

Protected remote administration / maintenance



ViPNet-VPN Software is ideal to protect connections for the purpose of remote-administration/maintenance work, independent of which manufacturer's utility you have chosen. **ViPNet**-Software collaborates directly with the drivers of the network interface cards on the 3rd layer of OSI, encrypting the whole TCP/IP-Traffic. This kind of technology makes **ViPNET**-Software absolutely transparent for all Remote-Administration-Software, and further more for any Network-Software. The mode of operation of your application doesn't change after **ViPNET-VPN** has been installed, but the whole data-traffic between the **ViPNET-VPN**-objects will be encrypted.

ViPNET-VPN-software has to be installed on both sides – on the administrating computer and on the remotely maintained and managed workstation. For this purpose, as well the **ViPNET**[Client] software, as the [Coordinator]-Software can be used.

Besides pure 256-bit communication-encryption, **ViPNET**-software also features additional protection by the use of authentication features: with every **Client-to-Client**-connection, the verification of the symmetric keys is processed between the **ViPNET**-objects. That allows the access on a computer with **ViPNET**-software, only if it is also installed on the calling computer and if the connection is permitted by the VPN-administrator.

If necessary, it is also possible, that external computers, which are not included in the **ViPNET-VPN**, can get access to the **ViPNET**-object, which is operated by remote control. For this purpose it is necessary, to configure the integrated Firewall of ViPNet accordingly.

Thanks to the use of the Infotecs proprietary virtual IP-addresses, **ViPNET**-software also enables remotely operating computers, which are located behind **Proxy**- and **NAT**-devices. IP-addresses of these computers are not reachable or "pingable" from the outside while remote management is being processed. This fact guarantees that during and as long as the ViPNet software is active these computers cannot be compromised by hackers, spied on by unauthorized persons etc.