D-Link[®]

Version 1.0 | 12/20/2012

User Manual

AP Manager II Lite Business Class Networking

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Product Overview

AP Manager II Lite is a convenient software tool used to manage the configuration of your wireless network from a central computer. With AP Manager II Lite there is no need to configure devices individually.

AP Manager II Lite allows you to configure AP settings, update the firmware, and organize and sort your APs into manageable groups.

Minimum System Requirements

For best results, the following minimum requirements are recommended on any system used to configure a router:

- Computer with: 1Ghz processor / 512MB RAM / 200MB available space / CD-ROM drive
- Windows® XP (with Service Pack 2), Windows Vista®, Windows® 7

Access Point Requirements

• SNMP must be enabled on access points used with AP Manager II Lite.

Installation

To install the AP Manager II Lite, insert the CD into your CD-ROM drive.

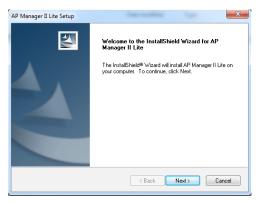
Step 1 - When the autorun screen appears, click Install Platform.

Note: Windows Firewall presents you with a warning message to unblock the device. Click **Unblock** to give your computer access to the installation process.



Step 2 - The Installation window appears.

Click Next to continue.



Step 3 - Select the installation location.

Click Next to continue.

Step 4 - Select the Program Folder.

Click Next to continue.

AP Manager II Lite Setup
Choose Destination Location Select folder where setup will install files.
Setup will install AP Manager II Lite in the following folder.
To install to this folder, click. Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\D-Link\AP Manager II Lite Browse
InstallShield
< Back Next > Cancel

AP Manager II Lite Setup
Select Program Folder Please select a program folder.
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.
Program Folder:
AP Manager II Lite
Existing Folders:
Accessories Administrative Tools Games Maintenance Startup Tablet PC
InstallShield Cancel

Section 3 - Installation

Step 5 - Installation begins.

Please be patient while the installation process takes place (a matter of seconds).

Step 6 - Click **Finish** to exit the Wizard.

Setup Status
AP Manager II Lite is configuring your new software installation.
InstallShield
Cancel

x

AP Manager II Lite Setup

AP Manager II Lite Setup	
	InstallShield Wizard Complete Please install the module which you want to manage before running AP Manager II Lite
	< Back Finish Cancel



Step 7 - An *AP Manager II Lite* icon will appear automatically on your desktop. Before you click the icon to start the program, install the module.

Step 8 - Browse the location where you have the module. Doubleclick the module to install it.

Organize 🔻 Include in	library Share with Burn New f	older			8== •	
🔆 Favorites	Name	Date modified	Туре	Size		
E Desktop	APM2Lite_DAP2690b v3.00-R07-FWv300r	11/21/2012 2:35 PM	Application	2,662 KB		
鷆 Downloads	APM2Lite_DAP2690b v3.00r07-RNote.doc	11/27/2012 1:13 PM	DOC File	224 KB		
Recent Places						
🔚 Libraries						
Documents						
🌙 Music						
Pictures						
😸 Videos						
🛤 Computer						
🏭 Local Disk (C:)						
🚗 Removable Disk (E:)						
🗣 Network						



Step 9 - The module Wizard for the DAP-2690 *AP Manager II Lite* will begin.

Click Next to continue.

Step 10 - The wizard will install the module momentarily.

Click **Cancel** if you wish to exit, otherwise wait for the installation process to complete.

Welcome to the InstallShield Wizard for DAP-2690 AP Manager II Lite Module The InstallShield® Wizard will install DAP-2690 AP
Manager II Lite Module on your computer. To continue, click Next.
< Back Next > Cancel

DAP-2690 AP	Manager II Lite Module Setup	x
Setup Stat	lus	4
DAP-2690) AP Manager II Lite Module is configuring your new software installation.	
InstallShield —	Cancel	

Step 11 - Click Finish to close the wizard.

	InstallShield Wizard Complete The InstallShield Wizard has successfully installed DAP-2690 AP Manager II Lite Module. Click Finish to exit the wizard.
--	--

Step 12 - Right-click the icon and click Run as administrator.



Step 13 - Enter the User Name and Password at the login screen.

Click **OK** to continue.

AP Manag	ger II Lit	e	
User Name			
Password			
	ОК	Cancel	
Соругі	gnt(C)2009-2012 D-L	ink Corportion	

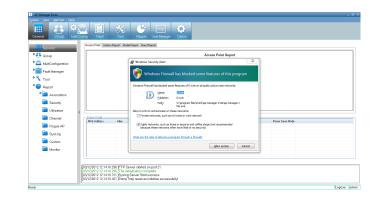
Step 14 - If you have entered the login details incorrectly, the software will warn you and prompt you to enter the correct information.

Click **OK** to continue and enter the correct details.



Step 15 - Windows Firewall will block the program if you do not provide it access.

Click the **Allow access** button to continue.



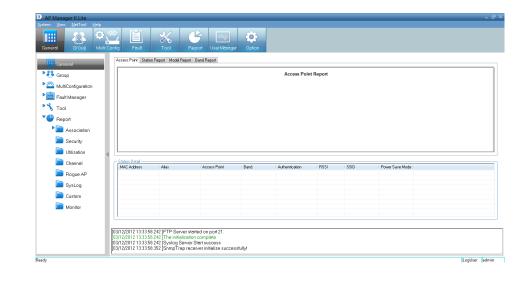
This completes the installation process for the main software. You are now presented with the *AP Manager II Lite* main control panel.

				Access Poin				
					it report			
Station Detail	Alas	Access Drief	Red	Adhericator	DC0	stin	Draw Case Mode	
PAC ADDRIN	14805	ACCESPON	6 anu	Appendator	63.0	9.040	Fore stre mode	
	Itation Detail MAIC Addess						NA Cold MECASHIN Alas AccestPart Bard Antenication FISS 500	1/1 - Cool NEC Addees Alex Access Part Band Automotion 1955 550 Thear San Mode

AP Manager II Lite

Launch the AP Manager II Lite by clicking:

- 1. Start Menu
- 2. Select Programs
- 3. Select D-Link AP Manager II Lite
- 4. Select AP Manager II Lite



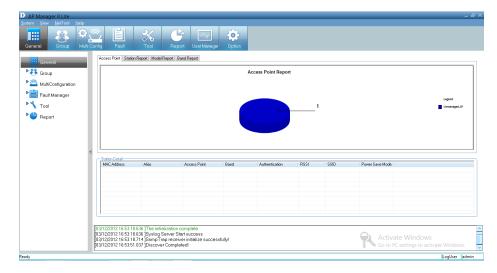
Control Panel

The Main Control Panel has eight key configuration Windows. General, Group, Multi Config, Fault, Report, User Manager and Option. The General window offers simple data information on the Access Point, a Station Report, a Model Report and a Band Report.

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	, ei	*		O					
General Group Multi	Config Fault	Tool	Report User Manag	jer Option					
🛗 General	Access Point Statio	n Report Model Rep	ort Band Report						
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MultiConfiguration									
▶ 📑 Fault Manager									
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🛅 Security	Station Detail	Alias	Access Drive	Prod	A throuting time	Deel	CCID	Davies Caus Made	
Security Utilization	Station Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP 		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
Security Utilization Channel		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP SysLog 		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP SysLog Custom 		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP SysLog Custom 	MAC Address			Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP SysLog Custom 	MAC Address	8.242]FTP Server 8.242 The initializa	started on port 21.		Authentication	RSSI	SSID	Power Save Mode	

Access Point Report

The Access Point Report shows the discovered AP's. Access points are divided into Managed Access Points and Unmanaged Access Points. The Managed APs are listed in the Station Detail table below the Access Point Report.



The Station Detail table lists the MAC Address, Alias, Access Point, IP Address, Band, Authentication type, RSSI, SSID and Power Save Mode of all stations connected to the Managed APs.

Remove an access point from the list by right-clicking it and selecting **Kick Off**.

D AP Manager II Lite											_ 8 ×
<u>System View N</u> etTool <u>H</u> elp											
	Config	Fault		P Ser Manager	Option						
General	Ac	ccess Point Station F	Report Model Report	Band Report							
Sroup	L F				А	ccess Point Report					
MultiConfiguration											
Fault Manager											Legend
Tool							1				Unmanaged AP
Peport Report											
	4 6	Station Detail									
		MAC Address	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
		0021917EFFA3	N/A	192.168.0.50	802.11g	OpenSystem	100	Primary-SSID	Off		
	6										
	[03/	12/2012 16:53:18.6	36]The initializatio	n complete							^
	[03/	12/2012 16:53:18.6	36 Syslog Server	Start success eiver initialize successf					Activ		<u>^</u>
	[03/	12/2012 16:53:51.0	137]Discover Com	pleted!	uny:					PC settings to activat	te Windows. 🚽
Ready											LogUser admin

Create an *Alias* by right-clicking the access point and selecting **Alias**. In the *Alias* management window, type the new name. Click **OK** to continue.

MacAddress	Alias		
0021917EFFA3			
Delete	OK Ca	incel	

Station Report

The *Station Report* displays a graphical representation of the associated wireless stations. It classifies the stations by bands and shows the station numbers of every band.

D AP Manager II Lite									_ 윤 ×
System View NetTool Help		Tool	Report User Manag	er Option					
General	Access Point Stat	ion Report Model Re	eport Band Report						
Group					Station Re	eport			
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	Station Detail MAC Address	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
	[03/12/2012 16:53: [03/12/2012 16:53: [03/12/2012 16:53: [03/12/2012 16:53: [03/12/2012 16:53:	18.636 ÎSvslog Se	zation complete rver Start success receiver initialize succe Completed!	ssfullyl				Activate W Go to PC settin	'indows ngs to activate Windows. ▼
Ready									LogUser admin

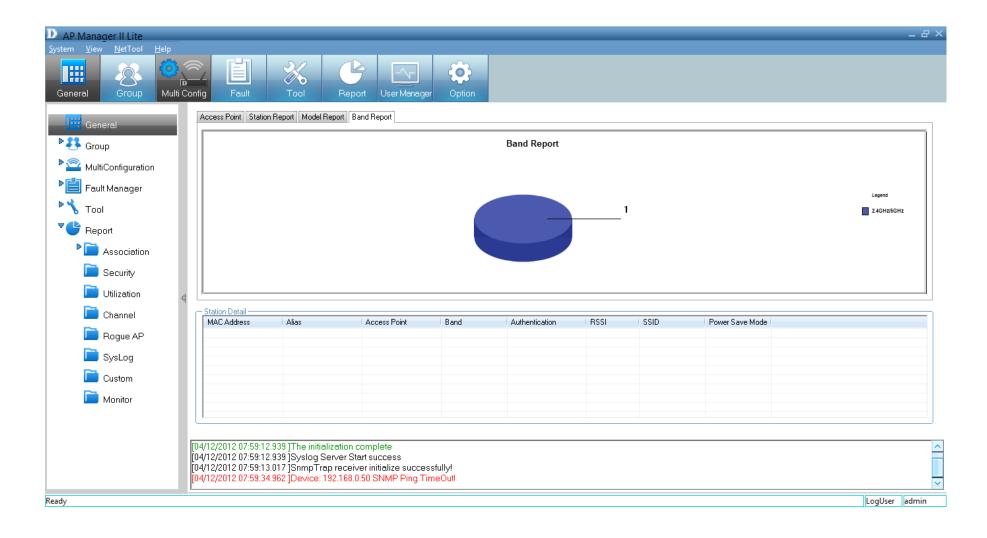
Model Report

The *Model Report* displays a graphical representation of the numerical distribution of models the *AP Manager II Lite* has discovered and is currently managing.

D AP Manager II Lite											_ 8	×
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📅 General	Access P	oint Station Rep	ort Model Report	Band Report								1
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▶ 2 MultiConfiguration												
Eault Manager											Legend	
Tool								1			DAP-2690	
Report								-				
Association												
🛅 Security												
📄 Utilization 🧃												
Channel	Station D		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode			ן
📄 Rogue AP												
🛅 SysLog												
Custom												
C Monitor												
	[04/12/201	2 07:59:12.939 2 07:59:12 939]The initialization 1Syslog Server S	complete tart success								^
	[04/12/201	2 07:59:13.017]SnmpTrap recei	itart success iver initialize succes .0.50 SNMP Ping Tir	sfully!							
	104/12/201	2 07:59:34.962	IDevice: 192.168.	.u.su SNMP Ping Tir								~
Ready										L	.ogUser admin	

Band Report

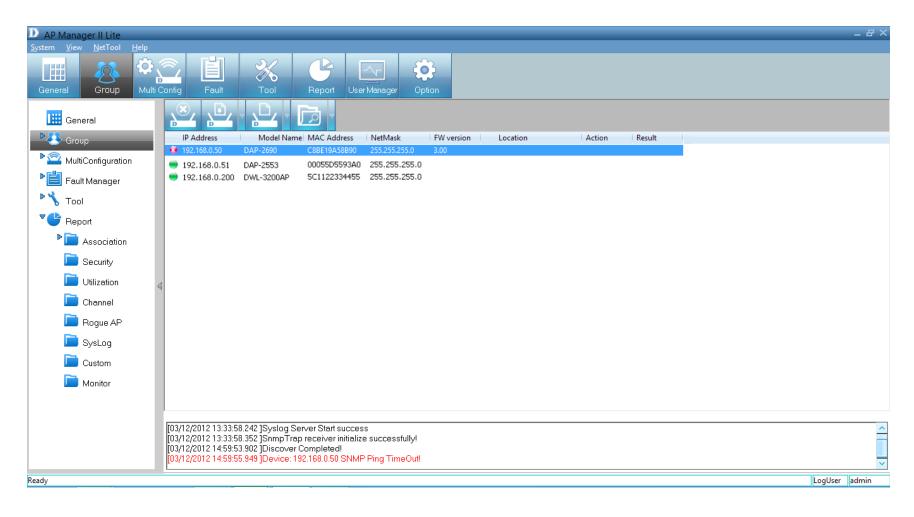
The *Band Report* displays a graphical representation of the WLAN bands (802.11a, 802.11b/802.11g and 802.11b/g/n) currently being used by the access point. It shows the number access points on every band.



Group View

The *Group View Panel* displays the access points the *AP Manager II Lite* discovers and currently manages. You can group these access points by model or into categories that can make their distribution easier to visualize.

The *AP Manager II Lite* can actively monitor and manage several D-Link Access Points. They are installed as plug-ins under the installation directory. Once access points are detected during the discovery process, they are listed in the main *Group View Panel*, and you can add or remove supported models freely.



Discovering Devices

Before you can manage and monitor the access point you must discover the device. Click **Groups** on the main menu bar. *Groups* has four main icons: *Delete, Configure, View* and *Discover*.

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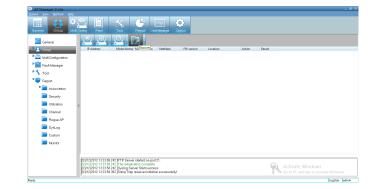
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Ready		LooUser admin

Delete

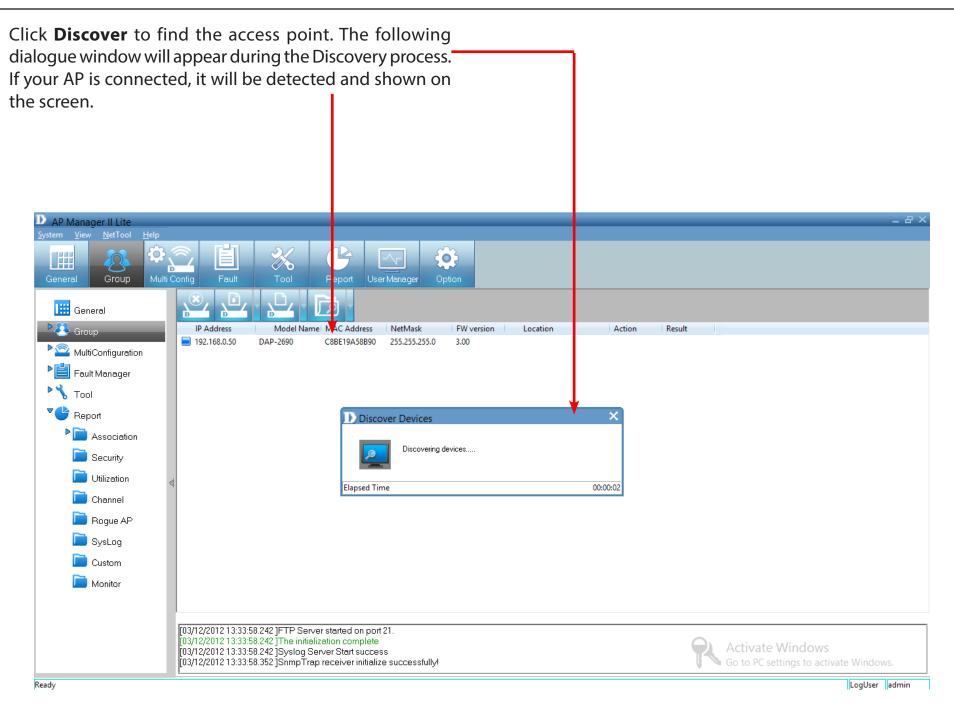
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Croup	IP Address Mytem Name MAC Address NetMask PW version Location Action Result	
MultiConfiguration		
Fault Manager		
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Association		
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Utilization		
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Rogue AP		
DysLog		
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	103/12/2012 13 33 58 242 JFTP Server started on port 21.	
	13/12/2012 13 3358 242 The initialization complete 13/12/2012 13 3358 242 The initialization complete 13/12/2012 13 3358 242 The initialization complete	
dy.		LogUser admin

View

Configure

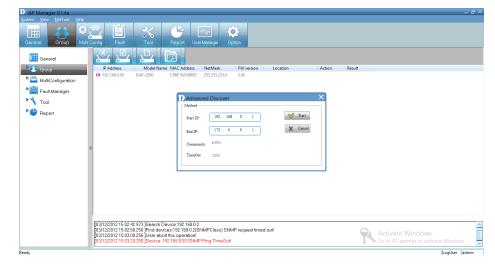


Discover



Advanced Discovery

The standard discovery can only discover the access points in the same subnetwork. To discover the access points in the other network segments, click the **arrow** next to the *Discover* icon and click **Advanced Discover** from the drop-down list.



Under Advanced Discover, enter the Start IP and the End IP and click the **Start** button to search for access points within the specified IP range. Once other access points are discovered their status will be updated by the icons associated to it.



New Access Point





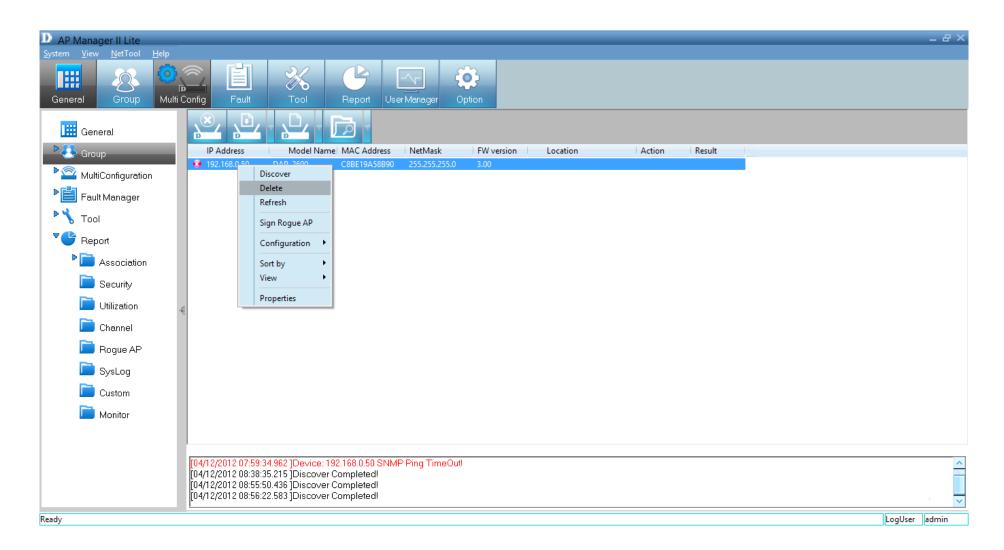
The Access Point cannot be pinged but can be modified.



The Access Point is offline and/or the SNMP engine is disabled.

The Access Point is specified as a Rogue AP

To delete an access point highlight it in *Group View* mode, right-click and select **Delete**.



Note: To view a list of supported access points please go to the Frequently Asked Questions page at **http://support.dlink.com**.

Configuration

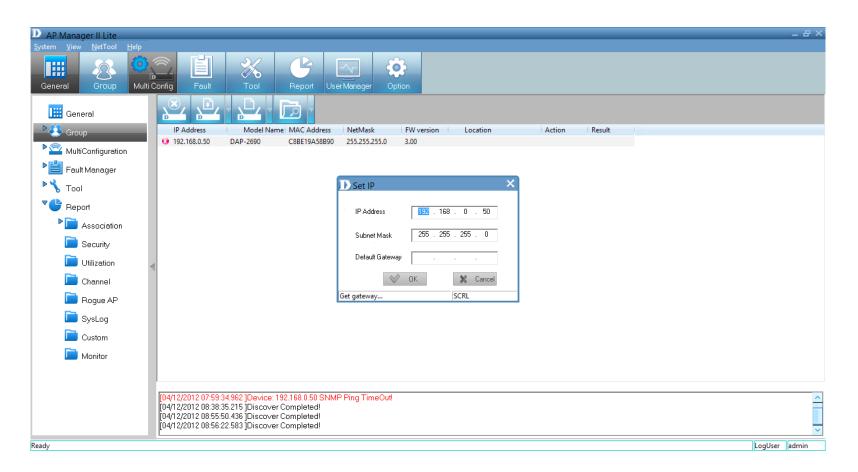
There are two main ways to configure an access point. First, you can right-click the **access point** and click **Configuration**. A list of configurational options will appear in a drop-down menu. The second configuration method is to click the **arrow** next to the *Configure* button. The options available from the drop-down menu are:

Set IP (Page 24), Update Config (Page 26), Upgrade Firmware (Page 27), Web Management (Page 30), Telnet (Page 31), Change Access Password (Page 32), SNMP Enable (Page 33), and Config Comparison (Page 35).

D AP Manager II Lite							-	8×
<u>System View NetTool Help</u>								
		× C						
General Group Multi	i Config Fault	Tool Repo	rt UserManager C	Option				
🔛 General								
► Croup	IP Address	Model Name MAC A		FW version Location	Action	Result		
Page MultiConfiguration	192.168.0.50	DAD 2600 CODE 19 Discover	A58B90 255.255.255.0	3.00				
► Fault Manager		Delete						
		Refresh						
Nool		Sign Rogue AP						
Report		Configuration	Set IP					
Association		Sort by	Update Config					
📄 Security		View 🕨	Upgrade Firmware					
Utilization		Properties	Web Management Telnet					
Channel			Change Access Passwo	ord				
📄 Rogue AP			Snmp Enable					
📄 SysLog			Config Comparison					
Custom								
Monitor								
	1							
	[04/12/2012 07:59:3	4.962]Device: 192.168.0.9	50 SNMP Ping TimeOut	Į.				^
	[04/12/2012 08:55:5]	5.215]Discover Complete 0.436]Discover Complete	ed!					
	[04/12/2012 08:56:2	2.583 Discover Complete	əd!					~
Ready							LogUser admi	in

Set IP

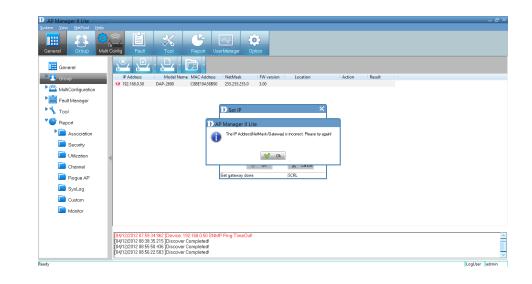
You can manually set the IP address of a selected access point. To quickly access IP configuration tools, double-click the **access point**. Set the **IP address**, **Subnet Mask**, and **Default Gateway**. Click **OK** to continue. When a new access point is discovered, you can use this function to assign a new IP address, Subnet Mask and Default Gateway to the device.



The Action column shows the executing operation, while the Results column shows the progress by percentage. You can set the IP addresses of multiple devices this way. If the operation fails, please check the physical connections and the user name and password settings. (Refer to the Set Password section for details).

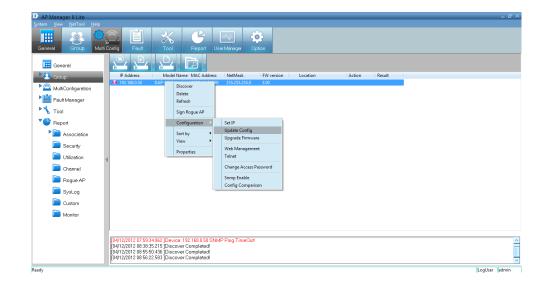
Section 3 - Installation

If you enter the wrong IP information, you will be prompted to re-enter the correct IP information. Click **OK** to try again.

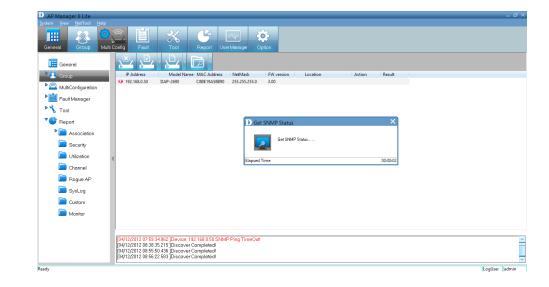


Configuration Update

Right-click the **device**. Go to *Configuration* and click **Update Config**.

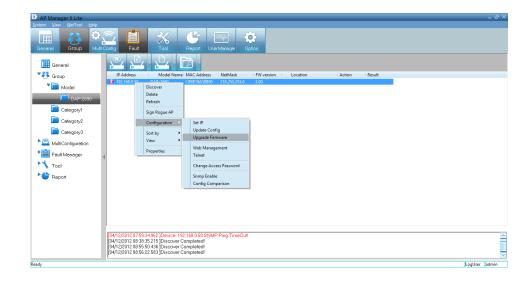


The device will search for the SNMP status.

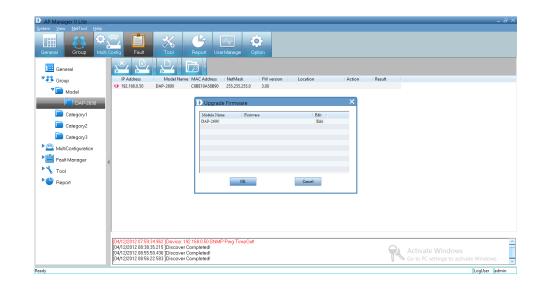


Firmware Upgrade

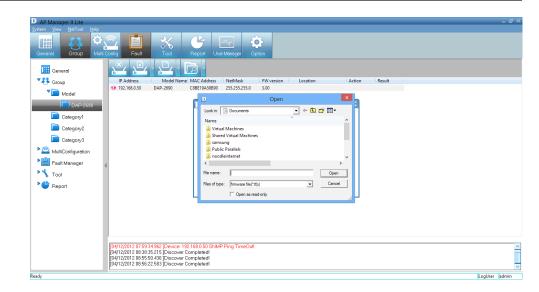
Right-click the **device**. Go to *Configuration* and click **Update Firmware**.



The Upgrade Firmware configuration window will open.



Click the **Edit** field. A new window will open prompting you to search for the new firmware on your PC.



Once you have located your firmware, select it and click **Open**.

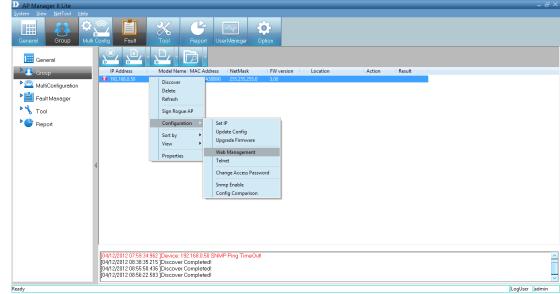
Open	? 🛛
Look in: 📔) Firmware 💽 🖛 🗈 💣 🎫 🗸
DWL3200	AP-firmware-v310-r0103.tfp
File name:	DWL3200AP-firmware-v310-r0103.tfp Open
Files of type:	firmware file(*.tfp) Cancel
	Open as read-only

Upload the firmware to the access point. Click **OK** to continue.

UP Firmware			×
	11		
Module Name DWL-3200AP	Firmware C:\Documents and Settings\Benjamin.c	Edit Edit	
DWL-J200AF	C. Documents and settings benjamin.c	Eun	
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Web Management

Right-click the **device**. Go to *Configuration* and click **Web Management**.

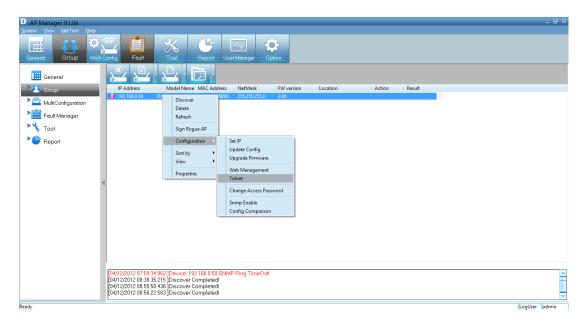


Enter a *User name* and *Password* into the fields provided and click **OK**. Your PC's web browser will open and the access point's IP address will be entered into the address field. You can configure the access point using its built-in web-based manager as you would normally.

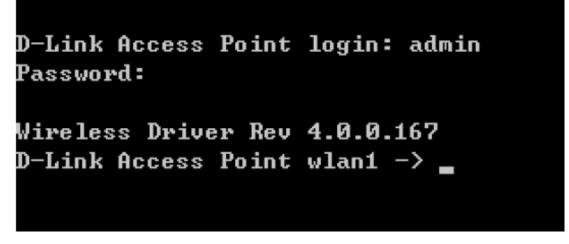


Telnet

Right-click the **device**. Go to *Configuration* and click **Telnet**.

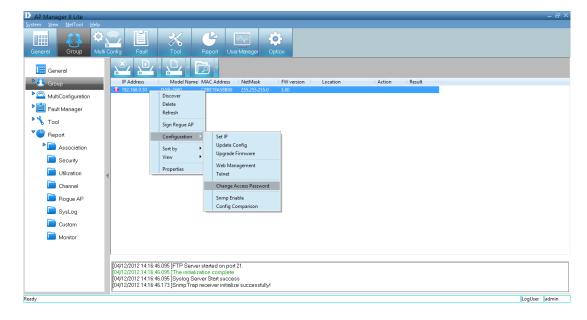


Next, the *Command Prompt* will open. This gives you access to the built-in *Telnet CLI Manager*. Type in the *User Name* and *Password* in the console manager.

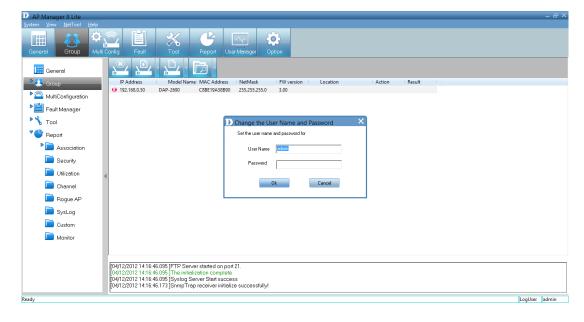


Change Access Password

Right-click the **device**. Go to *Configuration* and click **Change Access Password**.



The *Change Username and Password* window will ask you to enter the new *User Name* and *Password* details. Click **OK** when complete to continue.

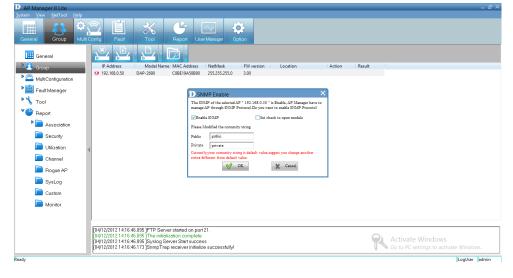


Enable SNMP

Right-click the **device**. Go to *Configuration* and click **SNMP Enable**.

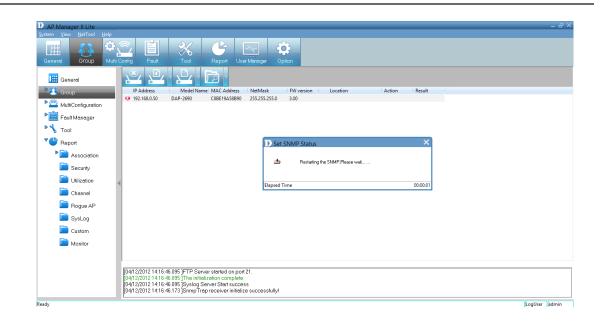
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Fault Manager		Delete Refresh			
🎙 🔧 Tool		Sign Rogue AP		~	
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Association		Sort by	Update Config		
		View	Upgrade Firmware		
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Utilization	4		Telnet		
Channel			Change Access Password		
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	[04/12/2012 14:16:46.095]The	e initialization complete			Activate Windows
	[04/12/2012 14:16:46.095]Sys [04/12/2012 14:16:46.173]Sn	slog Server Start success mpTrap receiver initialize successfully	1	T.	Go to PC settings to activate Windows.
Ready					LogUser admin

Under the SNMP Enable Manager, click the **Enable SNMP** checkbox. Click the **Set check to open module** checkbox if you need this application. Enter the *Public* and *Private* data in the fields provided and click **OK** to complete.



Section 3 - Installation

SNMP will restart.



The *D-Link Manager* software will open and you can configure it using this tool.

H.								DAP-2690	
Home		Adva				Configuratio	n H	Help	
	Basic		Syste	m Informat	ion 🔻				
	Vireless			Model Name Firmware Ve		DAP- Mode			
	I			System Nam		Mode	Nam	me	
	LAN			Location		Mode	Nam	me	
	\$\$			System Time	•	Mode	Nam	me	
	IPv6			Up Time		Mode	Nam	me	
				Operation M	ode(2.4G	Hz) Mode	Nam	me	
				Operation M	ode(5GH:	z) Mode	Nam	me	
				MAC Addres	s(2.4GHz) Mode	Nam	me	
				SSID 1~7(2.	4GHz)	ssid1	7(2.4)	4)	
				MAC Addres	s(5GHz)	Mode	Nam	me	
				SSID 1~7(5)	GHz)	ssid1	7(5)		
				IP Address		Mode	Nam	me	
Ac	dvanced								
Mai	ntenance	,							
1	Status								
9	System								

Configuration Comparison

Right-click the **device**. Go to *Configuration* and click **Config Comparison**.

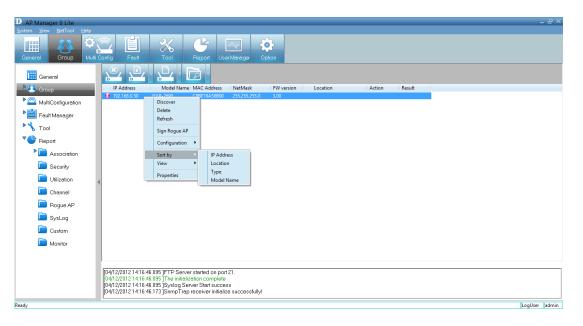
Config Comparison needs two access points to work. Compare each configuration option against the other access point. Click **Apply** to continue.

[System] DHCPclient=1	[System] DHCPclient=1			^
SubMask=255.255.255.0	SubMask=255.255.255.0			
Gateway=192.168.0.1 Username=	Gateway=1.2.3.6 Username=			
o contrainte	o o o o na no			
Password=	Password=			
Telnet=1	Telnet=1			
Timeout=180	Timeout=180			
SSH=1	SSH=1			
[5GHz_WirelessSettings]	[5GHz_WirelessSettings]			
APmode=5	APmode=5			
SSID=dlink	SSID=dlink			
Channel=6	Channel=6			
AutochannelScan=1	AutochannelScan=1			
DataRate=31	DataRate=31			
BeaconInterval=100	BeaconInterval=100			
DTIM=1	DTIM=1			
RTSLength=2346	RTSLength=2346			
TransmitPower=1	TransmitPower=1			
[2.4GHz_WirelessSettings]	[2.4GHz_WirelessSettings]			
APmode=5	APmode=5			
SSID=dlink	SSID=dlink			
Channel=6	Channel=6			
AutochannelScan=1	AutochannelScan=1			
DataRate=31	DataRate=31			
BeaconInterval=100	BeaconInterval=100			
DTIM=1	DTIM=1			
RTSLength=2346	RTSLength=2346			~
- 100 A	1 m 1	Apply	Export	

Sorting

Right-click the **device** and click **Sort By**.

You can change the order of the access points by *IP Address, Location, Type* and *Model Name*.

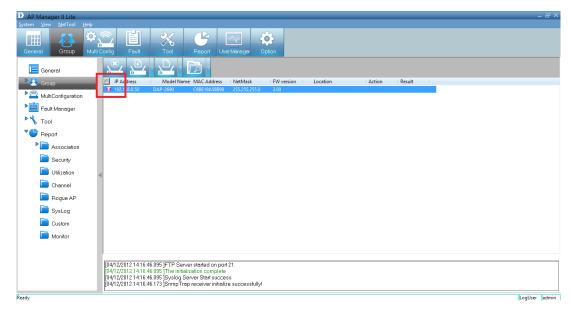


Once you have selected the sorting option, a gray arrow appear beside it to represent its designation.

IP Address: Sorts by IP Address column. **Location**: Sorts by Location column.

Type: Sorts by either *Managed*, *Unmanaged* or *Rogue Access Point*.

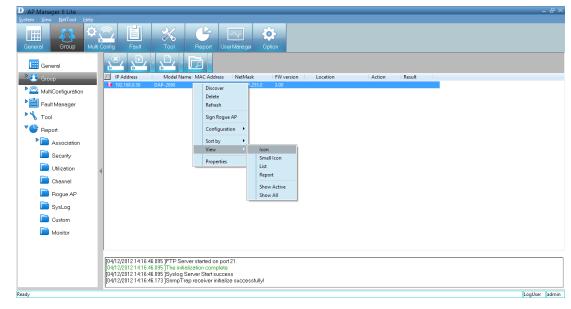
Model Name: Sorts by access point model name.



View Mode

Right-click the **device** and click **View**.

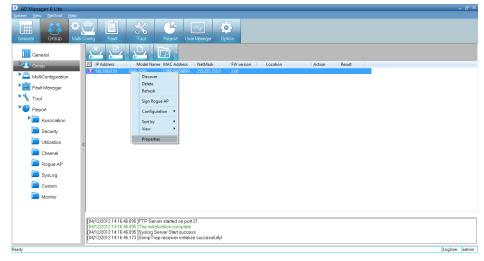
You can view the access points based on different parameters, such as: *Icon*, *Small Icon*, *List*, *Report*, *Show Active* and *Show All*.



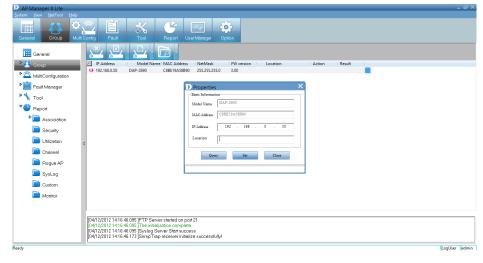
Properties

Right-click the **device** and click **Properties**.

The *Properties* parameter allows you to manage and view the properties of each access point on the network.



You can enter a description string in the *Location* textbox to describe the access point, and then click the **Set** button to apply the changes.



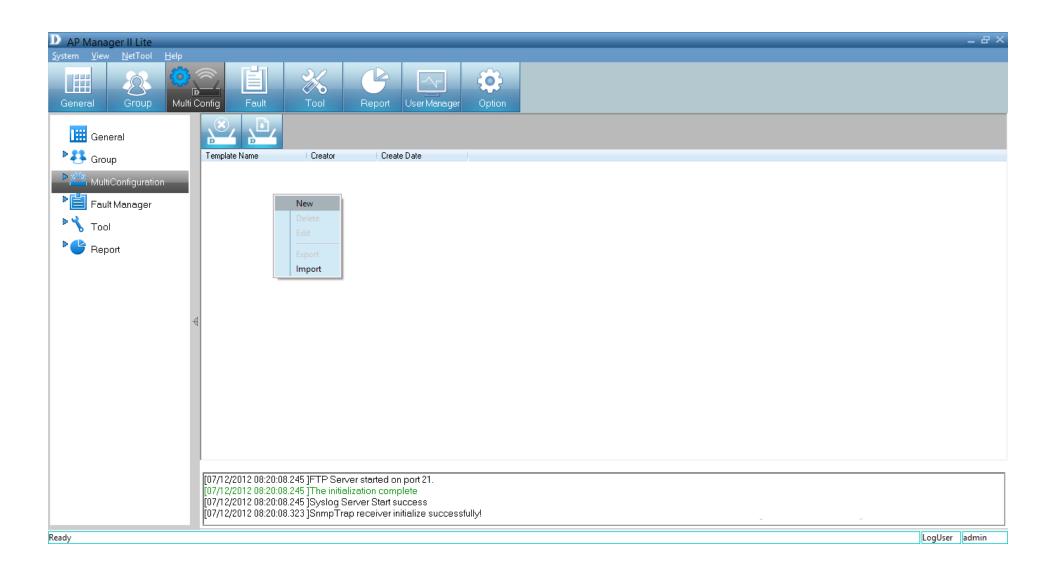
Multi Configuration

Administrators can manage the configuration of access points from the *Multi Configuration* section. *AP Manager II Lite* uses a template to manage this. The same profile can be used for multiple access points. Each profile has unique settings which include *System*, *Wireless*, *Security* and *Filter* settings.

D AP Manager II Lite		- 8 ×
<u>S</u> ystem <u>V</u> iew NetTool <u>H</u> elp		
General Group Multi C	Image: Second	
General		
P 👯 Group	Template Name Creator Create Date	
 MultiConfiguration Fault Manager 		
🕨 🔧 Tool		
▶ 🕒 Report		
	[07/12/2012 08:20:08:245]FTP Server started on port 21.	
	[07/12/2012 08:20:08.245]FTP Server started on port 21. [07/12/2012 08:20:08.245]The initialization complete [07/12/2012 08:20:08.245]Syslog Server Start success [07/12/2012 08:20:08.323]SnmpTrap receiver initialize successfully!	
Ready		LogUser admin

Create a new template

To create a new template, right-click anywhere on the template view window and select **New Item**.



Under *Basic Info,* type in a name for the new configuration. *Creator* is pre-set as *Admin* and the time is already set.

Under Content Selection, click the checkbox to configure. There are System, Wireless (2.4GHz/5GHz), Security (2.4GHz/5GHz), Filter (2.4GHz/5GHz), and Multi_SSID (2.4GHz/5GHz) options.

Click Next to continue.

Creator : adm	in		
Time : 12/	7/2012	~	
- Content Selection -			
System			
Wireless	2.4GHz 🔲	5GHz 🗌	
Security	2.4GHz 🔲	5GHz 🗌	
Filter	2.4GHz 🗌	5GHz 🗌	
Multi_SSID	2.4GHz 🗌	5GHz 🗌	

Under System, click the **LAN Settings** checkbox and configure the *IP (Static or Dynamic)*, enter *Subnet* details, and *Default Gateway* options.

Click the Admin checkbox. Enter a User Name and Password.

Click the **Console Settings** checkbox to enable it. Select the *Console Protocol* and the *Timeout* period.

Click Next to continue.

	Check All Clear All
LAN Settings	
Get IP From	Static (Manual)
Subnet Mask	
Default Gateway	· · ·
Admin	
User Name	admin
Password	
Console settings	
Status	✓ Enable
Console Protocol	🔿 Telnet 💿 SSH
Timeout	5 Mins

Under Wireless 5GHz, you can set the following options:

SSID - Enter a name for the SSID.
Channel - Select between Auto or a configurable range.
SSID Broadcast - Click to enable.
Data Rate - Select Auto or the speed option.
RTS Length - Enter a range.
Beacon Interval - Enter a range.
Fragment Length - Enter a value.
DTIM - Enter an appropriate value.
Radio - Select On or Off.
11n Channel Width - Select the range.

If you are unsure of all the settings, there is also the option to **Check All**.

Click **Next** to continue.

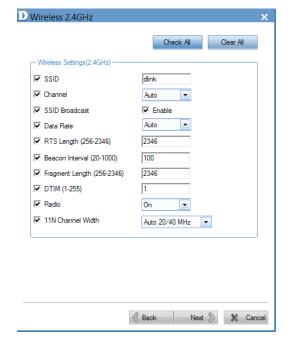
Under Wireless 2.4GHz, you can set the following options:

SSID - Enter a name for the SSID.
Channel - Select between Auto or a configurable range.
SSID Broadcast - Click to enable.
Data Rate - Select Auto or the speed option.
RTS Length - Enter a range.
Beacon Interval - Enter a range.
Fragment Length - Enter a value.
DTIM - Enter an appropriate value.
Radio - Select On or Off.
11n Channel Width - Select the range.

If you are unsure of all the settings, there is also the option to **Check All**.

Click Next to continue.

DWireless 5GHz	×
	Check All Clear All
- Wireless Settings (5GHz)	
SSID	dlink
Channel	Auto
SSID Broadcast	Enable
🔽 Data Rate	Auto
RTS Length (256-2346)	2346
💌 Beacon Interval (20-1000)	100
🔽 Fragment Length (256-2346)	2346
TIM (1-255)	1
Radio	On 💌
11N Channel Width	Auto 20/40 MHz
	🔇 Back Next 📎 🗶 Cancel



Under Security 5GHz, you can set the following options:

Authentication - Select between an Open System, Shared Key, Open System/Shared Key, WPA-Personal, WPA-Enterprise, WPA2-Personal, WPA2-Enterprise, WPA-Auto-Personal, and WPA-Auto-Enterprise.

Key Settings - Select to **Enable** encryption. Then set the *Key Type, Key Size, Valid Key* and *Key Value*.

WPA - Set the following parameters: Cipher Type, Group Key Update Interval, Pass Phrase, RADIUS Server, Port, and RADIUS Secret.

Click **Next** to continue.

Under Security 2.4GHz, you can set the following options:

Authentication - Select between an Open System, Shared Key, Open System/Shared Key, WPA-Personal, WPA-Enterprise, WPA2-Personal, WPA2-Enterprise, WPA-Auto-Personal and WPA-Auto-Enterprise.

Key Settings - Select to enable the device then *Key Type*, *Key Size*, *Valid Key* and *Key Value*.

WPA - Set the following parameters: *Cipher Type, Group Key Update Interval, Pass Phrase, RADIUS Server, Port* and *RADIUS Secret*.

Click **Next** to continue.

Security 5GH2	-		;
Authentication	Open System	•	
Key Settings			
Encryption	Disable 💌	Key Size	64 Bits 💌
Кеу Туре	HEX 💌	Valid Key	First 💌
Key Value			
WPA			
Cipher Type	AUTO 🔽 Group	Key Update interval	1800
PassPhrase			
Radius Server		· Port	1812
Radius Secret			
		lack Next	S X Cance

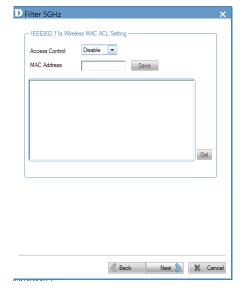
DSecurity 2.4GF	łz	X
Authentication	Open System	
Key Settings		_
Encryption	Disable 💌 Key Size 64 Bits 💌	
Кеу Туре	HEX 🔽 Valid Key First 🔽	
Key Value]
WPA		-
Cipher Type	AUTO Group Key Update interval	
PassPhrase		
Radius Server	· · · Port 1812	
Radius Secret		
		_
	Back Next 📎 🗱 C	Cancel

D-Link AP Manager II Lite Software User Manual

Under the *Filter 5GHz IEEE802.11a Wireless MAC ACL Settings*, select the *Access Control* method, enter a *MAC Address* and click **Save**.

Select an item from the list and click **Del** if you wish to delete it.

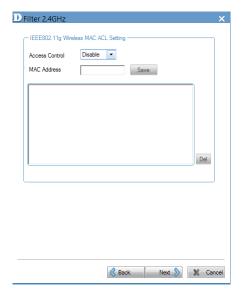
Click Next to continue.



Under the *Filter 2.4GHz IEEE802.11a Wireless MAC ACL Settings*, select the *Access Control* method, enter a *MAC Address* and click **Save**.

Select an item from the list and click **Del** if you wish to delete it.

Click **Next** to continue.



Click the checkbox to enable **Multi SSID 5GHz**. The *Wireless Settings* allow you to index Multi SSID by number or name. Enter an *SSID name*, select the *SSID visibility*, select to enable/ disable *WMM settings*, and select a *Security* method.

Key Settings - Select to enable the device, then enter *Key Type, Key Size, Valid Key* and *Key Value*.

The table below populates with data. Click the **Add** button to add parameters or the **Delete** button to delete parameters.

Click Next to continue.

Index	SSID1	
SSID	dlink 1	
SSID Visibility	Enable	
WMM (Wi-Fi Multimedia)	Disable	
Security	Open System 💌	
Key Settings		_
Encryption Disable	 Key Size 64 Bits 	
Key Type HEX	Key Index First	
Key Value		
Index SSID	Encryption	
	Delet	е
		_

D Multi-SSID 5GHz

Click the checkbox to enable **Multi SSID 2.4GHz**. The *Wireless Settings* allow you to index Multi SSID by number or name. Enter an *SSID name*, select the *SSID visibility*, select to enable/ disable *WMM settings*, and select a *Security* method.

Key Settings - Select to enable the device, then enter *Key Type, Key Size, Valid Key* and *Key Value*.

The table below populates with data. Click the **Add** button to add parameters or the **Delete** button to delete parameters.

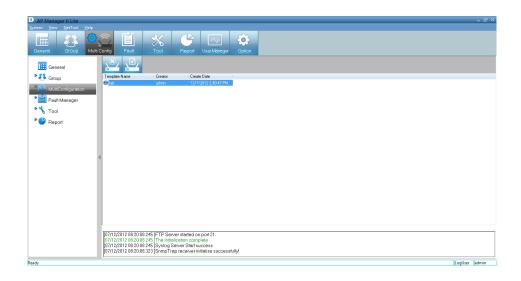
Click Next to continue.

Multi-SSID 2.4GHz		X
Enable Multi-SSID		
- Wireless Settings		ר
Index	SSID1	
SSID	dlink 1	
SSID Visibility	Enable	
WMM (Wi-Fi Multimedia)	Disable	
Security	Open System	
Encryption Disable	▼ Key Size 64 Bits ▼	ן
Key Type HEX	Key Index First	
Key Value		
Index SSID	Encryption Add	_
	🔇 Back Next 📎 🗶 Ca	incel

The *Template Setup* is complete. Read the instructions and click **Finish**.



The new template is now in the *Multi Config* window.



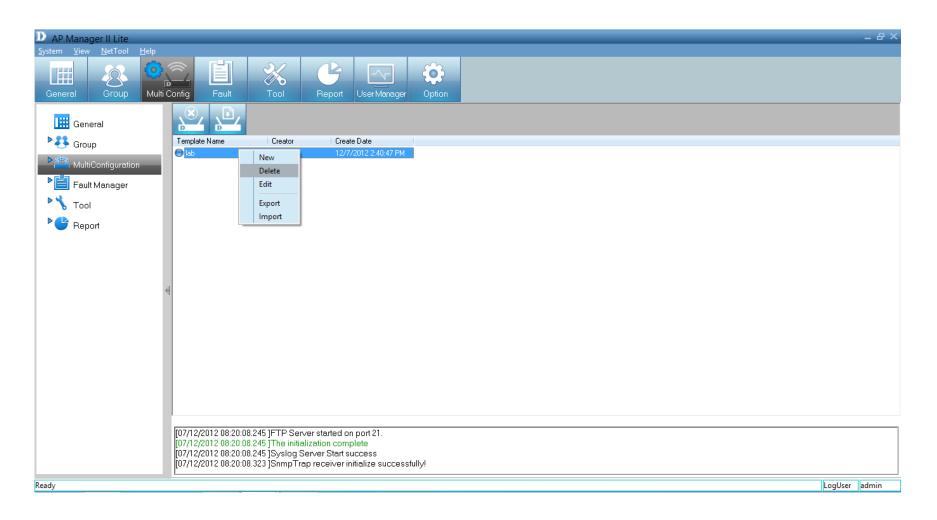
Edit a Template

To edit a template, double-click the template, or right-click the template, and click **Edit Item** from the drop-down menu.

Security 2.4GHz		r 5GHz		er 2.4GHz
Multi-SSID 5			-SSID 2.4	
General System	Wireless 5GHz	Wireless 2.4	GHz	Security 5GH
- Basic Info				
Name : ab				
Creator : admi	in			
Time : 12/	7/2012	-		
L				
- Content Selection -				
← Content Selection -				
	2.4GHz 🔽	5GHz 🔽		
✓ System	2.4GHz ☑ 2.4GHz ☑			
✓ System✓ Wireless	_	5GHz 🗹		
 System Wireless Security Filter 	2.4GHz 🗹	5GHz 🗹		
 System Wireless Security Filter 	2.4GHz 🗹 2.4GHz 🗹	5GHz 🗹		
 System Wireless Security Filter 	2.4GHz 🗹 2.4GHz 🗹	5GHz 🗹		

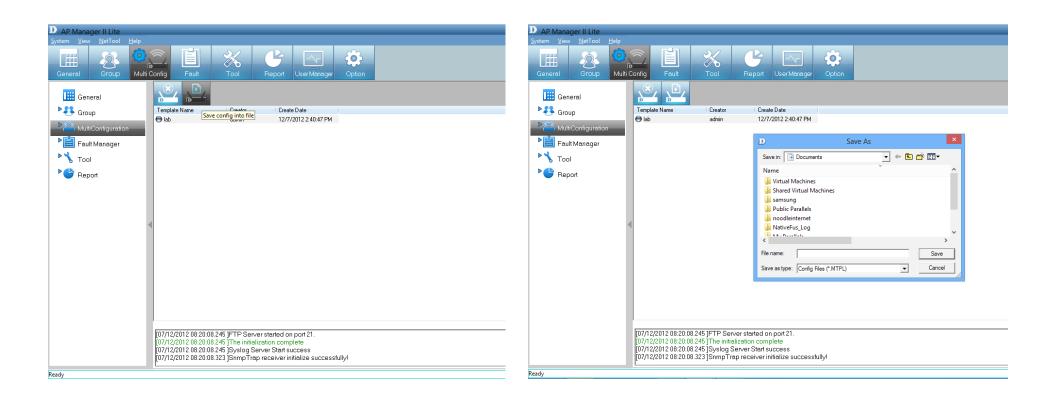
Delete a Template

To delete an existing template, double-click the template, or right-click the template, and select the **Delete Item** from the drop-down menu or click the **Delete** icon.



Save Configuration

To save the configuration file, click the **Save** icon above the template window. A pop-up menu will appear with save settings.



Import Configuration

To import a configuration file, click the **Import File** icon above the template window. A pop-up window will appear, allowing you to browse your computer for configuration files. When you have located your configuration files, click the file the click **Open**.

D AP Manager II Lite	D AP Manager II Lite			
System View NetTool Help General Group Multi Config Fault Tool Report User Manager Option	System View NetTool Help	Config Fault Tool	Report User Manager Option	
General Group Multi Config Feult Tool Report User Manager Option Image: General Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Fault Manager Image: Group Image: Group Image: Group Image: Group Image: Group Image: Group Fault Manager Fault Manager Image: Group Image: Group Image: Group Image: Group Image: Group Fault Manager Image: Group Image: Group Image: Group Image: Group Image: Group Fault Manager Image: Group Image: Group Im	General Group Multi General Group MultiConfiguration Fault Manager Tool Report	Config Fault Tool Image: Creator Image: Creator Image: Creator Image: Crea	Report User Manager Option Create Date 12/7/2012 2:40:47 PM D Open Look in: Documents Name Virtual Machines Shared Virtual Machines Samsung Public Parallels noodleinternet NativeFus_Log Mathematics Fle name: Fles of type: Config Files (*.MTPL)	× • ← E F E • · · · · · · · · · · · · ·
[07/12/2012 08:20:08 245]FTP Server started on port 21. [07/12/2012 08:20:08 245]The initialization complete [07/12/2012 08:20:08 245]Syslag Server Start success [07/12/2012 08:20:08.323]SnmpTrap receiver initialize successfully!		[07/12/2012 08:20:08.245]FTP Set [07/12/2012 08:20:08.245]The initii [07/12/2012 08:20:08.245]Syslog { [07/12/2012 08:20:08.323]SnmpTr	rver started on port 21. alization complete Server Start success rap receiver initialize successfully!	
Ready	Ready			

When you scroll through the *Multi Configuration* options, you will notice that it has a *Template* folder. The *Template* folder is the folder you created in previous pages.

Click **Task Scheduler** to see the main configuration options - *Config Comparison, Upgrade Firmware (FW)*, and *MutiConfig*. To enable each one, click the **Enable** button.

D AP Manager II Lite	_									_ & ×
<u>System View NetTool Help</u> General Oroup Mul	lti Confi	Fault	X Tool	Report	User Manager	Option				
🔛 General	Co	onfig Comparison	O Disable	e C Enable					New E	dit Delete
Stroup		Fask Name	Act	ivity	Next Run Time		Status	Result		
MultiConfiguration										
Template										
Task Schedule	l									
Fault Manager	Ut	ograde FW	O Disable	e O Enable					New E	dit Delete
Tool		Fask Name	Act	ivity	Next Run Time		Status	Result		
P 🕒 Report										
	м	ultiConfig	O Disable	e O Enable					New E	dit Delete
		Fask Name	Act	ivity	Next Run Time		Status	Result		
	[07 [07 [07	/12/2012 08:20:08.2 /12/2012 08:20:08.2 /12/2012 08:20:08.2 /12/2012 08:20:08.3	45]FTP Si 45]The ini 45]Syslog 23]Snmp7	erver started or itialization comp g Server Start so Frap receiver ir	n port 21. blete uccess itialize success!	fully!				
Ready									Lo	gUser admin

For the *Config Comparison*, click the **Enable** button. Then click **New** and view the options.

Give the task a name. Select the devices and click **Next**.

D AP Manager II Lite						- 8 ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp						
General Group Multi	Config Fault	Tool F	Report User Manager Option			
General	Config Comparison	C Disable (D Device	×	New Edit [Delete
Sroup		Activity	Task Name			
▼ 2 MultiConfiguration			- By IP			
📄 Template			IP Address	Model Name		
Task Schedule			192.168.0.50	DAP-2690		
Fault Manager	Upgrade FW	O Disable			New Edit [Delete
► 🔧 Tool	Task Name	Activity				
Report						
P 📄 Association 💡						
Security						
🚞 Utilization	MultiConfig	O Disable			New Edit E	Delete
🚞 Channel	Task Name	Activity				
📄 Rogue AP						
📄 SysLog			K E	ack Next 📎 🗶 Cancel		
Custom						
Monitor	[10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4	6.772]FTP Server s 6.777]The initializat 6.778]Syslog Serve 6.856]SnmpTrap re	started on port 21. ion complete er Start success eceiver initialize successfully!			
Ready					LogUser	dmin

Select a *Template* from the list provided.

Click **Next** to continue.

D AP Manager II Lite					_ 윤 ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp					
General Group Multi		Tool R	teport User Manager Option		
 General Group MultiConfiguration Template Task Schedule Fault Manager Tool Fool Report Association Security Utilization Channel Rogue AP SysLog Custom Monitor 	Config Comparison Task Name Upgrade FW Task Name MultiConfig Task Name [10/12/2012 08:18:46 [10/12/2012 08:18:46 [10/12/2012 08:18:46	C Disable (Activity	Template Select Template Selected Template Name I ab I	K Back Next S Cancel	New Edit Delete
Ready	10/12/2012 08:18:46	.856 jSnmpTrap red	ceiver initialize successfully!		LogUser admin

Select a *Schedule* time frame - Select either **Run**, **Save**, **Specify Time** or **Specify Day**. Then enter the **Date** and **Times**.

Click **Finish** when complete.

D AP Manager II Lite			_ & ×
System View NetTool Help General Group Multi C		Report UserManager Option	
General Group MultiConfiguration Template Fault Manager Fault Manager Report Report Report Channel Rogue AP SysLog Custom	Config Comparison C Disat Task Name A Upgrade FW C Disat Task Name A MultiConfig C Disat	le (D Schedule X itivity Run Specify Time Specify Day Monday Tuesday Vednesday Thursday Friday Saturday Sunday Date: 12/10/2012 Time 9:41:27 AM	New Edit Delete New Edit Delete New Edit Delete
Monitor	[10/12/2012 08:18:46.772]FTP ([10/12/2012 08:18:46.777]The ii [10/12/2012 08:18:46.778]Systo [10/12/2012 08:18:46.856]Snmp	Server started on port 21. itialization complete g Server Start success Trap receiver initialize successfully!	
Ready			LogUser admin

To upgrade the firmware, click **Upgrade Firmware**. Then click the **Enable** button to view the devices available.

Give the *Task* a name. Select to upgrade by **Group** or by **IP**.

Click Next to continue.

D AP Manager II Lite					_ 윤 ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp					
General Group Multi C		Tool		ption	
General	Config Comparisor Task Name	C Disable	Device	×	New Edit Delete
▶ 👯 Group			Task Name abc		
■ MultiConfiguration			O By Group O By IP		
🛅 Template			By Group		
Task Schedule			Group Name DAP-2690	Sort Model	
Eault Manager	Upgrade FW	C Disable	6		New Edit Delete
► 🔧 Tool	Task Name	Activity			
Report			By IP		
Association			IP Address	Model Name	
Security			▼ 192.168.0.50	DAP-2690	
🛅 Utilization	MultiConfig	C Disable	a		New Edit Delete
Channel	Task Name	Activity			
📄 Rogue AP					
📄 SysLog				🔇 Back Next 📎 💥 Cancel	
Custom					
Monitor	[10/12/2012 08:1 [10/12/2012 08:1 [10/12/2012 08:1 [10/12/2012 08:1	8:46.772]FTP Server s 8:46.777]The initializa 8:46.778]Syslog Serve 8:46.856]SnmpTrap re	started on port 21. tion complete er Start success eceiver initialize successfully!		
Ready					LogUser admin

Under Firmware File Settings, click the Browse button next to your device. Select the new firmware, and click Next.

	Config Fault Tool Report UserManager Option	D AP Manager II Lite System View NetTool Help Image: Group Image: Group Multi Config Fault Tool Report User Manager Option
General Group Croup MultiConfiguration Template Fault Manager Col Fault Manager Fault Manager Col Channel Channel SysLog Custom Monitor	Config Comparison Disable Task Name Activity Module Name Pirmware File Setting Vpgrade FW Disable Task Name Activity MultiConfig Disable Task Name Activity MultiConfig Disable Task Name Activity MultiConfig Disable Task Name Activity Image: Set Name Activity Task Name Activity Image: Set Name Mactivity Image: Set Name Mactivity Image: Set Name Mactivity Image: Set Name Mactivity Image: Set Name Mactivity	Image: Control Comparison Disable Image: Control Comparison Image: Control Contrectic Contrectic Control Control Control Control Conte
Ready		Ready

Under the *MultiConfig* section in the table, click the **Enable** button and the click **New**.

Under *Device* enter a *Task Name,* select by **Group** or **IP**.

Click Next to continue.

D AP Manager II Lite					_ 문 X
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp					
General Group Multi C		Tool Re	port User Manager Option		
General	Config Comparison	O Disable 🛛 🕤	Device	×	New Edit Delete
▶ 🛃 Group	Task Name	Activity	Task Name test		
■ MultiConfiguration			C By Group 💿 By IP		
🛅 Template			By Group		
Task Schedule			Group Name DAP-2690	Sort	
	Upgrade FW			Hoder	New Edit Delete
Fault Manager	Task Name	C Disable C			
Nool	Task Name	Activity			
Report			- By IP		
P 📄 Association 🚽			IP Address	Model Name DAP-2690	
Security			▶ 192.168.0.50	DAP-2690	
🚞 Utilization	MultiConfig	C Disable 🦂			New Edit Delete
Channel	Task Name	Activity			
🛅 Rogue AP					
📄 SysLog				🔇 Back Next 📎 💥 Cancel	
Custom					
i Monitor	[10/12/2012 08:18:46. [10/12/2012 08:18:46. [10/12/2012 08:18:46. [10/12/2012 08:18:46.	772]FTP Server sta 777]The initializatio 778]Syslog Server 3 856]SnmpTrap rece	rted on port 21. n complete Start success siver initialize successfully!		
Ready					LogUser admin

Under *Template*, select a template for this configuration and click **Next**.

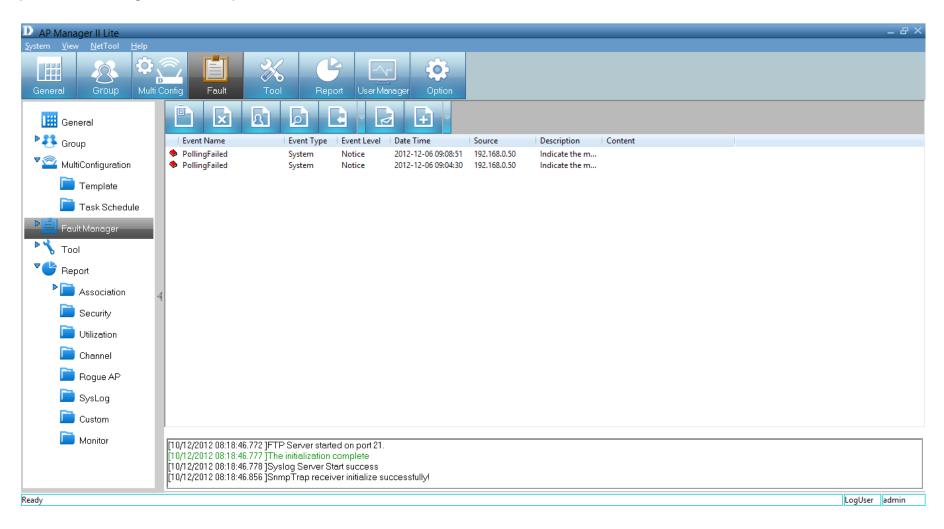
D AP Manager II Lite					_ # ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp					
	Config Fault	Tool R	eport UserManager Option		
🔛 General	Config Comparison	C Disable	D Template	×	New Edit Delete
▶ 🛃 Group	Task Name	Activity	- Select Template		
MultiConfiguration			Selected Template Name		
Template					
Task Schedule	Upgrade FW				New Edit Delete
Fault Manager		C Disable 🤇			New Edit Delete
Tool	Task Name	Activity			
Report					
P 📄 Association 🧃					
📄 Security					
Dtilization	MultiConfig	C Disable 🤇	<	>	New Edit Delete
Channel	Task Name	Activity			
📄 Rogue AP					
📄 SysLog			Back	Next 📎 🗶 Cancel	
Custom					
C Monitor	[10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4	6.777]The initializatio 6.778 ISvslog Server	arted on port 21. on complete Start success seiver initialize successfully!		
Ready					LogUser admin

Under Schedule, select one of the options provided and click **Finish**.

D AP Manager II Lite				_ 문 ×
<u>System View N</u> etTool <u>H</u> elp				
General Group Multi		Tool F	Report User Manager Option	
☐ General ▶ ♣ Group ▼	Config Comparison Task Name	C Disable G Activity	D Schedule ×	New Edit Delete
Template			O Specify Time O Specify Day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday	
Fault Manager	Upgrade FW	C Disable 🤅		New Edit Delete
Tool	Task Name	Activity	🗖 Friday 🔲 Saturday 🔲 Sunday	
Report			Date: 12/10/2012 -	
P 🛅 Association 🚽			Time 9:46:06 AM	
C Security				
📄 Utilization	MultiConfig	🔿 Disable 🦷 🤅		New Edit Delete
📄 Channel	Task Name	Activity		
📄 Rogue AP				
📄 SysLog			🔇 Back 💙 Finish 💥 Cancel	
Custom				
Monitor	[10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4 [10/12/2012 08:18:4	6.777]The initializati 6.778 ISvslog Serve	tarted on port 21. on complete r Start success ceiver initialize successfully!	
Ready				LogUser admin

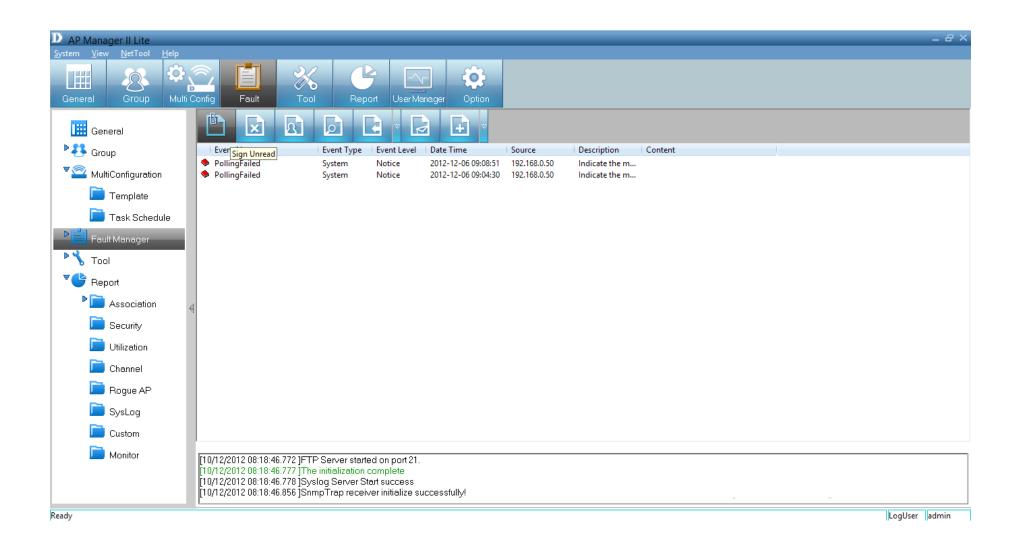
Fault Manager

The *Fault Manager* can be accessed from both the side panel and the top panel. Click this icon to access details relating to faults experienced using the access point.

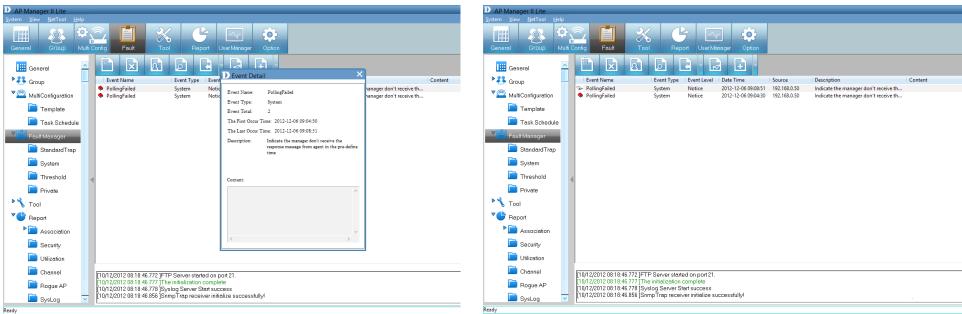


Unread

Click this icon to mark messages as Unread.

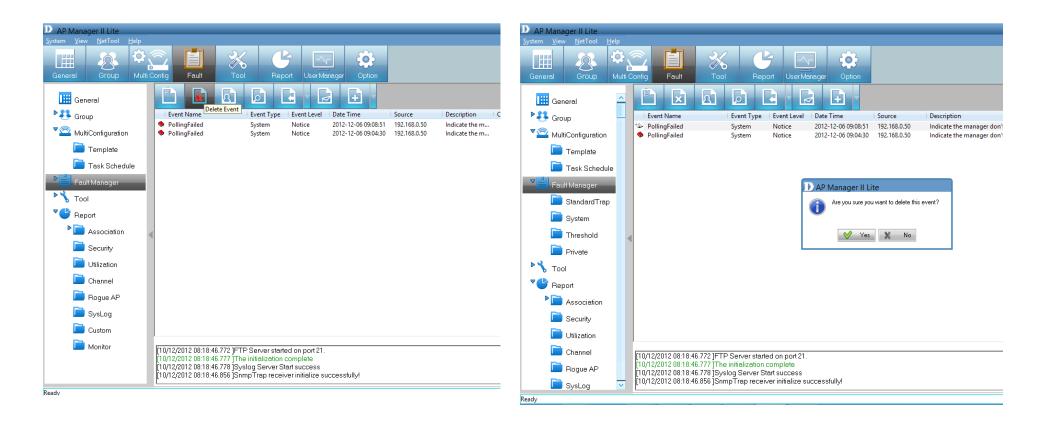


Double-click an event to view its details. The icon next to the event will change to an "open book" when event details are accessed.



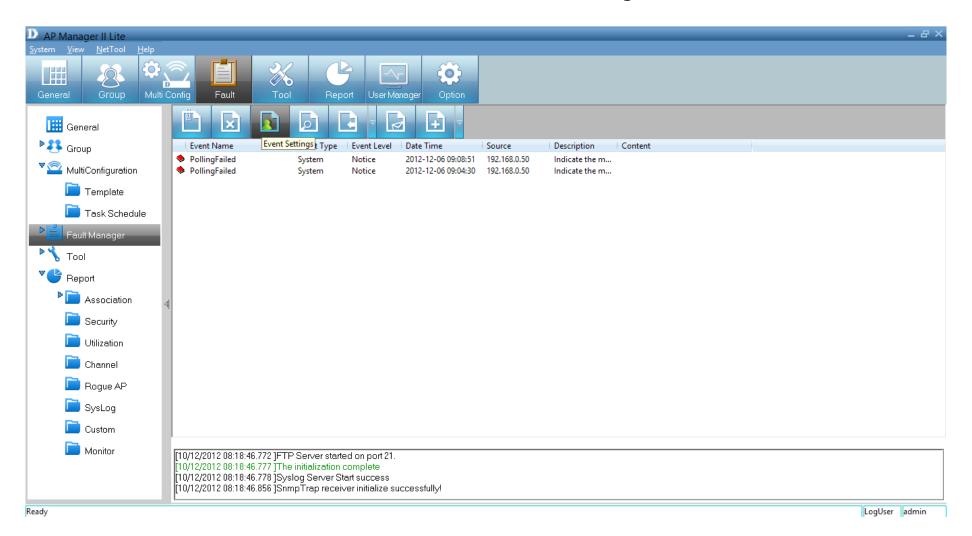
Delete Event

Click this icon to **Delete** an event. Confirm the delete by clicking **Yes**. Click **No** to exit and do nothing.

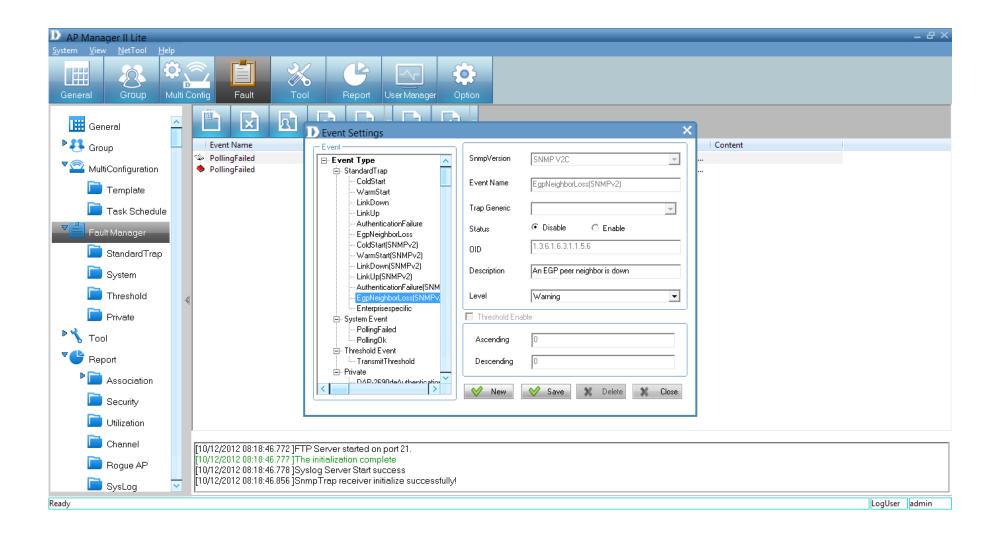


Event Settings

Click the icon third from the left above the *Events* window to show **Event Settings**.



The main *Event Settings* panel will open.



The Events Settings panel consists of four main Event Types.

AP Manager II Lite			_ 8	
<u>System View N</u> etTool <u>H</u> el	ip.			System View NetTool Help
General Group M	Aulti Config Fault T		Copton -	General Group MultiConfig Fault Tool Fegori UserMeinose Option
		D Event Settings		General Context
MultiConfiguration	 PollingFailed PollingFailed 	Event Type F Standard Iron	SnmpVersion SNMP V2C	CollingFailed Control Participation CollingFailed Control Participation Control Particinter Control Participatio Control Participation Contro
Template	+ Forming blics	- ColdStart	Event Name StandardTrap	System Event Event Name Event Name StandardTrap
Task Schedule		- LinkDown	Trap Genetic	Tosk Schedule Printedukt Vent
Fault Manager		AuthenticationFailure EgpNeighborLoss	Status @ Disable C Enable	Foult Manager
🛅 StandardTrap		ColdStart(SNMPv2) WarmStart(SNMPv2)	OID 1.3.6.1.6.3.1.1.5.4	StandardTrap
🚞 System		 LinkDowr(SNMPv2) LinkUp(SNMPv2) AuthenticationFailure(SNMPv2) 	Description	System
Threshold	-	- EgpNeighborLoss(SNMPv2) - Enterprisespecific	Level Notice	Threshold Private Threshold
Private		System Event	Threshold Enable	
🎙 🔧 Tool		Threshold Event E Private	Ascending 0	
* Beport			Descending 0	Association
Association		<	✓ New ✓ Save X Delete X Close	Scott Start
Security				Dikizaton
🛅 Utilization				Channel [10/12/2012 08:18:46:772]TTP Server stated on port 21.
Channel	[10/12/2012 08:18:46.772]F	FTP Server started on port 21.		Program AP 10/12/2012 U818 46.777 [The initialization complete 10/12/2012 U818 46.777 [The initialization complete 10/12/2012 U818 46.778 [Systog Server Start success
Rogue AP	10/12/2012 08:18:46.777 1 10/12/2012 08:18:46.778 1 10/12/2012 08:18:46.778 1	The initialization complete Syslog Server Start success SnmpTrap receiver initialize successfully!		TUT/2012 08:14:7/5 Systup sever Soft success Systup sever Soft success Systup Vit/2012 08:14:45:55 Systup sever Soft successfully/
SysLog	U10/12/2012 08:18:46.856 J	Snmp I rap receiver initialize successfully		Ready LooUser Jadmin
Ready			LogUser admin	

Standard Trap

System Event

AP Manager II Lite						_ 8 ×	AP Manager II Lite						_ 8 ×
System View NetTool Help							System View NetTool Help						
General Group Mit	Ati Config Foult		Option				General Group Multi		ol Report UserManager				
		DEvent Settings		×					D Event Settings		×	9	
B Group	Event Name	Event			Content		Broup	Event Name	Event	1		Content	
MultiConfiguration	 PollingFailed PollingFailed 	Event Type StandardTrap System Event	SnmpVersion SNMPV2C	V	**		MultiConfiguration	 PollingFailed PollingFailed 	Event Type StandardTrap System Event	SnmpVersion Event Name	SNMP V2C		
🛅 Template		Threshold Event	Event Name Standard rap						Threshold Event Private				
🛅 Task Schedule			Trap Generic	Ŧ			Task Schedule		- DAP-2690deAuthentication - DAP-2690stationDisassocNoti	Trap Generic	Disable C Enable		
Fault Manager				C Enable			Foult Monager		 DAP-2690stationAssocNotity DAP-2690wlantit inkDown 	Status	Ussable C Enable 1.3.6.1.6.3.1.1.5.4		
StandardTrap			010 1.3.6.1.6.3.1.1.5.	1			StenderdTrep		 DAP-2690webLogoutSuccess DAP-2690bcFlood 				
📄 System			Description				System		 DAP-2690disassociateAttack DAP-2690deauthenticateAttack 	Description			
Threshold	4		Level Notice	•			Threshold		 DAP-2690wlanifLinkUp DAP-2690wlanifLinkUp 	Level	Notice		
Private			Threshold Enable				Private		 DAP-2690cpuLoadingFull DAP-2690teinetLoginFail 	Threshold Er	able		
Tool			Ascending 0				r 🔥 Tool		 DAP-269DwebNotify DAP-269DsshLoginFail 	Ascending	0		
Peport 🔮			Descending 0				Report			Descending	0		
Association							Association		<	V New	🛇 Save 💥 Delete 💥 Close		
Security			Vew Save	🕻 Delete 🗶 Close			Security						
Utilization							Channel						
Channel	[10/12/2012 08:18:46.772]F	TP Server started on port 21.						F10/12/2012 08:18:46 777 TT	TP Server started on port 21. he initialization complete				
Rogue AP	[10/12/2012 08:18:46.777] [10/12/2012 08:18:46.778]	The initialization complete Syslog Server Start success Snmp Trap receiver initialize successful					SysLog	[10/12/2012 08:18:46.778 jS [10/12/2012 08:18:46.856 jS	yslog Server Start success nmpTrap receiver initialize successfully				
SysLog	T 10/12/2012 08:18:46.856 J	snmp i rap recerver initialize successful	yı				Ready						LogUser admin
Ready						LogUser admin							

Threshold Event

Private

Standard Trap - The standard trap view window displays the standard trap data received from access points and consists of the following options:

ColdStart

WarmStart

DEvent Settings		×
- Event	n (]
Event Type	SnmpVersion	SNMP V1
🚊 StandardTrap 🧰		
ColdStart	Event Name	ColdStart
WarmStart		
LinkDown	Trap Generic	ColdStart(0)
LinkUp	hap denote	
AuthenticationFailure	Status	O Disable
EgpNeighborLoss	0.0.00	
ColdStart(SNMPv2)	OID	
WarmStart(SNMPv2)		
LinkDown(SNMPv2)	Description	The sending protocol entity has reinitialized, indi
LinkUp(SNMPv2) AuthenticationFailure(SNM		l
EgpNeighborLoss(SNMPv;	Level	Notice
Enterprisespecific		
⊡- System Event	Threshold Ena	able
PollingFailed		
PollingOk	Ascending	0
- Threshold Event		
TransmitThreshold	Descending	0
🗄 - Private 🗕 🗕		
DAP-2690deAuthentication		
	💛 New	Save X Delete X Close

Event Settings		*
Event Type	SnmpVersion	SNMP V1
⊡- StandardTrap ColdStart <mark>WarmStart</mark>	Event Name	WarmStart
LinkDown LinkUp	Trap Generic	WarmStart(1)
- AuthenticationFailure EgpNeighborLoss	Status	O Disable O Enable
ColdStart(SNMPv2) WarmStart(SNMPv2)	OID	
LinkDown(SNMPv2) LinkUp(SNMPv2)	Description	The sending protocol has reinitializing,but neith
AuthenticationFailure(SNM EgpNeighborLoss(SNMPv: Enterprisespecific	Level	Notice
System Event	🔲 Threshold Ena	able
PollingFailed PollingOk	Ascending	0
⊡ • Threshold Event	Descending	0
 Private DAP-2690de∆uthentication 	V New	Save X Delete X Close

LinkDown

vent	ר 🗌 ר	
🗠 Event Type 📃 🔨	SnmpVersion	SNMP V1
🗄 StandardTrap 🗾		
ColdStart	Event Name	LinkDown
WarmStart		
LinkDown	Tree Coursie	
LinkUp	Trap Generic	LinkDown(2)
AuthenticationFailure	Status	O Enable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	OID	
WarmStart(SNMPv2)	010	1
LinkDown(SNMPv2)	Description	A communication link has failed, the affected in
LinkUp(SNMPv2)	Description	A communication link has failed, the affected in
AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv:	Level	Notice
Enterprisespecific		
🚔 System Event	Threshold En	able
PollingFailed		
PollingOk	Ascending	0
⊟ Threshold Event		
TransmitThreshold	Descending	0
🖻 Private 🚽		7
	New	Save X Delete X Close



Event Settings		×
Event Type	SnmpVersion	SNMP V1
⊡- StandardTrap ColdStart WarmStart	Event Name	LinkUp
LinkDown <mark>LinkUp</mark>	Trap Generic	LinkUp(3)
- AuthenticationFailure EgpNeighborLoss	Status	O Disable
ColdStart(SNMPv2) WarmStart(SNMPv2)	OID	
LinkDown(SNMPv2) LinkUp(SNMPv2)	Description	A communication link has come up. The affecte
AuthenticationFailure(SNM EgpNeighborLoss(SNMPv;	Level	Notice
Enterprisespecific	Threshold Ena	ble
···· PollingFailed ···· PollingOk	Ascending	0
⊡- Threshold Event TransmitThreshold ⊡- Private	Descending	0
□- Frivate □	V New	Save X Delete X Close

AuthenticationFailure

Event Settings - Event SnmpVersion SNMP V1 🖃 Event Type \mathbf{v} ^ 🚊 StandardTrap ColdStart Event Name AuthenticationFailure WarmStart LinkDown Trap Generic AuthenticationFailure(4) $\overline{\mathbf{v}}$ LinkUp AuthenticationFailure Oisable ○ Enable Status EgpNeighborLoss ColdStart(SNMPv2) OID WarmStart(SNMPv2) LinkDown(SNMPv2) The agent has received an improperly authentic Description LinkUp(SNMPv2) AuthenticationFailure(SNM Error Level -EgpNeighborLoss(SNMPv. Enterprisespecific 🔲 Threshold Enable System Event PollingFailed PollingOk Ascending 0 🗄 - Threshold Event TransmitThreshold Descending . ⊟- Private DAP-2690deAuthentication 💛 New 💛 Save 🗶 Delete 🗙 Close <

EgpNeighborLoss

Event Settings		×
- Event		
🖃 Event Type 📃 🔨	SnmpVersion	SNMP V1
🖻 StandardTrap		
ColdStart	Event Name	EgpNeighborLoss
WarmStart		21 2
LinkDown	Trap Generic	E Naishhad (E)
LinkUp	Thep deficite	EgpNeighborLoss(5)
AuthenticationFailure	Status	O Disable
EgpNeighborLoss	- Claudo	
ColdStart(SNMPv2)	OID	
WarmStart(SNMPv2)		
LinkDown(SNMPv2)	Description	An EGP peer neighbor is down
LinkUp(SNMPv2)		
AuthenticationFailure(SNM	Level	Warning 🗨
EgpNeighborLoss(SNMPv.	Level	Warning 🗾
Enterprisespecific	Threshold Enable	
⊡- System Event		
PollingFailed	Ascending	0
PollingOk E Threshold Event	Ascending	0
TransmitThreshold	Descending	0
Private	Descending	р о
	L]
< >	V New	💙 Save 🗶 Delete 🗶 Close
	V	

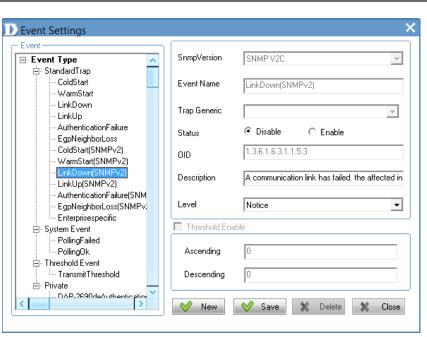
ColdStart (SNMPv2)

WarmStart (SNMPv2)

D Event Settings		×
Event - Event Type	SnmpVersion	SNMP V2C
⊡- StandardTrap ColdStart WarmStart	Event Name	ColdStart(SNMPv2)
LinkDown LinkUp	Trap Generic	
AuthenticationFailure	Status	O Disable
EgpNeighborLoss <mark>ColdStart(SNMPv2)</mark> WarmStart(SNMPv2)	OID	1.3.6.1.6.3.1.1.5.1
LinkDown(SNMPv2) LinkUp(SNMPv2)	Description	The sending protocol entity has reinitialized, indi
AuthenticationFailure(SNM EgpNeighborLoss(SNMPv: Enterprisespecific	Level	Warning
⊟-System Event	🔲 Threshold Ena	able
PollingFailed PollingOk	Ascending	0
Threshold Event		
TransmitThreshold	Descending	0
Private MAP.2690.deAuthentication	💙 New	Save X Delete X Close

Event			
🗄 Event Type 🗾 🧹	× 1	SnmpVersion	SNMP V2C
🚍 StandardTrap			
ColdStart		Event Name	WarmStart(SNMPv2)
WarmStart			
LinkDown		Trap Generic	
LinkUp		riap denenc	▼
- AuthenticationFailure		Status	O Disable
EgpNeighborLoss		Status	
— ColdStart(SNMPv2)		DID	1.3.6.1.6.3.1.1.5.2
WarmStart(SNMPv2)		010	
LinkDown(SNMPv2)		Description	The sending protocol has reinitializing,but neith-
LinkUp(SNMPv2)		Description	The senaing protocor has reinidalizing, but heidin
- AuthenticationFailure(SNM			
EgpNeighborLoss(SNMPv:		Level	Notice
Enterprisespecific			
🚊 System Event		Threshold Ena	able
···· PollingFailed			
PollingOk		Ascending	0
🚊 Threshold Event			-
TransmitThreshold		Descending	0
🕂 Private 🗕	_		1

LinkDown(SNMPv2)



LinkUp(SNMPv2)

Event		
Event Type 🔨	SnmpVersion	SNMP V2C
🖻 StandardTrap		
ColdStart	Event Name	LinkUp(SNMPv2)
WarmStart		
LinkDown	Tree Coursis	
LinkUp	Trap Generic	v
AuthenticationFailure	Status	O Enable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	מוח	1.3.6.1.6.3.1.1.5.4
WarmStart(SNMPv2)	010	1
LinkDown(SNMPv2)	Description	A communication link has come up. The affecte
LinkUp(SNMPv2)	Description	A communication link has come up, the affecte
AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv:	Level	Notice 🔹
Enterprisespecific		
🚊 System Event	Threshold En	able
PollingFailed		
PollingOk	Ascending	0
⊟- Threshold Event		
TransmitThreshold	Descending	0
🗄 Private 🗕 🚽		

AuthenticationFailure(SNMPv2)

× Event Settings - Event SnmpVersion SNMP V2C 🖃 Event Type ^ $\overline{\mathbf{v}}$ 🗄 StandardTrap ColdStart Event Name AuthenticationFailure(SNMPv2) WarmStart LinkDown Trap Generic -LinkUp AuthenticationFailure \odot Disable C Enable Status EgpNeighborLoss ColdStart(SNMPv2) 1.3.6.1.6.3.1.1.5.5 OID WarmStart(SNMPv2) LinkDown(SNMPv2) The agent has received an improperly authentic Description LinkUp(SNMPv2) AuthenticationFailure(9 Notice • Level -AuthenticationFailure(SNMP - Enterprisespecific 🔲 Threshold Enable 🚊 - System Event PollingFailed PollingOk Ascending - Threshold Event - TransmitThreshold Descending ≟- Private . DAP-2690deAuthentication < V New Save Save 🗶 Delete X Close

EgpNeighborLoss(SNMPv2)

vent			
Event Type	SnmpVersion	SNMP V2C	-
	1	,	
- ColdStart	Event Name	EgpNeighborLoss(SNMPv2)	
WarmStart		Egpreighboleoss(orthin ve)	
LinkDown			
LinkUp	Trap Generic		T
- AuthenticationFailure	Chabur	O Disable	
EgpNeighborLoss	Status		
ColdStart(SNMPv2)	מוח	1.3.6.1.6.3.1.1.5.6	
WarmStart(SNMPv2)		1	
LinkDown(SNMPv2)	Description	An EGP peer neighbor is down	
LinkUp(SNMPv2)	Description	ArrEar peer heighborns down	
- AuthenticationFailure(SNM			
EgpNeighborLoss(SNMPv.	Level	Warning	-
Enterprisespecific			
🚍 System Event	Threshold En	able	
PollingFailed			
PollingOk	Ascending	0	
Threshold Event		-	
TransmitThreshold	Descending	0	
🖻 Private 🚽			
	V New	Save 🗶 Delete 🗶	Close

Enterprisespecific

Event		
🖃 Event Type 🗾 🗸	SnmpVersion	SNMP V1
🚊 StandardTrap		
ColdStart	Event Name	Enterprisespecific
WarmStart		
LinkDown	Trap Generic	
LinkUp	riap denenc	EnterpriseSpecific(6)
- AuthenticationFailure	Status	O Disable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	DID	
WarmStart(SNMPv2)		
LinkDown(SNMPv2)	Description	
LinkUp(SNMPv2)	Description	
- AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv:	Level	Notice 🔹
Enterprisespecific		
🚊 - System Event	Threshold Er	hable
PollingFailed		
PollingOk	Ascending	0
Threshold Event		
TransmitThreshold	Descending	0
🖻 ·· Private 🚽 🚽		1

System Event - To configure the trap condition, click the **System Event** icon in the tool bar to set the event settings. It consists of the following options:

System Event

To modify an event setting, select the event from the *Event Type* list and then change the items. Click **Save** button to apply the changes.

To add a new event, click the **New** button and configure the settings in the event creation window.

Event Settings		
EgpNeighborLoss(SNMPv2)	SnmpVersion	SNMP V1
	erinp referen	
System Event	Event Name	
- PollingFailed	Eveniumanie	System Event
PollingOk		
E Threshold Event	Trap Generic	·
		0.00
E- Private	Status	O Disable 💿 Enable
DAP-2690deAuthentication		
	OID	
- DAP-2690stationAssocNotify	N 10	
- DAP-2690wlanlfLinkDown	Description	
DAP-2690webLogoutSucces		
DAP-2690bcFlood	Level	Notice 🔹
DAP-2690disassociateAttack		
DAP-2690deauthenticateAtta	🔲 Threshold En	able
DAP-2690wlanlfLinkUp		
DAP-2690memoryPoor	Ascending	0
DAP-2690cpuLoadingFull		3
DAP-2690telnetLoginFail 💦 👘	Descending	0
DAP-2690webNotify		2
DAP-2690ssbl.ogipEail		
	💛 New	🛇 Save 🗶 Delete 🗶 Close

vent	ר 🗌 ר	
Event Type 🔨 🔨	SnmpVersion	SNMP V1
🚊 StandardTrap 📃 👘		
ColdStart	Event Name	PollingFailed
WarmStart		
LinkDown	Tran Ganaria	
LinkUp	Trap Generic	v
AuthenticationFailure	Status	O Disable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	OID	
WarmStart(SNMPv2)		1
LinkDown(SNMPv2)	Description	Indicate the manager don't receive the respons
LinkUp(SNMPv2)	Description	indicate the manager don't receive the respons
AuthenticationFailure(SNMP		
EgpNeighborLoss(SNMPv2)	Level	Notice 🗾
Enterprisespecific		
⊡- System Event	🔲 Threshold En	able
PollingFailed		
PollingOk	Ascending	0
- Threshold Event		
TransmitThreshold	Descending	0
Private —		
Er Frivate		

PollingFailed

PollingOK

Event-					
Event Type	~	SnmpVersion	SNMP V1		-
🚊 StandardTrap					
ColdStart		Event Name	PollingOk		
WarmStart			l' oninger:		
LinkDown		Trap Generic			
LinkUp		riap denenc			T
- AuthenticationFailure		Status	Disable	C Enable	
EgpNeighborLoss		Status	*S Disable	V Enable	
ColdStart(SNMPv2)		מוח			
WarmStart(SNMPv2)		010	1		
LinkDown(SNMPv2)		Description	Indicate the ma	nager don't receive the	respons
LinkUp(SNMPv2)		Description	Indicate the ma	inager don theceive the	respons
- AuthenticationFailure(SNMP					
EgpNeighborLoss(SNMPv2)		Level	Notice		-
Enterprisespecific					
🚊 - System Event		Threshold Ena	ible		
PollingFailed					
PollingOk		Ascending	0		
Threshold Event					
TransmitThreshold		Descending	0		
- Private		L	,		
	×		Save		

Threshold Event consists of the following options:

Threshold Event

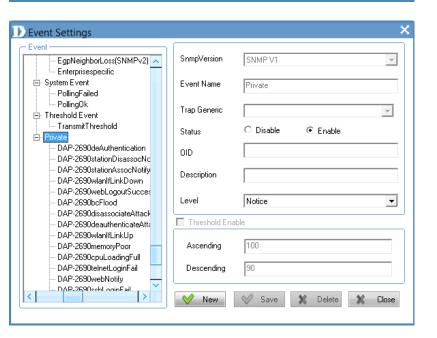
Event EgpNeighborLoss(SNMPv2) Enterprisespecific System Event PollingDk TransmitThreshold Private DAP-2690deAuthentication DAP-2690stationAssocNotify DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogingFull DAP-2690webNotify DAP-26	DEvent Settings		×
 System Event PollingGrailed PollingOk Inreshold Event Trap Generic Trap Generic Status DAP-2690deAuthentication DAP-2690vebLogoutSucces DAP-2690deauthenticateAttach DAP-2690deauthenticateAttach	EgpNeighborLoss(SNMPv2)	SnmpVersion	SNMP V1
PollingOk TransmitThreshold TransmitThreshold Private DAP-2690deAuthentication DAP-2690stationAssocNotify DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLoginsEait DAP-2690webNotify	🚍 System Event	Event Name	Threshold Event
Private DAP-2690deAuthentication DAP-2690deAuthentication DAP-2690deAuthentication DAP-2690deShlorinFail DAP-2690deAuthenticateAttack DA	PollingOk Threshold Event	Trap Generic	
DAP-2690stationDisassochc OID DAP-2690stationAssocNotify Description DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690webLogoutSucces DAP-2690disassociateAttack DAP-2690disassociateAttack Threshold Enable DAP-2690webnoginFail Ascending DAP-2690webNotify Description		Status	O Disable
DAP-2690wlanifLinkDown DAP-2690webLogoutSucces DAP-2690disassociateAttack DAP-2690disassociateAttack DAP-2690deauthenticateAttack DAP-2690wlanifLinkUp DAP-2690webNotify DAP-2690webNotify DAP-2690webNotify DAP-2690webNotify DAP-2690webNotify DAP-2690webNotify		OID	
DAP-2690bcFlood DAP-2690disassociateAttack DAP-2690deauthenticateAttack DAP-2690deauthenticateAttack DAP-2690denetLoginFail DAP-2690tenetLoginFail DAP-269	-	Description	
DAP-2690deauthenticateAtta DAP-2690wlanlfLinkUp DAP-2690memoryPoor DAP-2690cpuLoadingFull DAP-2690teInetLoginFail DAP-2690webNotify DAP-2690webNotify	DAP-2690bcFlood	Level	Notice
DAP-2690memoryPoor DAP-2690cpuLoadingFull DAP-2690tethetLoginFail DAP-2690webNotify DAP-2690webNotify		Threshold Ena	ble
DAP-2690telnetLoginFail Descending 0	DAP-2690memoryPoor	Ascending	0
	- DAP-2690telnetLoginFail	Descending	0
	i DAP.2E9DeebLoginEail	💛 New	Save X Delete X Close

Transmit Threshold

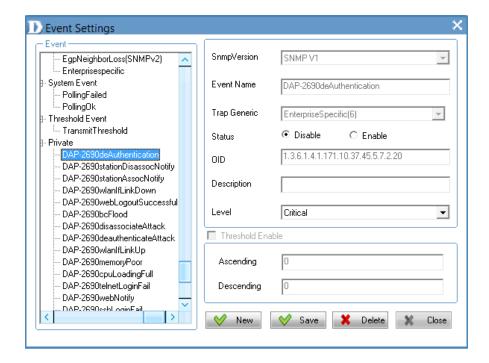
Event Settings - Event EgpNeighborLoss(SNMPv2) 🔼 SnmpVersion SNMP V1 $\overline{\mathbf{v}}$ - Enterprisespecific 🚊 - System Event Event Name TransmitThreshold PollingFailed PollingOk Trap Generic -🗄 Threshold Event O Disable • Enable Status 🗄 Private - DAP-2690deAuthentication OID - DAP-2690stationDisassocNc - DAP-2690stationAssocNotify Description Access point transmit threshold message DAP-2690wlanlfLinkDown DAP-2690webLogoutSucces Notice Level -DAP-2690bcFlood DAP-2690disassociateAttack 🔲 Threshold Enable - DAP-2690deauthenticateAtta - DAP-2690wlanlfLinkUp DAP-2690memoryPoor Ascending 100 DAP-2690cpuLoadingFull 90 DAP-2690telnetLoginFail Descending DAP-2690webNotify \sim DAP-2690eebl oginEail > 💛 New 💛 Save 🗶 Delete X Close

Private consists of the following options:

Private



DAP-2690deAuthentication



DAP-2690stationDisassocNotify

Event Settings		*	5
Event-	ר 🗌 ר		
Enterprisespecific	SnmpVersion	SNMP V1	
₽- System Event			
PollingFailed	Event Name	DAP-2690stationDisassocNotify	
PollingOk		J	
P Threshold Event	Trap Generic	EnterpriseSpecific(6)	
TransmitThreshold			
- Private DAP-2690deAuthentication	Status	O Disable	
		1.3.6.1.4.1.171.10.37.45.5.7.2.15	
DAP-2690stationAssocNotify	OID	1.3.6.1.4.1.171.10.37.45.5.7.2.15	
- DAP-2690wlant/LinkDown			
DAP-2690webLogoutSuccessful	Description		
- DAP-2690bcFlood			
- DAP-2690disassociateAttack	Level	Critical	
- DAP-2690deauthenticateAttack			
- DAP-2690wlanlfLinkUp	Threshold Ena	ble	
DAP-2690memoryPoor			
DAP-2690cpuLoadingFull	Ascending	0	
DAP-2690telnetLoginFail			
DAP-2690webNotify	Descending	0	
DAP-2690sshLoginFail			
	💙 New	💙 Save 🗶 Delete 💥 Close	

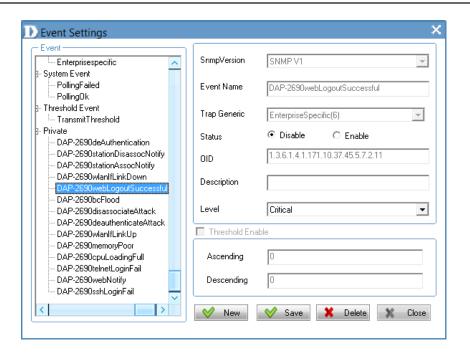
DAP-2690stationAssocNotify

D Event Settings × - Event SnmpVersion SNMP V1 ---- Enterprisespecific ^ System Event - PollingFailed DAP-2690stationAssocNotify Event Name ---- PollingOk Threshold Event Trap Generic EnterpriseSpecific(6) TransmitThreshold Private O Disable C Enable Status DAP-2690deAuthentication DAP-2690stationDisassocNotify 1.3.6.1.4.1.171.10.37.45.5.7.2.14 OID DAP-2690stationAssoc DAP-2690wlanIfLinkDown Description DAP-2690webLogoutSuccessful DAP-2690bcFlood Critical -Level DAP-2690disassociateAttack DAP-2690deauthenticateAttack 🔲 Threshold Enable DAP-2690wlanlfLinkUp DAP-2690memoryPoor DAP-2690cpuLoadingFull Ascending 0 DAP-2690telnetLoginFail DAP-2690webNotify Descending --- DAP-2690sshLoginFail \sim < V New 💛 Save 🗶 Delete X Close

DAP-2690wlanlfLinkDown

Event-	٦ 🗌	
Enterprisespecific	SnmpVersion	SNMP V1
System Event		
PollingFailed	Event Name	DAP-2690wlanlfLinkDown
PollingOk		
Threshold Event	Trap Generic	EnterpriseSpecific(6)
TransmitThreshold	riap denone	
Private	Status	O Disable
DAP-2690deAuthentication	0.0.00	
DAP-2690stationDisassocNotify	OID	1.3.6.1.4.1.171.10.37.45.5.7.2.13
DAP-2690stationAssocNotify		,
DAP-2690wlanIfLinkDown	Description	
DAP-2690webLogoutSuccessful		
DAP-2690bcFlood	Level	
DAP-2690disassociateAttack	Level	Untical
DAP-2690deauthenticateAttack	Threshold Ena	abla
DAP-2690wlanlfLinkUp	I THICSHOLD EN	3010
DAP-2690memoryPoor DAP-2690cpuLoadingFull	Ascending	0
	Ascending	0
	Descending	0
DAP-2690sshLoginFail	Descending	0
DAF-2630ssriLugirirali		

DAP-2690webLogoutSuccessful

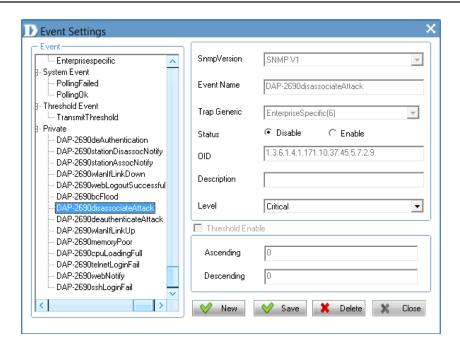


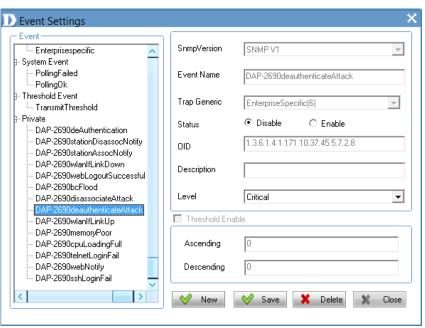
DAP-2690bcFlood

DEvent Settings			:	×
- Event	_			1
Enterprisespecific		SnmpVersion	SNMP V1	
B- System Event				
PollingFailed		Event Name	DAP-2690bcFlood	
In PollingOk				
		Trap Generic	EnterpriseSpecific(6)	
		_		
		Status	O Disable O Enable	
		מוס	1.3.6.1.4.1.171.10.37.45.5.7.2.10	
DAP-2690stationAssocNotify		0.0		
DAP-2690wlanIfLinkDown		Description		
DAP-2690webLogoutSuccessful DAP-2690bcFlood				
DAP-2690disassociateAttack		Level	Critical	
			·	J
DAP-2690wlanIfLinkUp		Threshold Ena	ible	
DAP-2690memoryPoor				
DAP-2690cpuLoadingFull		Ascending	0	
DAP-2690telnetLoginFail		Descending	0	
DAP-2690sshLoginFail		Descending	0	
	1			
		💛 New	💙 Save 🗶 Delete 🗶 Close	
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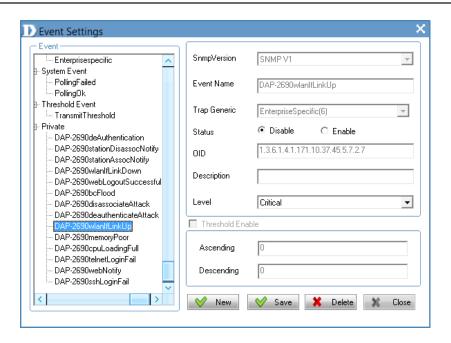
DAP-2690disassociateAttack

DAP-2690deauthenticateAttack

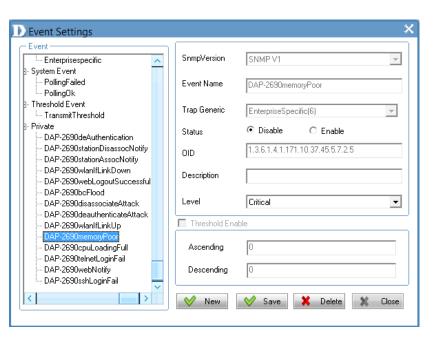




DAP-2690wlanlfLinkUp

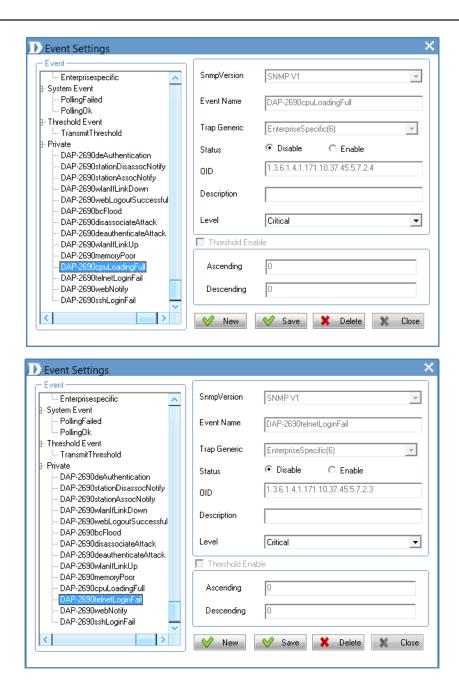


DAP-2690memoryPoor



DAP-2690cpuLoadingFull

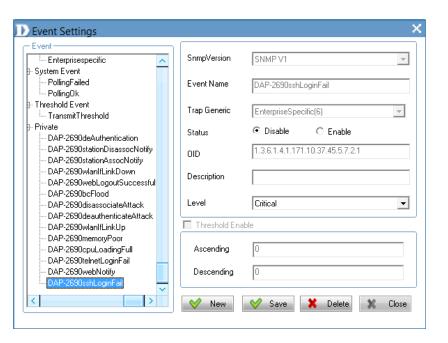
DAP-2690telnetLoginFail



DAP-2690webnotify

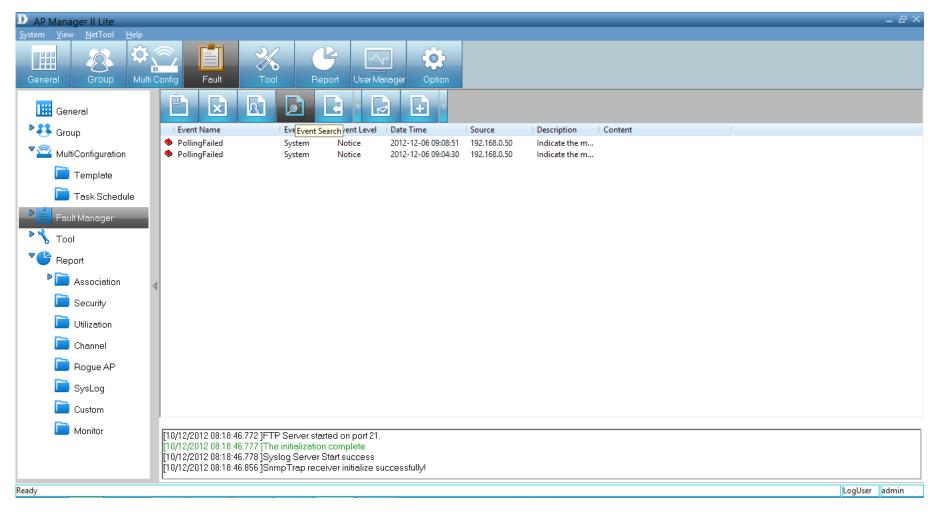
× Event Settings - Event SnmpVersion SNMP V1 Enterprisespecific ^ $\overline{\mathbf{v}}$ System Event - PollingFailed Event Name DAP-2690webNotify - PollingOk Threshold Event Trap Generic EnterpriseSpecific(6) $\overline{\mathbf{v}}$ - TransmitThreshold Private C Enable Oisable Status - DAP-2690deAuthentication - DAP-2690stationDisassocNotify 1.3.6.1.4.1.171.10.37.45.5.7.2.2 OID DAP-2690stationAssocNotify DAP-2690wlanIfLinkDown Description DAP-2690webLogoutSuccessful DAP-2690bcFlood Level Critical -DAP-2690disassociateAttack DAP-2690deauthenticateAttack 🔲 Threshold Enable DAP-2690wlanlfLinkUp DAP-2690memoryPoor DAP-2690cpuLoadingFull Ascending DAP-2690telnetLoginFail 2690webNotify Descending DAP-2690sshLoginFail \sim > \checkmark New 💛 Save 🗶 Delete X Close

DAP-2690sshLoginFail



Event Search

Click this icon to begin an Event Search.

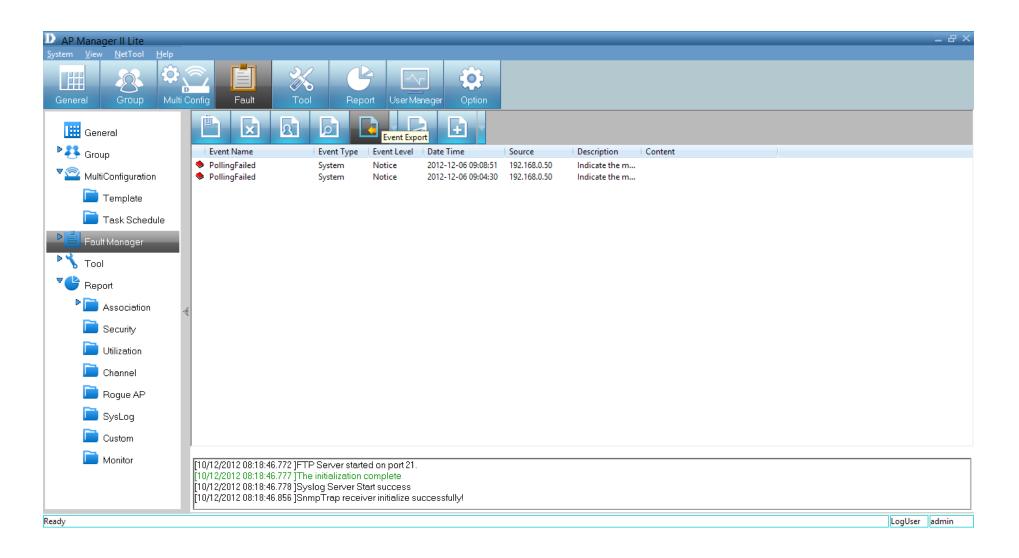


The Event Search window will open. Fill in the fields for Event Type, Event Level, Start Time, End Time and Node IP to narrow your search, and click **Search** to begin.

D AP Manager II Lite			_ 8 ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp			
General Group Multi Config	g Fault	Report User Manager Option	
		Event Type Event Level Date Time Source Description Content	
		System Notice 2012-12-06 09:08:51 192.168.0.50 Indicate the m System Notice 2012-12-06 09:04:30 192.168.0.50 Indicate the m	
Template	5		
Task Schedule		D Event Search	
Fault Manager		Search Parameter	
		Event Type Ati Event Level Ati	
StandardTrap		Start Time 12/10/2012 End Time 12/10/2012	
System		Node IP 0 . 0 . 0 . 0	
Threshold			
Private		O Search	
🎙 🔧 Tool			
Report			
Association			
Security			
🛅 Utilization			
Channel)/12/2012 08:18:46.772]FTP :	Server started on port 21.	
[10/)/12/2012 08:18:46.777]The i)/12/2012 08:18:46.778]Sysla	nitialization complete og Server Start success	
🔄 🔽 🔁 🛄	0/12/2012 08:18:46.856]Snmp	oTrap receiver initialize successfully!	
Ready			LogUser admin

Event Export

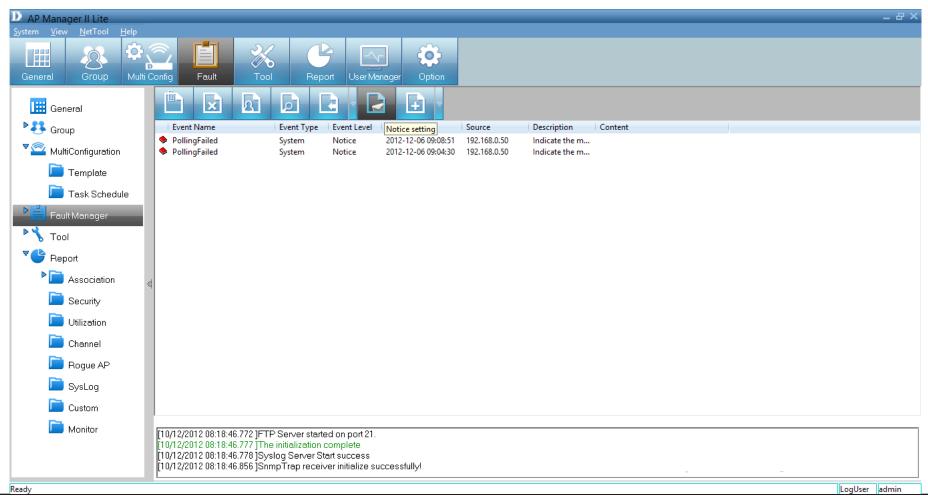
Click this icon to do an *Event Export. AP Manager II Lite* can export the event results to the files in **Text**, **Excel** or **PDF** format. To save event results, highlight the event record in the *Event Window* and click the **Event Export** icon in the tool bar. Next, select the file format you want to save. *AP Manager II Lite* will save all the records of that type to file.



Notice Settings

Click this icon to view the **Notice Settings**. *AP Manager II Lite* can set the corresponding actions when some level of events occurs. To configure the notice setting, click the **Notice Settings** icon in the tool bar.

Play sound: Click **Browse** to select the sound file. *AP Manager II Lite* will play the sound file when this level of event occurs. **Show Pop Message:** *AP Manager II Lite* will pop-up a message window when this level of event occurs. **Send E-mail:** Enter the e-mail information for the *To/From e-mail address, SMTP server, User Name/Password* [Optional], *Subject* and *Message* in the respective column. *AP Manager II Lite* will send this e-mail when this level of event occurs.



Create Watchlist

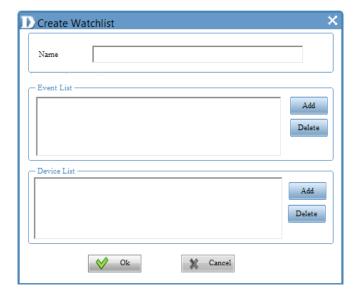
AP Manager II Lite allows a user to add custom watch a list(s) which only shows the specified devices and events.

To create a *Watchlist*, please follow the steps below:

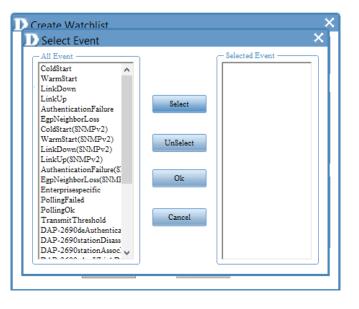
Click the **Create Watchlist** icon above the *Event Window*.

D AP Manager II Lite		- 8 ×
<u>System View N</u> etTool <u>H</u> elp		
	Config Fault Tool Report UserManager Option	
General		
P 👫 Group	Event Name Event Type Event Level Date Time Source Description Content	
MultiConfiguration		
Template		
Task Schedule		
Teult Manager		
🚞) StandardTrap		
System		
Threshold	補	
Private		
Stool		
Report		
Association		
📄 Security		
📄 Utilization		
Channel	[10/12/2012 08:18:46.772]FTP Server started on port 21. [10/12/2012 08:18:46.777]The initialization complete	
Rogue AP	[10/12/2012 08:18:46.777]The initialization complete [10/12/2012 08:18:46.778]Syslog Server Start success [10/12/2012 08:18:46.856]SnmpTrap receiver initialize successfully!	
📄 SysLog 🚽	[10/12/2012 08:18:46.856]SnmpTrap receiver initialize successfully!	
Ready	LogU	ser admin

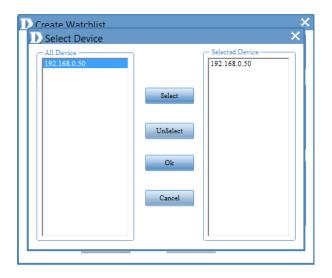
Enter the **Watch List Name** in the *Create Watchlist* form. Click the **Add** button to insert events into *Event List*.



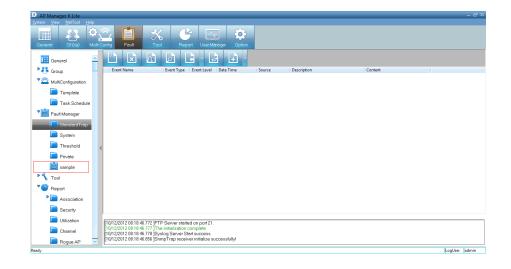
Select the events that need to be added in *Select Event* form, click the **Select** button, then click the **OK** button



Click the **Add** button to insert the devices into *Device List*. Select the devices that need to be added in the *Select Device* form. Click the **Select** button, then click the **OK** button.

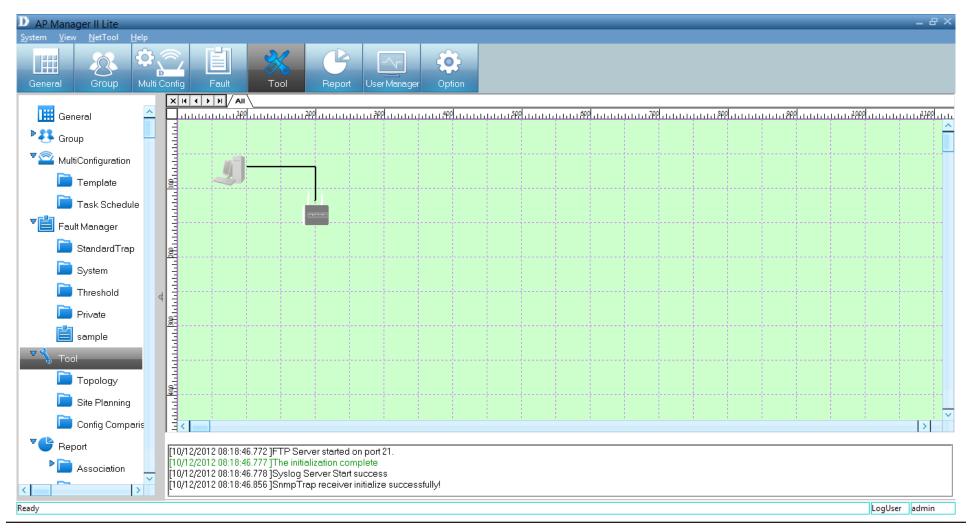


The new Watchlist will appear on the left-hand panel.



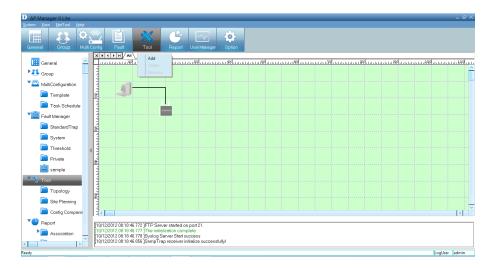
Tools Topology

You can create a topology map to graphically represent planned or existing networks to aid network design. Also, *AP Manager II Lite* will periodically poll network devices to monitor their status. You can further customize your diagrams with selected icons and bitmap files used for the background. When a topology map is opened, *AP Manager II Lite* will discover the devices connected on the network and display their icons on the map.

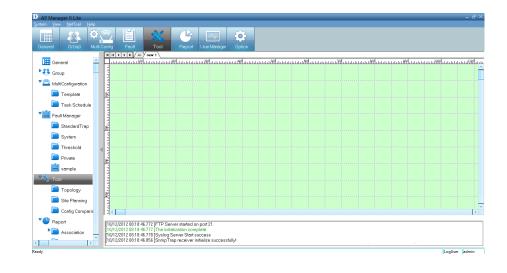


Section 4 - Configuration

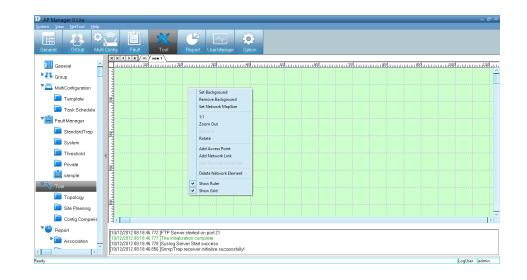
To create a new topology view, right-click on the *Tool* tab, and click **Add** on the pop-up window.



The new workspace will open.

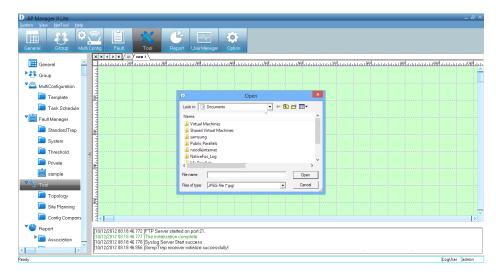


Right-click on the **workspace**.



To change the background, click **Set Background** in the pop-up window. Use the *Open* window to browse your computer files. When you locate a file, click it, then click **Open** to load.

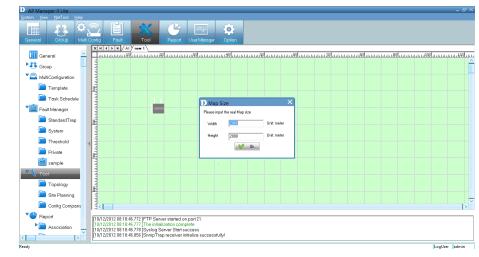
To remove the background, right-click the workspace and select **Remove Background**.



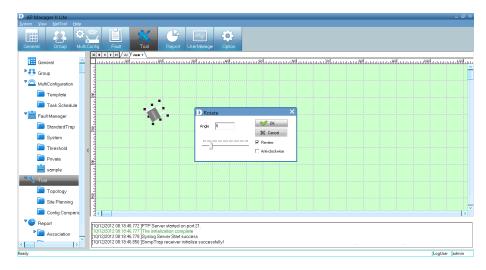
Section 4 - Configuration

To Set Network Map Size, right-click on the workspace and click **Set Network Map Size**. The Map Size window will appear.

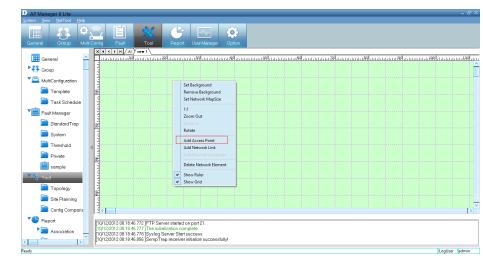
Adjust the Width and Height settings and click OK.



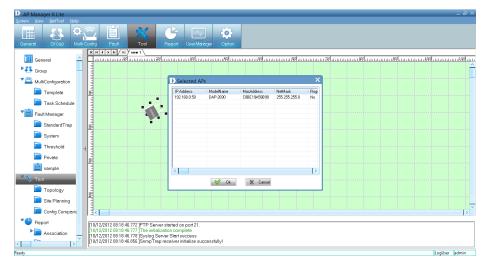
To *Rotate* the image, select the image first and click **Rotate**. Enter a figure in the field provided or use the slider to set the rotation. Click **OK** when complete.



To add an access point, right-click in on the workspace and select **Add Access Point**.

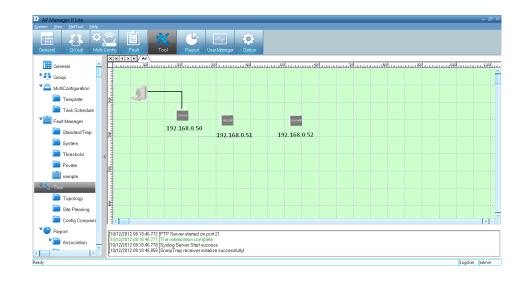


Under *Selected APs*, select the new access point you wish to use and click **OK**. The new access point will appear on the screen alongside the access point(s) you previously had.

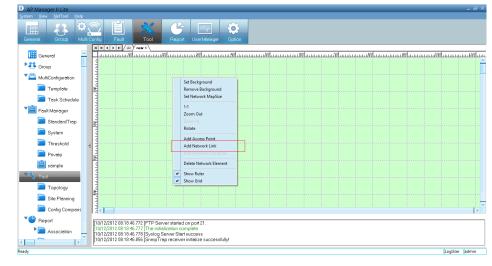


Section 4 - Configuration

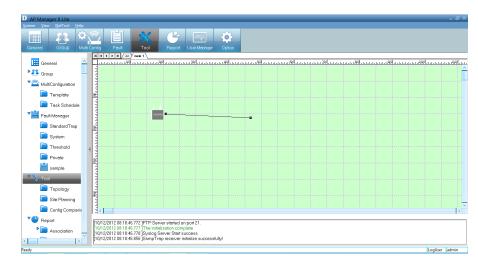
The new access point(s) will appear on the workspace.



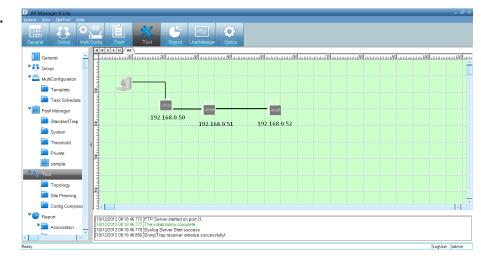
To add lines and organize the APs more efficiently, right-click in the workspace and click **Add Network Link**.



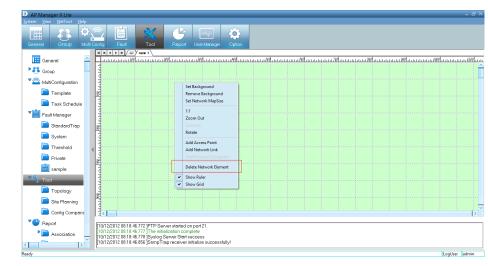
A drawing icon appears for you to create a line between devices.



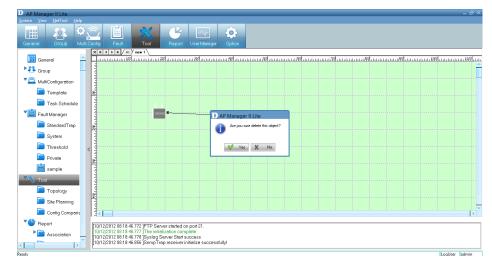
The topology now appears like a normal network schematic.



To delete a device, right-click the device and click **Delete Network Element**.

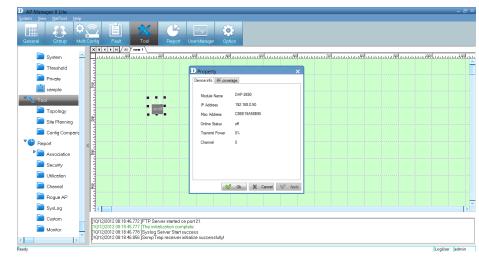


A warning message will appear, prompting you to verify your selection. Click **Yes** to continue with deleting the device or click **No** to cancel.

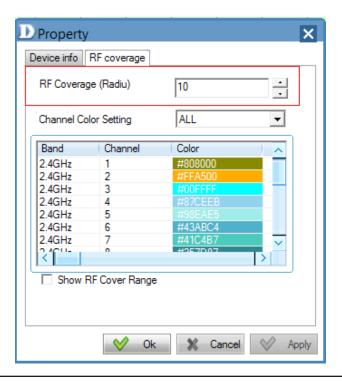


Section 4 - Configuration

To find out the properties of each device, double-click the device. The *Properties* window appears.

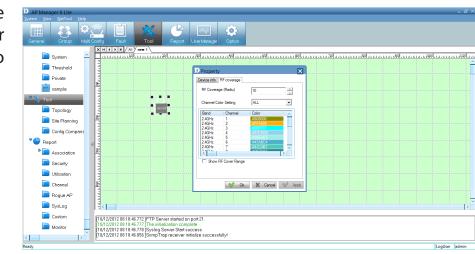


To define the *RF Coverage*, select the **RF Coverage tab**, click the **Up/Down** arrows to select the RF Coverage.



To define the channel color settings, click **ALL** or the device you want to configure. Double-click each channel or the color you want to change. A color palette will pop-up for you to select a new color.

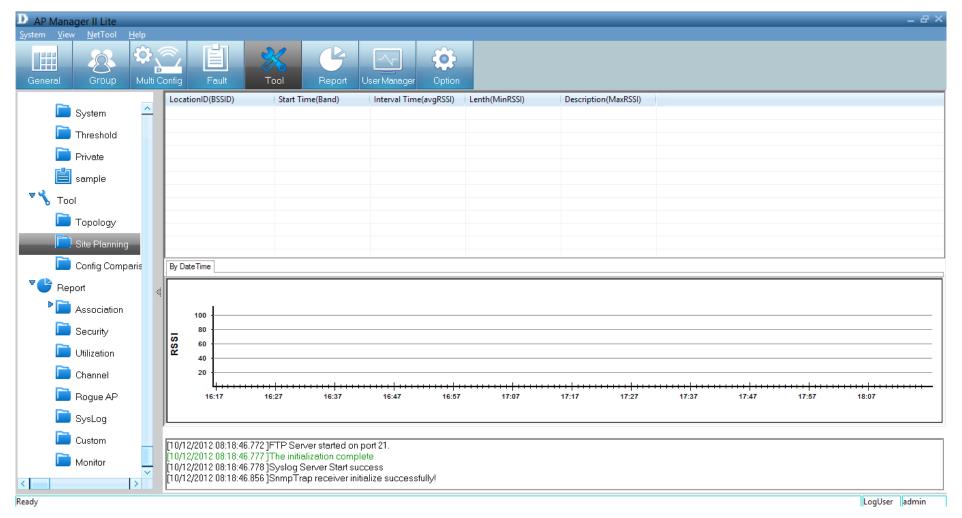
Click **Apply** and **OK** to finish.



Site Planning

Site Planning is designed to help a user layout the wireless network. Before establishing a wireless network, a user needs to plan and evaluate the wireless network. A user locates access points using his/her notebook to scan for access points. Once the access points are located, it can be imported into the *AP Manager II Lite* for analysis.

The Site Planning Interface shows the Location ID (BSSID), Start Time (Band), Interval Time (average RSSI), Length (Min RSSI), and a description (MaxRSSI).



To run the scan, go to the directory where the AP Manager II Lite is located. Double-click the **ScanAP.exe** file.

A 🖓 📗 🖛 🗛	pplication Tools		AP Manager II Lite	-	⊡ ×
File Home Share View	Manage				^ 🕜
Copy Paste Shortcut	Copy to	access - Properties	Select all Select none Invert selection		
Clipboard	Organize New	Open	Select		
(→ ↑ ↓ Computer → Loc	al Disk (C:) → Program Files → D-Li	c 🕨 AP Manager II Lite		✓ C Search AP Manager II Lit	te 🔎
A Franker	^ Name	Date modified	Type Size		^
★ Favorites	🚳 ConfigTpl.dll	11/16/2012 4:41 AM			
🔜 Desktop 🚺 Downloads	CostomReport	1/12/2009 4:16 PM	Safari Document 3 KB		
Downloads Recent places	DBEngine.dll	11/5/2007 9:48 AM	Application extens 104 KB		
Recent places A SkyDrive	M DIFTP.dll	12/25/2008 11:22	Application extens 68 KB		
zelnbox	S DLSkin.dll	11/16/2012 4:46 AN	Application extens 480 KB		
Z Zembox	dlTftp.dll	10/26/2005 5:01 PM	Application extens 32 KB		
🔚 Libraries	FileComparedObj.dll	11/1/2012 9:55 AM	Application extens 80 KB		
Documents	GDIPLUS.DLL	6/20/2003 2:28 PM	Application extens 1,736 KB		
Music	install.dll	8/1/2011 3:02 AM	Application extens 280 KB		
Pictures	🚳 libParseMib.dll	11/15/2012 2:15 PM	Application extens 116 KB		
Videos	🚳 Mfcdll.dll	5/7/2010 5:09 PM	Application extens 280 KB		
	🚳 msvcp60.dll	12/8/2006 2:23 PM	Application extens 393 KB		
🖳 Computer	NEAP.dll	3/19/2010 5:45 PM	Application extens 60 KB		
Local Disk (C:)	i options	12/5/2011 11:17 AM	Configuration sett 2 KB		
Removable Disk (E:)	Report	12/9/2008 7:54 PM	Safari Document 1 KB		
🕞 Volume_2 (\\192.168.0.102) (Y:)	ReportOidList	12/6/2012 8:57 AM	XML File 3 KB		
Section 2. (\\192.168.0.102) (Z:)	🕈 ScanAP	7/17/2012 8:02 PM	Application 404 KB		
	🚳 smtpdll.dll	9/20/2012 4:47 PM	Application extens 911 KB		
年 Network	🚳 snmp_pp.dll	12/20/2005 10:30	Application extens 280 KB		
ALEX-PC	SubDLL.dll	2/13/2007 1:19 PM	Application extens 24 KB		
🖳 Brian-PC	TopViewLib.dll	12/1/2012 1:45 AM	Application extens 577 KB		
HOME	txt2pdf	5/7/2010 5:09 PM	Application 1,448 KB		
NFUN-PC	📋 Unit	3/25/2009 5:55 PM	XML File 1 KB		
🖳 KINGMAN-PC	🗸 💡 winhlp32	8/3/2012 5:38 AM	Application 264 KB		~
43 items 1 item selected 403 KB					:==

Section 4 - Configuration

To collect the Access Points RF information, click **ScanAP**.

Select the target access point. Enter the Location ID, Description, Interval Time and Wireless Adapter, and then click the Start button.

Section 4 - Configuration

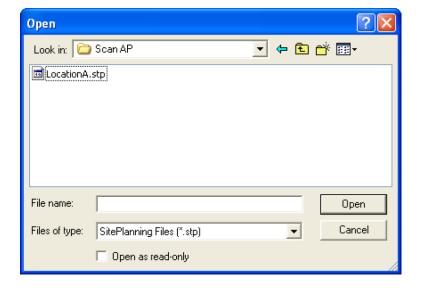
ScanAP starts to collect information on the access point. A message will appear when the access point scan is complete.



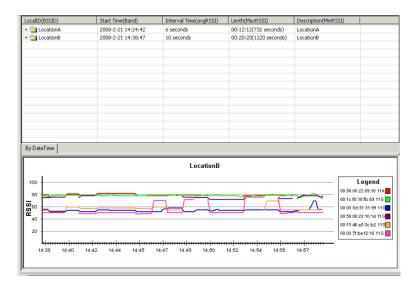
You can also save the location information by clicking the **Save** button when you are prompted.

Save As					? 🔀
Save in:	🚞 Scan AP		•	🗢 🗈 💣 🎫	
My Recent Documents Desktop					
My Documents					
My Computer					
S	File name:	LocationA.stp		•	Save
My Network Places	Save as type:	SitePlanning Files (*.stp)		•	Cancel

To load the *Location Information*, click the **Load** button from the **Site Planning** window, then click **Open**.

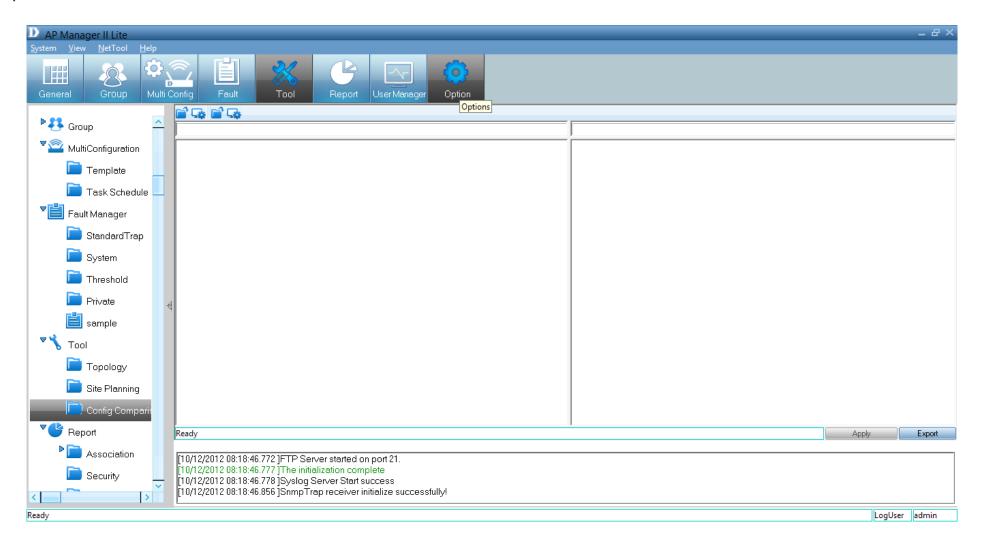


Select the file from the list or expand the file to see the details on each location.

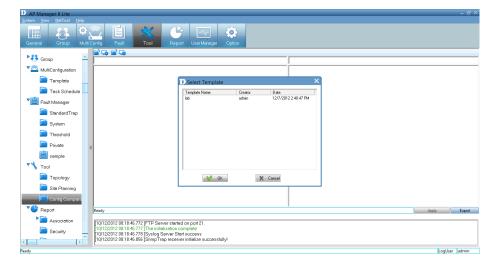


Config Comparison

The *Config Comparison* tool displays template information side-by-side for analysis. It provides all system data on the access points to view and collate.



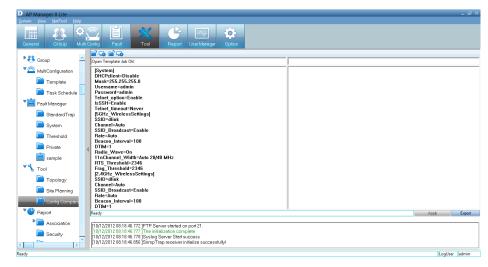
Select the *File* icon to open the *Template*. Click the **Template** you want to compare and click **OK**.



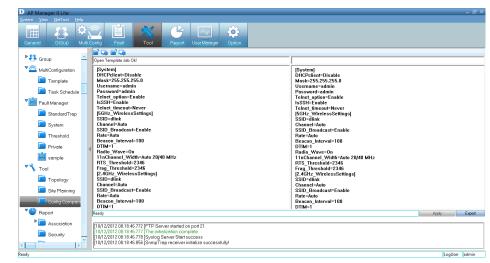
The *Template* is displayed in the left pane. The second option is to click the icon below to download the file to the

comparison table.





Once you have downloaded both profiles, they will be displayed side-by-side for analysis.



Report

Report is segmented into different categories. Each category is assigned a function to summarize details on its particular area. The *Report* categories are based on *Association*, *Security*, *Utilization*, *Channel*, *Rogue* AP, *Syslog*, *Custom* and *Monitor*.

	Manager II Lite												_ 8 ×
<u>S</u> ystem	<u>V</u> iew <u>N</u> etTool <u>H</u> e	lp											
		Ċ		*		- *							
Gener	al Group N	∕lulti Co	onfig Fault	Tool	Report User M	lanager Option							
₽ 83	Group	^	Access Point							Gi	roupType Model	💌 🛯 All Grou	p •
v 🔊	MultiConfiguration		Model Name	MAC Address	IP Address								
			DAP-2690	C8BE19A58B90	192.168.0.50								
	📄 Template												
	📄 Task Schedule										Select None	Select All	Refresh
▼∎	Fault Manager		- Station Detail -										
	📄 StandardTrap		DateTime	MAC Add	tress Alias	Access Point	SSID	Band	Authentication	RSSI	Power Save Mode		
	📄 System												
	📄 Threshold												
	📄 Private												
	菖 sample												
- ₹ 🔧	Tool												
	📄 Topology												
	📄 Site Planning												
	Config Comparis	-											
												Export Text 💿	Clear
	Report												
│	Association		[10/12/2012 08:11	3:46.772]FTP Serve	er started on port 21								
	📄 Security		[10/12/2012 08:1]	3:46.777]The initiali	zation complete rver Start success preceiver initialize s								
<	~ >	~	[10/12/2012 08:11	3:46.856]SnmpTrap	preceiver initialize s	uccessfully!							
Ready			1									Logi	User admin

Association

The Association window shows managed access points and their associated client stations in two ways: By Access Point and By Wireless Station.

AP Manager II Lite										- 8 ×
System View NetTool Help	fig Fault	Tool Repo	ort User Manager Option							
🛅 System 🔷	Access Point						G	roupType Model	💌 All Gro	oup 💌
Threshold			Address 2.168.0.50							
sample								Select None	Select All	Refresh
Tool	DateTime	MAC Address	Alias Access Point	SSID	Band	Authentication	RSSI	Power Save Mode		
📄 Site Planning										
Config Comparis										
Report										
Association										
By Access F										
By Wireless										
Security										
🔲 Utilization 🚽	<u> </u>								Export Text	Clear
Channel										~
Rogue AP	0/12/2012 08:18:40	6.772]FTP Server starte	d on port 21.							
SysLog	0/12/2012 08:18:40 0/12/2012 08:18:40 0/12/2012 08:18:40	6.777]The initialization c 6.778]Syslog Server Sta 8.856]SpmpTrep rocci :	d on port 21. omplete art success er initialize successfully!							
	0/12/2012 00.10.40	5.050 John h riah receiv	er milianze successiuny!						16	
Ready									Lo	gUser admin

By Access Point - Highlight an access point, and the details of client stations that are associated with the AP list will be shown. The detail information includes *Date/Time*, *MAC Address*, *Alias*, *Access Point*, *SSID*, *Band*, *Authentication*, *RSSI* and *Power Save Mode*.

From the *Group Type* you can specify the summary to show the data according to a specified model or group. To export the access point data to a file, click a file type from the *Export Text* drop-down menu or click the **Export Text** button. Then enter a file name in the *Export* window and click the **Save** button to save the access point data.

🔟 AP Manager II Lite											_ & ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp											
		‰ _€		O							
General Group Multi	Config Fault	Tool Repo	ort User Manage	er Option							
📄 System 🔤	Access Point							Gr	oupType Model	💌 📶 Grou	p ·
Threshold											
~	DAP-2690 C88	E19A58B90 193	2.168.0.50								
Private											
📕 sample									Select None	Select All	Refresh
Tool	Station Detail										
	DateTime	MAC Address C8BE19A58B90	Alias ENGINEER	Access Point	SSID Reimana SSID	Band	Authentication	RSSI	Power Save Mode		
Topology	12/10/2012 19:13:10	Cabel9A5a690	ENGINEER	192.168.0.50	Primary-SSID	802.11N	Open System				
🔲 Site Planning											
Config Comparis											
Teport Report	4										
Association											
By Access F											
📄 By Wireless											
📄 Security 🚽											
📄 Utilization 🚽											
Channel										Export Text	Clear
📄 Rogue AP	[10/12/2012 08:18:46.77]	2 1FTP Server starte	ed on port 21.								
SysLog	[10/12/2012 08:18:46.77; [10/12/2012 08:18:46.77; [10/12/2012 08:18:46.77; [10/12/2012 08:18:46.77; [10/12/2012 08:18:46.85]	7]The initialization o 8]Syslog Server Sta 6]SnmpTrap receiv	complete art success /er initialize succes	ssfully!							
Ready	L									Logi	User admin

By Wireless Station - To list the access points according to the specified station and detected date, choose the date range from the **From/To** drop-down menu, or type the *MAC address* of the device.

Export the access point data to a file. Click a file type from the *Export Text* drop-down menu or click the **Export Text** button. Then enter a file name in the *Export* window and click the **Save** button to save the access point data.

Manager II Lite <u>View</u> <u>NetTool</u> <u>Help</u> <u>Multi Config</u>	Fault	Tool	Report User Mar	ager Optic							- 8
Languia MultiConfiguration	^	From 12/10/2012	• 6:59:37 Pト 🛟 To	12/10/2012 💌	6:59:37 P		Seach by m	acAddress			
📄 Template		DateTime	MAC Address	Alias	Access Point	SSID	Band	Authentication	RSSI	Power Save Mode	
📄 Task Schedule											
Fault Manager											
📄 StandardTrap											
📄 System											
🛅 Threshold											
📄 Private											
📋 sample	al										
, Tool											
📄 Topology											
🛅 Site Planning											
📄 Config Comparison											
🖡 Report											
Association											Export Text
By Access Point By Wireless Station Security		10/12/2012 08:18:40 10/12/2012 08:18:40 10/12/2012 08:18:40 10/12/2012 08:18:40 10/12/2012 08:18:40	5.772 JFTP Server sta 5.777 JThe initialization 5.778 JSyslog Server 5 6.856 JSnmpTrap rece	rted on port 21 n complete Start success eiver initialize s	uccessfully!						

LogUser admin

Security

The Security pane graphically lists the security level of the managed access point(s) from lowest to highest - Open System, Shared Key, WPA-Personal, WPA-Enterprise, WPA2-Personal and WPA2-Enterprise.

The Security Details pane shows the SSID, Mode Name, MAC Address, IP Address, Authentication and Band information of the access points.

🕩 AP Manager II Lite					_				_ 8 ×
<u>System View NetTool H</u> elp		0.0							
	Ē	- 26		v 🔅					
General Group Multi Config	Fault	Tool	Report User	fana.ger Option					
Private	^					Security Report			
📋 sample									
Tool		HB 12 11 10							
Topology		el(Low							
📄 Site Planning		y Leve							
Config Comparison		Security Level(Low-hight)							
Report		w 1				Wireless Network (SSID)			
Association		- Security Details							
📄 By Access Point		SSID	Model Name	MAC Address	IP Address	Authentication	Band		
By Wireless Station		DLINK-1	DAP-2690	C8BE19A58B90	192.168.0.50	Open System	802.11n		
📄 Security									
🔲 Utilization									
📄 Channel									
📄 Rogue AP									
📄 SysLog								[Refresh
🛅 Custom	1	[10/12/2012 08:18	:46.772]FTP Server s	started on port 21.]
i Monitor		[10/12/2012 08:18 [10/12/2012 08:18 [10/12/2012 08:18 [10/12/2012 08:18	:46.777]The initializat :46.778]Syslog Serve :46.856]SnmpTrap re	ion complete er Start success eceiver initialize succe	essfully!				
Ready								LogU	Jser admin

Utilization

The *Utilization* window shows the band usage of a specific access point. The *AP Manager II Lite* can poll the access points to show the usage. To start polling, select the access points that *AP Manager II Lite* will poll from the *Select* window by clicking the **Change** button of *Dependency* and then click **Start** button. You can also enable the threshold notice by clicking **Enable Threshold Notice** and select the type of *Threshold Column*.

🔟 AP Mana	ager II Lite									_ 8 ×
<u>S</u> ystem <u>V</u> iev	w <u>N</u> etTool <u>H</u> elp									
General	Group Multi Con	nfig Fault	Tool	Report User Man	ager Option					
	Private	^	12/ 5/2012 ▼ Transmit Detail ─ DateTime	To 12/10/2012	 Search Max STA's Num 	ber UpTime	Transmitted Packets	Transmitted Success Rate	Transmitted Retry Rate	Export Text Band
Toc	sample									
	Topology			D Select device	es			×		
	Site Planning			Model Name	MAC Address	IP Address	Netmask			
	Config Comparison			DAP-2690	C8BE19A58B90	192.168.0.50	255.255.255.0			
T Rep	port									
▼ 📄	Association									
	📄 By Access Point	4								
	By Wireless Station	1								
	Security				Select	Car	ncel			
		_	- Polling Detail	Selete from Cus	tomGroup					
	Utilization Channel	_	Polling Interval	5 Change	Scheduled Next	Poll 2012-12-10	19:33:44		V Enable Thresh	old Notice Start
					_	בסובובות				
L _	Rogue AP		Dependency	None Change	Last Polled At	2012-12-10) 19:33:44		Threshold Tra	ansSuccessf 💌 End
	SysLog		L]
	Custom		[10/12/2012 08:18:4	6.772]FTP Server star	ted on port 21.					
	Monitor		[10/12/2012 08:18:4 [10/12/2012 08:18:4	6.777]The initialization 6.778]Syslog Server S 6.856]SnmpTrap rece	complete itart success	cessfully!				
Ready			L							LogUser admin

Channel

The *Channel* window graphically lists the channel usage of the managed access points. From the *Group Type*, specify the graph data according to a specific model or group.

D AP Manager II Lite System View NetTool Help			- 8 ×
General Group Multi Config	Fault		
Private	~	802.11 b/g/n Channel Usage	
i sample		802.11 g/b/n Channel Report	
Tool		1 2 3 4 5 6 7 8 9 10 11 12 13	-
🛅 Topology		802.11 a/n Channel Usage	
🛅 Site Planning		802.11 a/n Channel Report	
🛅 Config Comparison			
Report			_
Association		0	
📄 By Access Point	4	Show Channel Usage By Group	1
By Wireless Station		Channel Report	
Security			
Utilization	_		-
Channel	- 1		
Rogue AP		GroupType Model 💽 All Group	▼ Refresh
SysLog		· · · · · · · · · · · · · · · · · · ·	
Custom		[10/12/2012 08:18:46.772]FTP Server started on port 21. [10/12/2012 08:18:46.777]The initialization complete	
Monitor		[10/12/2012 08:16:46.778]Syslog Server Start success [10/12/2012 08:18:46.856]SnmpTrap receiver initialize successfully!	
Ready			LogUser admin

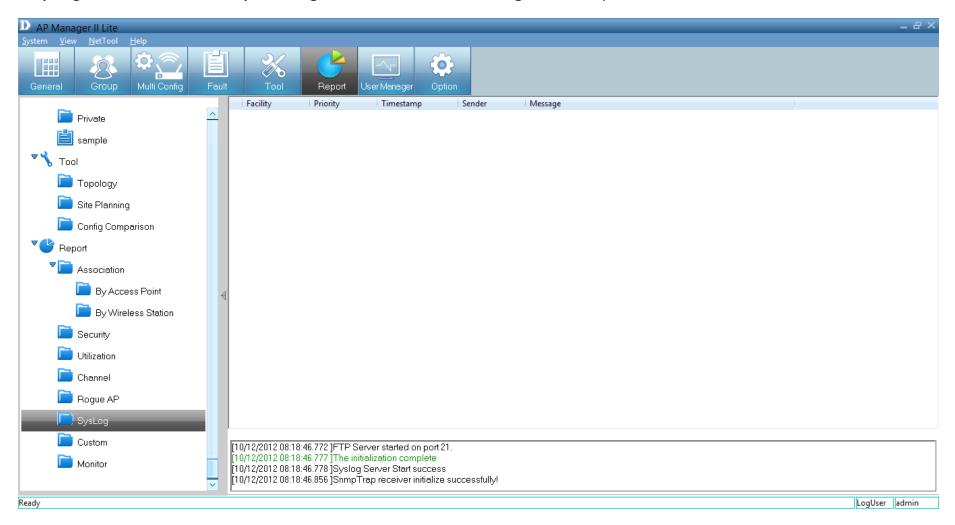
Rogue AP

The *Rogue AP* pane shows the access points that are not a part of same subnet. *Rogue Access Points* are showed by *Channel*, *BSSID*, *Mode* and *SSID*. To categorize the APs, click the **Detect** button to scan the APs and then click the category at the right side of window. Next, drag the AP from top window to bottom window.

D AP Manager II Lite System View NetTool Help						_ 윤 ×
General Group Multi Config	Fault		rt User Manager Option			
 Private sample Tool Topology Site Planning Config Comparison 	~	Channel 11 6 1 7 8	BSSID 1CAFF72E9950 002280490488 002590128478 5C1122334455 00265AAA798C	Mode 11g 11b 11g 11b 11b 11b	SSID	New Ap
 Report Association By Access Point By Wireless Station Security Utilization Channel Rogue AP 		Channel	BSSID	Mode	SSID	Rogue AP Valid AP Neighbor AP
Ready	×	[10/12/2012 08:18:46.772]F [10/12/2012 08:18:46.777]T [10/12/2012 08:18:46.778]S [10/12/2012 08:18:46.856]S	TP Server started on port 21. he initialization complete yslog Server Start success nmpTrap receiver initialize succe	assfully!		Detect

Syslog

The Syslog window shows the System Log information of the managed access point.



Custom

The *Custom* log report allows you to configure the read-out from a specific date to a designated date. Click the **Search** button once you have finalized your time frame. Alternatively, you can create a custom configuration according to the *Group Type* (*Model* or *Category*) and *Group*.

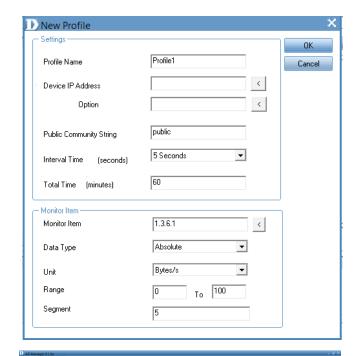
D AP Manager II Lite											- 8 ×
System View NetTool Help General Group Multi Config Fau		X Repo	rt User Manager	Option							
Private	From	12/10/2012 💌 7:37:	27 Ph 🛨 To 12/10/	2012 🗾 7:	37:27 Pト <mark></mark>	h GroupType	Model 💌	All Group			
Tool	Date	lime	Access Point	St	ation's numbers						
Topology											
Site Planning											
Config Comparison											
Association			-			Custom Re	port				
By Access Point		10					-				
By Wireless Station	E E	6									
Security	Number	4									
Utilization		2									
Channel		19:37:27	20:37:27 21:	37:27		:37:27 0 12-12-10 19:37:2720		01:37:27	02:37:27	03:37:27	
Rogue AP	ľ										Export
SysLog	ļ										
Custom	[10/12/3	2012 08:18:46.772]FT	P Server started o	n port 21.]
Monitor	[10/12/3 [10/12/3 [10/12/3	2012 08:18:46.777]TH 2012 08:18:46.778]Sy 2012 08:18:46.856]Sr	ne initialization com vslog Server Start s nmpTrap receiver i	plete success nitialize succ	cessfully!						
Ready											LogUser admin

Monitor

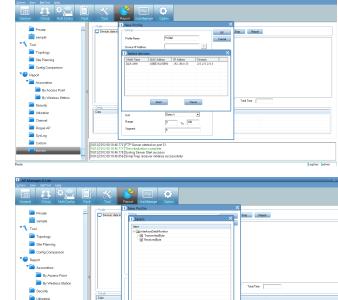
The *Monitor* window shows the performance of an access point that you create from scratch.

D AP Manager II Lite										_ & ×
System View NetTool Help	1.1	0.0								
		*								
	ault	Tool	Report User Mana	ger Optic	n					
Private		Profile		Action						
sample		🖵 Devices dat	a monitor	Cre	ate Delete	Edit	Start	Stop Repor	t	
Tool										
Topology										
📄 Site Planning										
Config Comparison										
Report										
Association										
📄 By Access Point	-4									
By Wireless Station				Profile Na		 .				
Security		_ Details		FIDILE Na		Interval Time	, [Total Time		
🛅 Utilization		Color	Last Polled At		Scheduled Next Poll		Data			
Channel										
📄 Rogue AP										
SysLog		1		1						
Custom	F	10/12/2012 08:18	:46.772]FTP Server starte	nd on nort 21						
Monitor	- 1	10/12/2012 08:18	:46.777 [The initialization of	complete						
	- Ir	10/12/2012 08:18	:46.778]Syslog Server Sta :46.856]SnmpTrap receiv	er initialize s	uccessfully!					
Ready	L									LogUser admin

Create a new *Surveillance* profile by clicking the **Create** button under *Action*.



The Profile is automatically generated.
Device IP Address - Click the arrow to access it.
Option - Click the arrow to access it.
Public Community String - Automatically generated.
Interval Time - Select from the drop-down list.
Total Time - Enter a value in minutes.



OK

0/12/2012 08:18:46:772 JFTP Server started on port

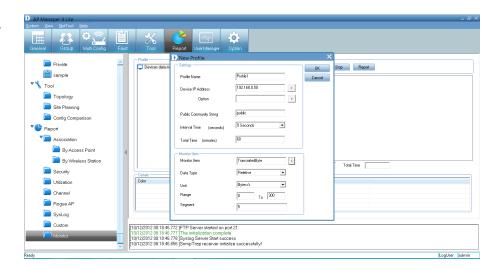
Cancel

LogUser admin

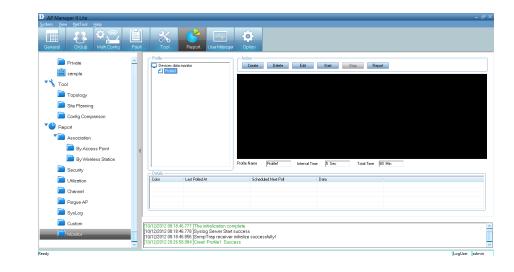
Channel

SysLog

Once all the information is entered into the fields provided, click **OK**.



The access point monitors the profile you just created.



User Manager

The AP Manager II Lite allows you to manage user profiles. To manage users, click the **User Manager** icon at the top of the toolbar.

🗈 AP Manager II Lite											_ 8 ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp					7						
	lti Config	Fault	Tool	Report User Manage	er Option						
🔛 General	Acc	cess Point Statio	n Report Model R	eport Band Report							
Coup	"I I E					Access Poir	nt Report				
MultiConfiguration											
▶ 📑 Fault Manager											
Tool											
Report											
Association											
🚞 Security											
Dtilization	4										
📄 Channel		ation Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
📄 Rogue AP			, mao		bana	The formation	11001	0010			
📄 SysLog											
📄 Custom											
🛅 Monitor											
	[03/1	2/2012 13:33:58	3.242]FTP Serve	er started on port 21.							
	[03/1	2/2012 13:33:58	3.242 (Syslog Se	ization complete erver Start success preceiver initialize succes	مغربال با						
	[03/1	2/2012 13:33:58	5.552 janmp i raj	preceiver initialize succes	ssiully!						
Ready										Lc	ogUser admin

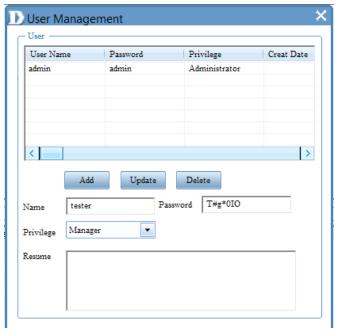
This brings up the *User Management* pane. This shows the current **User(s)**, **Privilege** and account **Creation Date**.



Explanation of privilege levels:

- Administrator: Owns all the rights of the AP Manager II Lite.
- Manager: Owns all the rights except user manager.
- Guest: Can only view the information.

User Name	Password	Privilege	Creat Date
admin	admin	Administrator	
<			
Ad	i Update	Delete	
Jame	Pa	assword	
rivilege Mana	ger 💌		
esume			



The new details now populate the User Management table.

User Name	Password	Privilege	Creat Date
admin	admin	Administrator	
tester	T#g*0IO	Manager	2012-12-10
<			>
Ad	d Update	Delete	
Vame teste	r Pa	ssword T#g*0IO	
Privilege Mana	ger 💌		
lesume			

To delete a user, click the **Delete** button.

Options

Users can change the software operation environment of the *AP Manager II Lite*. To configure the system environment, click **Options** in the main toolbar.

D AP Manager II Lite System View NetTool Help General Group Mult	ti Config Fau		Report User Mane g	er Option						. 8 ×
General	Access Point	Station Report Model R	eport Band Report		Access Poir	nt Report				
 MultiConfiguration Fault Manager Tool 										
Report										
Contraction	ai									
Channel	* Station Detai		Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
📄 SysLog 📄 Custom										
i Monitor										
	[03/12/2012 1] [03/12/2012 1]	3:33:58.242]FTP Serv 3:33:58.242]The initial 3:33:58.242]Syslog Se 3:33:58.352]SnmpTraj	ization complete	rssfully!						
Ready									LogUser ad	min

The Options configuration window has four tabs - General, Module, Database Maintenance and Advanced. The General section consists of Logon Settings, SNMP Settings, Polling Settings and Discover.

Logon Settings - Select whether to enter a user name and password or select a specific user to use the system.

SNMP Settings - Select the *Public/Private Community String*, the *Port number* and the *SNMP Response TimeOut*.

Polling Settings - Select to enable or disable the *Polling type* and the *Interval Period*.

Discover - Enter a value for the *Discovery Retry* and *TimeOut* duration.

Click **Apply**, then **OK** when you are finished with the configuration. Click **Cancel** if you wish not to make any changes.

Doptions	×
General Module Database Maintenance Advanced	
- Logon Setting	
To use the system, user should input name and password	
Please select the user to use the system	
User Name Privilege Creat Date Resume	
admin Administra	
- SNMP Setting	
Public Community String public Port 161	
Private Community String private	
SNMP Response TimeOut 20 (5-60 Seconds)	
Polling Setting	
Polling type Disable Enable	
Interval time 30 (10-60 Seconds)	
Discover Retry 1 TimeOut 5 (5-60 Seconds)	
V Ok X Cancel V	Apply
	which have

The Module is divided into two sections: Select firmware file for model and Rogue AP.

Model Name - Details automatically provided.

Firmware File - Click the **Browse** button to find the new/ updated firmware. Click **Save** when complete.

Module Information - This displays the current information.

Rogue AP - This can be auto-signed. Click the checkbox next to *Auto-Sign Rogue AP* and enter an *IP Range*.

Click **Apply**, then **OK** when you are finished with the configuration. Click **Cancel** if you wish not to make any changes.

D Options	×
General Module Database Maintenance Advanced	
Select firmware file for model	
Model Name Firmware file	
DAP-2690	
Save Browse	
Module Information	-
Model Name: DAP-2690	
Description: AP Manager II Module v3.00r07 (2012/11/20)	
Version: 3.00	
Support Band: 2.4GHz/5GHz	
C Rogue AP	31
Auto-Sign Rogue AP	
IP Range to to	
V Ok Cancel V	Apply

The Database Maintenance allows users to configure the database according to their needs. Data is available for Fault Data, Wireless Station Data, System Log Data, Utilization Data and SysLog Data.

Data is further segmented into *Notice by Records* and *Clear Rule*.

Under Notice By Record, enter a value in the field provided.

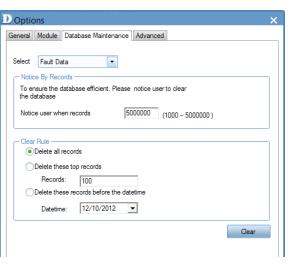
Under Clear Rule, there are three main options.:

Delete all records - Click to clear records.

Delete these top records - Enter a value accordingly. **Delete these records before the datetime** - Enter the calendar date.

Click **Clear** if you wish to start over.

Click **Apply**, then **OK** when you are finished with the configuration. Click **Cancel** if you wish not to make any changes.



Options	
General Module Database Maintenance Advanced	
Select Fault Data	
Notice Wireless Station Data	
To ens System Log Data the dal Utilization Data SysLog Data	
	500000)
C Clear Rule	
Delete all records	
Delete these top records	
Records: 100	
Delete these records before the datetime	
Datetime: 12/10/2012 -	
	Clear

The Advanced tab is divided into two sections; TimeOut Settings and FTP Server Settings.

TimeOut Settings

Under *TimeOut Settings*, enter a value in the field provided for the following settings:

Set Timeout(s) Reboot Timeout(s) Configuration Flash Update Time(s) F/W Download Time(s) F/W Flash Update Time(s) Time Tolerance Time(s)

Under FTP Server, there are two main options.:

Enable Local FTP Server -Enable Remote FTP Server - Enter Remote IP Address Username Password Port

Click **Test** to see its functionality.

Click **Apply**, then **OK** when you are finished with the configuration. Click **Cancel** if you do not want to make changes.

