Wireless Network refers to any type of computer network that is wireless, and is commonly associated with a telecommunications network whose interconnections between nodes is implemented without the use of wires. Particularly, Wi-Fi is the most commonly used wireless network in computer systems to enable connection to the internet or other devices that have Wi-Fi functionalities.

USEK Wireless Network is available free to staff, students and invited guests, and offers a way to access online resources from wireless at any location on the USEK (Kaslik campus).

There are two wireless services available; UsekWifi and UsekGuest.

- **UsekGuest**: enables invited guests to access the Internet.
- **Usekwifi**: enables user to access the USEK intranet, access the Internet and use online information resources.

Where to obtain a username and password?

The appropriate connection for a certain user trying to access USEK wireless network depends on his role within the University. Users who are eligible to use UsekWifi are members of USEK domain (or usek.edu.lb), so they already have their username and password. However, USEK guests have to contact the Network Team to get their credentials that are valid for a limited period of time (period dependent on the case).

How to connect to USEK Wireless Network?

**UsekGuest**

Connection to UsekGuest can be established simply by choosing it and clicking Connect. Once connected, please open your browser and enter the credentials provided by the USEK Network and Security Division.

**Usekwifi**

Connection to Usekwifi slightly differs from an Operating System to another. Please find below the required steps permitting the access to Usekwifi on Windows 7, Windows Vista and Windows XP computers.
A. Windows 7

1. On your taskbar, click on the wireless network icon, then choose Usekwifi and click Connect.

![Click 'Connect'](image1)

2. In the Windows Security prompt, enter your *username* and *password* in the usek.edu.lb domain.

![Enter your credentials and Press OK](image2)

3. In the Windows Security Alert prompt, click on Connect.

![Press Connect](image3)
B. Windows Vista

1. On your taskbar, right click on the Network Connections icon and then select Connect to a Network.

2. Referred to table 1 above, select your appropriate Wireless Connection. (UsekGuest or Usekwifi) and then click on the Connect button.
3. Click on *Enter/select additional log on information* in the obtained window.

![Enter/select additional log on information window](image)

5. Press **OK** to exit the *Enter Credentials* window.

4. When getting the *Enter Credentials* window, Usekwifi user enters his username, password and **USEK** domain.

![Enter Credentials window](image)
6. Press OK to approve the correct certificate and be able to establish the connection.

7. Finally, the last window indicates that the connection to Usekwifi is successfully established. Check the two checkboxes to avoid repeating the same procedure each time you desire to be connected to USEK Wireless Network, then press the Close button to close the Window.
C. Windows XP

1. To start, enable the wireless network connection: go to start, control panel, Network connections, right click the Wireless Network connection icon and select Enable.

2. After enabling the wireless network connection, the wireless network icon must appear at the laptop system tray. Right click this icon and select View Available Wireless Networks.

3. Choose Usekwifi connection.
4. In the **Wireless Network Connection Properties** window, choose **Wireless Networks**.

5. In the **Preferred Networks** Panel, click the **Add** button.
6. In the *Wireless network Properties*, enter the *Network name (SSID)* as *Usekwifi*. Then in the *Network Authentication* list, choose *WPA*, and, as *Data encryption*, select *TKIP*. Then approve your input by pressing the *OK* button.

*Click Add button*

*Enter UsekWifi*

*Choose WPA*

*Choose TKIP*

*Press OK*
7. Click on Authentication Tab; choose Protected EAP (PEAP) as EAP type. Then, press Properties.

8. In the Protected EAP Properties window, press the Configure button.

9. Uncheck the Automatically use my Windows logon name ....and then press OK.
10. After step 13, close all windows. Click on Wireless Network Connection message above the wireless icon in your task bar.

15 Uncheck this checkbox

16 Press OK

17 Click here
11. When getting the Enter Credentials window, UsekWifi user enters his username and password. Then, press OK.

12. Click on the Wireless Network Connection message obtained again.

18

Enter your credentials and Press OK

19

Click here
13. Press OK to approve the correct certificate and complete the connection procedure.

D. Other Cases

Please find below the Usekwifi settings for handhelds and other mobile systems:

<table>
<thead>
<tr>
<th>Settings</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network name</td>
<td>Usekwifi</td>
</tr>
<tr>
<td>Getting IP Address</td>
<td>DHCP</td>
</tr>
<tr>
<td>Network Authentication</td>
<td>WPA</td>
</tr>
<tr>
<td>Data Encryption</td>
<td>TKIP</td>
</tr>
<tr>
<td>EAP Type</td>
<td>Protected EAP (PEAP)</td>
</tr>
<tr>
<td>Authentication Method</td>
<td>Secured password (EAP –MSCHAP v2)</td>
</tr>
<tr>
<td>Certificate</td>
<td>Equifax Secure Certificate Authority</td>
</tr>
</tbody>
</table>

Support References
For any needed support, feel free to contact us:

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