- Today, .SU is going through another phase of development, generating new interest among businesses and webmasters

The screenshot displays the Whois website interface. At the top, there is a search bar with the text "Enter Domain or IP" and a "WHOIS" button. Below this is a navigation menu with links for DOMAINS, WEBSITE, CLOUD, HOSTING, SERVERS, EMAIL, SECURITY, WHOIS, and SUPPORT, along with a LOGIN button and a shopping cart icon. The main banner features the text "Every Great Idea Starts with a Great Domain Name" and a search bar with the placeholder "Find a great domain name" and a "SEARCH" button. The "Domain Information" section for ripn.su is shown below, including details on the registrar, registration dates, status, and name servers. The "Registrant Contact" section identifies the organization as the Russian Institute for Public Networks. The "Raw Whois Data" section provides the underlying text-based whois information.

Domain Information	
Domain:	ripn.su
Registrar:	RUCENTER-SU
Registered On:	2003-06-26
Expires On:	2023-06-25
Status:	REGISTERED,DELEGATED
Name Servers:	ns1.he.net, ns2.afraid.org, ns2.he.net, ns3.he.net, ns4.he.net, ns4-12.nic.ru, ns5.he.net, ns8-12.nic.ru, s221179.hostiman.com.

Registrant Contact	
Organization:	Russian Institute for Public Networks

```

Raw Whois Data
% TCI Whois Service. Terms of use:
% https://tcinet.ru/documents/whois_ru_rf.pdf (in Russian)
% https://tcinet.ru/documents/whois_su.pdf (in Russian)
in: RIPN-SU
ns: ns1.he.net,
ns2.afraid.org,
ns2.he.net.
    
```

# Benefits of .SU domain

## More opportunities to create an attractive name

.SU makes it easy to find a striking and memorable address for your company website



## IDN multilingual domain registration

You can name websites in both Latin and Cyrillic characters



## Resource safety

.SU domain is part of the national domain zone of the Russian Federation and is well protected



## Russian law

Protection from scammers  
Implementing DNSSEC support minimises the possibility of attacks involving IP spoofing



## Comfortable registration terms

Registration in .SU is available from major registrars and the process is as simple as possible



# Benefits of multilingual IDN domains

## Even more domain names

Option to create memorable addresses in Latin, Cyrillic and other formats

## Coverage of foreign audiences

Launch websites targeting foreign regions with an address in alphabetic characters:



• of Latin



• of Armenian



• of Georgian



• of Arabian



• of Greek



• of Hebrew

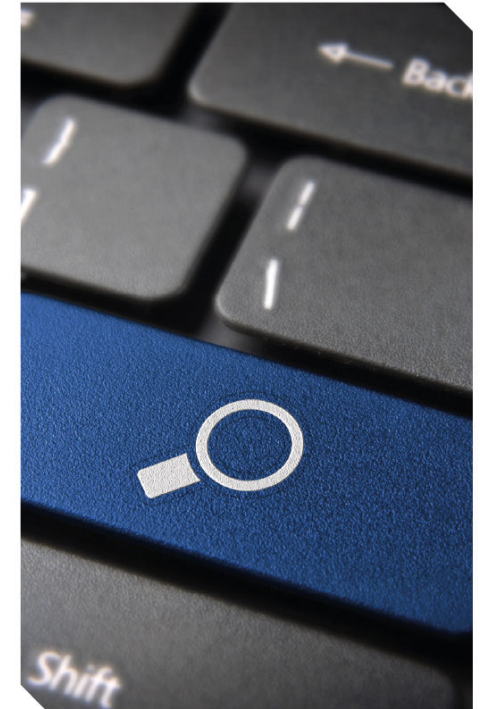
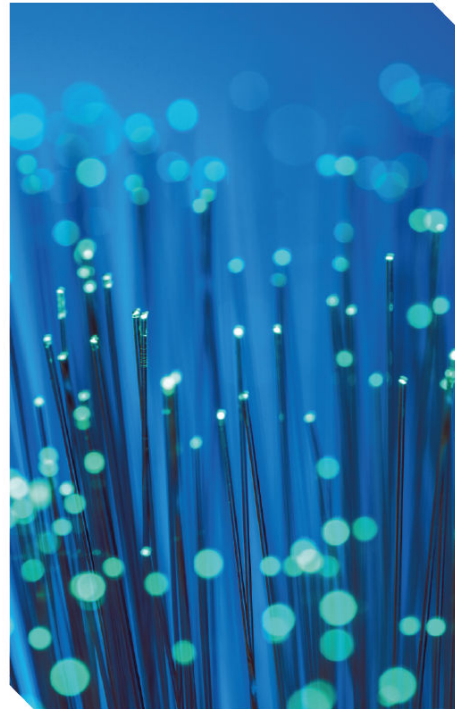
• and additional Cyrillic characters for Serbian, Bulgarian, Ukrainian, etc.



## Coverage of Russian-speaking diasporas

Cyrillic domain names in the .SU zone are convenient for websites targeting a Russian-speaking audience abroad

# Benefits of Cyrillic domain names in the .SU zone



**1 Remembered better**

Russian-speaking users find it easier to remember the website name in their native language

**2 Well conveyed verbally**

Names in Russian are easier to hear

**3 May reflect trademarks**

Effective product protection in the electronic marketplace against unfair competition

**4 May contain queries**

Keywords for promotion can be inserted directly into the URL



## Steady interest in .SU zone



Statistics show that active registrations in the domain zone will only increase in the coming years

**22 ths.**

- of new domains registered in 2022

**106 ths.**

- of domains registered in .SU

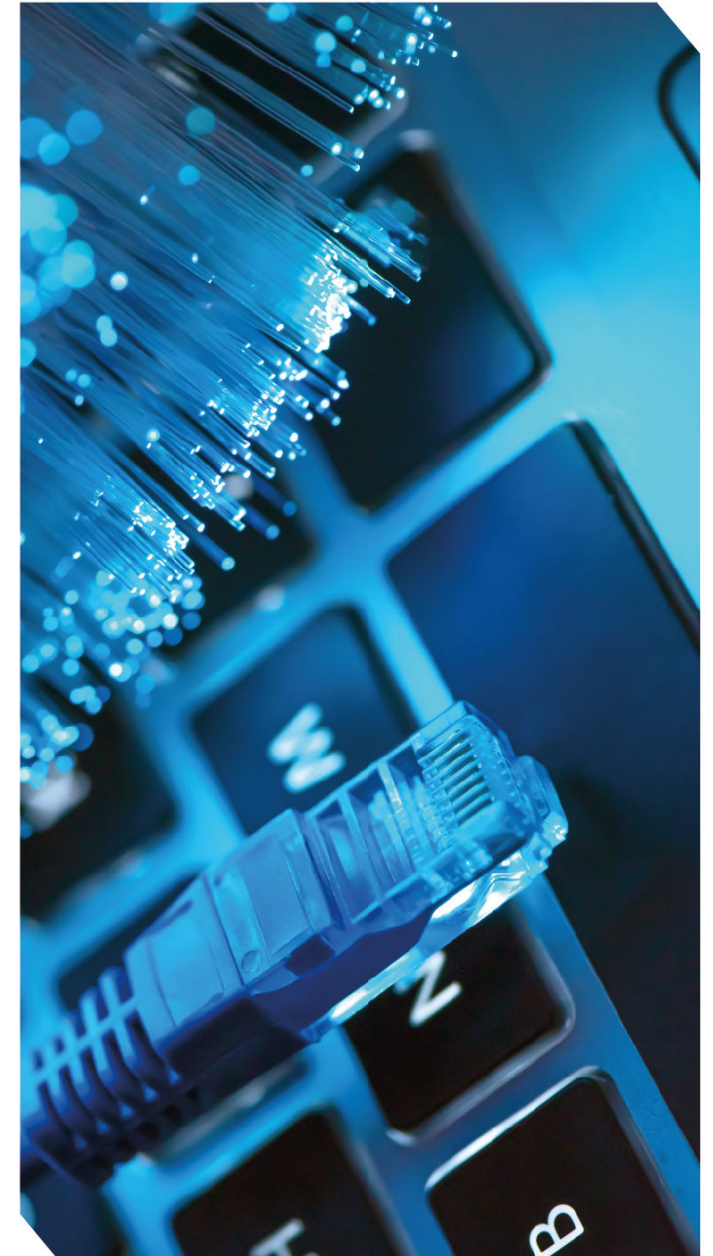
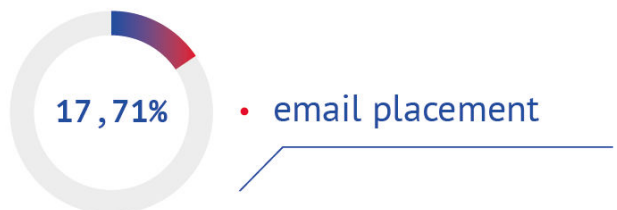


**.SU domains are actively used for:**

- website addressing
- redirections
- domain parking  
(domain name reservation)
- email services

# Use of .SU domains

Many companies and individuals have been using our domain zone for years, successfully attracting a wide audience.

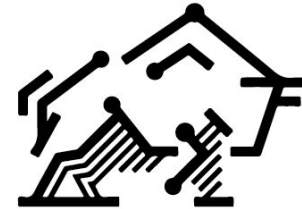


# Cybersecurity in the domain zone

.SU zone is part of Russia's national domain infrastructure. Its high level of security is ensured by recognised expert organisations:



kaspersky



**BI.ZONE**  
Cybersecurity

## That ensures:

- Identifying resources with illegal content
- Gathering information
  - about phishing incidents
  - unauthorised access to resources
  - distribution of malware from domain names
- Termination of offending sites in the .SU zone

## RosNIIROS offers

- The largest business domain registry in .SU
- Easy and convenient domain registration
- Reliable local Internet registry (LIR)
- Comfortable terms without additional charge for IPv4 and IPv6 addresses leasing

**We invite partnerships  
and guarantee a high  
level of technological  
and advisory support**

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