

ViPNet OFFICE: head office to branch office

Step 3: To configure the second ViPNet Coordinator B, please, select *Private Network* in left section of ViPNet Coordinator Monitor window. In the right section you have to find the name of the first ViPNet Coordinator A which is listed among network nodes of your VPN. Please, double-click on it and in the window that appears select the *Firewall* tab. Fill in IP address field with the IP address of NAT-Appliance from Head Office. After that, please, change settings in the same way you already did for the first Coordinator A. Please, choose *Settings* in the left section of ViPNet Coordinator Monitor window and activate the option *Use Firewall* in the right section. New fields will be accessible below. From the list of network adapters, please, select the adapter that is used to connect ViPNet Coordinator to NAT-Appliance. In the *Firewall Type* field, please, choose option *With static NAT*. On the top of the *Settings* window you can find field *Port*. Please, fill in this field with port number that you use for configuring NAT-Appliance to redirect incoming/outgoing UDP traffic (by default 55777). The *Tunneling* button may be used to determine IP addresses of the local PCs with no ViPNet software installed, traffic from which you may want to tunnel and encrypt. Again, choose the first Coordinator A from the list of network nodes in the *Private Network* window and check connection with it by clicking the mouse right button and choosing *Check Connection* function in the context menu, or F5.

Step 2: To configure Head Office ViPNet Coordinator, please, choose *Settings* in the left section of ViPNet Coordinator Monitor window and activate the option *Use Firewall* in the right section. New fields will be accessible below. From the list of network adapters, please, select the adapter that is used to connect ViPNet Coordinator to NAT-Appliance. In the *Firewall Type* field, please, choose option *With static NAT*. On the top of the *Settings* window you can find field *Port*. Please, fill in this field with port number that you use for configuring NAT-Appliance to redirect incoming/outgoing UDP traffic (by default 55777). The *Tunneling* button may be used to determine IP addresses of the local PCs with no ViPNet software installed, traffic from which you may want to tunnel and encrypt.

Step 1: It is recommended this NAT-Appliance to have static IP address. If it does not, user may ask vendor for more detailed information. This NAT device or software should have following rules to redirect incoming and outgoing UDP traffic of ViPNet Coordinator:

- allow all outgoing UDP traffic by port 55777 (or port that you define manually for this kind of traffic at Coordinator)
- allow all incoming UDP traffic to port 55777 and redirect it to IP address of ViPNet Coordinator, which is staying behind this NAT device or another PC with NAT functioning software installed.

Step 4: To configure ViPNet Client you have to open Monitor program's window by clicking the ViPNet icon in the system tray. After that, please, select *Private Network* in the left section of the window that appears. Double-click on the name of a local Coordinator which is listed among network nodes of your Demo. New window will be opened. Please, select *Firewall* tab and add the internal IP address of your local ViPNet Coordinator. Instead of IP address you can use DNS name. Activate *Use DNS name* field in *IP addresses* tab and fill in the DNS name of your local ViPNet Coordinator. After that, please, select *Settings* in the left section of your ViPNet Monitor window and you will see your local ViPNet Coordinator in the right section. You have to activate *Use Firewall* option and define Firewall type as *ViPNet coordinator*. Again, choose Coordinator from the list in *Private Network* window and check connection with it by clicking the mouse right button and choosing *Check Connection* function in the context menu, or F5.

Local ViPNet Client should be linked to local Coordinator in the same way as ViPNet Client in the Head Office.

