VPN (Virtual Private Network) on Windows 7

Creating a VPN Connection to use the Intranet-Sites at Home

What exactly is VPN?

With VPN, Virtual Private Network, you can build up a safe connection with the intranet of the institute, from home or while in transit. This technology makes it possible for you to access the intranet via the Internet (http://intern.mpifg.de). This means it is possible to get all information normally accessible through the institute from home as well (like the Photo Directory, the Computing Services Help Desk and the licensed Online Databases of the library).

NEW: for connections with the new intranet through SharePoint you do not need a VPN connection anymore! To use it, simply enter intern.mpifg.de in Internet Explorer. For other SharePoint pages please use sharepoint.mpifg.de or computing.mpifg.de for the internal IT sites.

At the moment it is not possible to get your personal data from My Documents as well. WebDAV can be used for this purpose.

To enable the VPN connection, a private data tunnel between the external participant and the protected network is established.

An access is only possible with the correct address and password, so that the connection offers the same security and functions as a private network. VPN provides the user with a virtual IP address from which encoded data packages are sent via the Internet to the VPN server, which is able to decode and use them.

How to configure a VPN Connection?

You can easily establish a VPN connection with the server of the institute on your computer by creating a new connection, if you have administrator rights on your computer. As a prerequisite you need to be connected to the internet through a provider. Proceed as follows:

1. Click on one of these network symbols in the lower right hand corner of your task bar, depending on which connection you have:

2. Click on “Open Network and Sharing Center” in the opened window.

3. Click on “Set up a new Connection” in the middle of your next window.

4. Choose “Connect to a workplace” and choose “Next”.

5. Now click on “Use my Internet Connection (VPN)”.

6. Now please enter the following server address: vpn.mpifg.de
   As a name for the connection you can use MPIfG VPN, for example.

   ![Connect to a Workplace](image)
   Set a checkmark on “Don’t connect now, just set it up so I can connect later” and click on next.

7. Enter your username and password and enter MPIfG as domain.
8. As soon as you receive the message that your connection is ready, you can click on Close.

9. Click on your network symbol again (see Step 1).

10. The VPN you just created is now at the top of the list. Click on it. A button with the name “Connect” should appear, click on it to proceed.

11. In the following dialog you will see your user data, which you just entered. Click on Properties below.

12. Click on the tab “Networking” in the next window. Choose “Internet Protocol Version 4 (TCP/IPv4)” from the list and click on “Properties”.

13. Choose “Use the following DNS server addresses” and enter these addresses:
   Preferred DNS server: 192.124.250.13
   Alternate DNS server: 134.76.10.46

14. Click on “Advanced”.

15. Click on the “DNS” tab in the following window. Enter mpifg.de as “DNS-Suffix”.

16. Close all windows except for the connection window with one click on OK.

17. Now you can connect to the institute. Enter your password and click on “Connect”.

   You can use all Intranet-services of the institute, just like being at your workplace, as soon as you are connected.

   To close the connection click the desktop shortcut with the right mouse button and choose Disconnect in the list. You can reconnect again at any time.

Contact Persons
If you have any questions concerning your Computer please contact our Help Desk (room 114, tel. -168), or send an email to computing@mpifg.de