Quick Software Upgrading Guide for SMT-W5100E Handset

Equipments

The following equipments/software are required to upgrade the SMT-W5100 handset to new software:

- Handsets for software upgrade
- A SMT-R2000 AP
- A laptop PC with a wi-fi card
- FTP or HTTP server software
 - One of the freeware can be downloaded from http://www.altools.net/Downloads/DownloadALFTP/tabid/89/Default.aspx

Note: Handset software (v1.2 and up) can be upgraded with or without an OfficeServ system.

Assumptions

- OfficeServ system IP address: 192.168.1.5
- Handset IP address: 192.168.1.101
- FTP or HTTP server (PC) IP address: 192.168.1.10
- SSID: A

<u>PC</u>

- 1. Make PC connection to the AP
 - a. Wireless: associate the laptop WLAN connection to the AP, or
 - b. Wireline: connect data cable between LAN port of AP and PC
- 2. Assign IP address of laptop
 - a. Ex: Assign 192.168.1.10 to the TCP/IP properties of WLAN (or LAN) connection
- 3. Optional
 - a. Create a user name and password for FTP or Web (HTTP) server
 - i. Ex:
 - 1. id: smtw5100
 - 2. password: smt.w5100
- 4. Create new folder called "SMT-W5100" under the FTP or Web (HTTP) server root directory. This is very important step. During upgrading process, handset will only look for SMT-W5100 directory.
 - a. If ALTFTP server software is used, the folder can be anywhere but user needs to point the server to the previous folder.
 - i. EX: The new handset software is located in c:\temp\SMT-W5100. User needs to point ALFTP to c:\temp.

- b. If Windows XP build-in server is used, created SMT-W5100 under
 - i. FTP default directory is c:\inetpub\ftproot\SMT-W5100
 - ii. Web default directory is c:\inetpub\wwwroot\SMT-W5100
- 5. Unzip handset software file
 - a. Filename example: SMT-W5100_office_v01.02.00_070131
- 6. Copy all handset files to new SMT-W5100 folder
 - a. Ex. ALFTP FTP server software
 - i. C:\temp\SMT-W5100
 - b. Ex: Windows XP build-in server
 - i. FTP default directory is c:\inetpub\ftproot\SMT-W5100
 - ii. Web default directory is c:\inetpub\wwwroot\SMT-W5100
- 7. Run the FTP or Web server software
 - a. For ALFTP,
 - i. click [Server] -> [Run Server]
 - ii. Type in Server IP address. Ex. 192.168.1.10
 - iii. Under Accounting Settings
 - 1. Click "Allow anonymous connections"
 - 2. Port: 21
 - 3. Max connections: 3
 - iv. Select file directory under Directory Settings
 - 1. ex. C:\temp
 - v. Click [OK]
 - b. For Windows XP server software
 - i. Click Start -> Run -> (type) services.msc under Windows OS
 - ii. Select service ex. "FTP Publishing" then click "Restart" if the service is "Stop".
- 8. Ping handset IP address from PC and obtain the response if handset is registered to the OfficeServ system
 - a. Start -> Run -> Open: cmd -> [OK]
 - b. C:\ping 192.168.1.101

<u>Handset</u>

The user registration data will be preserved during the software upgrade process.

- 1. Enter the hidden menu
 - a. Press [MENU], [HOLD], [*], [#]
- 2. Select [8. S/W Upgrade]
- 3. Select [1.Info. Setup]
- 4. If handset is registered to the OfficeServ system, skip this step
 - a. Select [2. High Setup]
 - b. Enter [System SSID]
 - i. Ex. "A" (must match with the SSID from the SMT-R2000)
 - c. Enter [Phone IP Addr]

- i. Ex. 192.168.1.101
- 5. Select [1.Basic Setup]
- 6. Enter the IP address of the PC
 - a. Ex. 192.168.1.10
 - b. Use '*' for '.'
 - c. Press [OK] to proceed
- 7. Press [OK] to skip ID and password if no ID and password are set up, else
 - a. Enter the user ID to access the server software
 - i. Ex. smtw5100
 - ii. Press [MENU] key to switch to lower case
 - iii. Press and hold key to enter numeric digit
 - b. Enter the password to access the server software
 - i. Ex. smt.w5100
 - ii. Press [MENU] key to switch to lower case
 - iii. Press and hold key to enter numeric digit
 - iv. Press '1' to enter '.'
- 8. Select the protocol and press [OK] to proceed
 - a. Select [1] for HTTP or
 - b. Select [2] for FTP
- 9. Press [OK] to skip version test cycle
- 10. Press [C] to exit [Info. Setup]
- 11. Select [2. View Current] to make sure all info are correct
 - a. Press [C] cancel key to return to the previous menu
- 12. Select [3.Upgrade] to the software upgrade process
- 13. Select [Yes] to confirm the process
 - a. Do not power down the handset during the upgrade process.
 - b. The handset may reboot few times before the process is completed.

Note:

To add the Web (HTTP) or FTP server software under Windows XP:

- Click Start -> Settings -> Control Panel
- Click "Add or Remove Programs"
- Click "Add or Remove Programs" icon
- Click "Add/Remove Windows Components" under left panel
- Check "Internet Information Services (IIS) and press [Next]
 - You may need the Windows XP operating system CD or files in c:\i386
 - Click [Details] to check FTP server option
- Click [Finish] to complete

To add new user under Windows XP:

- Click Start -> Settings -> Control Panel
- Click "User Accounts"
- Click "Advanced" tab
- Click "Advanced" button under Advanced User Management
- Select Users and right click "New User..."
- Add new user ID and Password for the PC