

How to configure the 2N EasyRoute



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2N EasyRoute Configuration

Download the latest firmware from: <http://www.2n.cz/en/products/umts/easyroute/downloads/> - Tab *Firmware*.

How to approach the 2N EasyRoute:

1. Connect the 2N EasyRoute with an Ethernet cable (via f.e. LAN 1 ETH port) with the pc. Be sure that the pc automatically receives an IP-adres (DHCP Client).
2. Approach the webinterface via IP adres: `http://192.168.1.1`.

3. Default Administrator-credentials:

Username: *admin*

Password: *admin*

Default Operator-credentials:

Username: *operator*

Password: *operator*

The operator account has limited rights, only access to:

Hotspot > Sale: *timelimited sale of WiFi access*

Status: *status information concerning the mobile network connection*

Setting: *Operator password settings*

Default User-credentials:

Username: *user*

Password: *user*

User account has limited rights, access to:

SMS, call register, manage user password

NOTE:

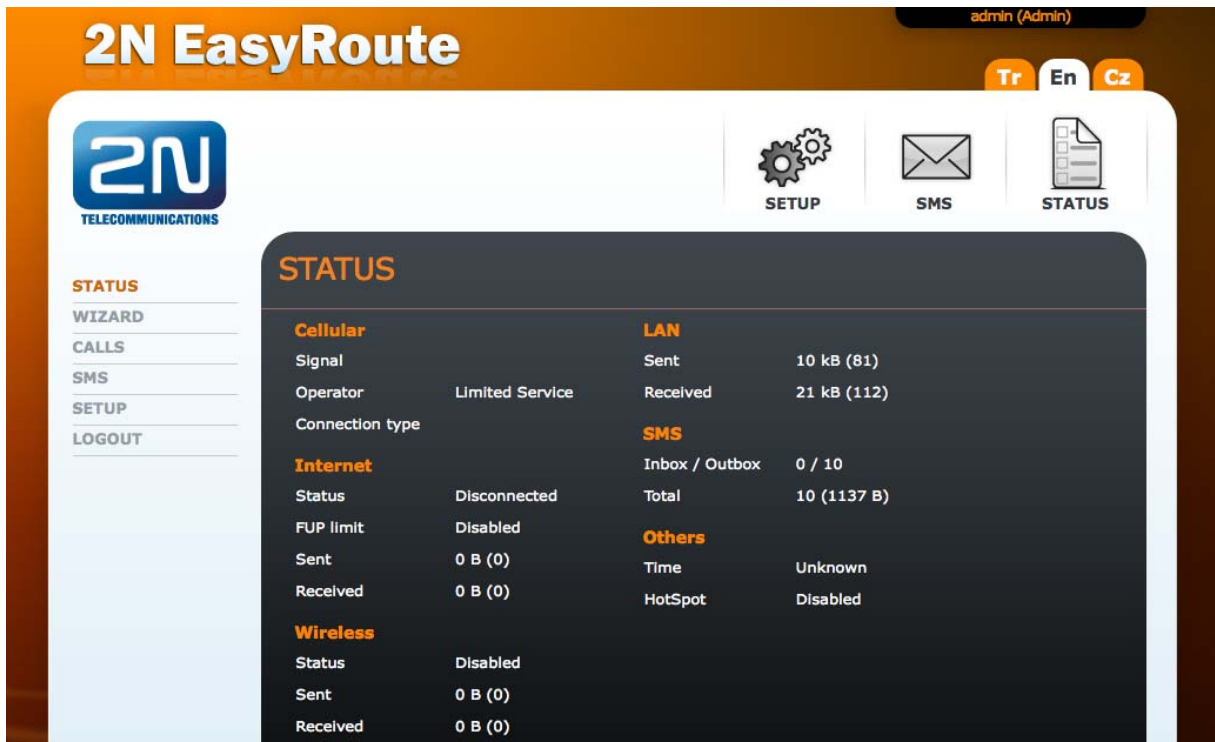
Only the accounts mentioned above are available (Admin, Operator, User). No new/other user accounts can be created. Passwords from the existing accounts can be changed.

2N EasyRoute Wizard

1. Login with admin / admin:



2. After the login, the *Status interface* will appear:



admin (Admin)

Tr En Cz

2N TELECOMMUNICATIONS

SETUP SMS STATUS

STATUS

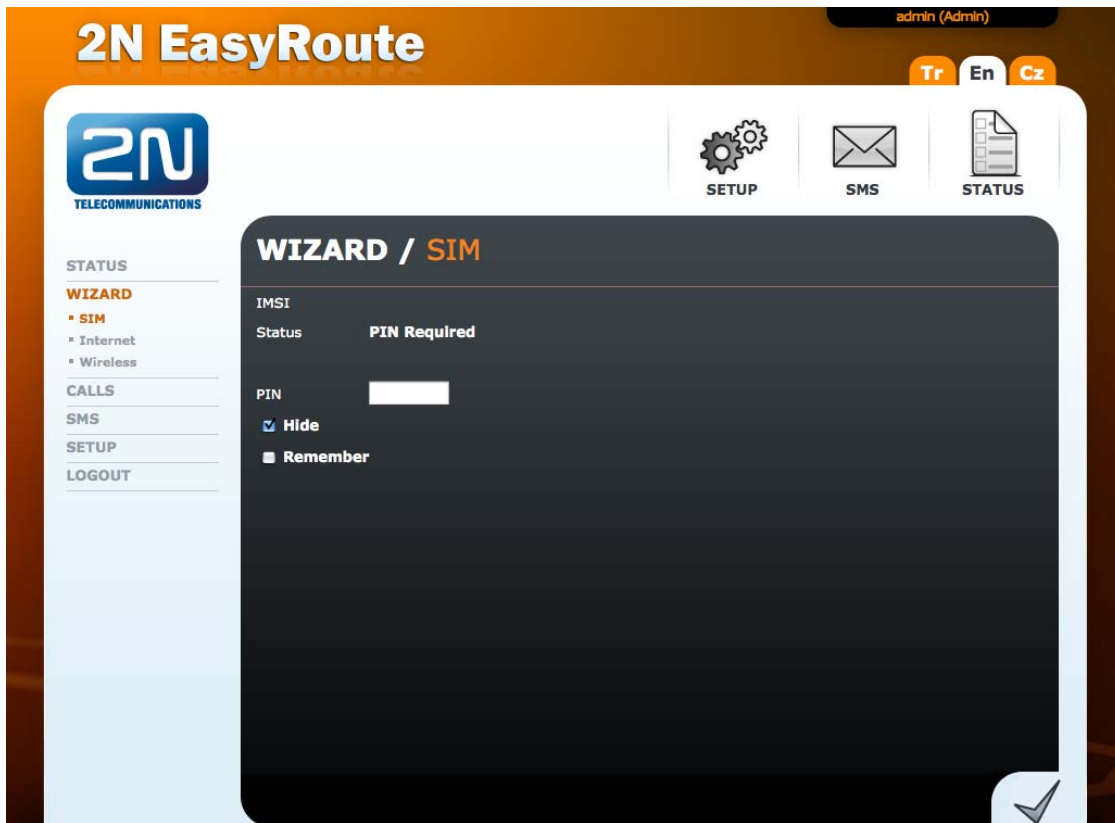
WIZARD
CALLS
SMS
SETUP
LOGOUT

Cellular		LAN	
Signal		Sent	10 kB (81)
Operator	Limited Service	Received	21 kB (112)
Connection type			

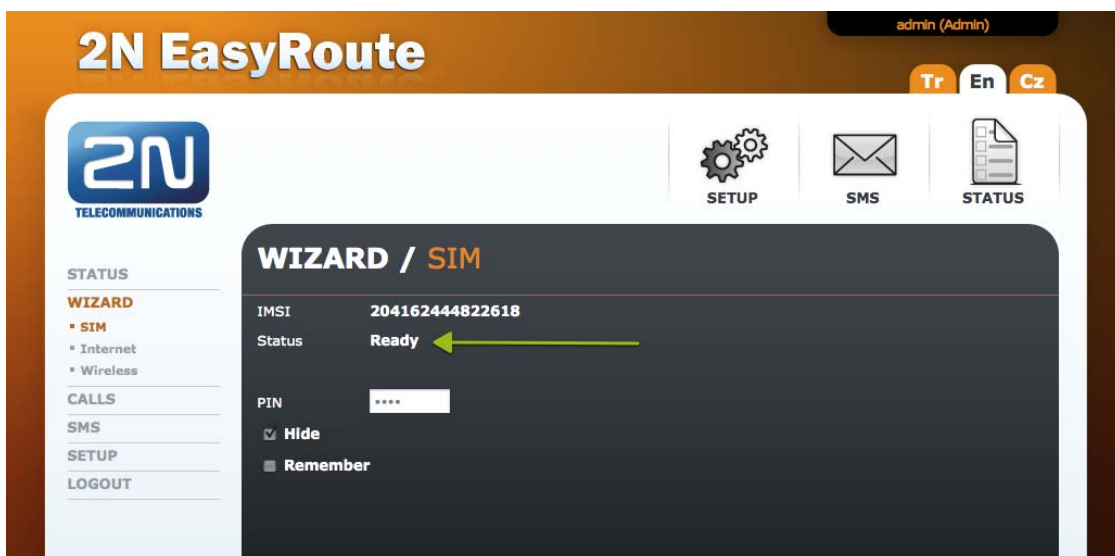
Internet		SMS	
Status	Disconnected	Inbox / Outbox	0 / 10
FUP limit	Disabled	Total	10 (1137 B)
Sent	0 B (0)		
Received	0 B (0)		

Wireless		Others	
Status	Disabled	Time	Unknown
Sent	0 B (0)	HotSpot	Disabled
Received	0 B (0)		

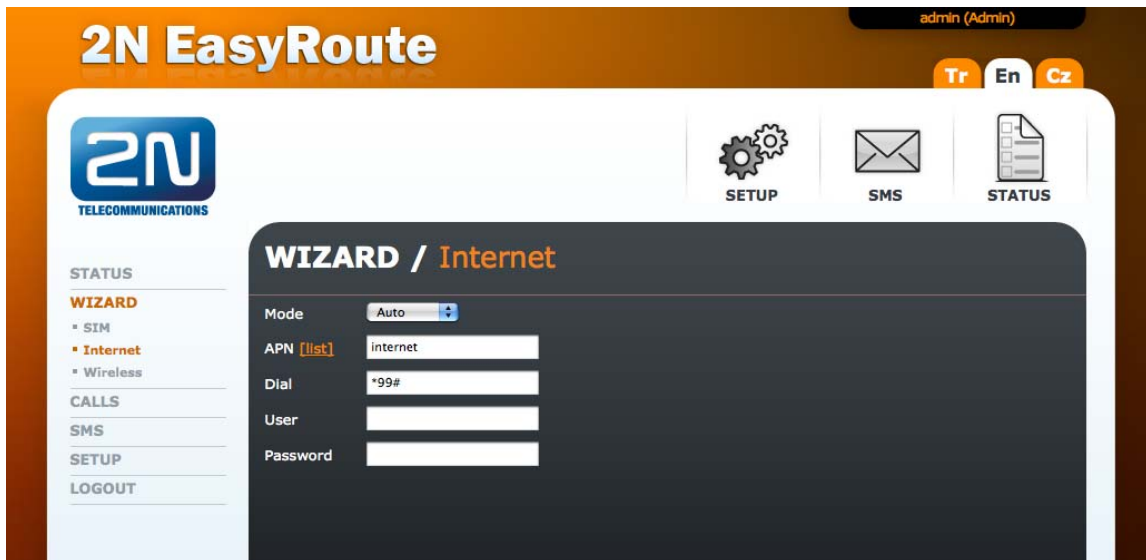
3. Follow the Wizard: enter PIN from the SIM card and press V at the bottom-right.:



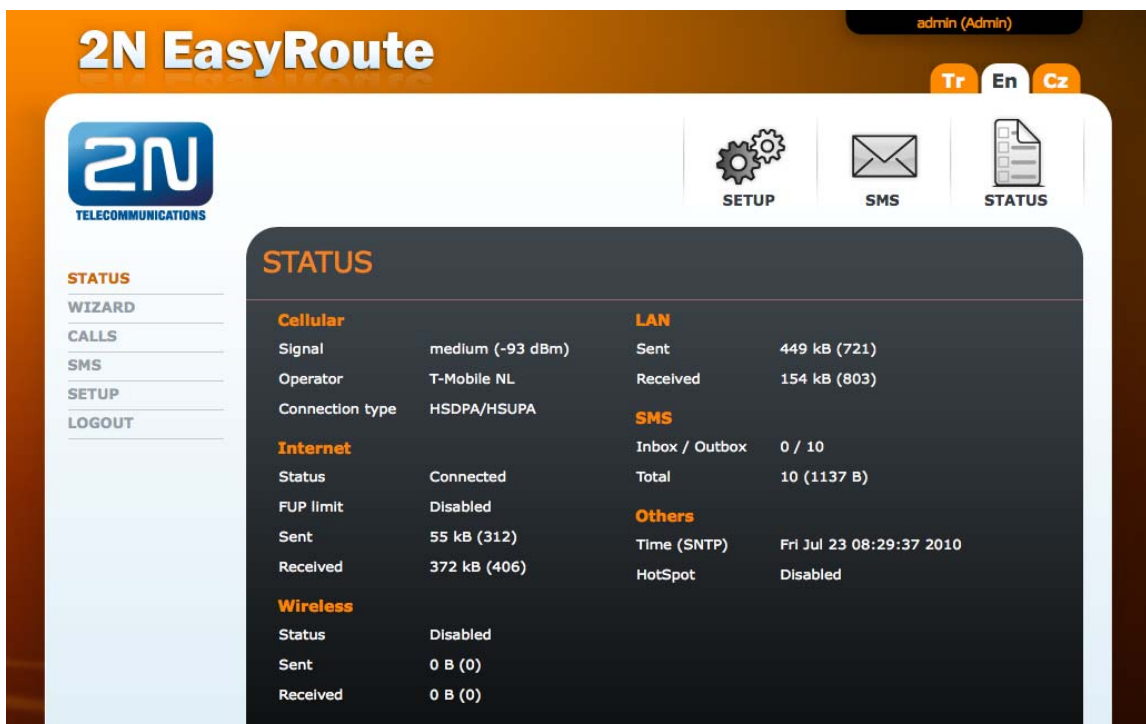
4. After entering the correct PIN, the Wizard expresses "Ready" status:



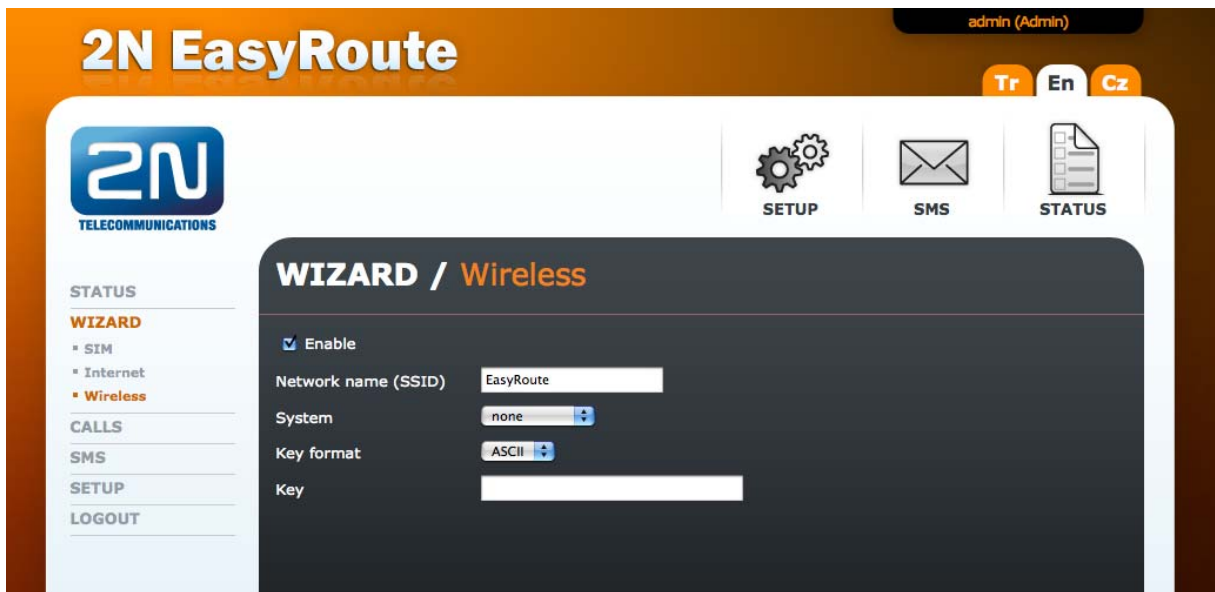
5. In the following screen, press the V on bottom-right of the screen:



6. Now the Wizard is successfully completed, the Status screen is shown:



7. To configure the WiFi-access, just enable the WiFi option within: Wizard > Wireless. After that press the V on the bottom-right of the screen:



HOTSPOT

The Hotspot functionality offers the possibility to create tickets (f.e. for payment) to get access time to the WiFi connection.

Points of attention:

- SNTP has to be activated. Default settings “ntp.nic.cz”, can be changed via SETUP > Network > SNTP.
- Time can manually be changed via SETUP > System > Time.
- When a ticket is in use, it is not possible to deactivate during connection time.

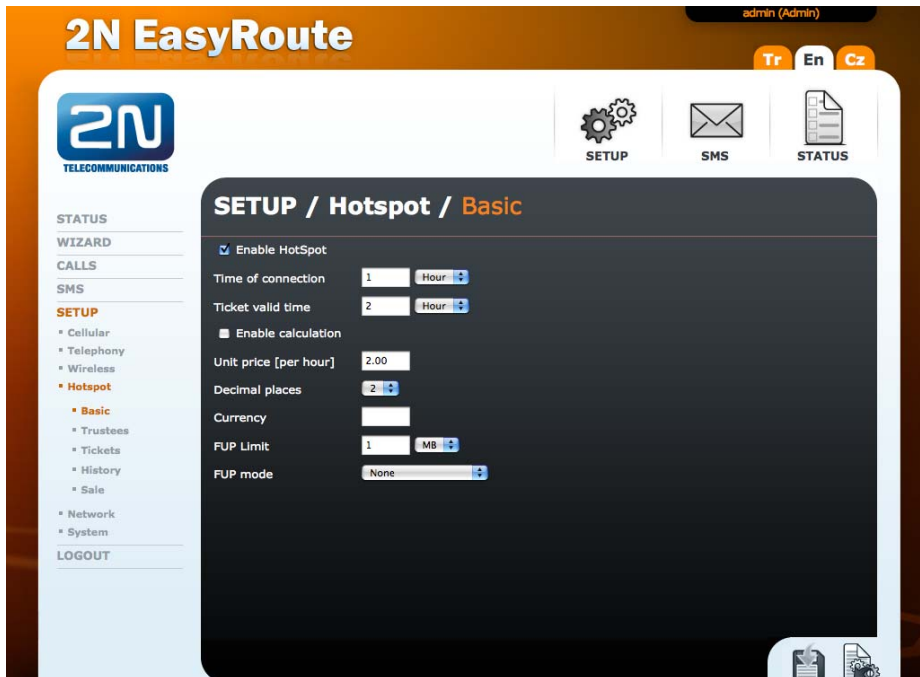
Troubleshooting

When the Hotspot refuses to create a ticket but provides an error similar to “Hotspot not configured” or “SNTP not configured”, the following actions can help:

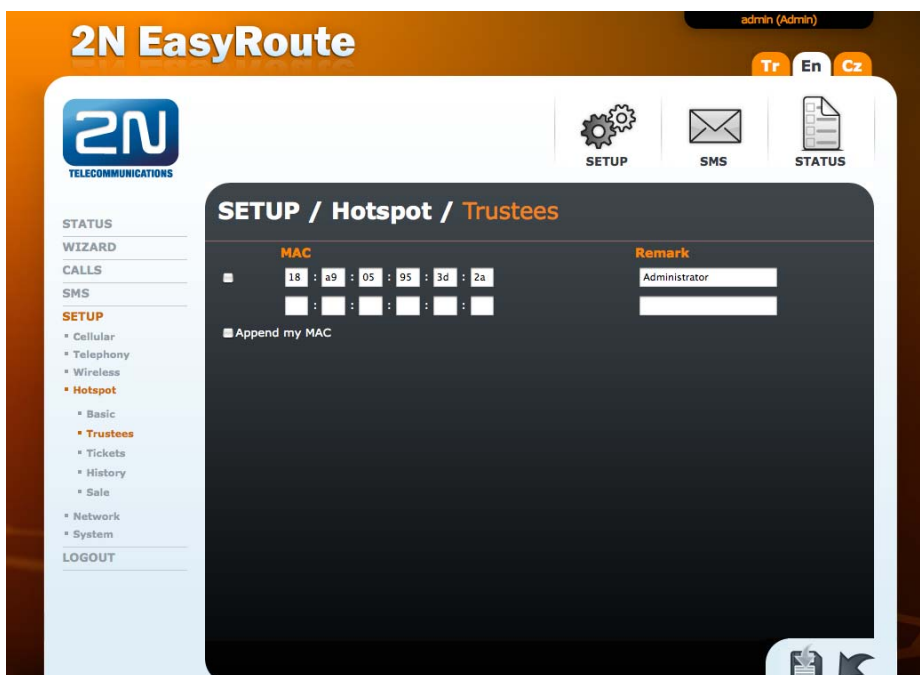
- SETUP > Hotspot > Basic:
Disable Hotspot + save, then Enable Hotspot + save
- SETUP > Network > SNTP:
Disable SNTP + save, then Enable SNTP + save

Activate Hotspot

1. Open SETUP > Hotspot > Basic > Enable Hotspot: Check “Enable Hotspot” and save the settings by pressing the diskette icon in the bottom-right of the screen.



2. SETUP / Hotspot / Trustees: Within the “Trustees” screen, computer systems which are allowed to use the WiFi-network without ticket, can be entered here. Just enter the MAC address of the network card and, when necessary, a description. Then save the settings pressing the diskette icon in the bottom-right of the screen.



Hotspot Tickets

Creating Hotspot tickets is only possible with an admin or operator account.

1. First of all, Hotspot functionality must be activated. See **Activate Hotspot**.

2. For the tickets, open:

Admin account: **SETUP > Hotspot > Sale**

Operator account: **Sale**

3. Enter the following information:

Time of connection → *connection time the user can make use of WiFi. Connection time can be defined within minutes, hours or days.*

Ticket valid time → *Time to activate the ticket. Activating the ticket after the defined valid time is not possible.*

FUP Limit → *Fair Use Policy, depends the amount of data which can be down / uploaded during connection to the WiFi network.*

FUP mode → *Four possibilities: None, Download, Upload, Download & Upload.*

When choosing none, the user will have no down / upload limits during the connection time.

4. Press **Sale** to create the ticket.

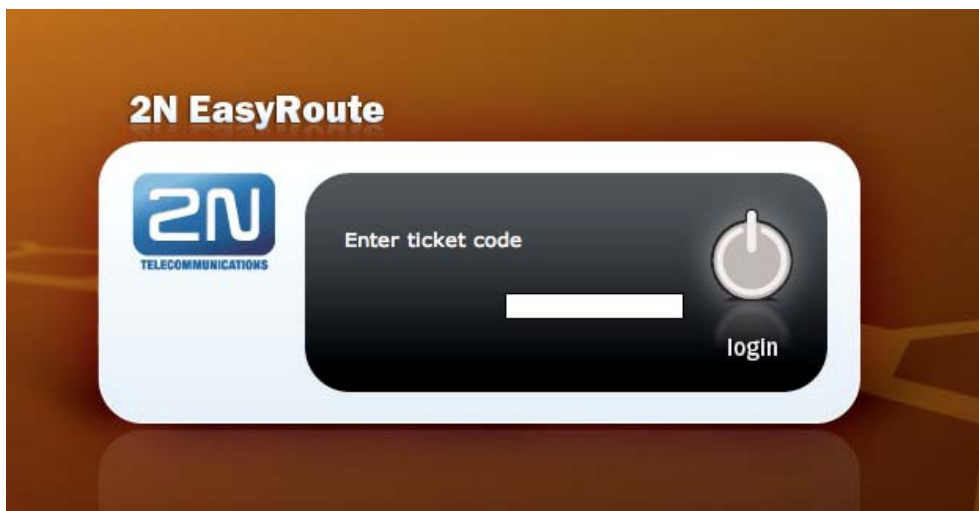
5. The ticket is created, see "Code". The ticket code can be send by SMS by entering the GSM number within the "SMS notify" field and pressing the send button. The GSM will receive the ticket code by SMS.

The screenshot shows the 2N EasyRoute web interface. At the top, the user is logged in as 'admin (Admin)'. The main navigation bar includes 'Tr', 'En', and 'Cz' language options, and icons for 'SETUP', 'SMS', and 'STATUS'. The left sidebar contains a menu with categories like 'STATUS', 'WIZARD', 'CALLS', 'SMS', 'SETUP', and 'LOGOUT'. Under 'SETUP', there are sub-menus for 'Cellular', 'Telephony', 'Wireless', 'Hotspot', 'Basic', 'Trustees', 'Tickets', 'History', 'Sale', 'Network', and 'System'. The 'Hotspot / Sale' form is displayed, showing a 'Ticket created' message. The form fields are: 'Time of connection' (1 Hour), 'Ticket valid time' (2 Hour), 'Ticket preview' (Serial: 0011, Code: 605767, Time of connection: 1:00, Ticket valid time: 2:00, Price), 'FUP Limit' (1 MB), 'FUP mode' (None), and 'SMS notify' (with a 'Send' button). A green arrow points from the text 'send sms notification' to the 'Send' button.

Hotspot client side

When the ticket is created, the WiFi functionality can be used by entering the ticket number.

1. Activate WiFi on your computer system.
2. Select the EasyRoute WiFi network.
3. Open your favorite webbrowser.
4. Enter the ticket number and press *Login*.



5. After the login, the remaining connection time will be printed on screen and the WiFi connection is ready to use.

