

Bulletin No.: 141_OfficeServ_Wireless

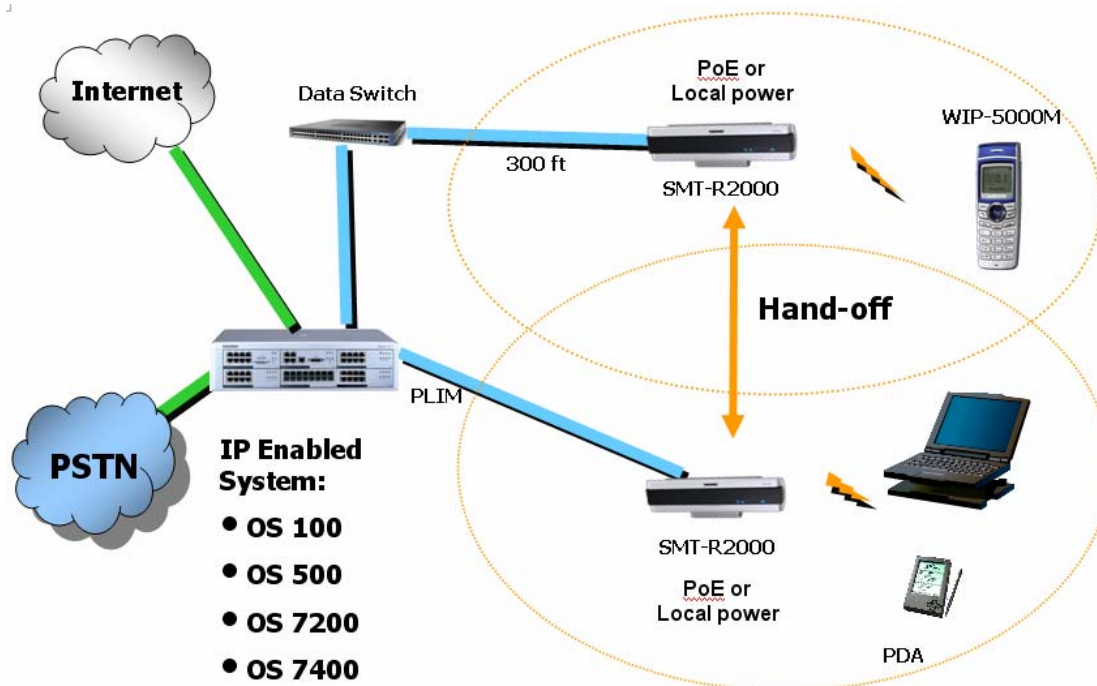
June 12, 2006

Samsung OfficeServ Wireless IP-Centric Wireless LAN Access Point Product Release

The IP-CentricWireless LAN (WLAN) Access Point (AP) - SMT-R2000 is the newest OfficeServ Wireless system component. The IP WLAN AP utilizes any of the current Media Gateway Interface (MGI) card to communicate between the telephone system and the IP Data Network. This AP is an enterprise class access point. It provides all features that are available to enterprise class AP, multiple SSIDs, load balancing, enhanced security, QoS, Web management, access mode, repeater mode, and Wi-Fi certified. Samsung's OfficeServ systems can support unlimited numbers of the IP WLAN APs.

The IP WLAN AP (SMT-R2000) and the Telephony-Centric AP (WBS24) can not be mixed in the same system. The administrator must choose one type of AP in the MMC 849.

SYSTEM CONFIGURATION



Samsung Telecommunications America
Business Communication Systems
1301 East Lookout Drive
Richardson, TX 75082

Samsung OfficeServ Wireless Product Release

SYSTEM COMPONENTS FOR IP-WLAN SOLUTION

- 1 Media Gateway Interface (MGI) Card
- 2 IP-WLAN Access Point (SMT-R2000) **NEW PRODUCT!**
- 3 Wireless Internet Phone 5000 Mobile Handset (WIP-5000M)

SYSTEM CAPACITY TABLE

	OfficeServ 100	OfficeServ 500	OfficeServ 7200	OfficeServ 7400
Maximum SMT-R2000 APs	No Limitation	No Limitation	No Limitation	No Limitation
Maximum WIP-5000M Registration	56	120 (M) 240 (L)	120	192
Maximum Simultaneous Handset Voice Calls	Limit by MGI Channel*	Limit by MGI Channel*	Limit by MGI Channel*	Limit by MGI Channel*

* MGI channel is required for WIP to TDM call.

NEW RELEASE HARDWARE

IP-WLAN ACCESS POINT (SMT-R2000)

The IP WLAN access point (SMTR2000) provides the wireless coverage to the building. It supports IEEE 802.11a/b/g WLAN standard for both voice and data. Voice IP packets are given priority over data packets. The quality of the service for voice is always guaranteed.



SMT-R2000

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Highlights of SMT-R2000 Features

- Two high speed radios
 - o Radio 1: 5GHz IEEE 802.11a (54 Mbps)
 - o Radio 2: 2.4 GHz IEEE 802.11b/g (54 Mbps)
- 8 voice calls per AP
- 8 SSIDs
- Access mode
- Repeater mode
- Router mode
- Load balancing
- RP-SMA type connector for external antenna
- Enhanced security mode (WEP, WPA, WPA2, etc.)
- Support PoE (Power over Ethernet)
- Easy Web Management
- Wi-Fi certified
- No MGI channel required for conversation between handset to handset or handset to ITP desktop phone

NEW RELEASE SOFTWARE

SMT-R2000

v1.00.00, Feb. 22, 2006

Required the following version of MCP software to work with the SMT-R2000 product

OS 100 MCP

v2.63 or up

OS 500 MCP

v2.63 or up

OS 7200 MCP

v2.63 or up

OS 7400 MCP

v3.31 or up

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NEW MMCs

Four MMCs (845 to 849) are used for the OfficeServ IP-WLAN.

Related Function	MMC No.	Description
Registration and Setting of WLAN	845	WLAN parameter setting
	846	Sets WIP-5000M information
	848	Sets WIP-5000M IP address
	849	Select WAP type, enable/de-register handset.

LITERATURE AND DOCUMENTATION

OfficeServ Wireless Brochure

An OfficeServ Wireless brochure is available for ordering using normal Samsung ordering procedures (L-SB-OSWLAN). A PDF of the brochure is available on the GSBN web site (www.samsunggsbn.com) under the Sales & Marketing Support/Download Documents area.

Documentation & Technical Manual

The General Description, WIP-5000M User Guide, Installation Guide, SMT-R2000 Service Manual and Technical Manual are available on the OfficeServ Wireless Technical Manual CD-ROM (L-CD-OSWLAN). Certain PDFs of the documents are available on the GSBN website. Printed copies can be purchased online using the Samsung-FedEx Kinko's Print-on-Demand web site (<https://psg.kinkos.com/samsung>).

TRAINING AND CERTIFICATIONS

Dealers do not require certification to sell the Samsung IP-WLAN AP product. However, dealers require technical training certification in order to receive technical support. Training schedules are available at the GSBN web site (www.samsunggsbn.com).

If you have any questions regarding this notice, please contact your Regional Sales Manager, your Customer Service Representative at the number provided below, or via email at BCS.Sales@samsung.com

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