



3Com[®] AirProtect Enterprise Engine 6100 Quick Setup Guide

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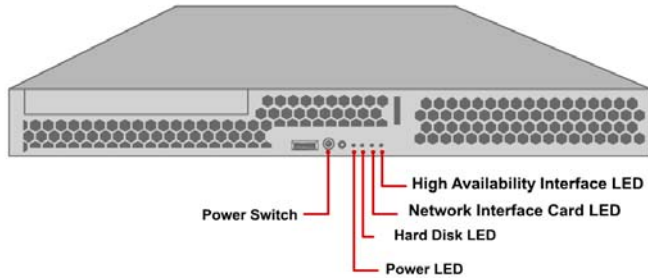
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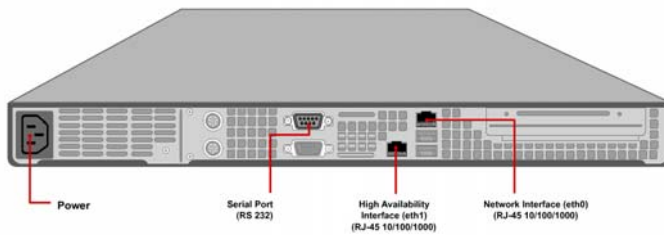
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Step 1: 3Com AirProtect Enterprise Appliance and 3Com AirProtect Sensor Overview

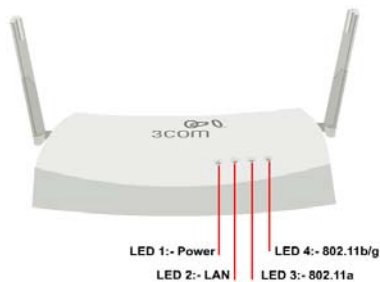
The front panel of the appliance has a power switch and status LEDs as shown in the figure below.



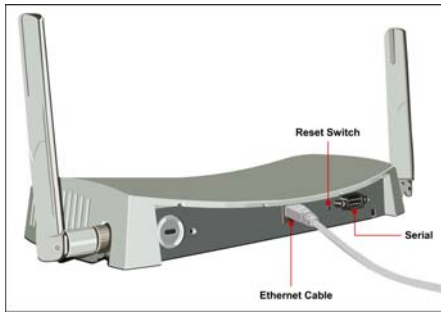
The rear panel of the appliance has power and port connectors as shown in the figure below.



The front panel of 3Com AirProtect Sensor has status LEDs as shown in the figure below.

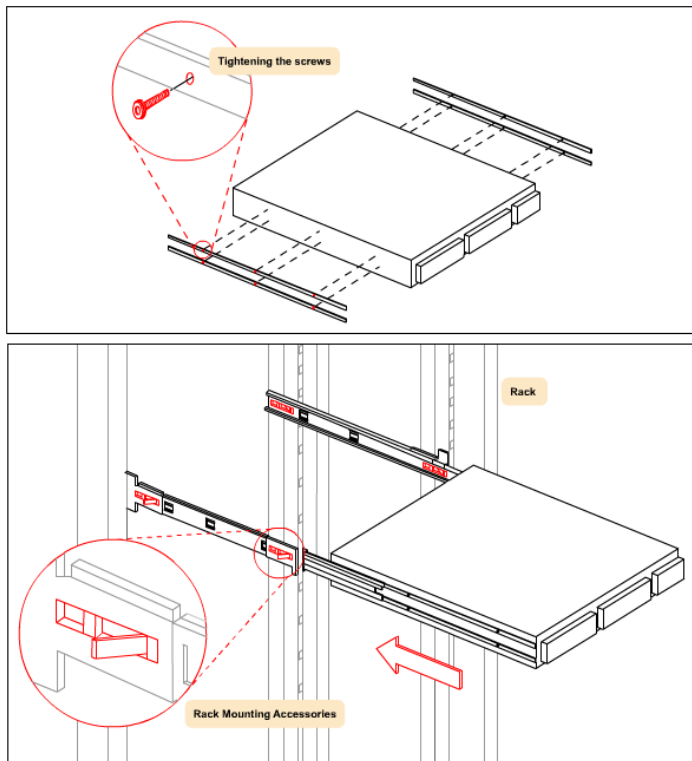


The rear panel of 3Com AirProtect Sensor has ports that enable you to power up the sensor and connect it to the network and a computer as shown in the figure below.



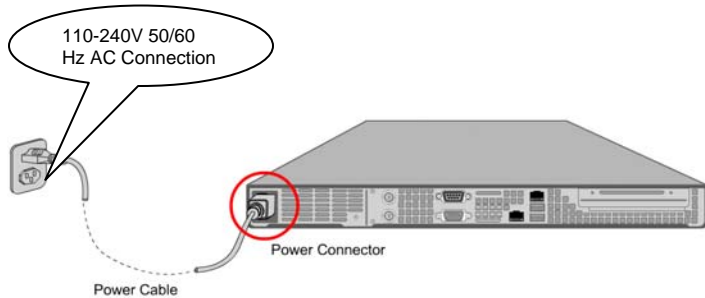
Step 2: Mount the Appliance

Place the appliance on the rack and mount the appliance using the rack mounting accessories.



Step 3: Power up the Appliance

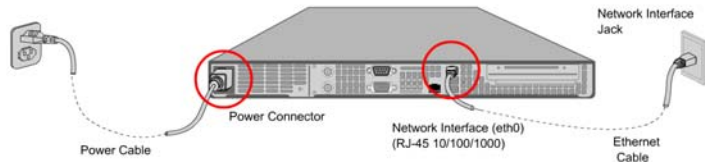
Connect the power cable as shown in the figure below and press the power switch on the front panel of the appliance.



Important! On connecting the Power cable, the Power LED should turn solid green. If this does not happen, refer to the 3Com AirProtect Enterprise Installation Guide.

Step 4: Connect the Appliance to the Network

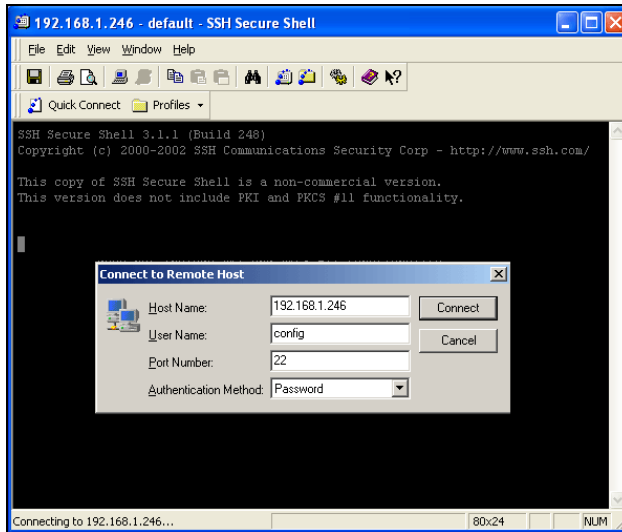
Connect the appliance to the network using the network interface cable as shown in the figure below.



Warning! The default IP address of the appliance is **192.168.1.246**. Please ensure that no other device on your network uses the same IP address as the appliance. Connect the network interface port on the appliance to the desired subnet using the network interface cable provided to you. **Do not** connect the High Availability (HA) Interface port to the subnet.

Step 5: Access 3Com AirProtect Enterprise

- A. Connect your computer to the same subnet where the Server is connected.
- B. Change your computer IP address to 192.168.1.XXX. For example, 192.168.1.244.
- C. Access 3Com AirProtect Enterprise using SSH as shown in the figure below.



- D. Login using the Username: **config** and Password: **password**.

Step 6: Complete the Server Initialization and Setup Wizard

Follow the steps in the Server Initialization and Setup Wizard to configure the 3Com AirProtect Enterprise Server.

Important! On the Date and Time settings screen-Step 3, if the day exceeds 31 and the month exceeds 12, 3Com AirProtect Enterprise automatically sets the day to 31 and month to 12.

The image shows a series of terminal screenshots from the 'Server Initialization and Setup Wizard'. The screenshots are arranged in a descending staircase pattern from top-left to bottom-right. Arrows point from the screenshots to descriptive labels:

- Initialization and Configuration Wizard Welcome Screen**: Points to the first screenshot showing the wizard's title and version (v5.01).
- Step 1: Change the config shell password, password**: Points to the 'Server Setup Step 1' screen where a password is being set.
- Step 2: Change the Network Settings**: Points to the 'Server Setup Step 2' screen where network settings like IP address, gateway, and DNS are configured.
- Step 3: Set the Time Zone, Date and Time Settings**: Points to the 'Server Setup Step 3' screen where the time zone and date are set.
- Step 4: Set Server ID Settings**: Points to the 'Server Setup Step 4' screen where server identification details are entered.
- Initialization and Configuration Wizard Completion Screens**: Points to the final two screenshots showing completion messages and a reboot prompt.

On logging into the Server Config Shell, type the command *help* to view the list of available commands

Important! You need to reboot the Server on completion of the Initialization and Setup Wizard before you access the Server Console (“GUI”).

Step 7: Set up the Server DNS Entry

Add a DNS entry 'wifi-security-server' in your organization's/enterprise DNS server. This entry should point to the IP Address of the Server configured in Step 6 (Complete Server Initialization and Setup Wizard)—Sub step 2 (Change the Network Settings).

Adding this entry serves two purposes:

- A. Sensors can connect to the Server with "zero configuration" if they are connected to a DHCP enabled subnet.
- B. You can access the Server using the address 'https:// wifi-security-server'.

Step 8: Access the 3Com AirProtect Enterprise Console (GUI)

Important! The minimum system requirements to access the 3Com AirProtect Enterprise GUI Console are a laptop with Intel P4 X86 1.4 GHz Processor, 512 MB RAM, ,Windows 2000 or XP Operating System, IE 5.5 or higher, and JRE 1.4.2 only.

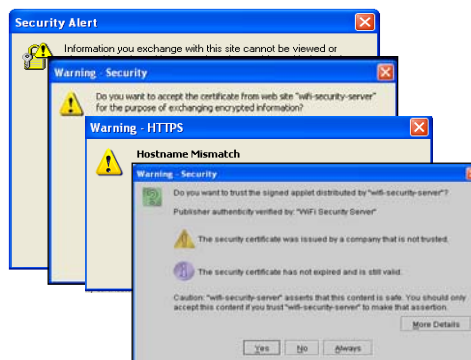
- A. Type 'https:// wifi-security-server' to access the 3Com AirProtect Enterprise Console.



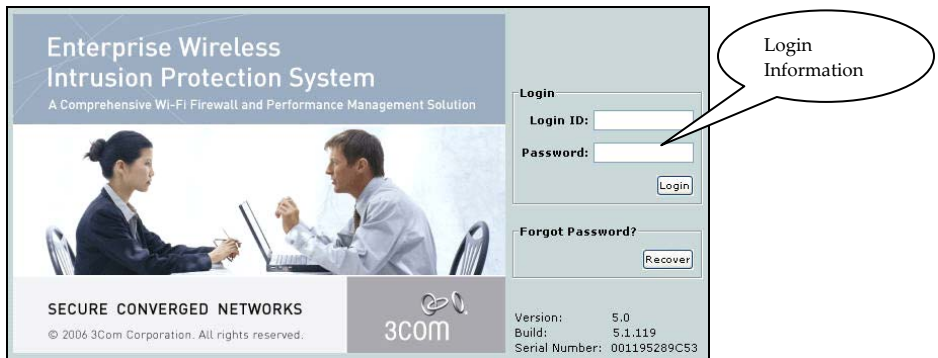
The 3Com AirProtect Enterprise Console can take up to 2 minutes to load.

Important! Pop-up blockers (if any) must be disabled on the Web browser. The *Reuse windows for launching shortcuts* option in *Tools->Internet Options->Advanced* should be deselected in the Internet Explorer Web browser.

- B. Click **Yes** on each of the Security Alert/Warning pop-up screens.

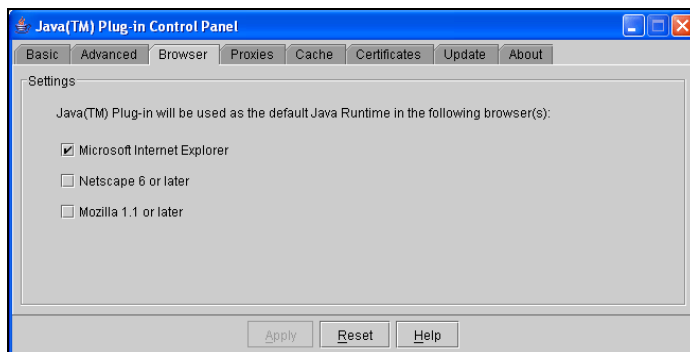


C. Type the default username: **admin** and password: **password** on the **Login** screen.



Important! If you see a blank screen instead of the 3Com AirProtect Enterprise Console Login screen in the pop-up window, despite having Sun JRE 1.4.2, then Sun JRE 1.4.2 **may not be** the default plug-in for your Web browser. To ensure that Sun JRE 1.4.2 is the default plug-in for your Web browser, do the following:

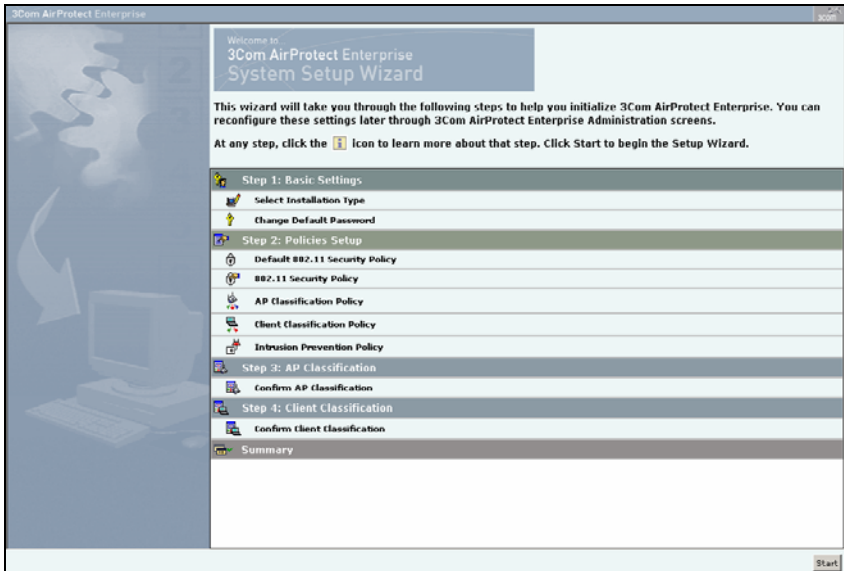
1. If you see a "Java Cup" icon in the system tray, right click it **and** select "Open Control Panel".
2. If you do not see the icon, click Start → Settings → Control Panel and double-click the Java Plug-in icon.
3. Once the **Java™ Plug-in Control Panel** dialog is open, go to the **Browser** tab and select the checkbox **Microsoft Internet Explorer**.



D. On the End User License Agreement (EULA) screen, read the agreement carefully and select **I have read and agree to the Licensing Agreement above**. Click <Next>.



- E. If you see the Welcome screen, close the window. You are done with the Server Setup. You will revisit the Welcome screen later.



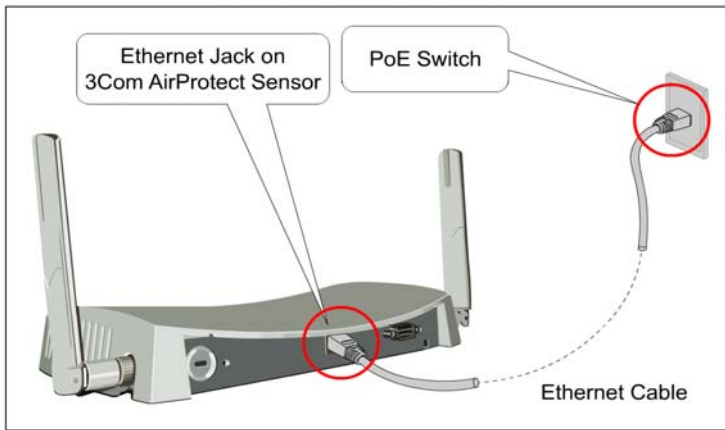
Step 9: Connect 3Com AirProtect Sensors to the Network

Power and Connect to the Network

A. Ensure that the 3Com AirProtect Enterprise Server is already running on your network.

Note: Make sure that a DNS entry 'wifi-security-server' is set up on all DNS Servers. This entry should point to the IP address of the Server. Otherwise, configure the Sensor manually. Please refer to the 3Com AirProtect Enterprise Installation Guide for details.

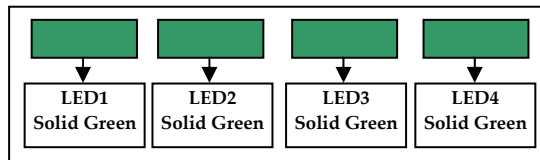
B. Use network interface cables to connect 3Com AirProtect Sensors to all the network segments (subnets) that need to be protected. Make sure that the network segment is DHCP enabled. Otherwise, configure the IP address of the 3Com AirProtect Sensor manually.



Note: Log in to the Server using SSH. Run the command 'get sensor list' to check if all the Sensors added have been detected by the Server. If all the Sensors are connected, go to the next step. If some Sensors are not connected, then you may need to configure the Sensors manually.

C. Wait for the status of the LEDs to stabilize. This process may take up to 2 minutes.

D. If all LEDs glow green, then the 3Com AirProtect Sensor is operational and connected to the 3Com AirProtect Enterprise Server.

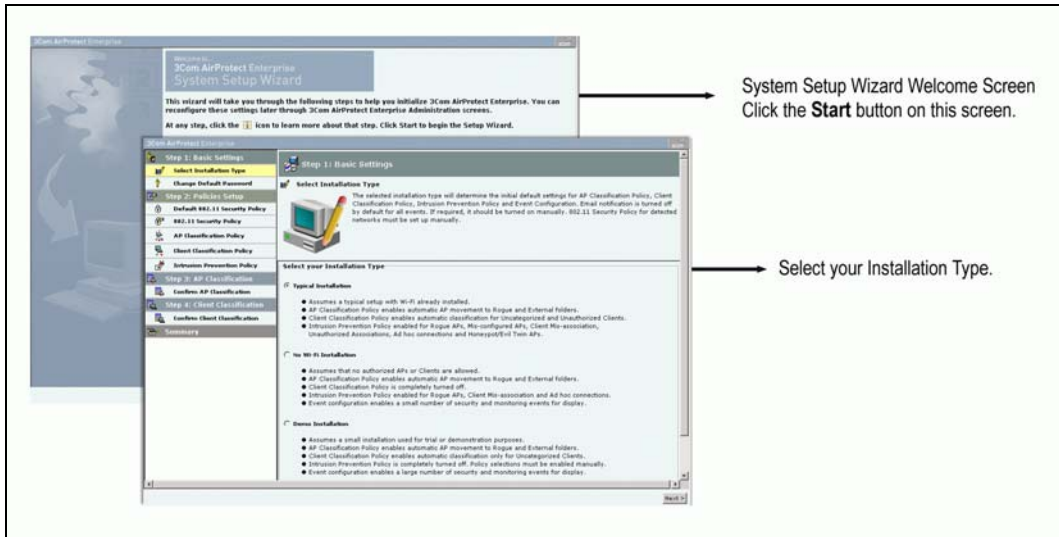


E. If Step D succeeds, the Sensor is now fully operational and is ready to protect your network.

Important! If the LED status at the end of Step D does not match the status shown in this Quick Setup Guide, refer to the 3Com AirProtect Enterprise Installation Guide for more details.

Step 10: Begin the System Setup Wizard and Select Installation Type


- A. Log in to the 3Com AirProtect Enterprise Console with the default username: **admin** and password: **password**.
- B. Click **Start** on the 'System Setup Wizard Welcome' screen and then select one of the installation types listed below the figure on the 'Select your Installation Type' screen.

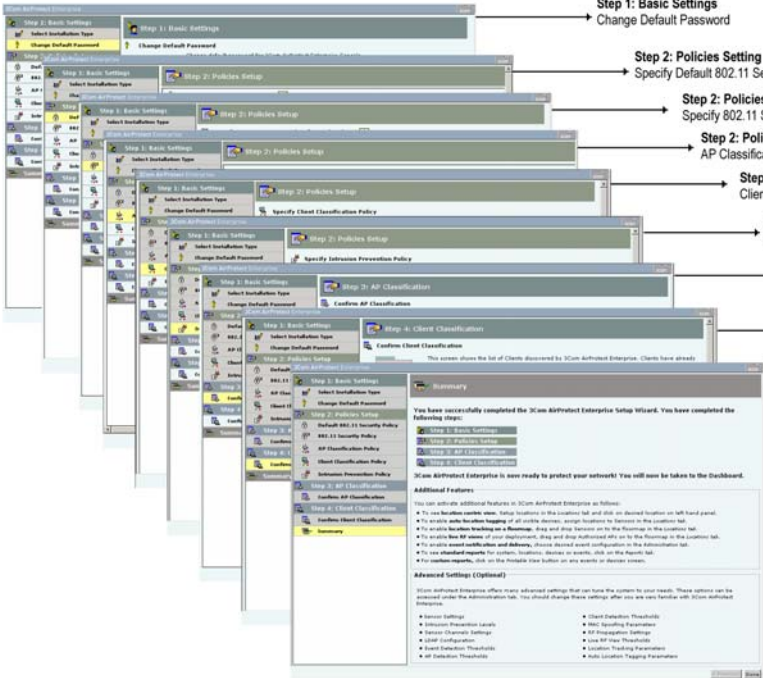


- C. Select **Typical Installation** and click **Next**.

Note: Selecting **Typical Installation** generally satisfies most of the desired requirements such as: a typical setup with Wi-Fi already installed, automatic AP movement to Rogue and External folders, automatic classification only for Uncategorized Clients, Intrusion Prevention Policy enabled for Rogue APs, Mis-configured APs, Client Mis-association, Unauthorized Associations, Ad hoc connections, and Honeypot/Evil Twin APs, and so on. You can change the policies later as per your needs from the **Administration** tab.

Step 11: Complete the 3Com AirProtect Enterprise System Setup Wizard

Follow the steps in the System Setup Wizard to specify the 802.11 Security, Device Classification, and Intrusion Prevention Policies. Click the  icon to view details.




The image displays a series of overlapping screenshots from the 3Com AirProtect Enterprise System Setup Wizard, illustrating the final steps of the configuration process. The steps are as follows:

- Step 1: Basic Settings** - Change Default Password
- Step 2: Policies Setting** - Specify Default 802.11 Security Policy
- Step 2: Policies Setting** - Specify 802.11 Security Policy for each Subnet
- Step 2: Policies Setting** - AP Classification Policy
- Step 2: Policies Setting** - Client Classification Policy
- Step 2: Policies Setting** - Intrusion Prevention Policy
- Step 3: AP Classification** - Confirm AP Classification
- Step 4: AP Classification** - Conform Client Classification

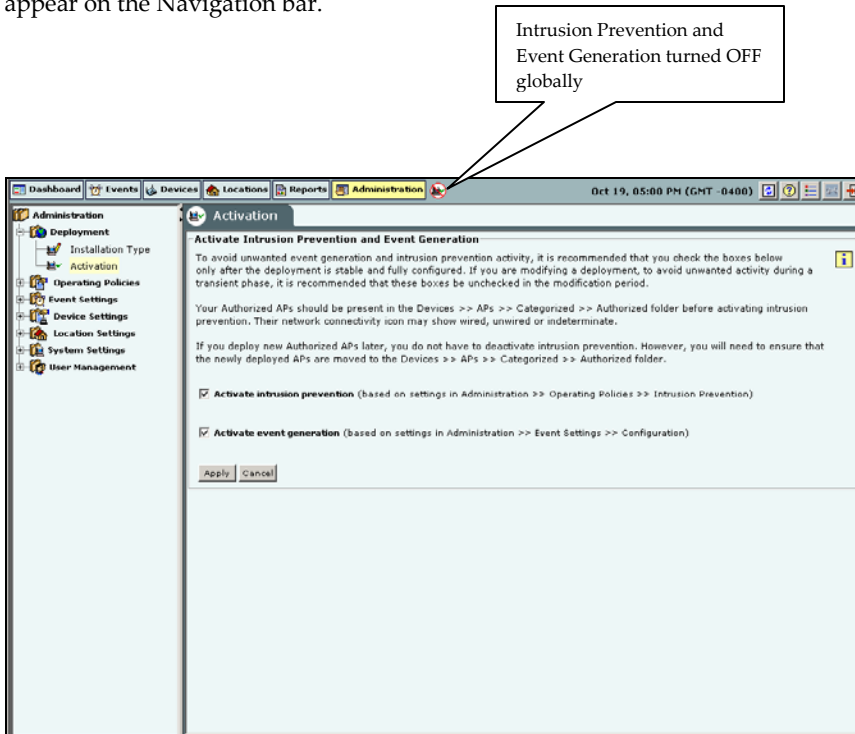
The final screenshot is the **System Setup Wizard Summary Screen**, which provides a comprehensive overview of the completed setup. It includes a list of configured settings, a section for **Additional Features** (such as enabling location tagging, RF reports, and advanced reports), and a section for **Advanced Settings (Optional)** (including sensor, intrusion, and location tracking parameters).

Step 12: Enable Global Flags

Event generation and intrusion prevention activation flags are turned off globally on completion of the System Setup Wizard to avoid spurious generation of events. The **Activation of Intrusion**

Prevention and Event Generation icon  appears on the Navigation bar as shown in the figure below. Once your deployment is stable and fully configured, turn these flags on to activate event generation and intrusion prevention activity by selecting the check the boxes on the

Administration→Deployment→Activation screen as shown in the figure below. The  icon then does not appear on the Navigation bar.



The 3Com AirProtect Enterprise Server is installed and configured!