Welcome

Congratulations on your new appliance!
This card will help you do the following:

1. **Connect the Appliance**
2. **Configure Appliance Settings**
3. **Connect to Proventia Manager**
4. **Install the Product License**
5. **Update the Appliance**

After you finish these tasks, the *IBM Proventia® Network Intrusion Prevention System (IPS) User Guide* walks you through other important tasks, such as:

- Setting up appliance management
- Configuring your security policies, including specifying events and responses
- Creating firewall rules to protect your network
- Tracking alerts
- Monitoring important system information

Requirements:

- Power cord(s)
- Proventia serial console cable (blue)
- Ethernet crossover cable (red)
- For each inline segment:*
    - A pair of Ethernet cables, straight-through or crossover, depending on your network type
    - A crossover adapter
- Additional Ethernet cables as needed
- PC with Internet Explorer and Internet connection

*IBM provides one crossover adapter and two one-foot Ethernet cables (green) per segment.

Reference Key

A LCD Controller Module
Used for initial network configuration, restarting or shutting down the appliance and obtaining IPS version information

B Protected Ports
Used for either inline intrusion prevention (IPS mode) or passive intrusion detection (IDS mode). Inline prevention uses a pair of ports per segment. Passive detection uses a single port per segment.

Note: Your port configuration may look slightly different depending on the combination of fiber and copper you selected.

C Serial Console Port
Used for optional terminal-based setup and recovery

D USB Ports

E Management Ports
Management port 1 is used to communicate with Proventia Manager and SiteProtector® Management System

Management port 2 is used exclusively for sending RSKill (TCP Reset) responses

F Power Supplies

G Power Button

H Fan Assemblies

① Connect the Appliance

Keep management and monitoring communication separate so network traffic can pass uninterrupted through the appliance's network interface card (NIC).

Cable the Appliance

1. Connect the power cord(s) to the appliance. If your appliance has two power cords, you must connect both.
2. Connect Management port 1, on the left, to the network you will use to manage the appliance.
3. (SFP-capable appliances only) Populate the Protected ports with SFP modules as necessary. For each port pair, SFP modules must be the same media type; for example, if port 1A is copper (TX), then port 1B must also be copper (TX).
4. Connect the network cables to the Protected ports. To run the appliance in passive mode, only connect the first Protected port in the pair to the network.
5. Turn on the appliance.

Connect to the Network

1. Determine and record your IP Address, Subnet Mask, and Default Gateway.
2. Press the Enter (↵) button on the LCD panel. The LCD displays a message asking if you want to set up the network.
3. Select OK, and then press the Enter (↵) button.
4. Press the Enter (↵) button again on the LCD panel to display the IP Address screen.
5. Press the UP and DOWN buttons to select a number, and then press the RIGHT ARROW to move to the next field.
6. When you have completed all the fields, press the Enter (↵) button.
7. Select OK to move forward, and then press the Enter (↵) button to confirm your selection.
8. Complete these steps again to provide the Subnet Mask and Default Gateway.
9. Once you enter all your network information, a final conformation screen appears. Select OK to save all network information and enable the Management port, or select Cancel to return to the ISS Proventia screen without saving any information.
10. After you confirm the settings, the appliance generates a temporary, case-sensitive password. Record this password; you must use it when you log on to the appliance.

Network Information
Record the network information you need to configure that appliance.

IP Address: _____ - _____ - _____ - _____

Subnet Mask: _____ - _____ - _____ - _____

Default Gateway: _____ - _____ - _____ - _____

Record the Proventia Manager password:

Temporary Password: _____

② Configure Appliance Settings

Configure Network Settings

1. Connect the serial Console cable to the appliance and a computer to complete the initial configuration.
2. At the unconfigured login prompt, type `admin`, and then press the Enter (↵) button.
3. Type the case-sensitive password the appliance generated for you, and then press the Enter (↵) button.
4. Select Start, and then press the Enter (↵) button.
5. Accept the Software License Agreement.
6. Follow the on-screen instructions to provide the following required information. See the *Proventia Network IPS G and GX Appliance User Guide* for more detailed information.

Information	Description
Change Password	Change the Admin, Root, and Proventia Manager passwords that control access to each of these appliance areas.
Network Configuration Information	The IP Address, Subnet Mask, and Default Gateway you entered through the LCD panel appear here. You can change this information as needed.
Host Configuration	Specify the Hostname and Domain Name for the appliance.
Time Zone Configuration	Set the time zone for the appliance.
Date/Time Configuration	Set the date and time as you want it to appear in the management interface.
Agent Name Configuration	Type the appliance name as it will appear in the management interface.
Port Link Configuration	Port link settings determine the appliance's performance mode, or how the appliance handles its connection to the network. Select link speeds and settings compatible with your network and in relation to the other devices that bracket the appliance. If you are not sure about your network settings, select Auto to let the appliance negotiate speed and duplex mode with the network.
Adapter Mode Configuration	The Adapter Mode determines how the appliance behaves within the network in order to protect it.

Information for Serial Connection
You can connect to the appliance using Hyperterminal or another terminal emulation program. Follow the instructions listed in the documentation for the program you choose. Use the settings listed below to connect:

Setting	Description
Communications Port	Typically COM1
Emulation	VT100
Bits per second	9600
Data bits	8
Parity	None
Stop bits	1
Flow control	None

IPS Modes
Inline protection mode monitors the network and actively blocks malicious traffic. Includes the Block, Quarantine, and Firewall responses.

Inline simulation mode monitors the network without affecting traffic patterns to help you baseline and test your security policy. Includes simulated Block and Quarantine responses.

Passive monitoring mode replicates traditional intrusion detection technology and monitors traffic without sitting inline. Includes the Block response.

③ Connect to Proventia Manager

Proventia Manager is the Web-based management interface for the appliance. You use Proventia Manager to monitor the appliance status, configure and manage settings, and review and manage appliance activities.

1. Start Internet Explorer.
2. Type `https://xxx.xxx.xxx.xxx` (where `xxx.xxx.xxx.xxx` is the IP address for this appliance).
3. Log in using the user name `admin` and the Proventia Manager password.
4. If necessary, install the Java Runtime Environment (JRE).
5. Select Yes to use the Getting Started Procedures.
6. Click Launch Proventia Manager.

④ Install the Product License

Proventia Network IPS requires a properly configured license file in order to run at full capability. You must save the license file to the appropriate location so the Proventia Manager software can locate and acknowledge it.

1. Register your customer license.
2. Download the license from the ISS Registration Center.
3. In Proventia Manager, select System>Licensing.
4. Click Browse.
5. Locate the license file you downloaded.
6. Click OK.
7. Click Upload.

⑤ Applying Initial Updates

Download Updates

1. Select **Automatic Updates**.
2. Select **Yes** on the Export Administration Regulation page, and then click Submit. The Updates to Download page appears.
3. Click **Find Updates**.
4. If updates are available, click **Download Updates**.

Install Updates

1. Select **Automatic Updates**.
2. Select **Yes** on the Export Administration Regulation page, and then click **Submit**.
3. On the Available Installs page, select the updates you want to install, and then click **Install Updates**.

   📄 *Some firmware updates require you to reboot the appliance. Read the firmware update Readme for details.*
4. View the installation status in the Update History table on the Update Status page.

Next Steps

You are now ready to configure advanced settings, including management, security, and firewall settings. Go to the *Proventia Network IPS G and GX Appliance User Guide* for more information. See the note in the right sidebar for access instructions.

Appliance Updates

Ensure you have applied the latest updates to the appliance. You can install the following:

Firmware updates. These updates include new program files, fixes or patches, enhancements, or online Help updates.

Intrusion prevention updates. These updates contain the most recent security content provided by the IBM Internet Security Systems X-Force® research and development team.

Need Help or Documentation?

Online: http://www.iss.net/support

The User Guide and other deployment information for Proventia Network IPS G and GX appliances is available at our product documentation Web site: **http://www.iss.net/support/documentation/index.php**

Or Call: 1-888-447-4861

IBM Internet Security Systems