WLAN for Employees with Windows 7

WLAN-Connection with the MPIfG-Users Network

Introduction

The MPIfG offers a wireless Network for employees and Guests. We use various networks for various audiences, to design the security and the functional range at its best.

All employees (user identification code) have the possibility to use the “MPIfG-Users” Network. This network offers encrypted access to the internet, the Intranet sites and our printers. It is possible to access the home- or project-drives over the WebDAV (separate instructions).

The reconnection will be automatically without any further actions, after you entered the access codes once.

Basic Configurations (only once)

1. Click on the WLAN-symbol in the right corner of the lower half from your monitor screen. There will appear a window with a list of accessible wireless networks.

2. Click on “open Network and Sharing Center” and then on “Manage Wireless Networks”. If there appears a network called “MPIfG-Users” in your list, mark it with your mouse cursor, do a right-click and select “Properties”.

You can skip STEP 3 from this Introduction and check your options for the following register. You will find the parameters that you need in STEP 4

3. If the MPIfG-Users – Network won’t show up on your display, select “Add...” to add the network manually.

Image 1: add a network manually.

4. Both cases will open a new window. For the adjustments of a new wireless network, please insert the values shown in the image below and confirm with “next”.

   - Network name: MPIfG-Users
   - Security type: WPA2-Enterprise
   - Encryption type: AES

Image 2: Adjust with these values.

5. The adjustments of the MPIfG-Users network will be temporarily confirmed. For more required information you can click on “Change connection settings”.


6. Check in the register connection, if the adjustment “Connect automatically when this network is in range” is activated.


- Security type: **WPA2-Enterprise**
- Encryption type: **AES**
- Choose a network authentication method: Microsoft: **Protected EAP (PEAP)**
- Remember my credentials for this connection each time I’m logged on: **activate**

8. Go to the Settings (next to the authentication method).

- Validate server certificate: **deactivate** (no checkmarks)
- Enable Identity Privacy: **deactivate**
9. After you have reached the settings, click on the button “Configure…” and deactivate the following option:

- Automatically use my Windows logon name and password: **deactivate (no checkmark)**

10. Now you close all four windows with one click on the current “OK”-Button. The basic configurations are now completed and it should not be necessary to edit this again.

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**Summary of the Adjustments**

- **Network Name (SSID):** MPIfG_Users
- **Authentication Type:** WPA2-Enterprise
- **Encryption Type:** AES
- **Authentication Method:** EAP-MSCHAPv2

The secure connection with the WLAN will now be established. The process will be completed at the minute your status is shown as “Connected”.

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**Connect to the WLAN**

This part is about the Connection to the radio (wireless) network. These following steps will be repeated with each connection.

1. Like in the beginning of the configurations, you should open your list of the available WLANs by clicking on the symbol next to the watch. The connection will be established with a double click on the network “MPIfG_Users”. Windows Security will ask for your “User-code”, please enter your Username and password here.

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**Contact Persons**

If you have any questions concerning your Computer please contact our Help Desk (room 114, tel. -138), or send an email to computing@mpifg.de