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1 What is Hot Spots ?

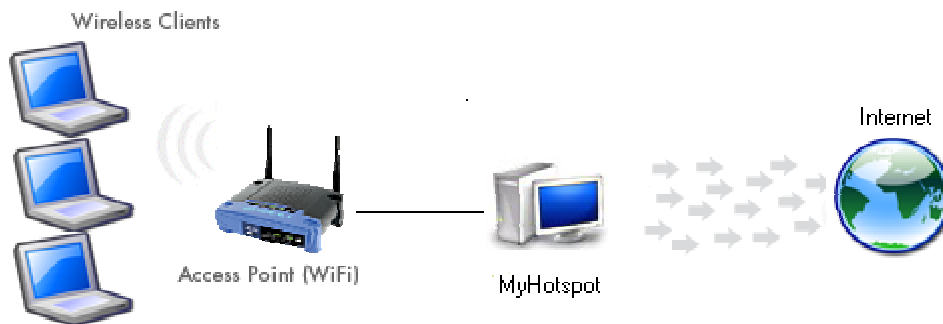
A hotspot is any location where Wi-Fi Internet access (sometimes for free) is made publicly available. You can often find hotspots in some public areas, coffee shops, and restaurants.

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.

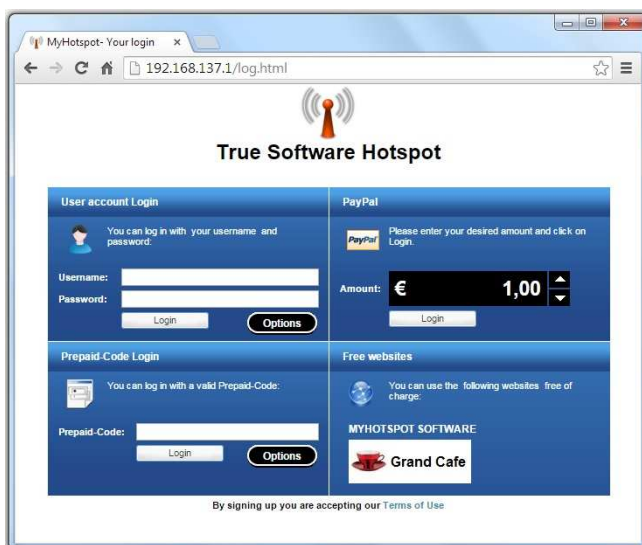
MyHotspot billing software is the definitive tool for managing your public WIFI-HotSpot in internet cafes, schools, hotels, bistros or gaming cafe / game center.



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.



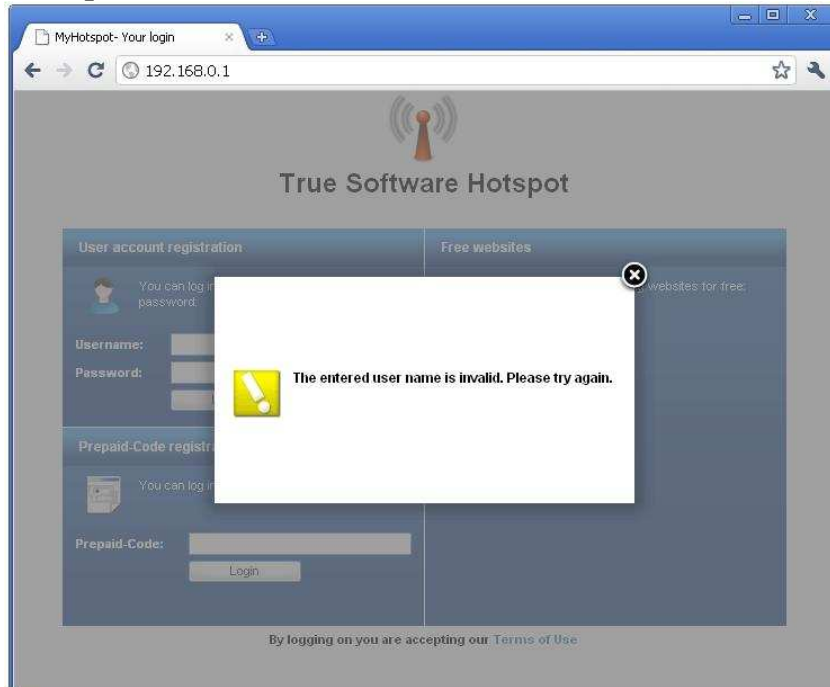
3.2.. Free Websites

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

3.3 Error dialog

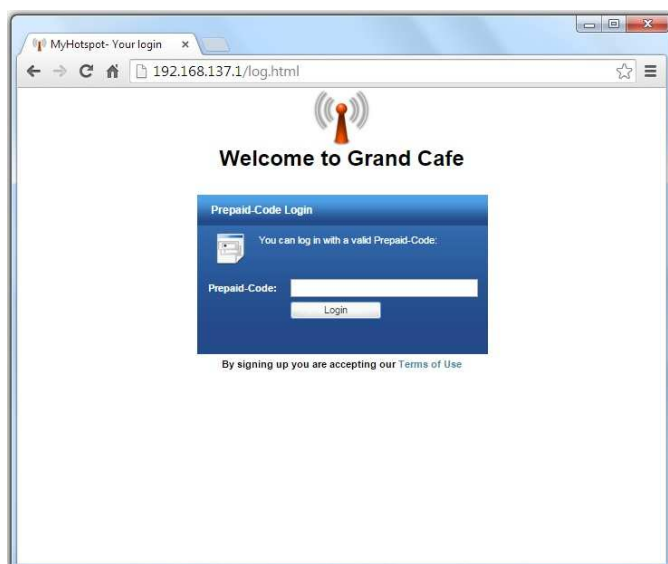
The Error dialog will be automatically displayed by entering a invalid data, expired or disabled account.

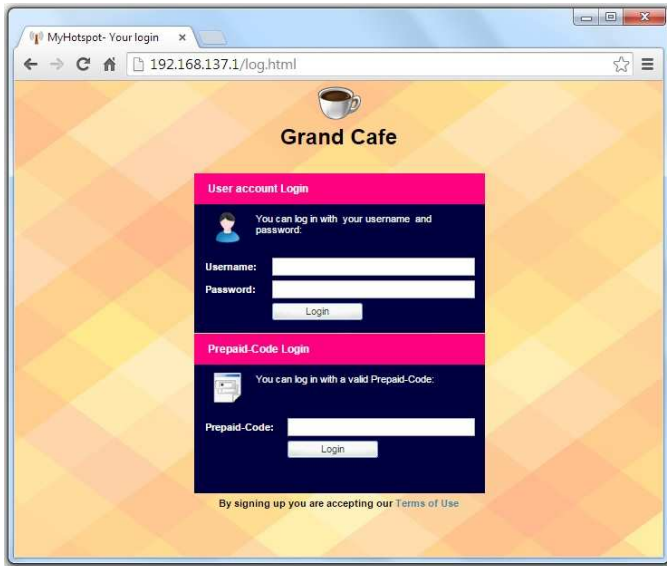
Example: Invalid user name



3.4.. Layout/Design and access Customization

You can use the configuration manager 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.



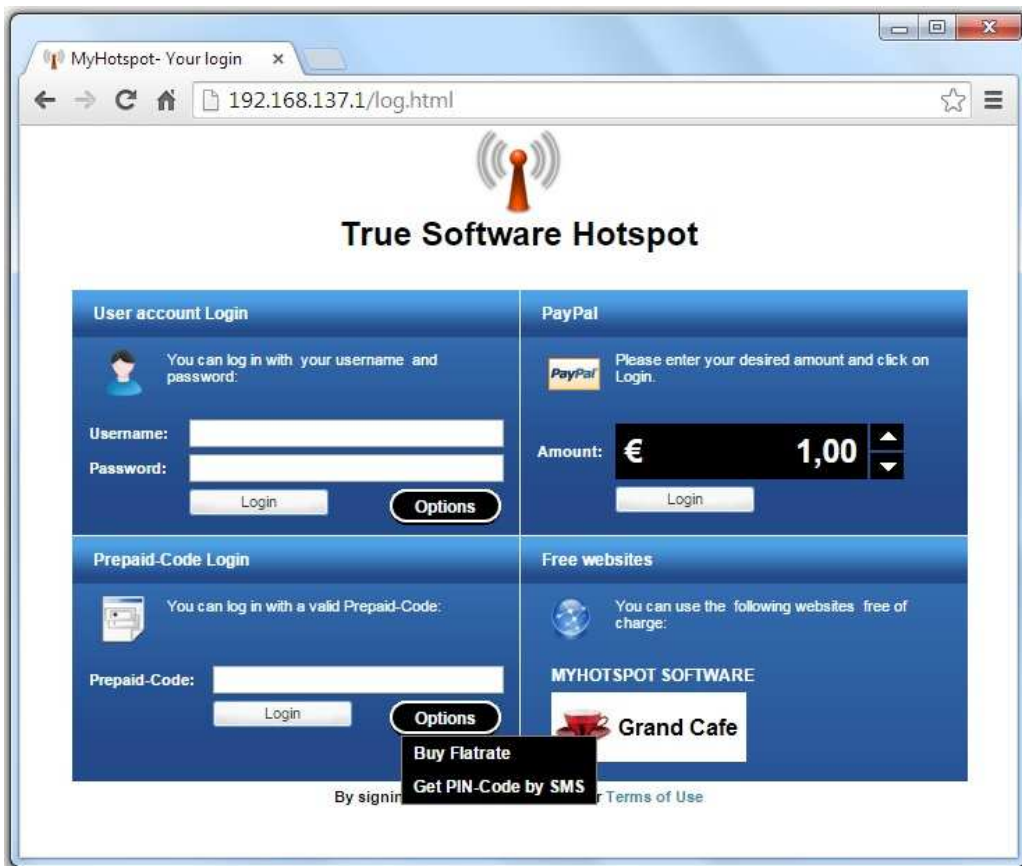
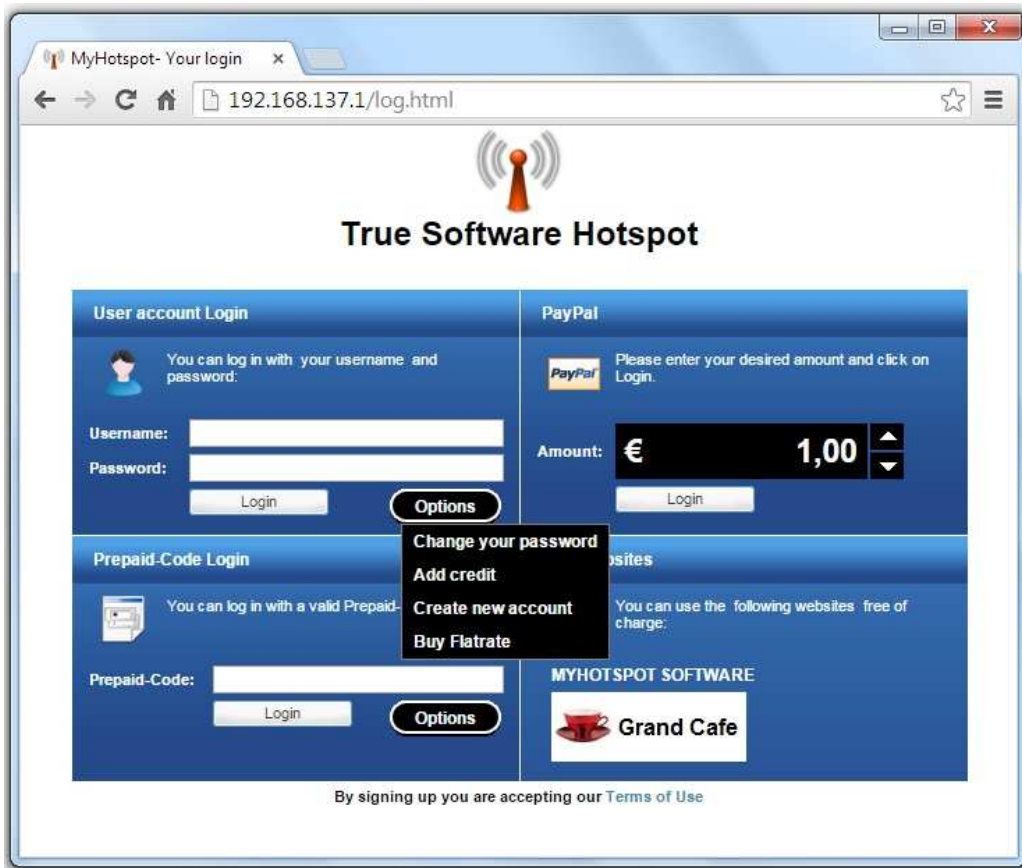


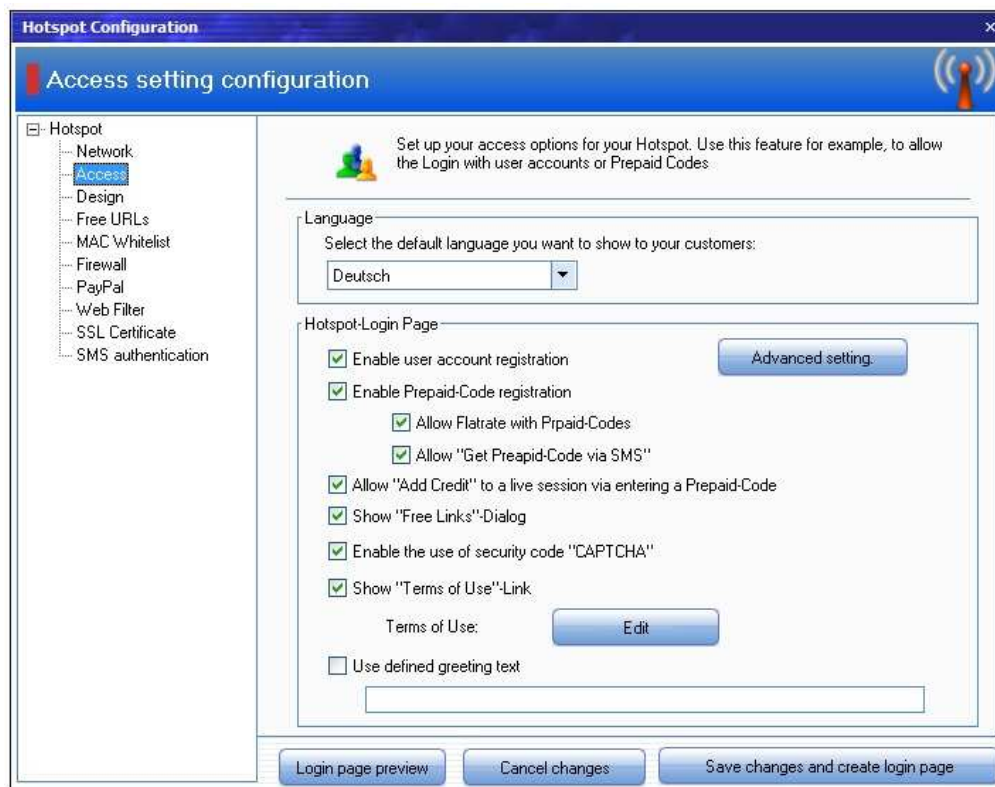
3.6 Logout

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:

Down-/Upload:

"Options"-Button

Allow "Change User Password"

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

Allow Flatrate with user accounts

Allow "Get Preapid-Code via SMS"

Allow "Create a new user account". select a tariff and bandwidth profile for the new created user accounts.

Basic Tariff

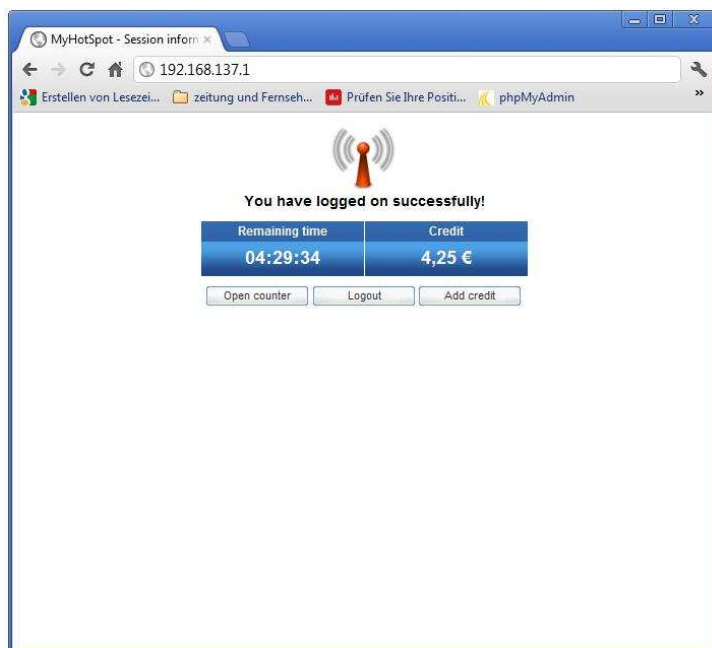
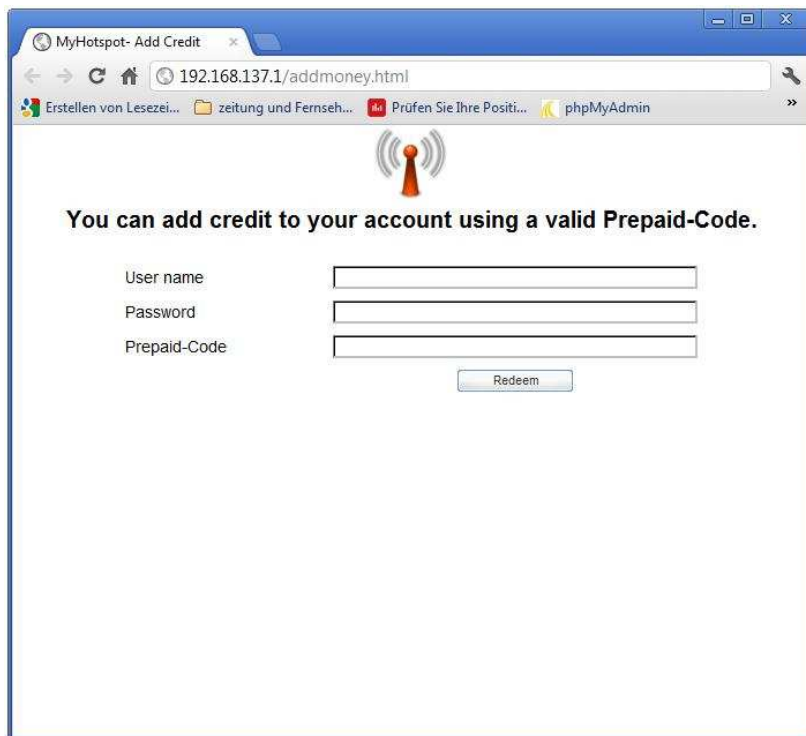
Flatrate Tariff

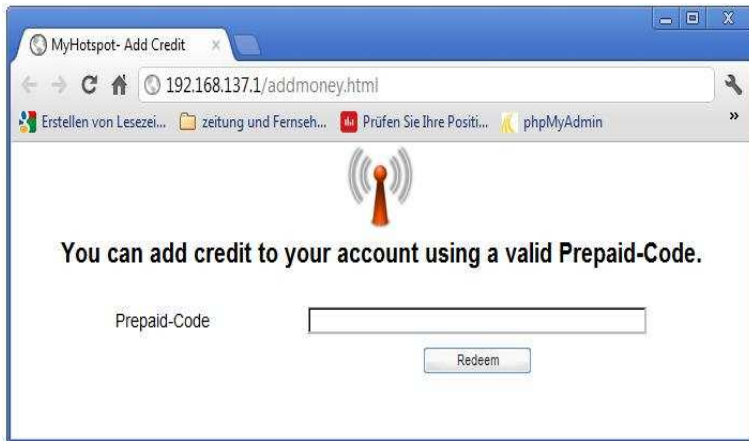
Down-/Upload

User must fill in all form fields

Enable the fast version of user creation with just username and password or mobile phone number

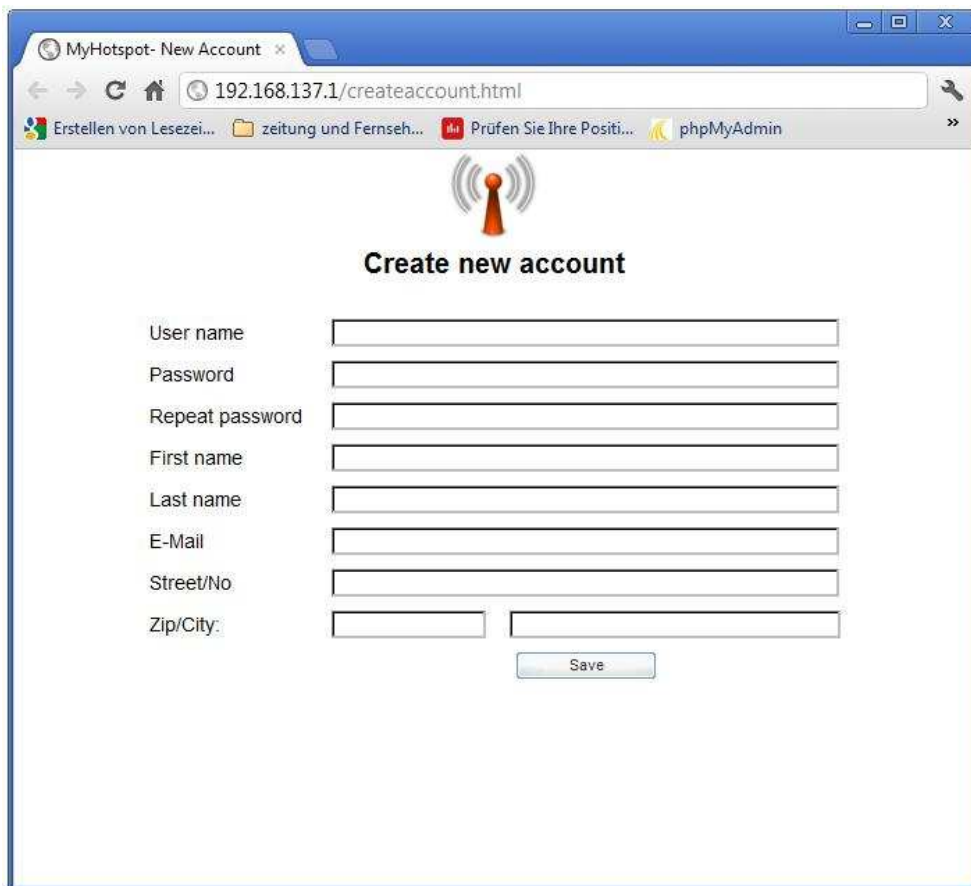
3.7.1 Add Credit





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

3.7.2 Create a new user account



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

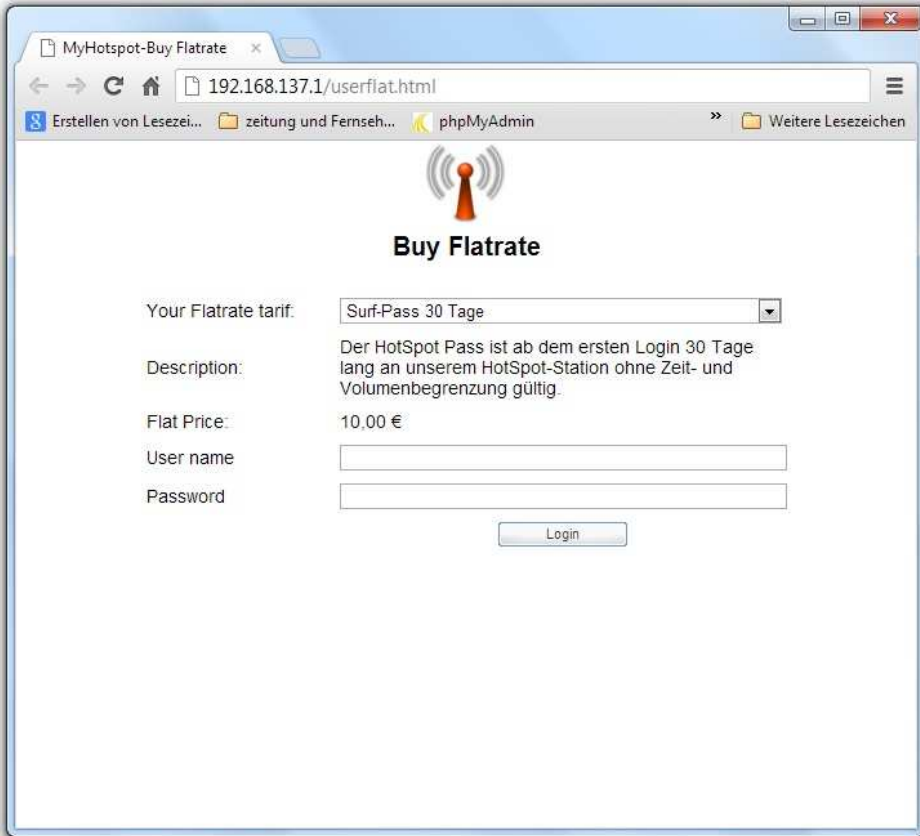
3.7.3 Change User Password



The screenshot shows a web browser window with the title 'MyHotspot- Change passw'. The address bar displays '192.168.137.1/changepassword.html'. The browser's taskbar shows several open tabs, including 'Erstellen von Lesezei...', 'zeitung und Fernseh...', 'Prüfen Sie Ihre Positi...', and 'phpMyAdmin'. The main content area features a wireless signal icon at the top, followed by the heading 'Change your Password'. Below the heading are four input fields: 'User name', 'Old password', 'New password', and 'Repeat new password'. A 'Save' button is positioned at the bottom of the form.

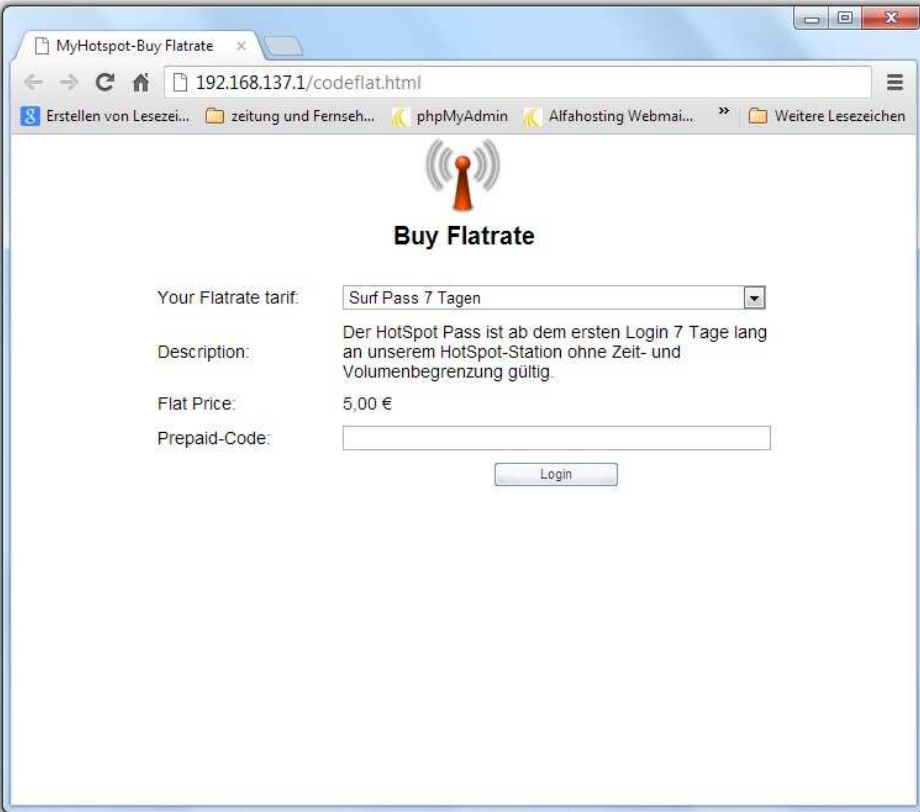
User can change password. This is depending on the server-setting

3.7.4 Buy Flatrate



The screenshot shows a web browser window with the address bar displaying `192.168.137.1/userflat.html`. The page title is "Buy Flatrate" and features a wireless signal icon. The form includes a dropdown menu for "Your Flatrate tarif" set to "Surf-Pass 30 Tage". The description states: "Der HotSpot Pass ist ab dem ersten Login 30 Tage lang an unserem HotSpot-Station ohne Zeit- und Volumenbegrenzung gültig." The flat price is listed as "10,00 €". There are input fields for "User name" and "Password", and a "Login" button.

Your Flatrate tarif:	<input type="text" value="Surf-Pass 30 Tage"/>
Description:	Der HotSpot Pass ist ab dem ersten Login 30 Tage lang an unserem HotSpot-Station ohne Zeit- und Volumenbegrenzung gültig.
Flat Price:	10,00 €
User name	<input type="text"/>
Password	<input type="password"/>



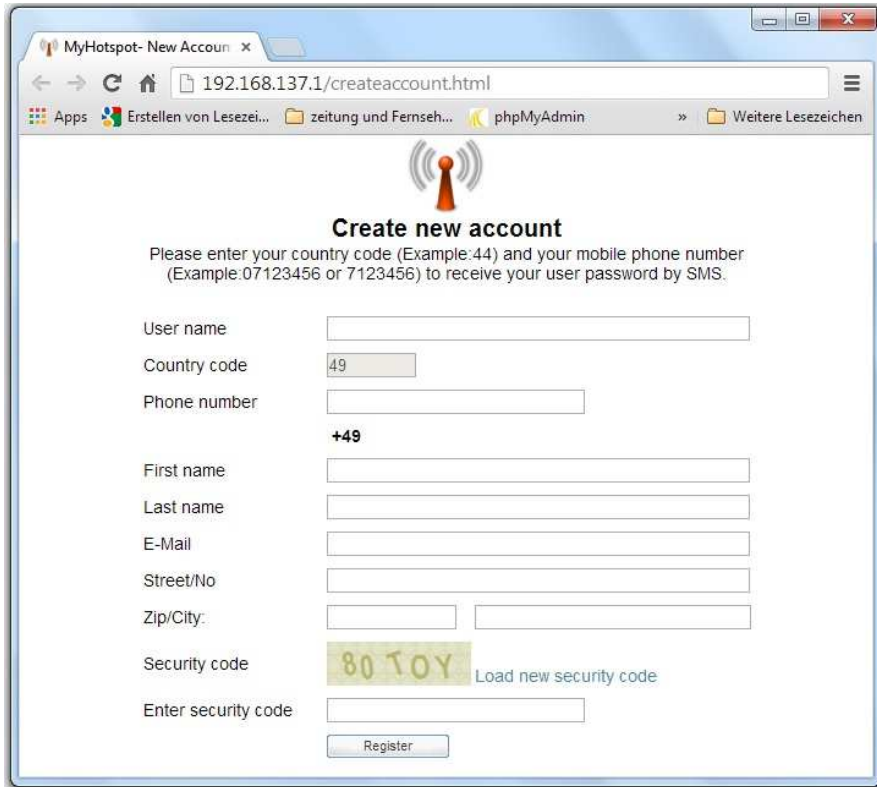
The screenshot shows a web browser window with the address bar displaying `192.168.137.1/codeflat.html`. The page title is "Buy Flatrate" and features a wireless signal icon. The form includes a dropdown menu for "Your Flatrate tarif" set to "Surf Pass 7 Tagen". The description states: "Der HotSpot Pass ist ab dem ersten Login 7 Tage lang an unserem HotSpot-Station ohne Zeit- und Volumenbegrenzung gültig." The flat price is listed as "5,00 €". There is an input field for "Prepaid-Code" and a "Login" button.

Your Flatrate tarif:	<input type="text" value="Surf Pass 7 Tagen"/>
Description:	Der HotSpot Pass ist ab dem ersten Login 7 Tage lang an unserem HotSpot-Station ohne Zeit- und Volumenbegrenzung gültig.
Flat Price:	5,00 €
Prepaid-Code:	<input type="text"/>

User can Log a Internet-Flat. FlatRate is access to your Internet at all hours and days within the booked time at a fixed and cheap tariff.

3.7.5 SMS authentication

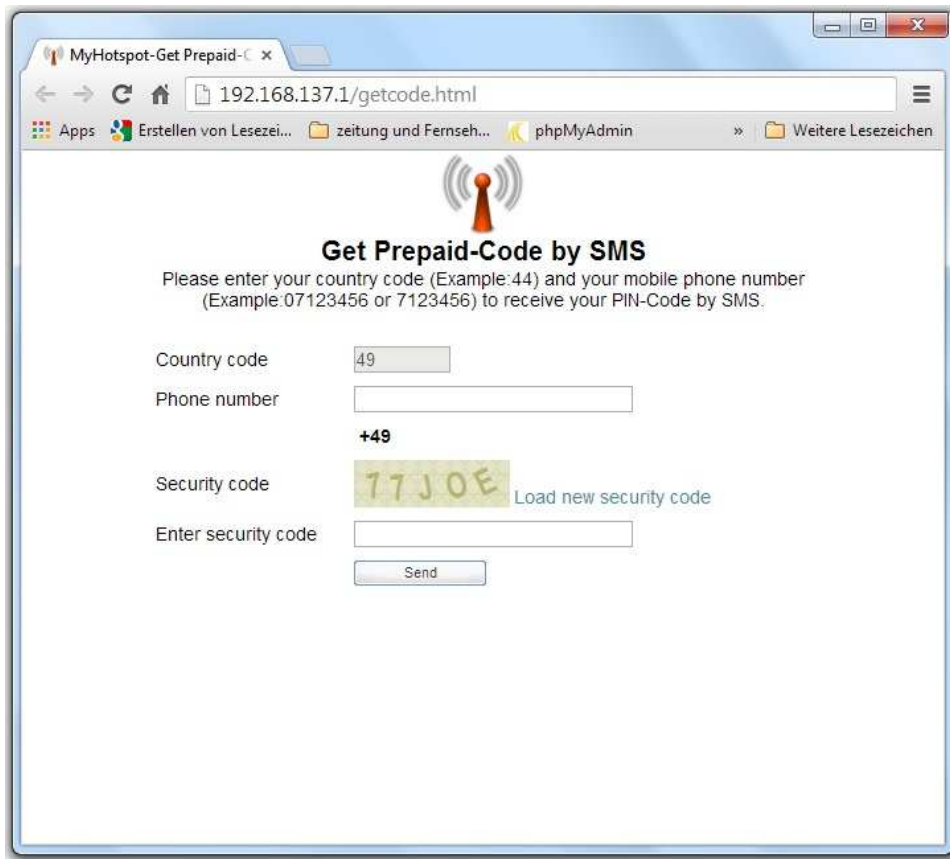
3.7.5.1 SMS authentication by creating a new user account



The screenshot shows a web browser window titled "MyHotspot- New Account" with the URL "192.168.137.1/createaccount.html". The page features a wireless signal icon and the heading "Create new account". Below the heading, there is a text instruction: "Please enter your country code (Example:44) and your mobile phone number (Example:07123456 or 7123456) to receive your user password by SMS." The form contains several input fields: "User name", "Country code" (with "49" entered), "Phone number" (with "+49" entered), "First name", "Last name", "E-Mail", "Street/No", "Zip/City" (split into two boxes), "Security code" (with "80 70Y" displayed and a "Load new security code" link), and "Enter security code". A "Register" button is located at the bottom of the form.

Use this function to enable SMS authentication by creating a new user account. A random password will be automatically generated and sent via SMS message to the user mobile phone number

3.7.5.2 SMS authentication by creating a free Prepaid-Code



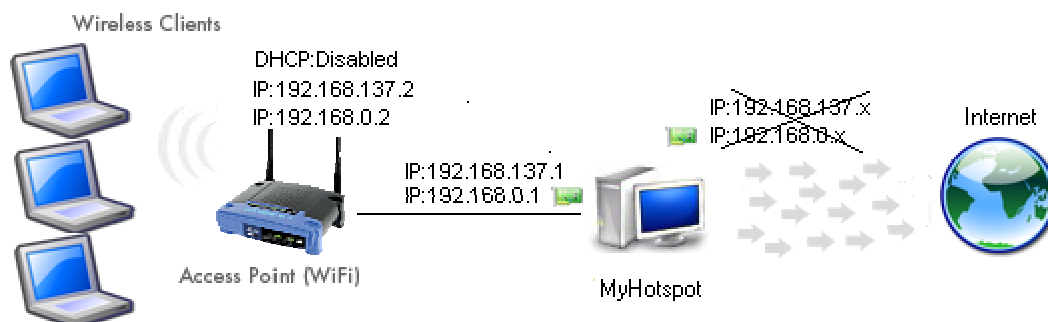
Use this function to enable SMS authentication by creating a free Prepaid-Code. A random PIN-Code will be automatically generated and sent via SMS message to the user mobile phone number.

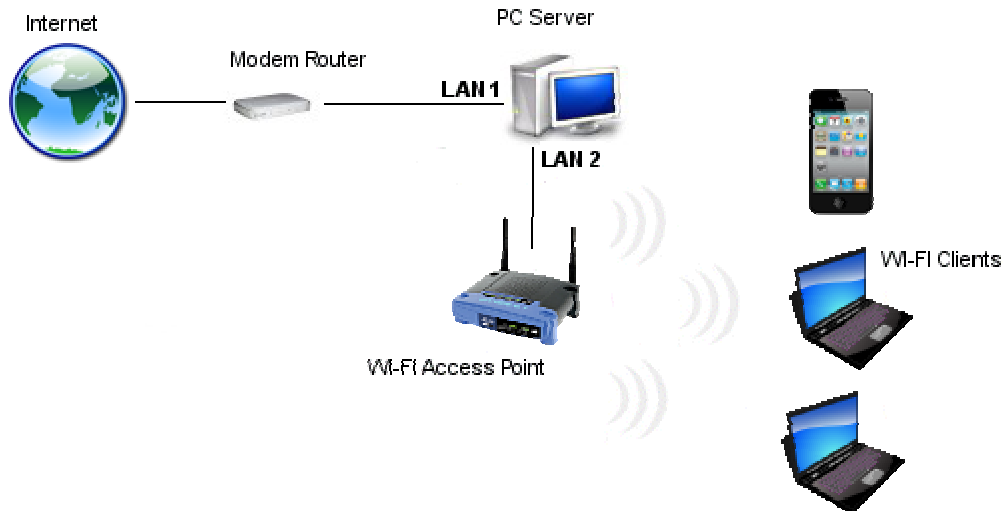
4 System Requirements

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/7/8).
- 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):

Security Options - Profile 1

None

WEP

WPA-PSK [TKIP]

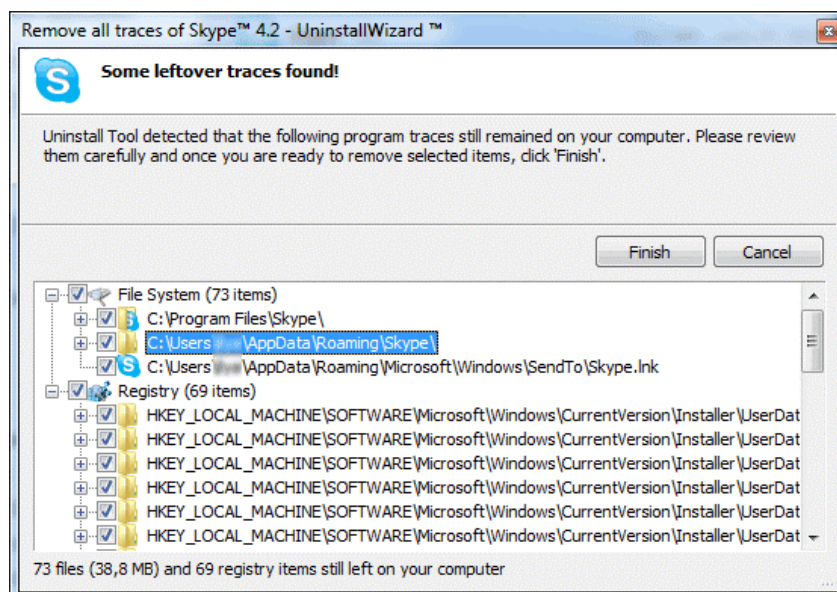
WPA2-PSK [AES]

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.

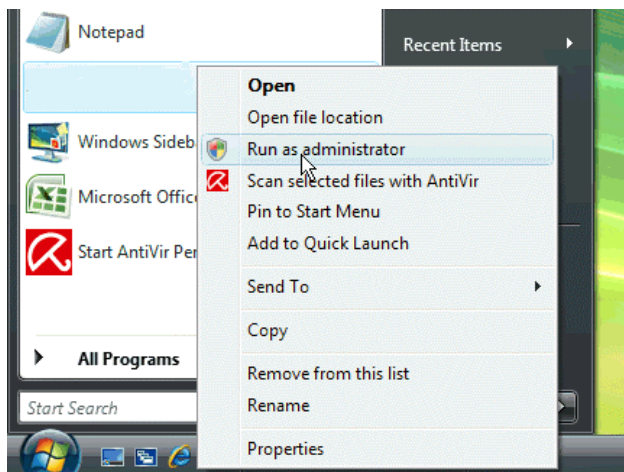


- Start the setup file on your windows PC to Install Myhotspot software.
- During the installation process, a prompt may appear asking if the driver should be installed even though it is not verified. Click:
 - "Continue Anyway" by Windowx XP.

- "Install this driver software anyway" by Windows Vista/7/8..



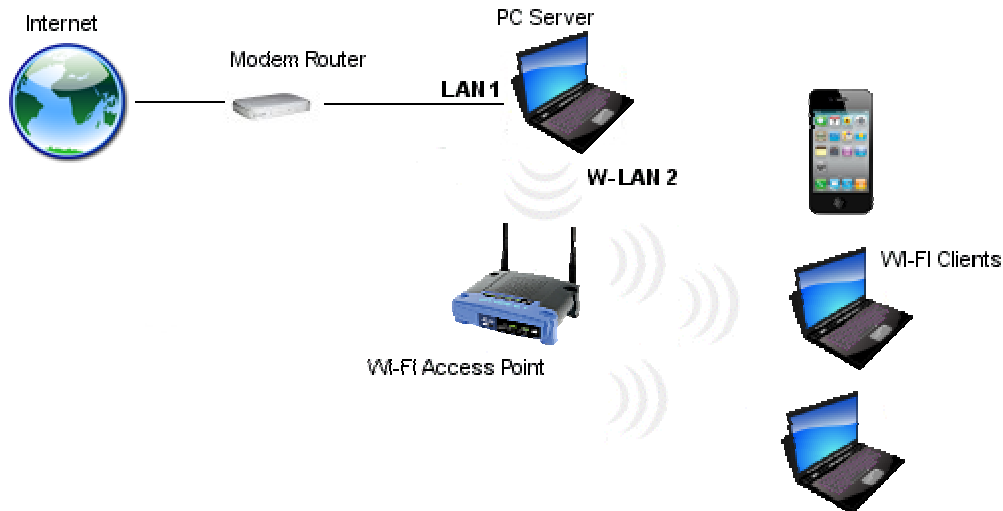
- The Internet Connection Sharing (ICS) must be enabled During the installation process. The network wizard will be launched.
- You must restart your computer after installing MyHotspot.
- If you use Windows Vista/7 make sure to run MyHotspot with administrator rights. Right click on the program, and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

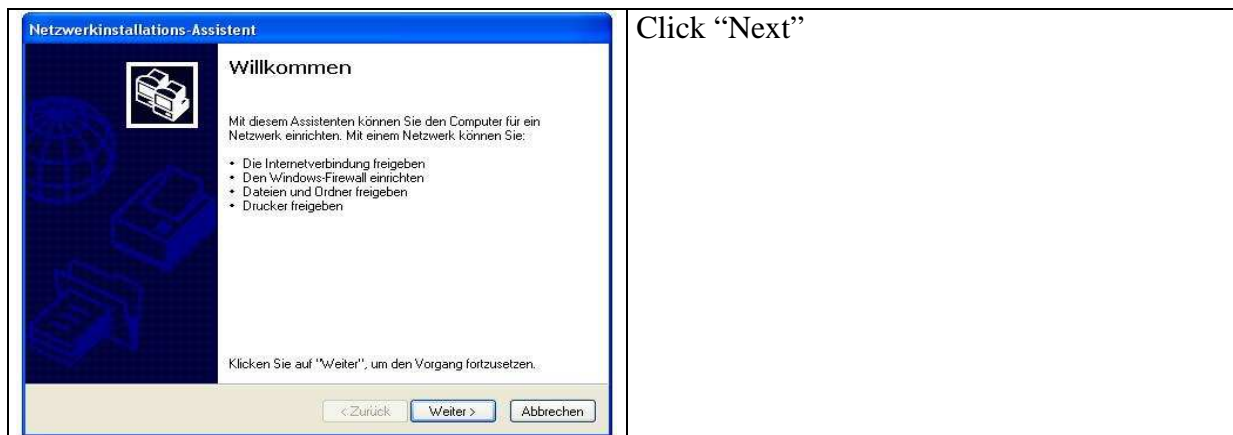


You need to replace your LAN2-Ethernet connection with a W-LAN connection.



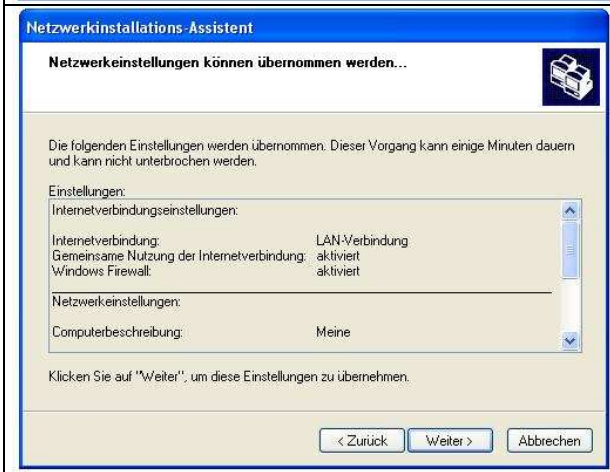
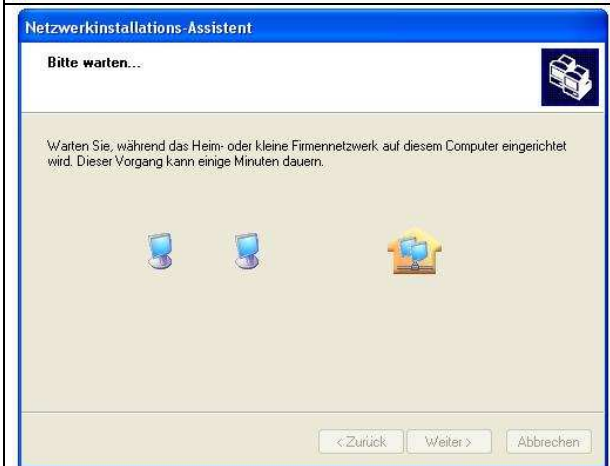
6 ICS - Server Setup Using the Network Setup Wizard

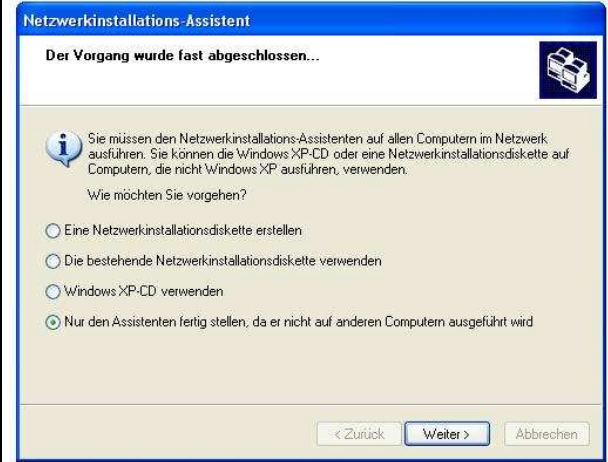

6.1 Enabling ICS under Windows XP

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>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>

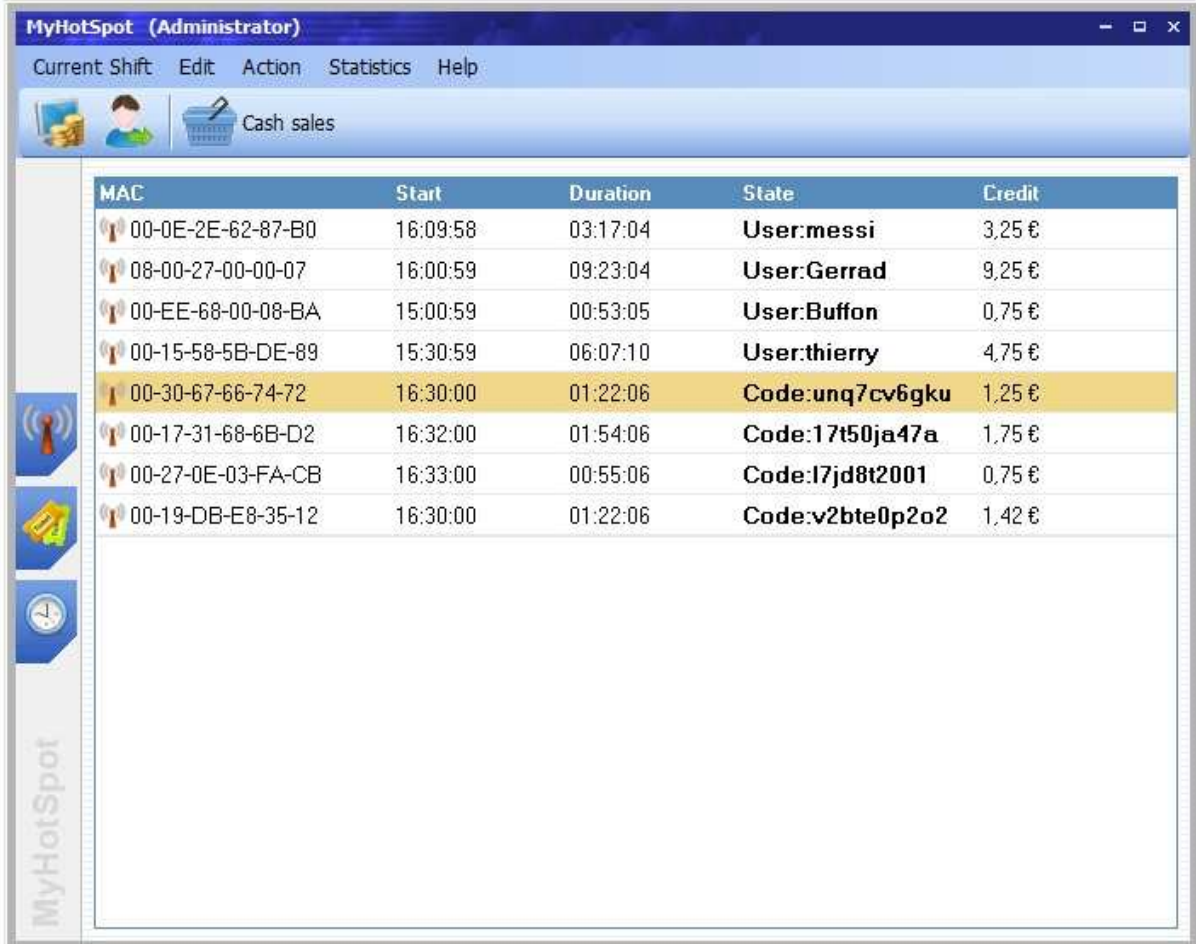
	<p>Select „Just finish the wizard; I don’t need..“, and click “Next”</p>
	<p>When the configuration is complete, the Wizard's Completion screen appears. Click Finish to exit.</p>

6.2 Enabling ICS under Windows Vista/7/8

- Open Network Connections by clicking the **Start** button, clicking **Control Panel**, clicking **Network and Internet**, clicking **Network and Sharing Center**, and then clicking **Manage network connections**.
- Right-click the connection that you want to share, and then click **Properties**. If you are prompted for an administrator password or confirmation, type the password or provide confirmation.
- Click the **Sharing** tab, and then select the **Allow other network users to connect through this computer’s Internet connection** check box.

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 Win7/8 after installing ICS

7 MyHotspot









The screenshot shows the MyHotSpot (Administrator) window. The title bar reads "MyHotSpot (Administrator)". The menu bar includes "Current Shift", "Edit", "Action", "Statistics", and "Help". Below the menu bar is a toolbar with icons for adding money, ending a session, and a shopping basket labeled "Cash sales". The main area displays a table of active sessions with the following columns: MAC, Start, Duration, State, and Credit.

MAC	Start	Duration	State	Credit
00-0E-2E-62-87-B0	16:09:58	03:17:04	User:messi	3,25 €
08-00-27-00-00-07	16:00:59	09:23:04	User:Gerrad	9,25 €
00-EE-68-00-08-BA	15:00:59	00:53:05	User:Buffon	0,75 €
00-15-58-5B-DE-89	15:30:59	06:07:10	User:thierry	4,75 €
00-30-67-66-74-72	16:30:00	01:22:06	Code:unq7cv6gku	1,25 €
00-17-31-68-6B-D2	16:32:00	01:54:06	Code:17t50ja47a	1,75 €
00-27-0E-03-FA-CB	16:33:00	00:55:06	Code:l7jd8t2001	0,75 €
00-19-DB-E8-35-12	16:30:00	01:22:06	Code:v2bte0p2o2	1,42 €

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
	In the main overview you can switch from the General Overview to the Ticket stations 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 accounts administration

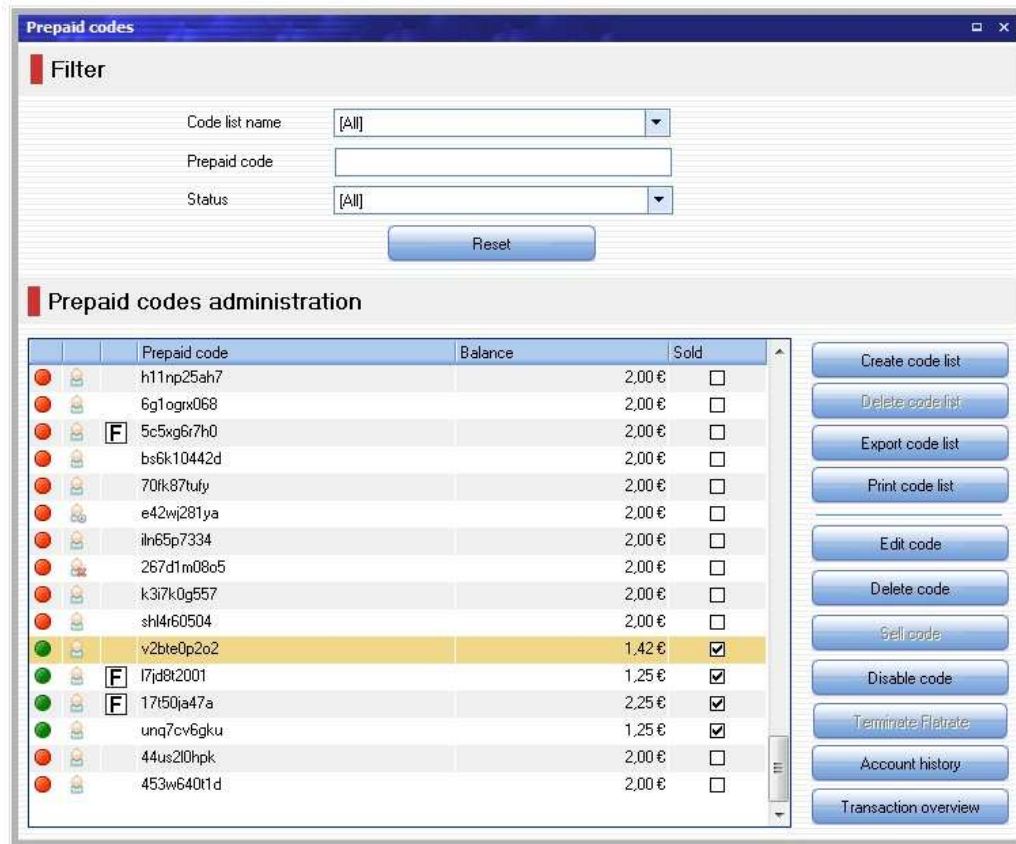
	User name	Name	Balance	Account overdrafts
	rooney	Wayne Rooney	94,00 €	0,00 €
	casillas	Iker Casillas	12,00 €	0,00 €
	ronaldinho	Gaucha Ronaldinho	10,00 €	0,00 €
	thierry	Thierry Henry	4,75 €	0,00 €
	Buffon	Gianluigi Buffon	0,75 €	0,00 €
	Gerrad	Steven Gerrad	9,25 €	0,00 €
	messi	Lionel Messi	3,00 €	0,00 €
	cristiano	Cristiano Ronaldo	0,00 €	-100,00 €

7.2.2.1.1 User Account List

	Account is Offline.
	Account is Online.
	Activated account.
	Disabled account.
	Expired account
	Account with Flatrate
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
Terminate Flatrate	You can terminate the Flatrate for 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
F	Account with Flatrate
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
Terminate Flatrate	You can terminate the Flatrate for the selected code account
Account history	Access the account history for the selected code account
Transaction overview	Access the transaction overview for the selected code account

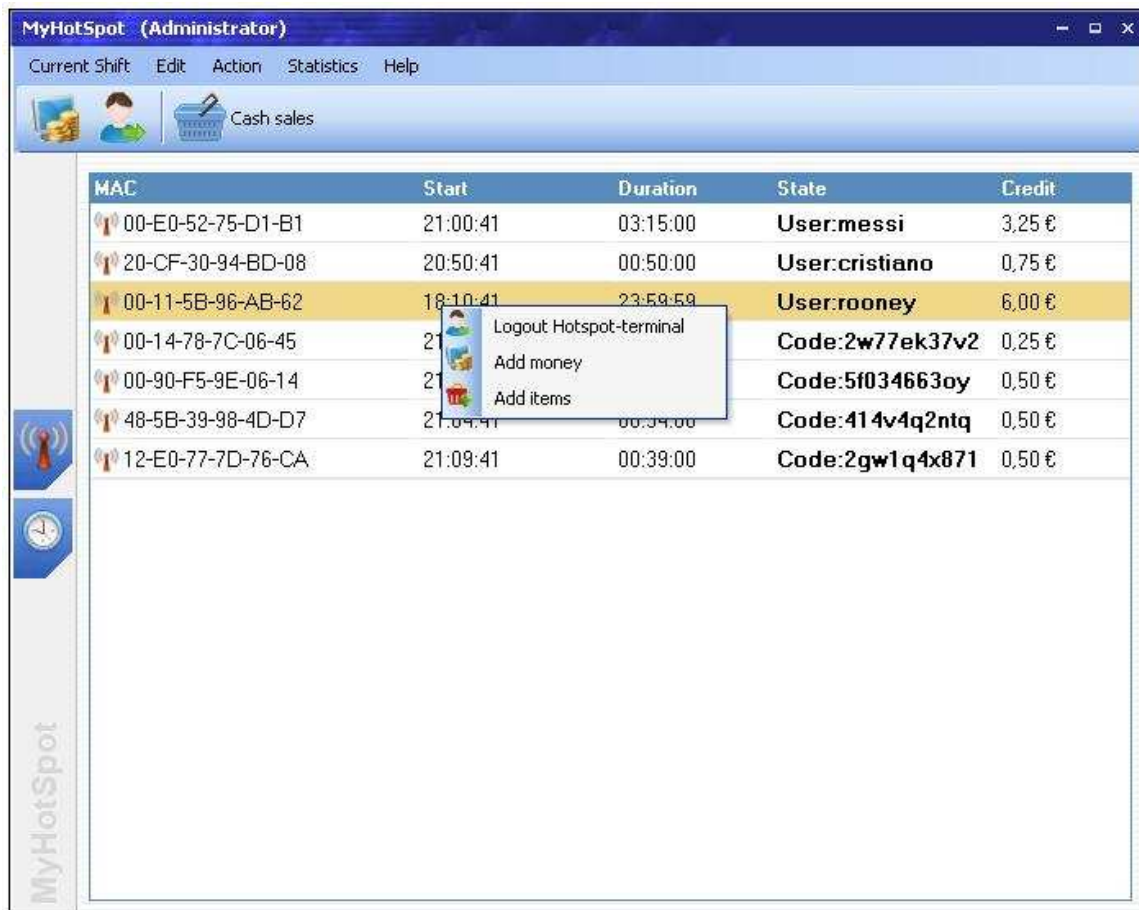
7.2.3 Menu item "Action"

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.

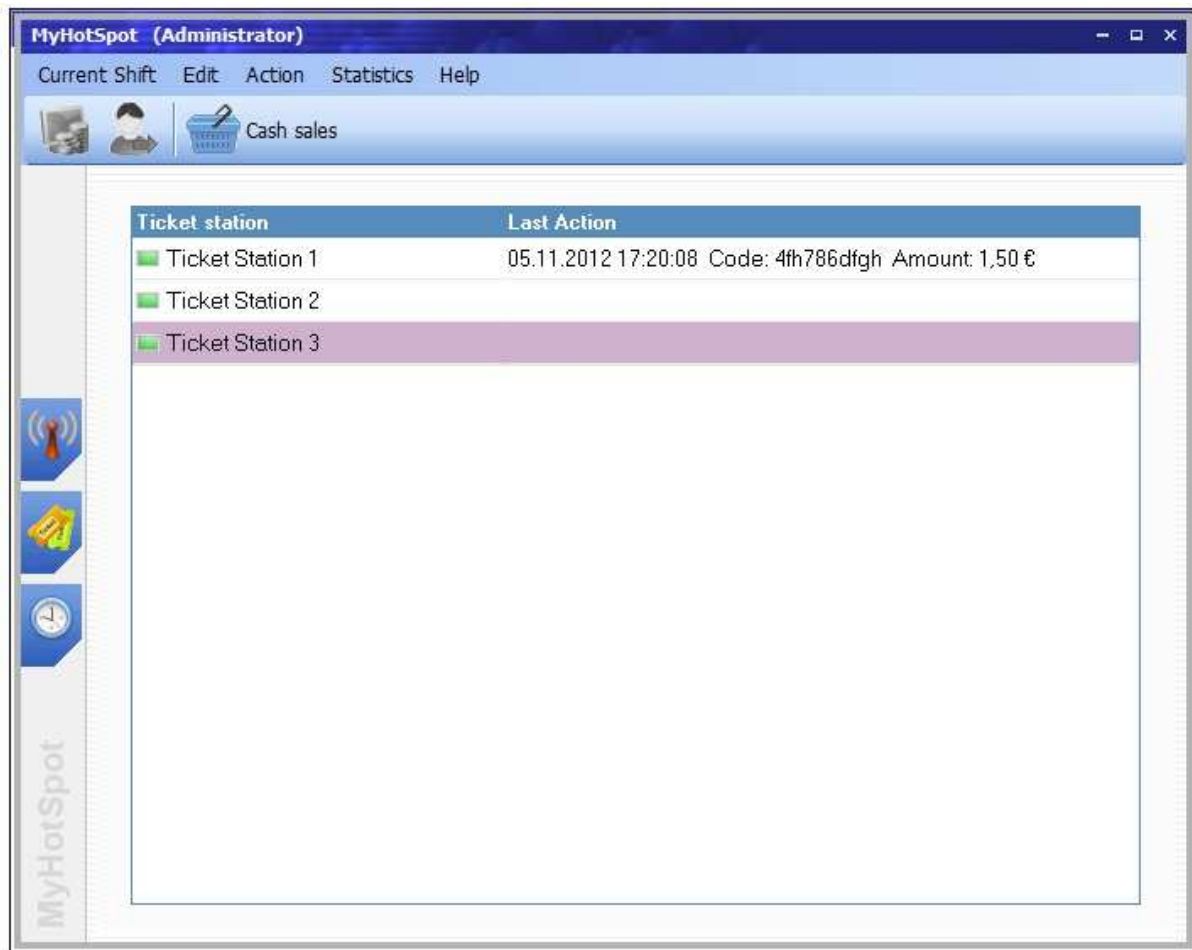
Logout all Hotspot-terminals: Use this function to end the internet session currently running on all terminals

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.

7.4 Ticket stations Context Menu (Right Click)



Shutdown selected terminals: Use this function to shutdown selected terminals

Restart selected terminals: Use this function to restart selected terminals

Log Off Windows at selected terminals: Use this function to logoff windows at selected terminals

Close Ticketstation at selected terminals: Use this function to close Ticketstation-Software at selected terminals

Shutdown all terminals: Use this function to shutdown all terminals

Restart all terminals: Use this function to restart all terminals

Log Off Windows at all terminals: Use this function to logoff windows at all terminals

Close Ticketstation at all terminals: Use this function to close Ticketstation-Software at all terminals