


VoWLAN Application Notes

Dual-Band AP (SMT-R2000)

VWN (Virtual Wireless Network) Settings

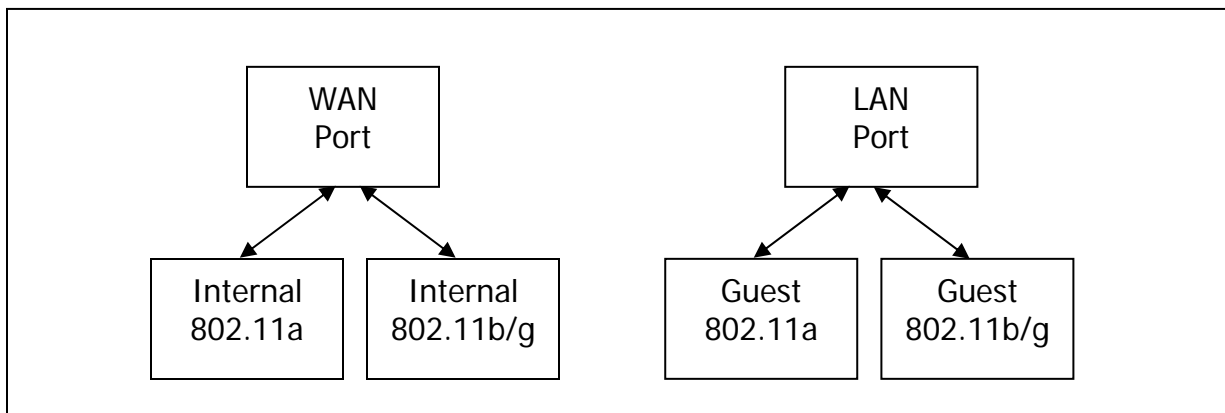
CASE 1: Two Separate Networks: WAN port for internal SSID and LAN port for guest SSID

Manage  Ethernet Settings
Guest Access: Enable
For Guest Access: LAN Port


It will be working like 2 APs. These virtual 2 APs cannot communicate with each other inside SMT-R2000.

AP1 (Internal): WAN Port with Internal SSID (a+ bg)

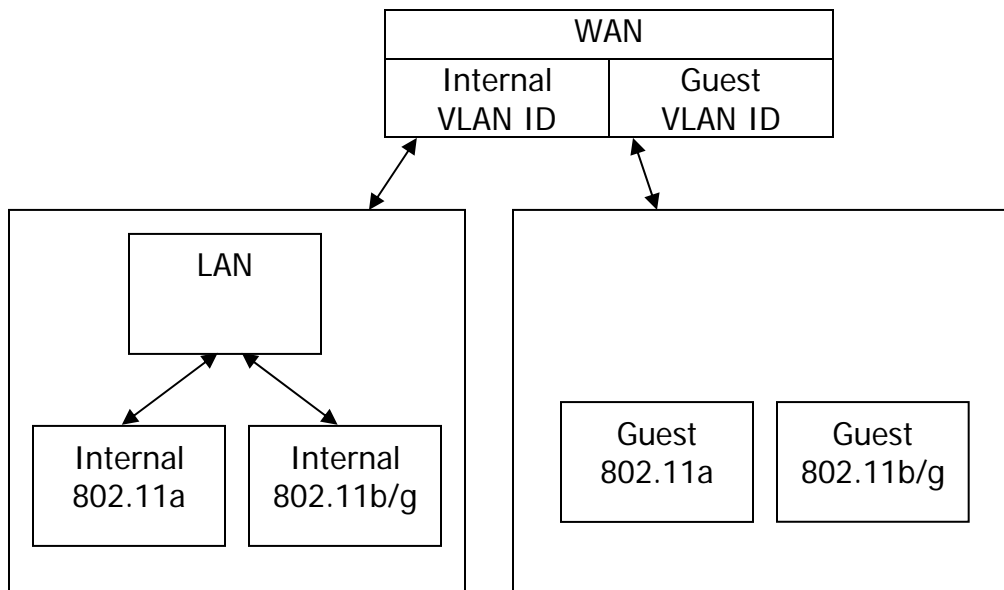
AP2 (Guest): LAN Port with Guest SSID (a + bg)




CASE 2: One Network (WAN port) with Guest SSID

Manage  Ethernet Settings
Guest Access: Enable
For Guest Access: VLAN WAN Port

AP1 (Internal): Internal SSID (a+ bg) to WAN PORT (Internal VLAN ID) and LAN Port
AP2 (Guest): Guest SSID (a + bg) to WAN PORT (Guest VLAN ID)



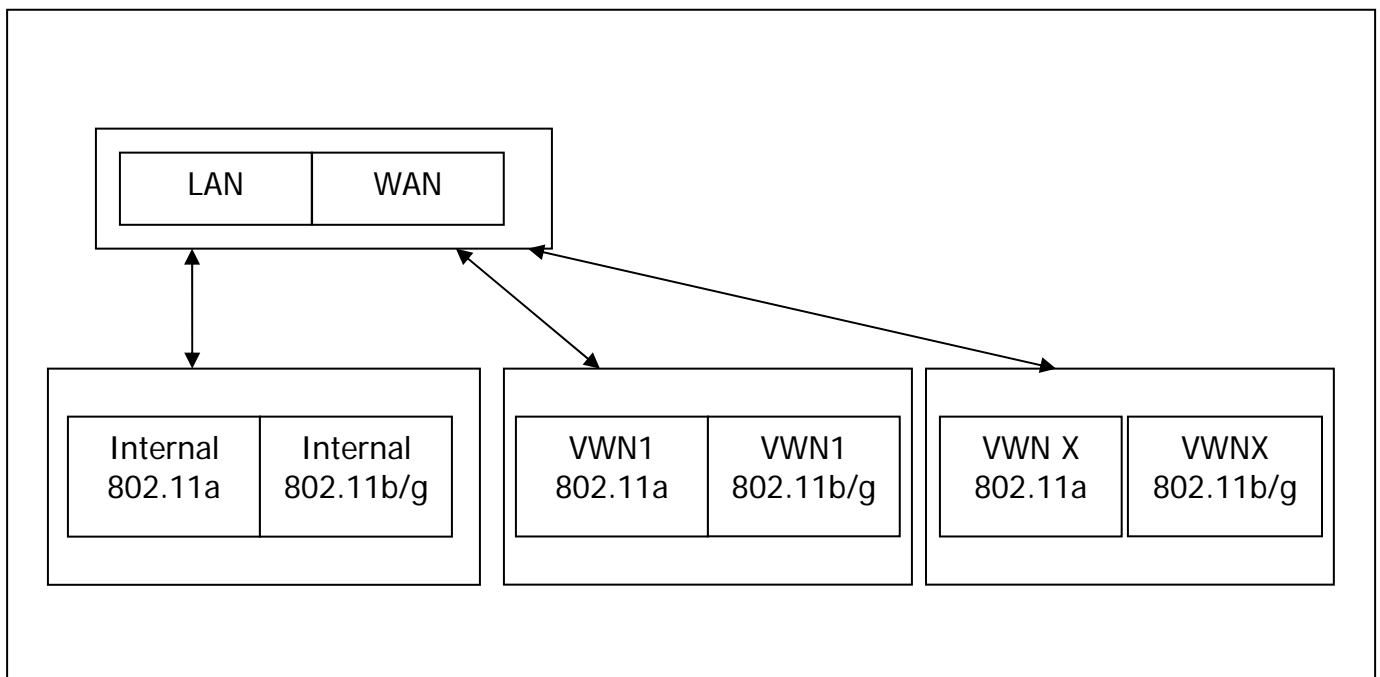
CASE 3: One Network with Multiple SSIDs (no guest SSID)

Manage  Wireless Settings
Virtual Wireless Networks: Disabled
VWN Enabled VLAN ID SSID: check box and enter the VLAN ID


One AP supports multiple SSIDs with different security policies.


AP1 (Internal): Internal SSID (a+ bg) to WAN port and LAN port.

All SSIDs will access to WAN port and LAN port but with different security policies.

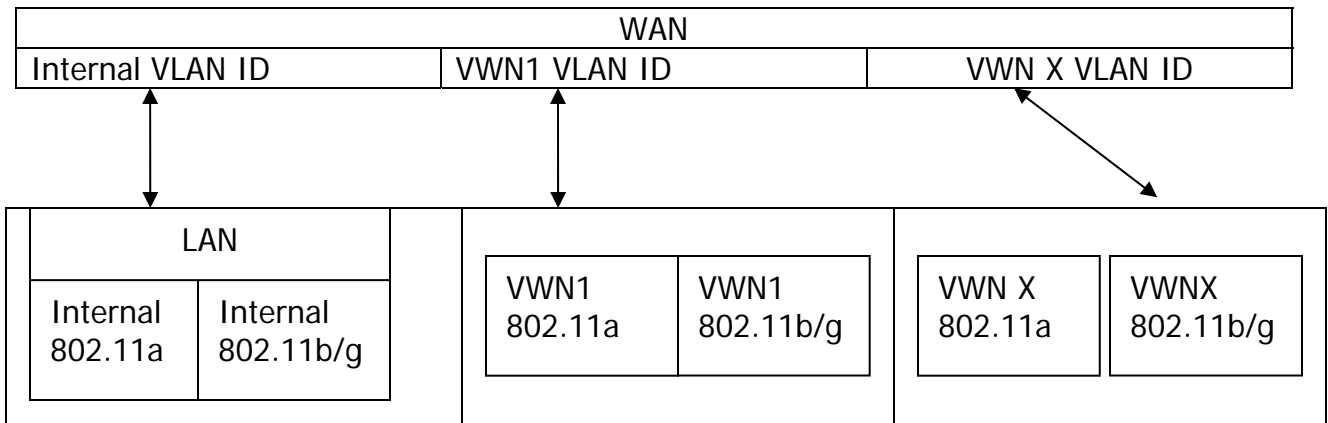


CASE 4: VWN to WAN port and VLAN to WAN and LAN port

Manage  Ethernet Settings
Virtual Wireless Networks: Enabled
(Using VLANs on Ethernet Port 1)

Manage  Wireless Settings
Virtual Wireless Networks: Enabled
VWN Enabled VLAN ID SSID: check box and enter the VLAN ID

AP1 (Internal): Internal SSID (a+ bg) + LAN Port + WAN port (Internal VLAN ID)
AP2 (VWN1): VWN1 SSID (a + bg) + WAN port (VWN1 VLAN ID)
APx (VWNx): VWNx SSID (a + bg) + WAN port (VWNX VLAN ID)



WIP-5000M USAGE TIPS

1. General

- Press any key (except <end>) to answer calls
- Press-hold last digit to dial
 - E.g. dial ext 2001, you can press & hold "1" to dial the string
- Press-hold # to lock keypad
- Press-hold * to turn on/off vibrator
- Press <envelop> key to check voice mail status
- Press <menu> key during calls to show system soft keys
- Press <OK> to display missed call info
- Under "Ring Type", "3:Vibrate&Ring"; the handset will vibrate 3 times then ring.

2. User locks the handset and forget the password

- Use MMC 101 to reset password to 1234, or
- If handset is not registered but keypad lock, use the following sequence to display password
 - <menu>, <hold>, <transfer>, <conf>, <right>, <left>, <down>, <up>

3. Call Park

- a. Automatic park with Paging function
 - i. Press <menu> during outside phone conversation
 - ii. Press <1> and enter page zone
 - iii. Press <end> after paging to put call to park
- b. Manual Park orbits
 - i. Press <TRSF>, feature code, and orbit number while in outside phone conversation

4. Pick up a parked call

- a. While handset is in idle state, press feature code (e.g.10) and <talk> key, then extension #
- b. Program a "Park Pick Up" key to pick up a PARK call.
 - Program a phone book entry
 1. Use name "Pick Up" (you can use other name)
 2. Enter phone number as feature code, say 10 (use MMC 724 to verify the feature code)
 3. Assign this entry as a handset speed dial number, say 1
 - When you want to pick up a ring extension, say ext 2001, you can press and hold <1>, then enter <2>,<0>,<0>,<1>.

5. To share the same voice mail box while WIP-5000M is station pair with a desk phone.

- No change to the existing voice mail setting
- Desk phone will receive voice mail indication light on an assign button. User can use VM key to access voice mail.
- Wip-5000M will receive the "Voice Mail Indication" with number of message.

STEPS:

- **Switch**

MMC 217 to Pair Primary EXT with WIP EXT
MMC 722 to assign MW 33xx Key (where 33xx = WIP EXT)

- **SVMi**

In primary MBX on Page two set MWI Extension to 33xx
(where 33xx = WIP EXT)

Setting up MWIs in this manor allows you to have the same MWI on both the WIP

EXT and the Primary EXT. The downside is you will no longer have a Display with

the number of new messages and the MWI on the top edge of the phone will no longer light when you have new messages.

In "Direct Station" Menu program 33xx TRAN 67xx
(where 33xx = WIP EXT and 67xx = Primary EXT)

As long as WIP EXT is not going to be published, then No EXT and/or MBX Block is required in the SVMi

6. WIP-5000M Port Usage

RTP port for voice:	8004 to 8012
RTCP:	19990 to 20000
LM message for signal:	10000, 10001
PA message for signal:	8000, 8001
SIP stack for signal:	5060, 5080