Telenor – IP Application Form
For Global IP Transit customers

Information:

This IP application form is for "Provider Aggregatable" (PA) addresses, assigned by Telenor.
NB! Please note that IP addresses are allocated under the condition that they are returned when the customer's relationship with Telenor ends.

Telenor offers public IP addresses to those who are connected to Internet through Telenor, or those who plan to get connected through Telenor.

All communication with RIPE NCC must be in English.

Rules and regulations:

RIPE NCC is the organization that administrates the IP addresses in Europe, and Telenor is bound by RIPE NCC's rules and regulations. Telenor is therefore obliged to register and maintain the database information on those who are given public IP addresses. Telenor is also responsible for evaluating and approving every IP range assigned that is smaller than 2048 addresses.

All assignments and allocations must be registered in the RIPE Database. This is necessary to ensure uniqueness and to support network operations. Only allocations and assignments registered in the RIPE Database are considered valid. Registration of objects in the database is the final step in making an allocation or assignment. Registration data (range, contact information, status etc.) must be correct at all times (i.e. they have to be maintained, and the customer needs to inform Telenor if this information changes). IP addresses are assigned by Internet registries all over the world according to the same rules and regulations.

Please note that the information of the assigned IP net, administrative and technical contact will be public information, available on Internet in the RIPE NCC's database. If you feel you require bogus information in RIPE NCC's database (like a police department working with Internet surveillance or similar), DO NOT write bogus information in this IP application, but send a written statement on the company/organization's official paper, explaining why this is needed.

The assigned IP addresses can only be used by those connected through Telenor. In case of misuse or termination of the contracts with Telenor, the IP addresses must be returned. Telenor can, if needed, change assigned addresses, or take back an IP range, or parts of an IP range, if the conditions changes in such a way that the assigned IP addresses are no longer needed. As a customer of Telenor, you are obliged to return IP addresses that are no longer in use. You are also obliged to inform Telenor if your contact information changes.

For internal use

Date: ___ / ___ - _____   Customer name: _____

IP-net given: _____

IP-net assigned by: _____
                        (Signature of Telenor technician)

APPLICATION

Tell us whether the requested IP addresses are for permanent or temporary use. No temporary address-assignment may exceed 3 months. If temporary, please fill in the return date.

We apply for: ☐ Permanent ☐ Temporary

Addresses will be returned no later than: ___ / ___ - _____

Company Information: (* Mandatory, use capital letters)

*Company name:	
*Organization number:	
*Address:	
*Zip code / City:	
*Phone number:	
Fax number:	

Administrative Contact Information:
The administrative contact must be an employee of the company. (* Mandatory, use capital letters)

*Full name:	
Department / section:	
*Address:	
*Zip code / City:	
*Phone number:	
Fax number:	
*Email address:	

Technical Contact Information:

The technical contact can be the same person as the administrative contact, another employee of the same company (most wanted), or a hired IT consultant or similar. (* Mandatory, use capital letters)

*Company name:	
*Organization number:	
Department / section:	
*Full name:	
*Address:	
*Zip code / City:	
*Phone number:	
Fax number:	
*Email address:	

TECHNICAL PART

The servers/computers that need public IP addresses are those that need to be available from the Internet, and servers/computers that use some sort of authentication based on IP address. Servers like this include webservers, ftpservers, mailservers, etc.

In an internal network, the network often consists of mainly private addresses that use NAT (Network Address Translation) to be able to reach the Internet. The private IP ranges are:

10.0.0.0 –   10.255.255.255   (10.0.0.0/8 prefix)
172.16.0.0   –   172.31.255.255   (172.16.0.0/12 prefix)
192.168.0.0   –   192.168.255.255   (192.168.0.0/16 prefix)

For small companies and organizations, the need is usually 8 or 16 IP addresses. For large companies the need can be several thousand. The IP address-spaces that can be given are as follow:

Bits	Decimal	IP address-space	Hosts
/30	255.255.255.252	4	2
/29	255.255.255.248	8	6
/28	255.255.255.240	16	14
/27	255.255.255.224	32	30
/26	255.255.255.192	64	62
/25	255.255.255.128	128	126
/24	255.255.255.0	256	254
/23	255.255.254.0	512	510
/22	255.255.252.2	1024	1022
/21	255.255.248.0	2048	2046

Requested IP address-space: - Mandatory

Please fill in how many IP addresses you need today and in three months. 25% of the requested address-space must be used immediately. 50% must be in use within the two months.

Any assigned IP address-space today (from both Telenor and others):	

How many units do you have in your network:	
Number of IP addresses needed today:	
Number of IP addresses needed in three months:	
Number of segments needed today:	
Number of segments needed in three months:	

Addressing plan for requested IP addresses:

This section is only mandatory if the plan is to use more than one segment.

Describe how you plan to use the IP addresses. Also include earlier assigned addresses if you have any. With segments, we mean how the IP addresses are distributed in your network. See example below.

Segment	Subnet mask	Today	3 monts	Total	Comments

Example/guide:

A C-net contains 256 addresses. The C-net can be divided into address ranges of 4, 8, 16, 32, 64, 128 and 256.

Segment	Subnet mask	Today	3 monts	Total	Comments
					Example 1
0–63 /26	255.255.255.192	15	38	64	Salesdept.
64–95 /27	255.255.255.224	5	25	32	Invoice dept.
96–127 /27	255.255.255.224	4	26	32	Administration
128-255 /25	255.255.255.128	45	112	128	Shop
Total		39	201	254	
					Example 2
194.143.6.0	255.255.255.192	30	55	64	Office

Network Description: – Mandatory

Please describe what your network looks like today. (The number of computers, servers, printers, routers, etc. Which servers/computers have need of public addresses and so on).

We request that this part is filled in carefully and descriptive. The more information supplied, the easier it will be to evaluate the request.

Note: If the information is not sufficiently descriptive, the application will be denied.

Please expand this field if more space is needed.

Answer:

Network plan:

This section is only required if you plan to expand your network within the first three months.

Please describe how your network will look in the near future.

Expand this field if more space is needed.

Answer:

Have you attached a network diagram to this request?   ☐ **Yes**   ☐ **No**

I confirm that I have read the rules and regulations, and the information given above is correct.

Date: ___ / ___ – _____   Signature: _____