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# 1 What is Hot Spots ?

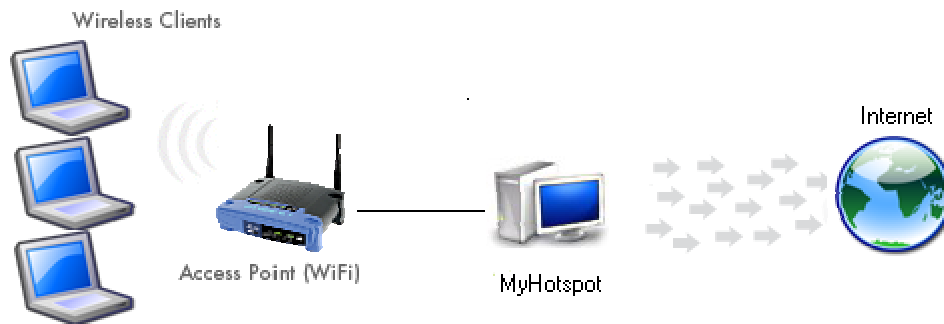
A hotspot is a place where computers with the ability for wireless connections can connect to the Internet. Hotspots typically use Wi-Fi technology. Hot spots can be found in some public areas, sometimes for free. Some local libraries, coffee shops, and restaurants now offer hotspots.

## 2 Introduction

Give your customers the flexibility and extra mobility with Wireless Internet Access

MyHotspot is a professional Wireless LAN software solution for providing internet access to your customers. Customers will be redirected to your login page to authenticate with user account or a prepaid-code before getting the Internet access. The software controls download, upload, data transfer, time usage, visited pages. MyHotSpot Billing software runs on your Windows PC, controls unlimited user or prepaid-code accounts, and displays data to customers on your self-branded pages.

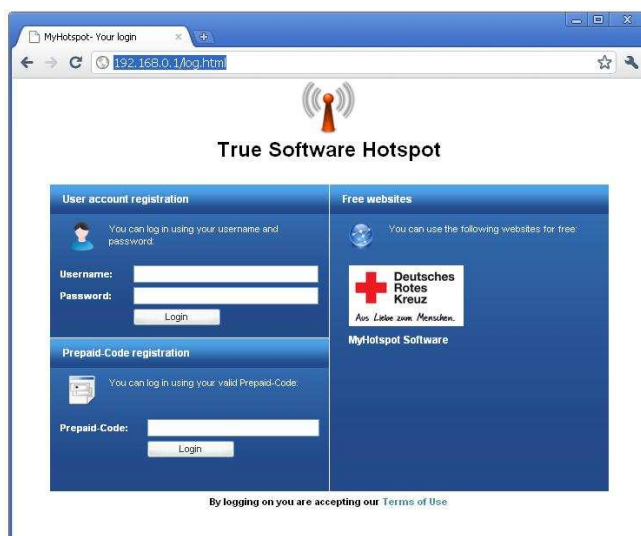
MyHotspot billing software is the definitive tool for managing your public WIFI-HotSpot in internet cafes, shoos, hotels, bistros or gaming cafe / game center.



## 3 How it works this Hotspot system?

### 3.1.. Login page

When a customer connects to your network and type any website address, login page will be displayed in browser and prompted to authenticate with user or code-account.



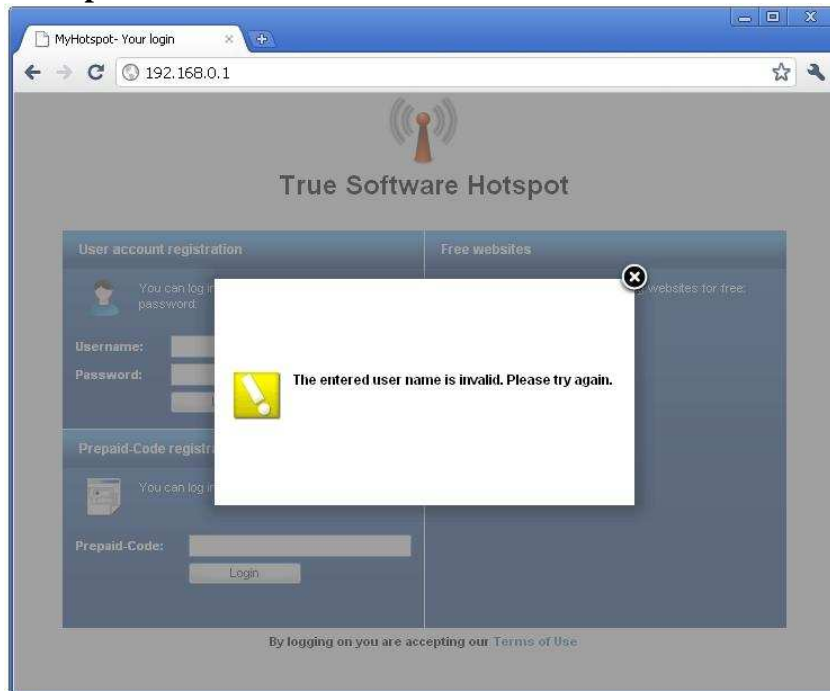
### 3.2.. Free Websites

MyHotspot software gives you ability to specify free Websites your users will be able to open without authentication.

### 3.3 Error dialog

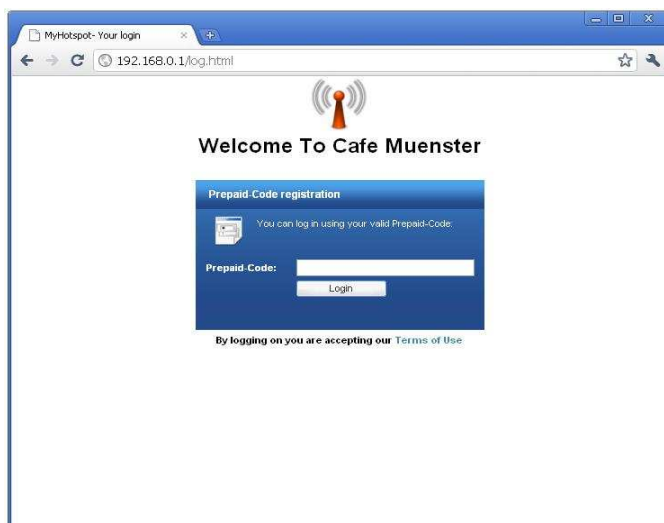
The Error dialog will be automatically displayed by entering a invalid data, expired or disabled account.

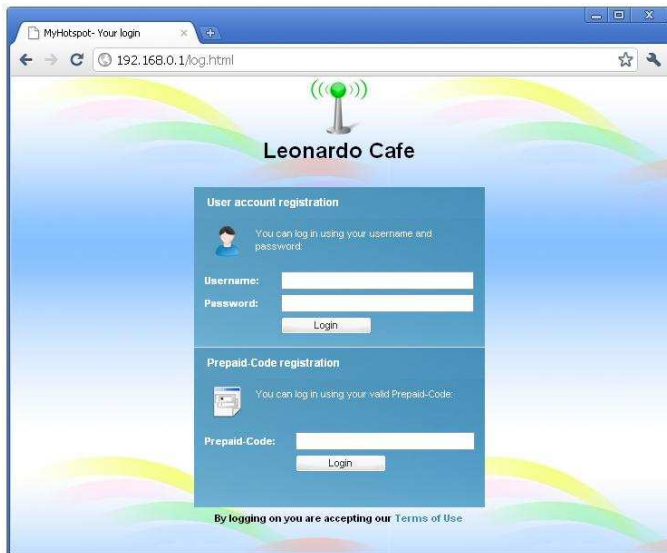
#### Example: Invalid user name



### 3.4.. Layout/Design and access Customization

You can use the configurationmanager of MyHotspot to change the design and access of the login page. You can use this option for example to display your company logo.





### 3.5.. Successful Login

If the customer entered correct details, login would be granted. Infobox is useful as it keeps a customer informed about the current balance and remaining time.



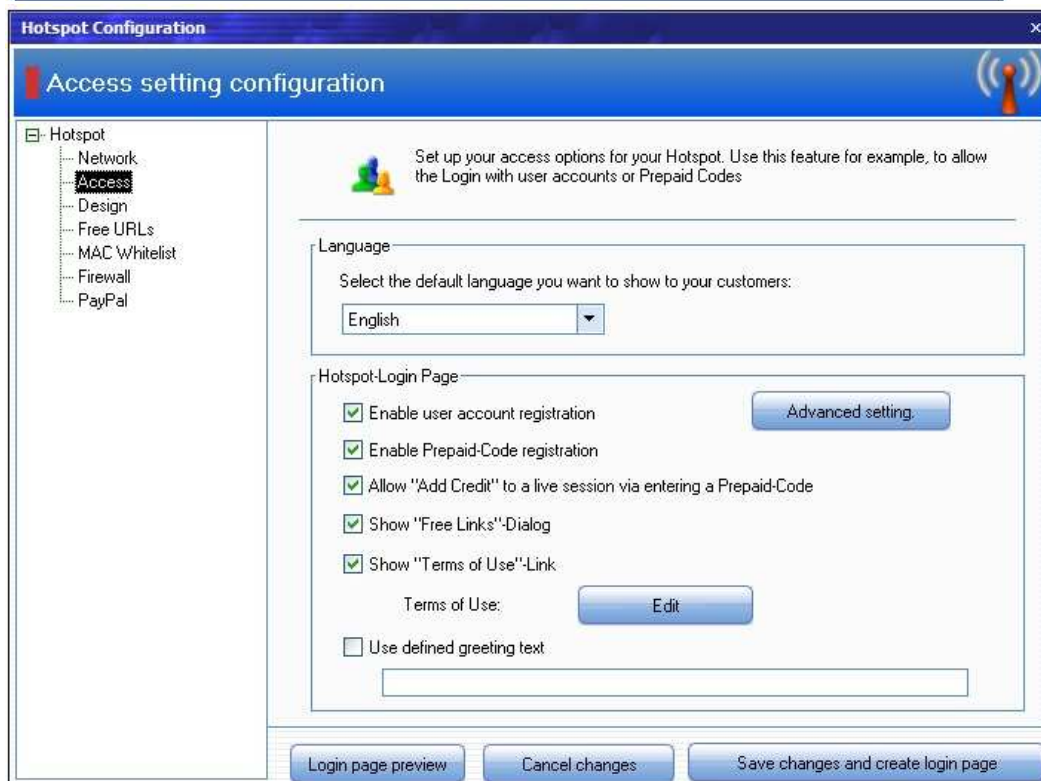
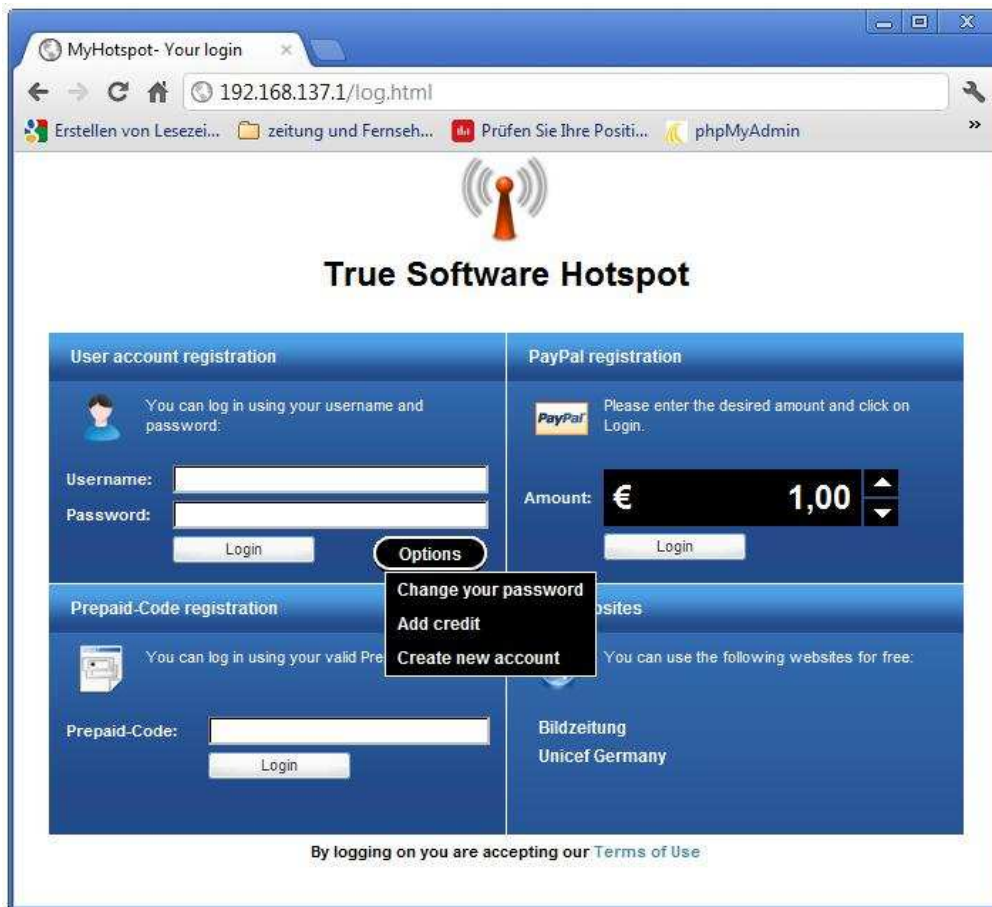


### 3.6 Logout

HotSpot user will be logged out automatically when time expires, by clicking on Logout button, or automatically by any Internet activity in the specified time.



### 3.7 Advanced options for user login



### Advanced setting for registration with user accounts

**Guest Login.**  
The guest account allow the unlimited and simultaneous login of multiple users (for Example: your Employees) on your Internet-Hotspot.

Enable guest-login

Guest Username:

Guest Password:

**"Options"-Button**

Allow "Change User Password"

Allow "Add Credit to user account" via entering a Prepaid-Code


Allow "Create a new user account"

### 3.7.1 Add Credit

MyHotspot- Add Credit

192.168.137.1/addmoney.html

Erstellen von Lesezei... zeitung und Fernseh... Prüfen Sie Ihre Positi... phpMyAdmin

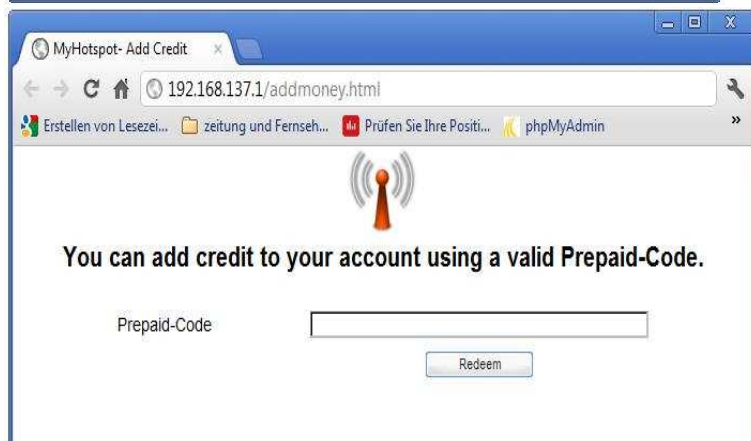
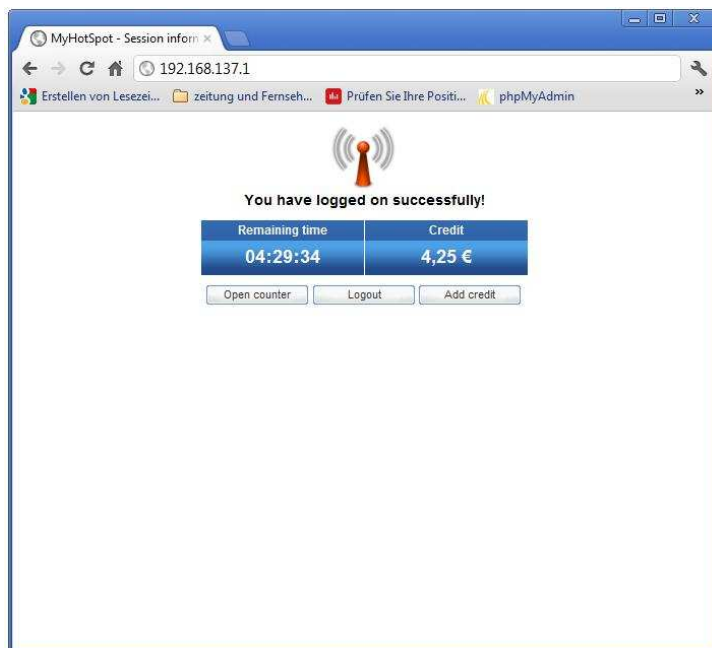


**You can add credit to your account using a valid Prepaid-Code.**

User name


Password

Prepaid-Code



Customers can add a new credit by entering a valid prepaid code.

### 3.7.2 Create a new user account



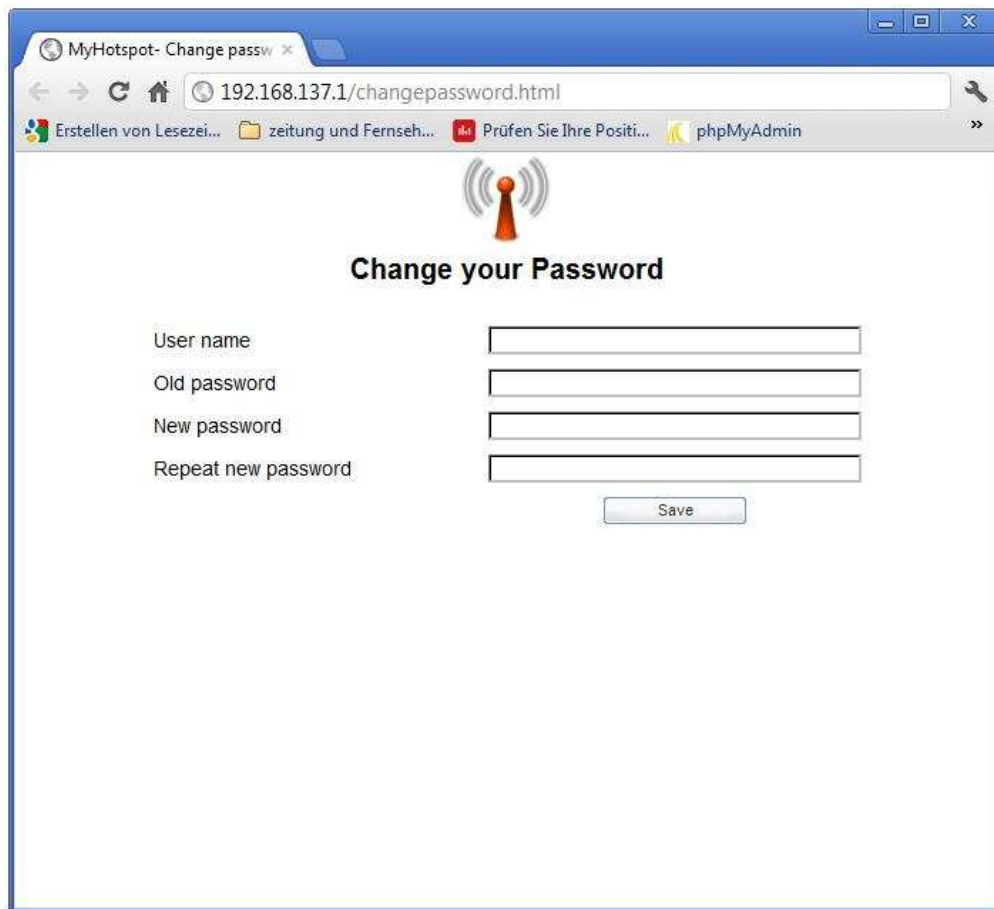
The screenshot shows a web browser window titled "MyHotspot- New Account". The address bar contains "192.168.137.1/createaccount.html". The browser's tab bar shows several tabs, including "Erstellen von Lesezei...", "zeitung und Fernseh...", "Prüfen Sie Ihre Positi...", and "phpMyAdmin". The main content area features a wireless signal icon and the heading "Create new account". Below the heading is a form with the following fields:

- User name
- Password
- Repeat password
- First name
- Last name
- E-Mail
- Street/No
- Zip/City: (with two adjacent input boxes)

A "Save" button is located at the bottom of the form.

Customer can set up a new user account. This is depending on the server-setting

### 3.7.3 Change User Password



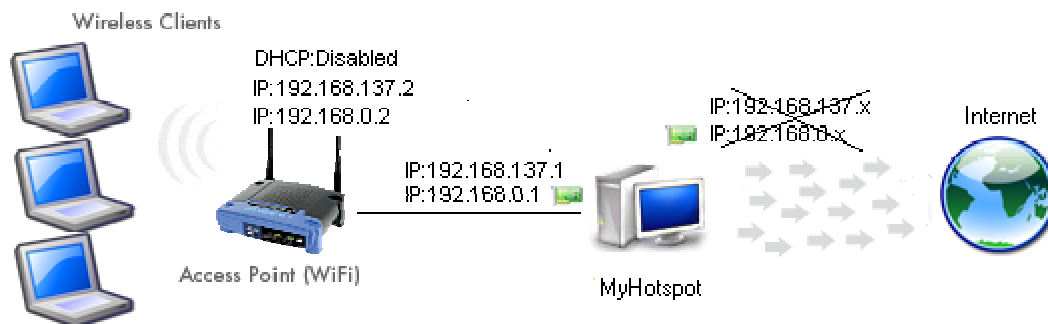
User can change password. This is depending on the server-setting

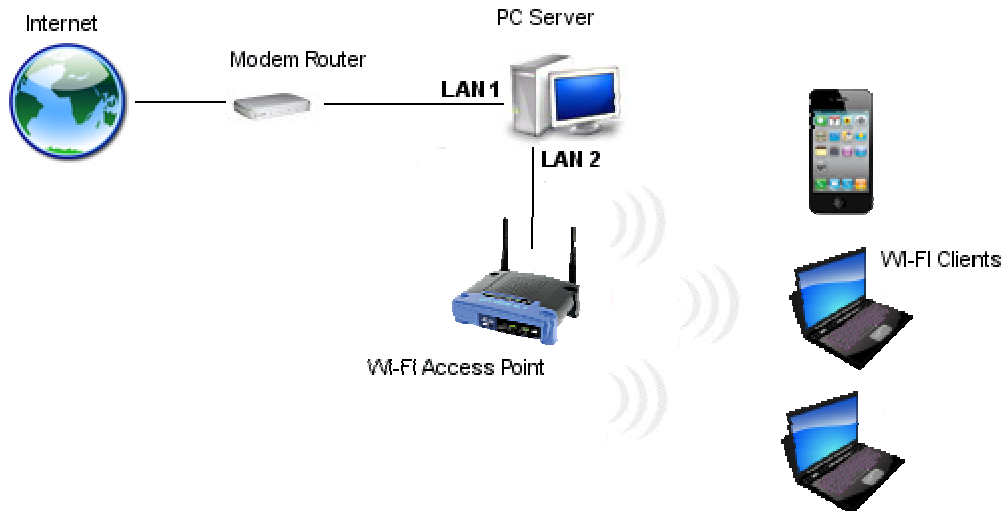
## 4 System Requirements

Windows XP/Vista/7

Pentium III, 256 MB RAM

## 5 Installation





### Multiple components and functions are required:

- Standard PC computer, running Windows OS (XP/Vista/7).
- 2 Network cards (USB or Ethernet network card).
- 2 network cables.
- Wi-Fi access point or router.
- Working internet connection.

### Hardware installation:

- Connect the first network card to the Internet and make sure that the Internet connection is working on your computer, and the IP assigned to this network card is not "192.168.0.x" and not "192.168.137.x".
- Connect the second network card to **LAN port (not to WAN port)** of your wireless access point or wireless router.



- Configuration of the Wireless Access Point:
  - You will also have to specify a static IP address of the LAN port of your Wireless access point. You'll need to http in to your access point and assign the new IP address

"192.168.0.2" by XP/Vista or "192.168.137.2" by Win7.

### Example for NETGEAR-WLAN-Router:

**LAN IP Setup**

**LAN TCP/IP Setup**

IP Address: 192 . 168 . 0 . 2

IP Subnet Mask: 255 . 255 . 255 . 0

RIP Direction: None

RIP Version: Disabled

Use Router as DHCP Server

Starting IP Address: 192 . 168 . 0 . 2

Ending IP Address: 192 . 168 . 0 . 51

**Address Reservation**

#	IP Address	Device Name	Mac Address
---	------------	-------------	-------------

Add Edit Delete

Apply Cancel

◦Subnet mask: 255.255.255.0

◦If you use a wireless router make sure to disable DHCP-Server. You'll need to http in to your wireless router and manually disable the DHCP-Server.

### Example for NETGEAR-WLAN-Router:

**LAN IP Setup**

**LAN TCP/IP Setup**

IP Address: 192 . 168 . 0 . 2

IP Subnet Mask: 255 . 255 . 255 . 0

RIP Direction: None

RIP Version: Disabled

Use Router as DHCP Server

Starting IP Address: 192 . 168 . 0 . 2

Ending IP Address: 192 . 168 . 0 . 51

**Address Reservation**

#	IP Address	Device Name	Mac Address
---	------------	-------------	-------------

Add Edit Delete

Apply Cancel

- Disable the wireless security for your router or access point.

### Example for NETGEAR-WLAN-Router:

[Guest Network Settings b/g/n](#)

**Wireless Settings - Profile 1**

Enable Guest Network

Enable SSID Broadcast

Allow Guest to access MY Local Network

Guest Wireless Network Name (SSID):

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**Security Options - Profile 1**

None

WEP

WPA-PSK [TKIP]

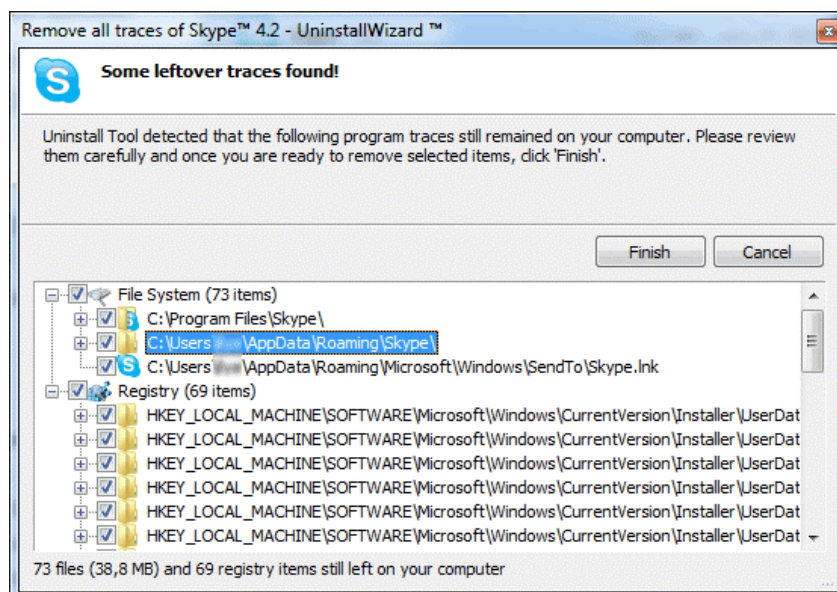
WPA2-PSK [AES]

WPA-PSK [TKIP] + WPA2-PSK [AES]

WPA/WPA2 Enterprise

### Software installation:

- Please make sure to remove the program SKYPE "skype.exe" from your computer. this program use the port 80.

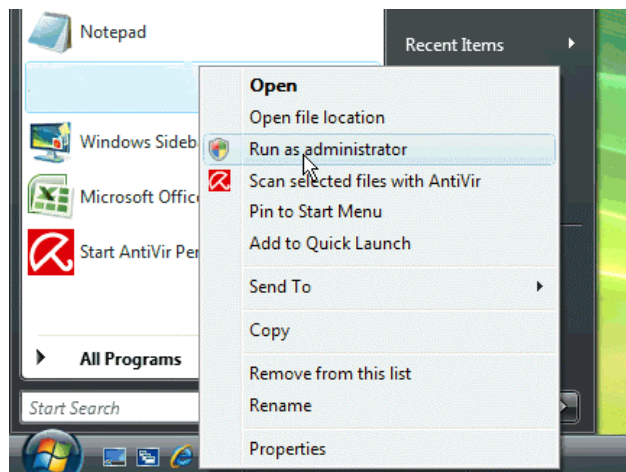


- Start the setup file on your windows PC to Install Myhotspot software.
- During the installation process, a prompt may appear asking if the driver should be installed even though it is not verified. Click:
  - "Continue Anyway" by Windowx XP.

- "Install this driver software anyway" by Windows Vista/7..



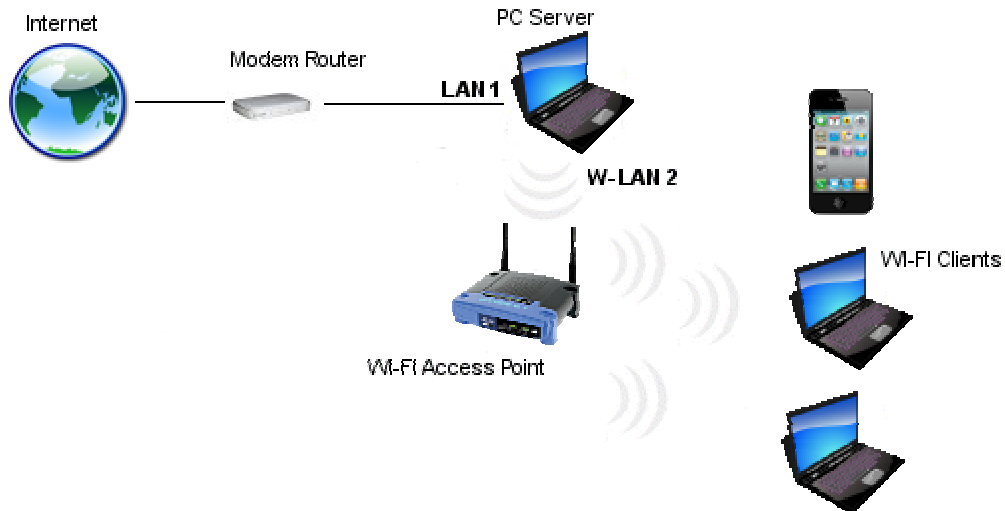
- The Internet Connection Sharing (ICS) must be enabled During the installation process. The network wizard will be launched.
- You must restart your computer after installing MyHotspot.
- If you use Windows Vista/7 make sure to run MyHotspot with administrator rights. Right click on the program, and click on "Run as administrator".



MyCyberCafe will automatically be added to the exemption list of the firewall . If this did not work , you will have to allow TCP-Port-Address 80 and "MyCyberCafe.exe " application.

### **Installation example 2:**

Turn your Laptop into a Mobile Wi-Fi Hotspot:





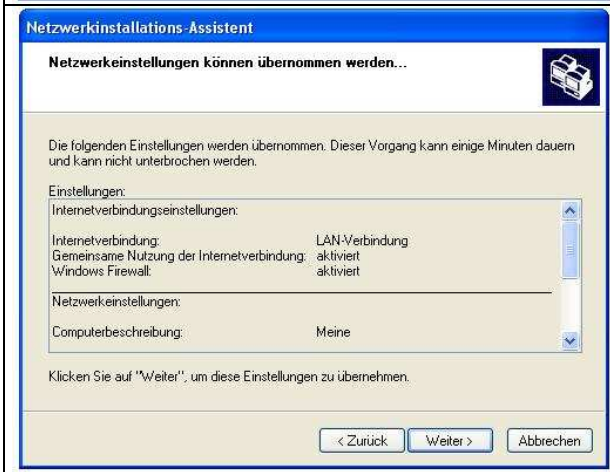
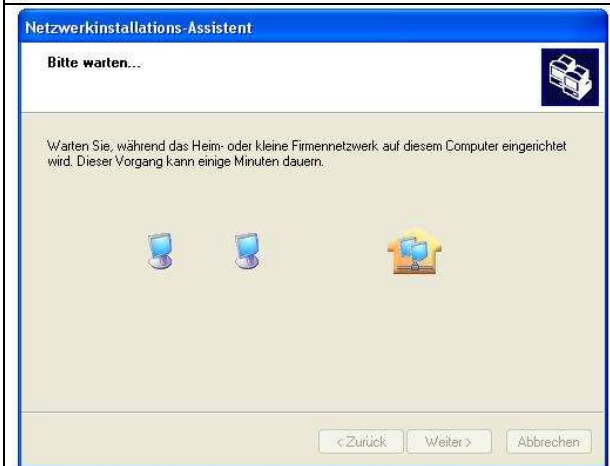
You need to replace your LAN2-Ethernet connection with a W-LAN connection.

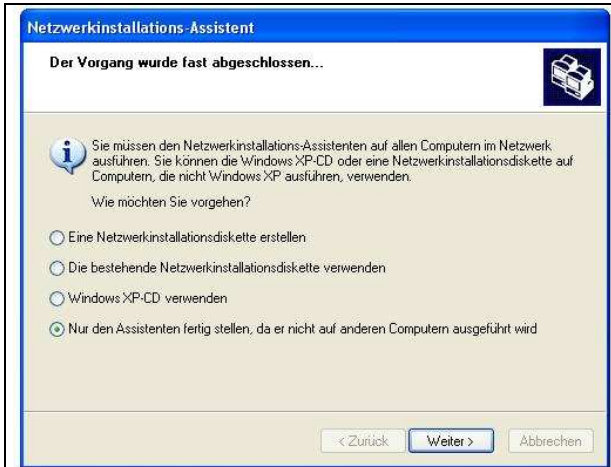

## 6 ICS - Server Setup Using the Network Setup Wizard

Start the Network Setup Wizard. After completing each step, click Next to continue on to the next one. If you make a mistake or want to review the setup, click Back to return to the previous screen. To exit from the Wizard without completing the network setup, click Cancel.

	<p>Click "Next"</p>
--	---------------------

	<p>Click "Next"</p>
	<p>Specify "This computer connects directly to the Internet", and click "Next"</p>
	<p>Select the local area connection that will share the Internet connection, and click "Next"</p>
	<p>Enter a computer description and computer name, and click "Next"</p>

	<p>Click "Next"</p>
	<p>Click "Next"</p>
	<p>The Wizard displays the settings that you've made. Scroll down the list to see all of them. Click "Next"</p>
	<p>The Wizard then configures the computer's network settings. The process may appear to stop for a time, but let it continue to completion.</p>

	<p>Select „Just finish the wizard; I don’t need..“, and click “Next”</p>
	<p>When the configuration is complete, the Wizard's Completion screen appears. Click Finish to exit.</p>

The IP assigned to Network card which are connected to your WiFi access point is "192.168.0.1" by Win XP/Vista or "192.168.137.1" by Win7 after installing ICS

## 7 MyHotspot

The screenshot shows the MyHotSpot (Administrator) window. At the top, there is a menu bar with 'Current Shift', 'Edit', 'Action', 'Statistics', and 'Help'. Below the menu bar is a toolbar with icons for a terminal, a person, and a shopping basket labeled 'Cash sales'. The main area contains a table with the following columns: MAC, Start, Duration, State, and Credit. The table lists several active sessions with their respective MAC addresses, start times, durations, states (User or Code), and credit amounts.

MAC	Start	Duration	State	Credit
00-E0-52-75-D1-B1	21:00:41	04:11:53	User:messi	4,00 €
20-CF-30-94-BD-08	20:50:41	01:46:53	User:cristiano	1,75 €
00-11-5B-96-AB-62	18:10:41	23:59:59	User:rooney	7,00 €
00-14-78-7C-06-45	21:02:41	01:13:53	Code:2w77ek37v2	1,00 €
00-90-F5-9E-06-14	21:03:41	01:29:53	Code:5f034663oy	1,25 €
48-5B-39-98-4D-D7	21:04:41	01:30:53	Code:414v4q2ntq	1,50 €
12-E0-77-7D-76-CA	21:09:41	01:35:53	Code:2gw1q4x871	1,50 €

The user device will automatically be added under device list in MyHotspot Manager after successful authentication. Right-click the device to call up the context menu.

### 7.1 Toolbar

	Use this function to add an amount to a terminal
	Use this function to end the internet session currently running on the terminal
	You can use the Cash Sale option in the software, to sell an item directly to a customer. The order window will open. Select the item you wish to sell and click on "Book".
	Back to general overview
	In the main overview you can switch from the General Overview to the Logging Overview

## 7.2 Menu functions

### 7.2.1 Menu item "Current Shift"

#### 7.2.1.1 Change personal

Use this function to log off from the server.

#### 7.2.1.2 Close

Use this function to close MyHotspot

### 7.2.2 Menu item "Edit"

#### 7.2.2.1 User Accounts

User name	Name	Balance	Account overdrafts
cristiano	Cristiano Ronaldo	-0,10 €	-100,00 €
messi	Lionel Messi	5,15 €	Unlimited
rooney	Wayne Rooney	93,50 €	0,00 €
casillas	Iker Casillas	11,30 €	0,00 €
ronaldinho	Gaúcho Ronaldinho	10,00 €	0,00 €
thierry_henry	Thierry Henry	0,00 €	0,00 €
Buffon	Gianluigi Buffon	0,00 €	0,00 €
Gerrard	Steven Gerrard	10,00 €	0,00 €

#### 7.2.2.1.1 User Account List

	Account is Offline.
	Account is Online.
	Activated account.
	Disabled account.
	Expired account
Credit	The currently balance on user account..
Account Overdrafts	Amount of the approved overdraft limits.

Create new account	You can create a new user account.
Edit account	Edit the selected user account.
Delete account	Delete the selected user account.

Deposit money	Add an amount to the selected user account.
Item sales	Add items to the selected user account.
Disable account	Disable/enable the selected user account
Account history	Access the account history for the selected user account
Transaction overview	Access the transaction overview for the selected user account

### 7.2.2.2 Prepaid-Codes

#### 7.2.2.2.1 Code Account List

	Account is Offline
	Account is Online
	Activated account
	Disabled account
	Expired account
Prepaid-Code	Prepaid-Code. Description
Credit	The currently balance on code account.
Sold	Prepaid code is sold.

Create code list	Create a new code list.
Delete code list	Delete the currently code list
Export code list	Export the currently code list
Print code list	Print the currently code list
Edit Code	Edit the selected prepaid-code
Delete Code	Delete the selected prepaid-code

Sell Code	Sold the selected prepaid-code
Enable/Disable Code	Enable/disable the selected prepaid-code
Account history	Access the account history for the selected code account
Transaction overview	Access the transaction overview for the selected code account

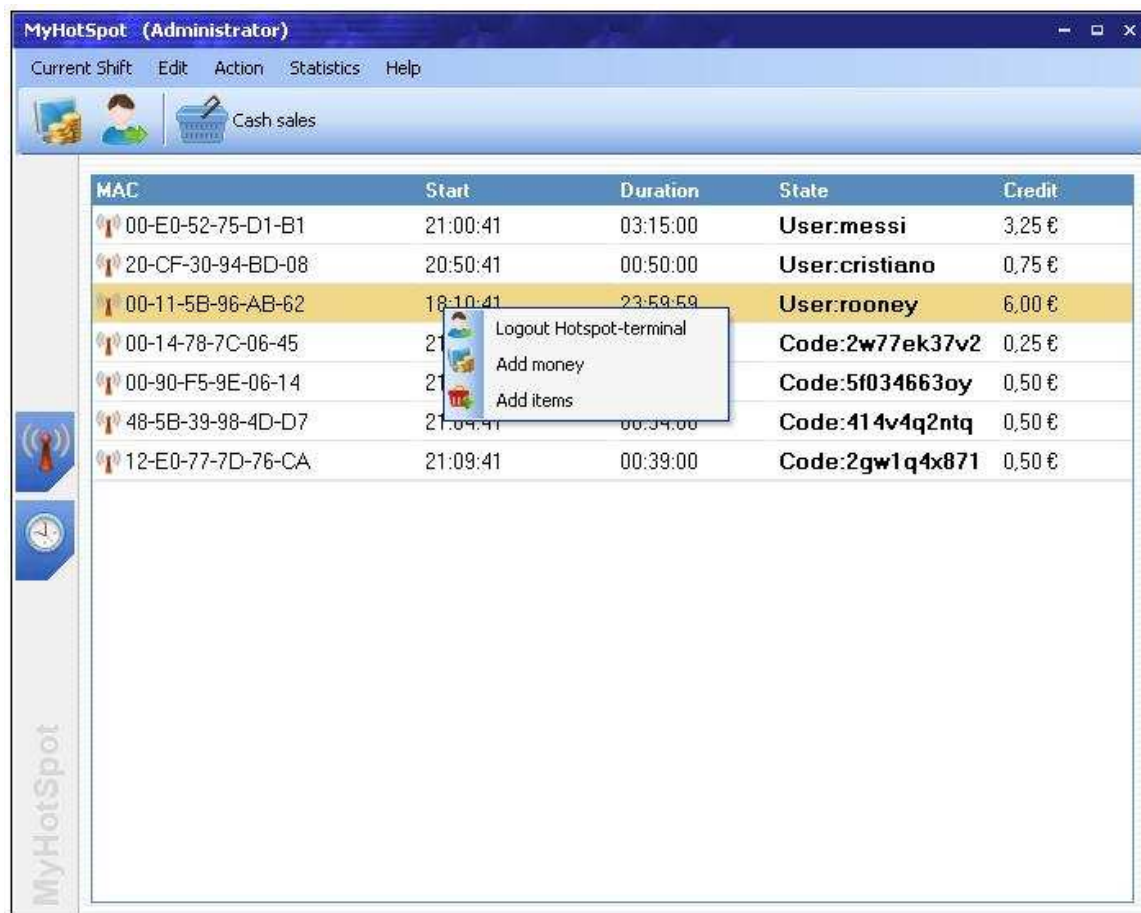
### 7.2.3 Menu item "Action"

**Create user account:** Use this function to create a new user account.

**Logout selected Hotspot-terminals:** Use this function to end the internet session currently running on selected terminals.

**Logout all Hotspot-terminals:** Use this function to end the internet session currently running on all terminals

## 7.3 Terminal Context Menu (Right Click)



Logout Hotspot-terminal	Use this function to end the internet session currently running on the selected terminal.
Add money	Use this function to add an amount to a selected terminal
Add items	Use this function to sold an item to a selected terminal.