

UM FOTA – Enable Automatic Update

Step by Step

Requirements:

- Router must be connected to the Internet via Ethernet or cellular module
- Do not use private APN in case of Ethernet connection

Module name	Last revision	Min. ver. of router's FW	Module's FW file name
LE910-EU-V2	20.00.403	6.1.5	LE910-EU-V2.bin
LE910-NA1	20.00.524	6.1.5	LE910-NA1.bin
LE910-NA1-SKU	AT&T 20.00.524 Verizon 20.00.014	6.1.5	LE910-NA1-SKU.bin
LE910-NA1-SKU	AT&T 20.00.525 Verizon 20.00.015	6.1.8	LE910-NA1-SKU.bin

FW Compatibility Table

1. Ensure your router has required version of FW (see the Table above).
2. Do not forget that the router must be connected to the Internet!
3. Connect to the web interface of the router.
4. Then select item **User Modules** in the main menu.
5. Use **New Module** field for selecting the user module file (fota.v3.tgz) in your PC.
Then press **Add or Update** button. (1)
6. Select **fota** user module. (2)

SmartStart LTE Router

7. Select **Enable automatic update** (3) in the new window.
8. Press **Apply** button. (4)
9. Press **Start Manually** button. (5)

Firmware Over-The-Air

Status	<input checked="" type="checkbox"/> Enable automatic update URL <input type="text"/> Username * <input type="text"/> Password * <input type="password"/> <input type="button" value="Apply"/> <input type="button" value="Start Manually"/>
Information	
System Log	
Configuration	
Automatic Update	
Customization	
Return	

Update Firmware

Manual update started, see syslog for progress

10. Press **Ok** button and Status page will be displayed.
11. Refresh this page for information about current status.
12. FW update should take up to five minutes.
13. Completed installation:

Firmware Over-The-Air

Status	System Log
Information	System Messages
System Log	
Configuration	
Automatic Update	
Customization	
Return	

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2000-01-01 01:49:36 dhcpcd[1126]: wlan0: leased 192.168.7.136 for 3600 seconds
2000-01-01 01:49:36 dhcpcd[1126]: wlan0: adding route to 192.168.7.0/24
2000-01-01 01:49:36 bard[935]: backup route selected: "WiFi STA"
2000-01-01 01:49:36 bard[935]: script /etc/scripts/ip-up started
2000-01-01 01:49:37 dnsmasq[1873]: reading /etc/resolv.conf
2000-01-01 01:49:37 dnsmasq[1873]: using nameserver 192.168.7.1#53
2000-01-01 01:49:37 dnsmasq[1873]: exiting on receipt of SIGTERM
2000-01-01 01:49:37 tottd[2194]: Trick or Treat Daemon (totd) version 1.5.2
2000-01-01 01:49:37 dnsmasq[2199]: started, version 2.78 cachesize 150
2000-01-01 01:49:37 dnsmasq[2199]: reading /etc/resolv.conf
2000-01-01 01:49:37 dnsmasq[2199]: using nameserver 192.168.7.1#53
2000-01-01 01:49:37 dnsmasq[2199]: cleared cache
2000-01-01 01:49:39 bard[935]: script /etc/scripts/ip-up finished, status = 0x0
2000-01-01 01:50:45 dhcpcd: DHCPREQUEST for 192.168.1.2 from a4:4c:c8:el:98:1c (SKLENARP-NB) via eth0
2000-01-01 01:50:45 dhcpcd: DHCPACK on 192.168.1.2 to a4:4c:c8:el:98:1c (SKLENARP-NB) via eth0
2000-01-01 01:51:03 wpa_supplicant[1101]: wlan0: WPA: Group rekeying completed with 54:4a:16:03:1d:ed [GTK=CCMP]
2000-01-01 01:51:05 last message repeated 2 times
2000-01-01 01:51:36 fota[2280]: Starting fota 1.4.0
2000-01-01 01:52:10 fota[2280]: Found module:0, Model:LE910-EU-V2, Revision:20.00.402-B070
2000-01-01 01:52:18 fota[2280]: Downloading firmware
2000-01-01 01:52:25 fota[2280]: Downloading firmware done
2000-01-01 01:52:46 fota[2280]: Loading fw. into module
2000-01-01 01:54:11 fota[2280]: Loading fw. done
2000-01-01 01:54:20 fota[2280]: Manual update finished
2000-01-01 01:54:20 fota[2280]: Waiting to next day
    
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