

Application Note

Instructions to upgrade SL60-401 / SL60-501 / SL60-4010 systems to firmware version 1.07.1206

To: Whom it may concern
Attachments: -

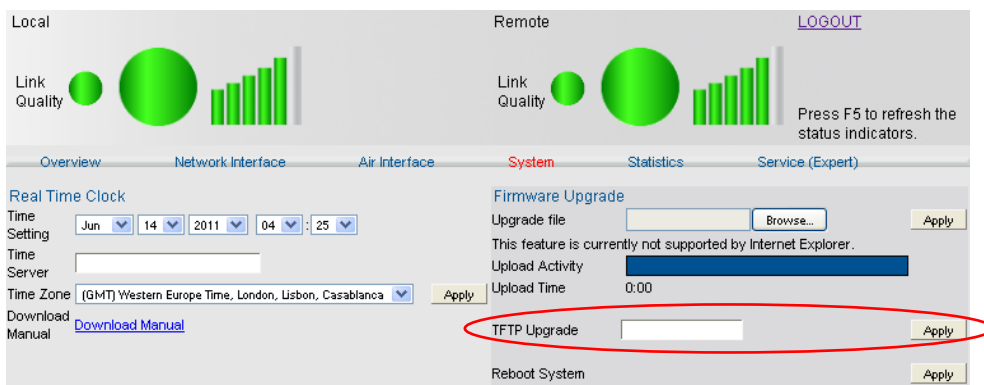
1 Option 1 (for Windows and Linux users)

1.1 Prerequisites

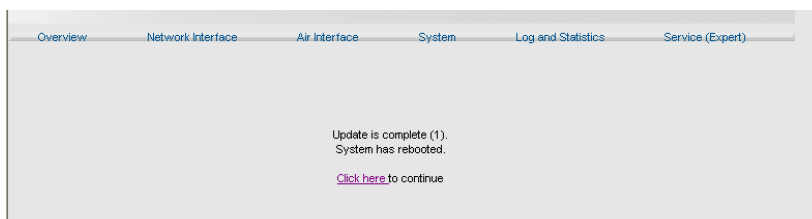
- A running TFTP server (e.g.: Tftpd32 → <http://tftpd32.jounin.net>).
- Access to the terminals web interface.
- Make sure that the terminals have access to the TFTP server (set the correct IP configurations).

1.2 Upgrade instructions

1. Download the latest firmware (according to your product type SL60-401, SL60-501 or SL60-4010) file from www.sl60.com .
2. Unzip the ZIP file
 <product type>_firmware_<version xyz>.zip
 and copy the files
 update.sh and FWSL60_2.tar.gz
 to the root directory of your TFTP server.
3. Access the web interface of terminal A (or B) and go to the “System” page.
4. Type the TFTP servers IP address into the “Upgrade tftp” field and push the “Apply” button.



5. Confirm any warning messages
6. The upgrade procedure will start. This will take approximately 20 to 30 minutes.
Do not switch off the terminals or click to any other pages on the web interface until the unit has rebooted automatically.



7. Go to step 3. and upgrade terminal B (or A).



2 Option 2 (for Linux users only)

2.1 Prerequisites

- A Linux system with a Secure Shell (SSH) client
- Access to the terminals SSH command line interface from the Linux system (set correct IP configurations and enable SSH on the “Service (Expert)” page)

2.2 Upgrade instructions

1. Download the latest firmware (according to your product type SL60-401, SL60-501 or SL60-4010) file from www.sl60.com .
2. Unzip the ZIP file
`<product type>_firmware_<version xyz>.zip`
and copy the files
`update_ssh.sh` and `FWSL60_2.tar.gz`
to a temporary directory of your choice.
3. Run the update script “update_ssh.sh” by typing
`./update_ssh.sh -u <USERNAME> <IP-ADDRESS>`
4. Follow the instructions on the screen.
5. The upgrade procedure will start. This will take approximately 20 to 30 minutes.
Do not switch off the terminals until the unit has rebooted.
6. Go to step 3. and upgrade terminal B (or A).

3 Option 3 (for Windows and Linux users, recommended to expert users only)

3.1 Prerequisites

- A Secure Copy (SCP) client
- A Secure Shell (SSH) client

3.2 Upgrade instructions

1. Download the latest firmware (according to your product type SL60-401, SL60-501 or SL60-4010) file from www.sl60.com .
2. Unzip the ZIP file
`<product type>_firmware_<version xyz>.zip`
3. Enable SSH on the “Service (Expert)” page of terminal A (or B).
4. Use SCP (Secure Copy) to copy the files
`update.sh` and `FWSL60_2.tar.gz`
to the terminal directory
`/mnt/Data/tmp`
5. Login to the terminal via command line SSH
6. Go to the directory
`/mnt/Data/tmp`
7. Change the permissions for the file “update.sh” as follows:
`chmod u+x update.sh`
8. Run “update.sh”:
`./update.sh`
9. Wait until the terminal has rebooted
10. Disable SSH on the “Service (Expert)” page
11. Go to step 3. and upgrade terminal B (or A)