

Bulletin No.: 183\_Wireless\_V01.06.04

October 10, 2008

## Samsung OfficeServ™ Wireless Handset SMT-W5100E Software Release Version 01.06.04



Samsung Telecommunications America is pleased to announce a new software version for the OfficeServ Wireless handset model SMT-W5100E. Using this software together with OfficeServ 7000 v4.22 provides numerous new features. One of these is the long awaited REMOTE LOCATION OPERATION. Now the SMT-W5100E can be registered to the phone system from a remote location using a different subnet mask. Remote warehouses, offices or home workers are prime candidates that will benefit from using remote wireless handsets.

### REMOTE LOCATION OPERATION



### NEW SOFTWARE AVAILABILITY

Beginning October 13, 2008 all SMT-W5100E handsets shipped from STA warehouse will have V01.06.04 software.

Samsung Telecommunications America  
Business Communication Systems  
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Richardson, TX 75082

## Samsung Wireless Software Release V01.06.04

Product	Version	Date Code
SMT-W5100E 802.11g Handset	V 01.06.04	08-14-2008

This new software is available to download from Samsung GSBN website. Follow the software upgrade procedures taught in the OfficeServ Wireless Instructor Led class to update handsets already in the field.

To take advantage of the new features offered in this new handset software the OfficeServ 7100, 7200 and 7400 system must be running main system software V4.22, 08.08.20 or higher. New handset software will work with existing OfficeServ 100/500 IP enabled systems but will not support REMOTE LOCATION OPERATION. This feature is only available with OfficeServ 7000 systems.

The SMT-W5100E handset software version can be checked by using one of the following methods:

1. [MENU], [8. System], [0000], [7. Version Info], or
2. [MENU], [HOLD], [\*,], [#], [1]

### NEW FEATURES AND ENHANCEMENTS

1. Remote Location Operation (via non SIP mode). This feature allows the handset to work at remote office or home office environment. This feature only works with OfficeServ 7000 systems.
2. Auto SSID Scan feature. This allows user to scan the available SSIDs in the surrounding area. User can select the SSID rather than manually typed in the SSID.
3. Display both caller name and number at the same time.
4. Added function to display IP & MAC address in System menu.
5. Added reduced ringer volume during the first 3 seconds of receiving incoming calls. This is referred to as Meeting Ring in the cell phone industry.
6. Broadcom driver updated to improve overall handset performance.
7. Added support for FON AP.
8. Set power saving bit (PS) field in management packet to disable (0).
9. Added function to synchronize the system parameters (volume level, packetization time, side tone, etc.) with the handset.

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### BUG FIXES

1. Name display error is fixed when the handset is station paired with a desk phone.
2. "Ring in ear" problem is fixed.
3. Fixed ring continuously problem when handset is out of range.
4. Fixed ring continuously problem when caller disconnects the IP phone call and handset is registered in "non SIP mode".
5. Fixed the un-registration problem. When handset is registered to all 4 systems in non-SIP mode, if users un-register handset from one system all other systems will change to SIP mode.
6. Fixed the problem that when making outbound call on SPnet, the ringback was generated once.
7. Fixed the reboot problem when select "menu-> phonebook -> outgoing calls/missed calls" when there is over 16 numbers.
8. "Register Fail" string is changed to "Unregistered" when handset has no registration data.
9. Signal level (SL) display error was fixed at "AP call test" under hidden menu. This fix displayed correct SL in the self connection mode.

### DOCUMENTATION

Updated version of "OfficeServ Wireless Quick Reference Document" is available for download on the Samsung's GSBN website at <http://www.samsunggsbn.com/> under Communication→Technical Support→Downloads→Technical Manuals.

### TRAINING

Instructor led OfficeServ Wireless (Course # 3020-01-IL) training classes are available through the training department. For a list of available classes and seat availability, download the current Instructor Led training schedule from the GSBN website under Communication→Training→Downloads→Schedules.

We highly recommend you to obtain Wireless Certification before any OfficeServ Wireless installation.

If you have any questions regarding this product Bulletin, please contact your Regional Sales Manager, or Sales Engineers at the number provided below, or send an email to [BCS.Sales@samsung.com](mailto:BCS.Sales@samsung.com).

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### Service Tips

Two handset registration modes are introduced starting from handset software version 1.5.4 and up. They are SIP Mode and Non SIP Mode.



**“SIP Mode”** Existing wireless node with same subnet.

Note: Handset must be set to “SIP Mode” when using an IP enabled OfficeServ 100 or 500 system or a single location OfficeServ 7000 system.

**“Non SIP Mode”** Select this to use REMOTE handset operation with different subnets. Available only on OfficeServ 7000 systems.

#### SIP MODE

- Works within the same subnet range. That means no support for the remote site.
- If MMC 849 “Static WIP IP” is set
  - DISABLE:
    - User can use “System DHCP” during handset registration. In this case the handset IP address is assigned by OfficeServ system from MMC 848.
    - User can use “Static IP Mode” during handset registration. In this case the handset IP address is assigned by user, or
    - User can use “Standard DHCP” during handset registration. In this case the handset IP address is assigned by the DHCP server.
  - ENABLE:
    - User can use “Static IP Mode” during handset registration. In this case the handset IP address is assigned by user, or
    - User can use “Standard DHCP” during handset registration. In this case the handset IP address is assigned by the DHCP server.
- If MP software is V4.22, MMC 845 must set DELETE SIP:DISABLE (use SIP mode).

#### NON SIP MODE

- Works with OfficeServ 7000 systems with MP software V4.22 and up.
- Allow SMT-W5100E to work at remote sites with different subnet range.
- MUST have the following MMC (in MP V4.22) settings in addition to other required setting.
  - MMC 845: DELETE SIP:ENABLE (use non SIP mode)
  - MMC 849: STATIC WIP IP:ENABLE
    - Handset IP address can either be assigned by administrator statically or by “Standard DHCP” (DHCP server).