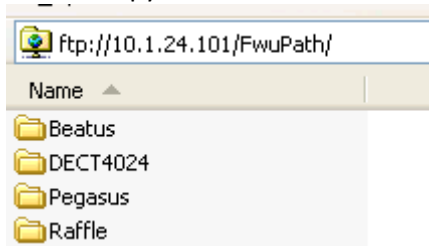# Firmware update Handset/Repeater over air (FWU)

1. TFTP server root, create directory "Pegasus" or "Raffle" depending on handset type.
2. Copy handset firmware to named directory.

3. Select page "Firmware Update"
4. Type IP address
5. Type Firmware path
6. Type new version for Handset: Raffle_8630 or Pegasus_UXP1240H
7. Type new version for Repeater: DECT4024
8. Press "Save"

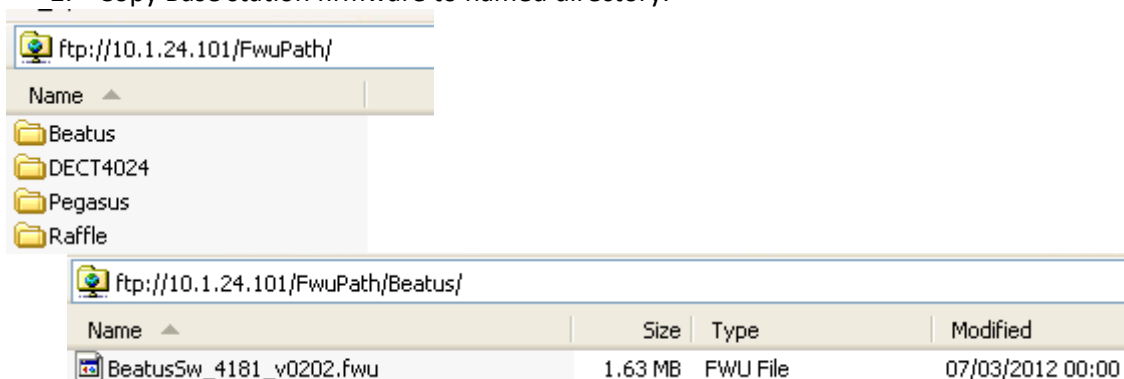Syslog information if Management syslog level = Debug.

```
FWU Downloading File tftp://10.1.24.101/FwuPath/Raffle/Raffle_v0227.fwu]
Firmware update started to version 227 for handset: 510]
```

Around 2:30 hour for handset to complete update, it will take more time if more handsets.

| | 18 | 510 | 510 04 | 11:88:70:2E:ED | SIP Registered@RPN08 | 225 | | 44% |

Firmware update Base Station via ethernet.

1. TFTP server root, create directory "Beatus"
2. Copy Base station firmware to named directory.

1) Select page "Firmware Update"
2) Type IP address
3) Type Firmware path
4) Press "Save"
5) If chain - select "Update all base stations"
6) Type new base version, this case 202 for v0202
7) Press "Start update"
8) Update started when LED on base station starts fast flashing after approx. 2 > 3 minutes.

Syslog information if Management syslog level = Debug.

```
[ FWU Downloading File tftp://10.1.24.101/FwuPath/Beatus/BeatusSw_4181_v0202.fwu]
[ Base FWU started]
[ Base FWU ended with exit code 2101 (NE_FILE_TRANSFER_EOF): End of file]
```

If Firmware doesn't start - then go to Page "Multi cell" and execute "Force Reboot chain"
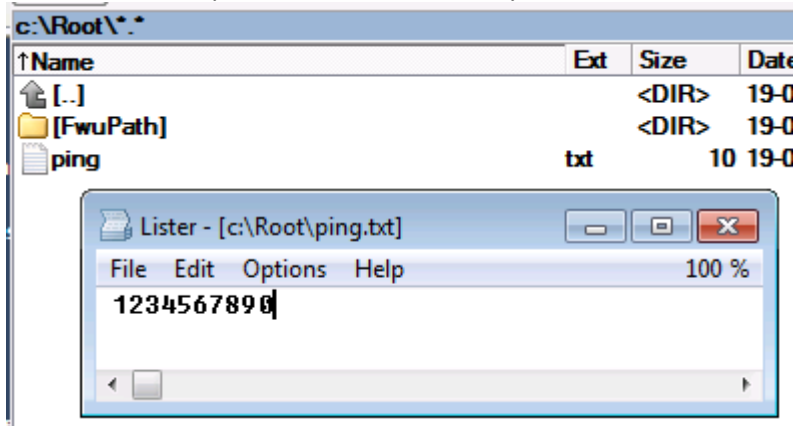*wait for chain stabilized and type version of Base station again and execute "Start update"*
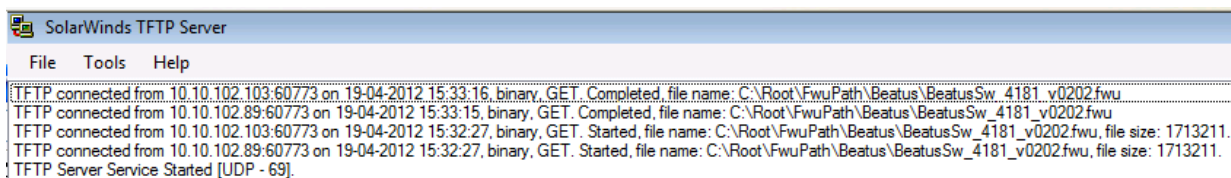
After Firmware update, chain status with new version.

Base Station Group

	ID	RPN	Version	MAC-Address	IP-Address	IP Status	DECT sync source	DECT property	Base Station Name
☐	0	00	202	00:08:7B:07:92:2F	10.10.100.215	Connected	Select as primary	**Primary**	Master
☐	1	04	202	00:08:7B:07:92:26	10.10.102.89	This Unit	Primary:RPN00 (-∞dBm)	Locked	Slave1

TFTP server verification - in case Firmware process doesn't work.

Create a file at tftp root, like this with 10 bytes.

↑Name	Ext	Size	Date
🔼 [..]		<DIR>	19-0
📁 [FwuPath]		<DIR>	19-0
📄 ping	txt	10	19-0

Lister - [c:\Root\ping.txt]

File   Edit   Options   Help   100 %

1234567890

Execute tftp get command.

```
C:\WINDOWS\system32\cmd.exe

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

d:\>tftp 10.10.100.53 get ping.txt
Transfer successful: 10 bytes in 1 second, 10 bytes/s

d:\>_
```
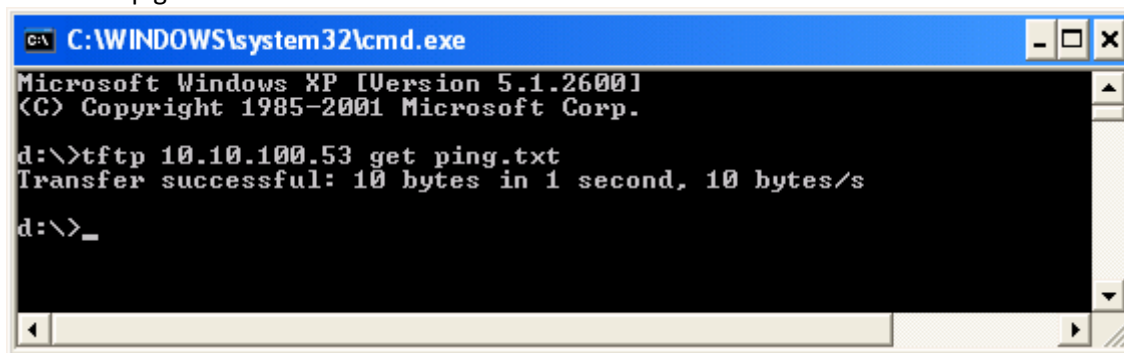
If "successful" tftp server is working.