Chapter 5   Monitoring

## Controller

Summary

This screen displays a summary of the current managed Access Point status, rogue access points detected, current wireless stations connected, FWC2050 System Information and Network Usage. Clicking on the individual windows will lead to a new screen showing greater detail.

Up: Managed Access Points running properly.

Down: Number of managed Access Points which cannot be pinged.

Critical: Number of managed Access Points which can be pinged but cannot be logged in or device is different from the one which was configured.

Major: Number of managed Access Points whose configuration differs from the one which is set on the FWC2050. This is mostly owing to Access Point having an unsupported software version running or configuration changes were done on WMS when Access Point was Down/Offline.

Rogue AP Current: The number of unique rogue/neighboring Access Point bssid which can be observed now.

Rogue AP Count 24hrs: The number of unique rogue/neighboring Access Point bssid observed over the last 24 hrs.

Wireless Clients: This section displays count of Current Wireless Stations of managed Access Points.

FWC2050 Firmware Version: Current FWC2050 firmware version.

Controller Uptime: Time since last controller restart.

Last Reboot: When was the FWC2050 rebooted last time.

Last Configuration Change: When last configuration change was done on the FWC2050.

Last Channel Allocation: When last automatic channel Allocation was performed.

Last Admin Login: When Admin logged in last time.
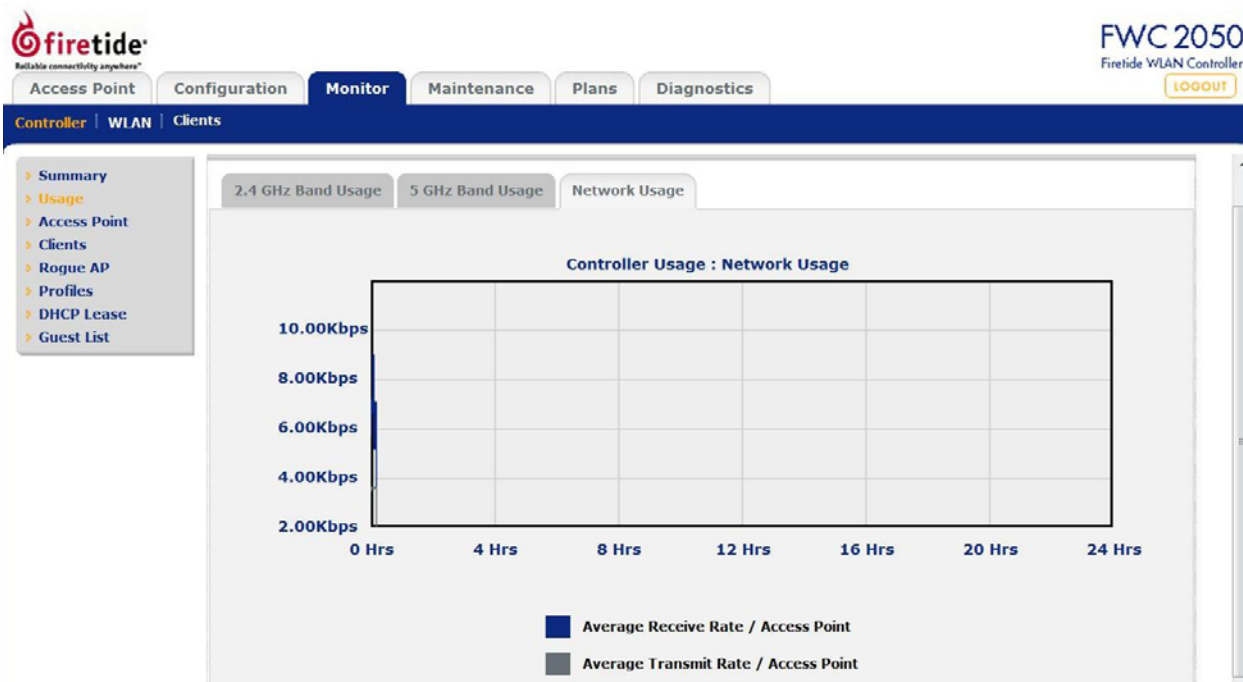
Usage

This shows the transmit, receive, and network usage rates for the AP.

Access Point List

This shows the status of each AP under management.

Name: Displays name of Access Point.

Location: Displays location of Access Point.

Status: Displays status of Access Point.

MAC Address: Displays MAC Address of Access Point.

IP address: Displays management IP address used by the FWC2050 to connect to Access Point.

Model: Displays Access Point Model.

Building: Displays building name where Access Point is located.

Floor: Displays floor where Access Point is located.

2.4 GHz channel: Displays 2.4 GHz channel configured on Access Point.

5 GHz channel: Displays 5 GHz channel configured on Access Point.

Uptime: Shows elapsed time since last AP reboot.

Clients

This shows connected clients.

Rogue AP List

Rogue AP

Select	MAC	SSID	Channel	Privacy	Last Beacon	Category	Known/UnKno
						All	All
⦿	00:26:f2:8b:20:30	NG_11a	40	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:2c:00	NG_11g_LoadBalance	6	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:37	NG_11a-7	40	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:20	NG_11g	1	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:2c:10	NG_11a_LoadBalance	153	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:21	NG_11g-1	1	Unsecured	Wed Dec 31 16:33:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:22	NG_11g-2	1	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:23	NG_11g-3	1	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:24	NG_11g-4	1	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:25	NG_11g-5	1	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:26	NG_11g-6	1	Unsecured	Wed Dec 31 16:37:19 1969	Neighbor	Unknown
○	00:26:f2:8b:20:27	NG_11g-7	1	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:26:00	NG_11g_LoadBalance	6	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:26:f2:8b:26:10	NG_11a_LoadBalance	149	Unsecured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:18:c2:04:0b:3b	NewFTGuestAccess	11	Secured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown
○	00:18:c2:00:01:97	4500WPA2	1	Secured	Wed Dec 31 16:49:19 1969	Neighbor	Unknown

This shows a list of detected rogue APs. You can double-click on an AP to see a detailed view. The shaded region (at right in this example) shows the estimated location of the rogue AP.

00:26:f2:8b:20:30 is found at Building-1 on floor 1

10.0.3.120

Profiles

SSID:	Wireless SSID configured for that Profile.
Security:	Open/wep/wpa/wpa2 authentication mode of security.
Mode:	802.11 b/bg/ng or 802.11 a/na mode for security profile.
Status:	Indicates usage of that profile.
Group Name:	Name assigned to the group.

DHCP Lease

The DHCP Lease screen displays current DHCP clients which have been allocated IP addresses.

|	
Host Name:	The host name of the client, if possible to resolve.
IP:	IP address allocated to DHCP client by the FWC2050.
End Time:	The DHCP Lease End time for DHCP client.
End Date:	The DHCP Lease End date for DHCP client.
MAC:	The Ethernet MAC address of DHCP client.
VLAN:	VLAN the Client is using to connect.

Use the **REFRESH** button to update client DHCP Lease display.

Guest List

This shows IP address and email addresses (obtained during guest access login).
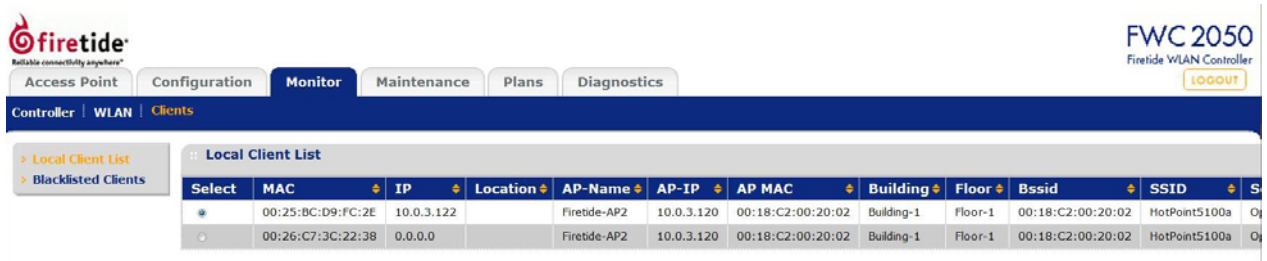
WLAN

SSID Mapping
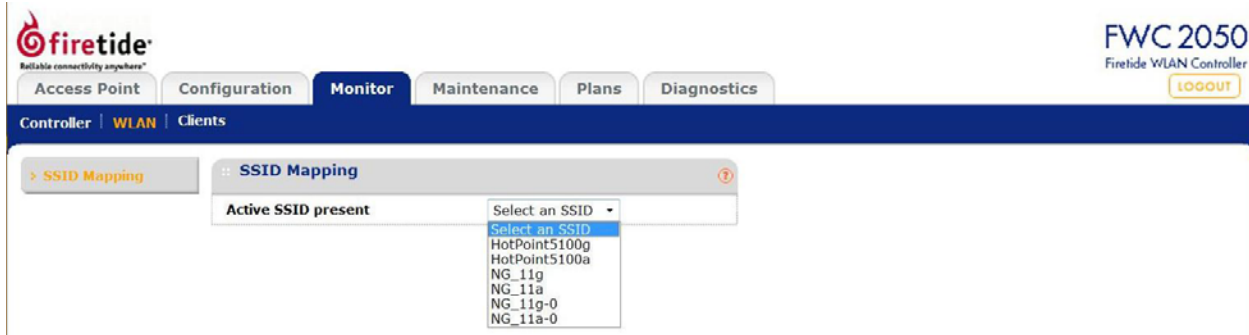
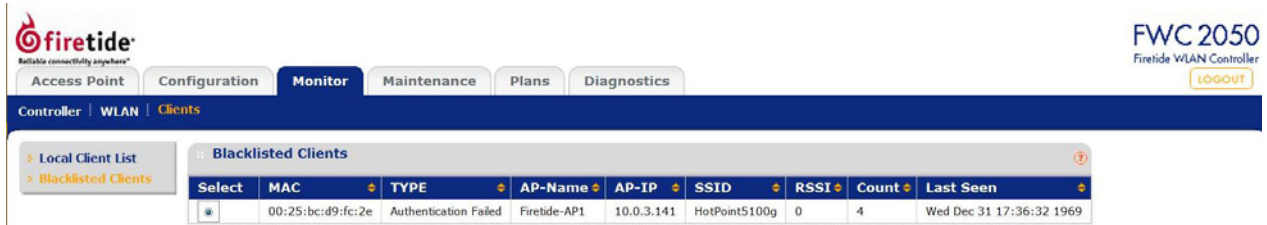This shows the SSIDs detected within range of the AP network.

Clients

Local Client List

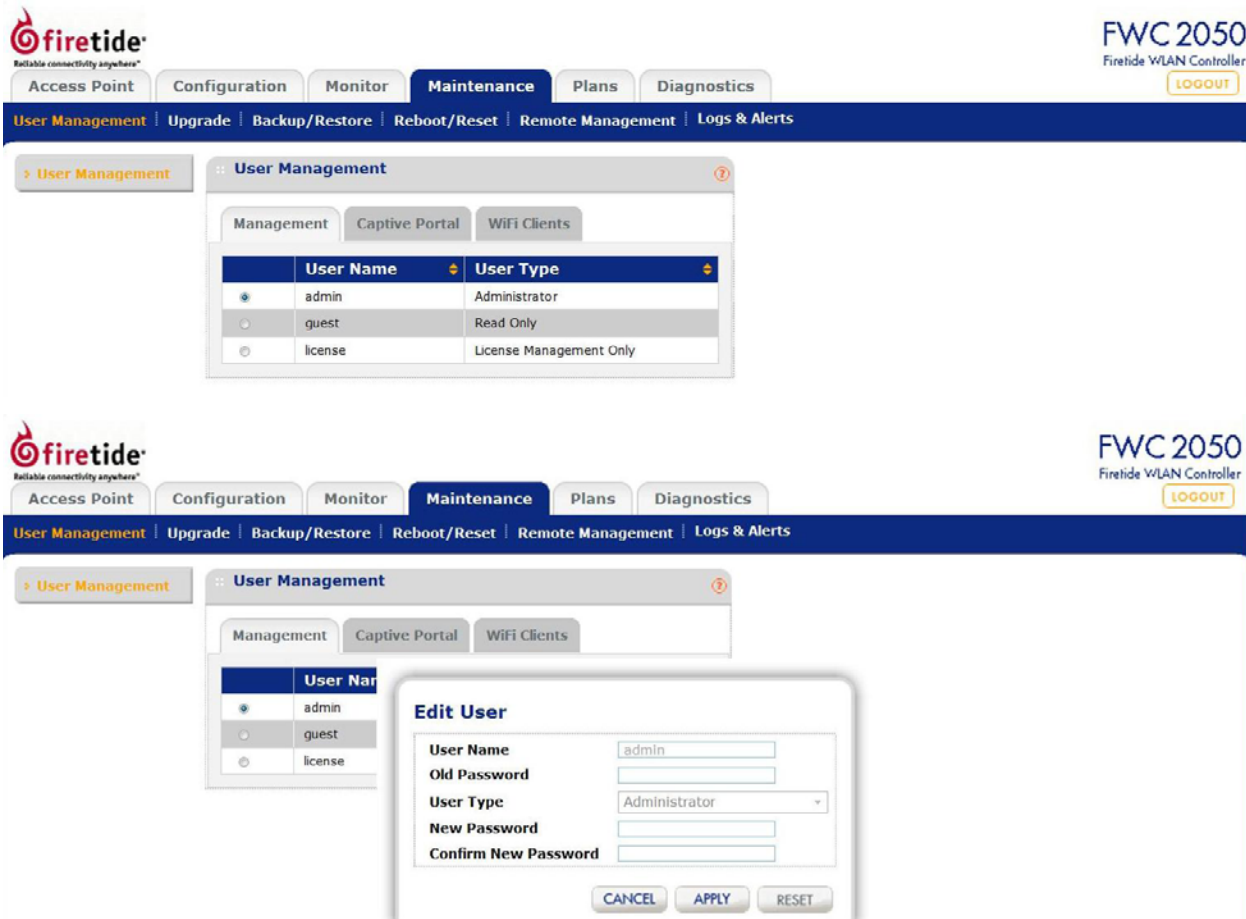This screen shows connected clients.

Blacklisted Clients

This screen shows blacklisted clients.

Chapter 6   Maintenance

User Management

This allows adding and removing FWC2050 administrative users. "admin" is the default user with administrative privileges and cannot be removed.

User Name: Add the name of the new user.

Old Password: Enter the old password to make changes.

User Type: Specify the type of access permitted to FWC2050 user Read-only/Administrative. A read-only user cannot make any configuration changes. He is allowed to see the all the statistics and configuration information.

Password: Type a new user password.

Confirm Password: Retype the new user password to confirm.