ZoneAlarm[®] Secure Wireless Router • • • • Z100G

Getting Started Guide

Helpful Information on Installation and Set-Up

Zone

Secure Wireless Router

USB WLAN



Check Point

Thank you for purchasing ZoneAlarm[®] Secure Wireless Router Z100G, the first complete security solution for home networks.

This Getting Started Guide will help you understand and effectively use ZoneAlarm[®] Secure Wireless Router Z100G. We've made the product simple to set up and provide you with step-by-step instructions.

Table of Contents

Overview
What do you need in order to begin the installation?3
Section One: Getting Started
Part 1: Connecting the Antennas3
Part 2: Power Up Your ZoneAlarm Secure Wireless Router Z100G3
Part 3: Connect Your Network4
Part 4: Configure Your PCs5
Section Two: Setup Wizard
Part 1: Starting the Wizard6
Part 2: Connect to the Internet7
Part 3: Setting Time and Date13
Part 4: Configuring Your Secure Wireless Network14
Part 5: Changing the Product Key16
Section Three: Subscription Security Services18
Part 1: Activate Your ZoneAlarm [®] Secure Wireless Router Z100G18
Part 2: Connecting to a Service Center19
Section Four: Additional Feature Configuration22
Part 1: Setting Up Network Antivirus Protection
Part 2: Configuring Your Network Security Level24
Part 3: Configuring SmartDefense [™] Security Settings25
Part 4: Printer Sharing Setup27
Section Five: Configure a Computer to Connect to the Wireless Network
Section Six: Software Updates and Technical Support

Overview

ZoneAlarm[®] Secure Wireless Router Z100G is the first comprehensive security solution for home networks. Developed and supported by SofaWare Technologies, an affiliate of Check Point Software Technologies, the worldwide leader in securing the Internet, ZoneAlarm[®] Secure Wireless Router Z100G incorporates the same powerful Check Point[®] security technology chosen by 98% of the Fortune 500 companies. It features a fire-wall, a customizable antivirus gateway, an integrated print server, intrusion prevention, Super G 108 Mbps speed, extended wireless range, and a high-performance, remote wireless access point.

Package Contents

The ZoneAlarm® Secure Wireless Router Z100G package includes the following:

- Black ZoneAlarm[®] Secure Wireless Router Z100G
- Two black antennas
- Power adapter
- Orange Ethernet cable
- Gray USB extension cable

- Wall-mounting kit, including two plastic conical anchors and two crosshead screws
- Getting Started Guide
- Additional documentation CD-ROM (e.g., User Guide) with 15-day trial version of ZoneAlarm Internet Security Suite
- End-User License Agreement

What do you need in order to begin the installation?

- A cable or DSL modem and Internet connection.
- A computer with a wired NIC (Network Interface Card) to be used for initial configuration.
- A Web browser. Internet Explorer® 5.0 or higher or Mozilla FireFox® 1.0 or higher are recommended.
- Wired or wireless NIC installed on each computer you want to connect to the network.

Section One: Getting Started

Part 1: Connecting the Antennas

- Carefully screw the two supplied antennas onto the antenna connectors marked ANT1 and ANT2 on the ZoneAlarm® Secure Wireless Router Z100G rear panel.
- · Bend the antennas at the hinges, so that they point upwards.

Part 2: Power Up Your ZoneAlarm Secure Wireless Router Z100G

- Connect the power adapter to the PWR port on the ZoneAlarm[®] Secure Wireless Router Z100G appliance rear panel, and then plug the adapter into a power outlet.
- The PWR/SEC LED on the front panel will start flashing, indicating that your ZoneAlarm[®] Secure Wireless Router Z100G is now on.



Part 3: Connect Your Network

• Connect one end of the network cable provided with your ZoneAlarm[®] Secure Wireless Router Z100G to the WAN port on the appliance rear panel, and connect the other end to your cable or DSL modem, as shown in the figure below.



- Make sure your DSL or cable modem is powered on.
- The WAN LED will light up, indicating proper connection to your modem.
- Connect one end of your network cable to one of the four LAN ports, and connect the other end to your PC. If you have additional PCs or other network devices you wish to connect with a cable, you can connect them to the LAN ports.
- A corresponding LAN LED will light up, indicating each connected computer.

Part 4: Configure Your PCs

Before continuing, make sure all your PCs are configured correctly.

For Windows® XP Operating Systems:

- Open the Control Panel window by clicking *Imm*, choosing *Settings*, and then choosing *Control Panel*.
- Select Network and Internet Connections, double click to open.
- Select Local Area Connection, double click to open.
- Select Properties.



If prompted to restart your PC, click Yes. Restart your DSL or Cable Modem.

Note: The configuration process varies between operating systems. If you are using a Macintosh or another operating system, please consult the ZoneAlarm Secure Wireless Router Z100G User Guide provided on the enclosed CD-ROM.

Section Two: Setup Wizard

Part 1: Starting the Wizard

- Go to http://my.firewall
- Choose an administrator password. It is important to select a hard to guess password that includes both letters and numerical characters.

Check Point server transcores up We Secure the Internet	ZoneAlarm [®] Secure Wireless Router • • • • Z100G
Welcome Roports Security Antivitas Services Natwork Setup Users VPN Help Legout	Wetcome So Dark you for using ZeneAlism 2000. To ensure maximum protection of your configuration, please choose a password. Default Usemanne edministrature password i Default Usemanne edminis Password (6-26 character) Contempossword i Contempossword OK

- Choose an administrator password. Type in both password fields.
- Click OK.

The setup wizard will appear automatically the first time you access the http://my.firewall interface, after choosing an administrator password. It will guide you through the basic configuration procedures. You can run the setup wizard again any time by choosing Setup from the menu in the my.firewall interface, and clicking the ZoneAlarm[®] Secure Wireless Router Z100G Setup Wizard button.

🐴 Setup Wizard Web Page Dialog	2
ZoneAlarm Z100G Setup Wizard	
Welcome	
Welcome to the ZoneAlarm Z100G Setup V	Vizard.
This wizard will guide you through the basic	setup for a secure Internet experience.
Before clicking Next, ensure that the WAN	port on your ZoneAlarm Z100G is connected.
	Next> Concel
http://my.firewall/pop/Wizfframe.html	Internet

• Click Next.

Part 2: Connect to the Internet

The first part of the setup wizard guides you through the configuration of your Internet connection. Before proceeding, make sure no computers are currently using your Internet connection and that the ZoneAlarm[®] Secure Wireless Router Z100G is the only device connected to your modem.

Step 1: Select your Internet connection method.

Note: If you are not certain what type of connection to choose, contact your Internet Service Provider.

Option 1: PPPoE Connection

Internet Con	nection Method
Select your Inter	net connection method:
æ	PPPoE (PPP over Ethernet)
c	PPTP
c	Cable Modern
c	Static IP
c	DHCP (Dynamic IP)
If you are not su	e how to proceed, please contact your Internet Service Provider (ISP).
	(Back Next) Cancel

- Select PPPoE.
- Click Next.
- Fill out the form with the login information provided to you by your Internet Service Provider (ISP).

Setup Wizard Web Page Dialog		×	
ZoneAlarm Z100G Setup	Wizard		
PPP Configuration			Type in your username (as provided by your ISP)
Use the following configuration:			
Usemame			Type in your password
Password			(as provided by your ISP)
Confirm password			Retype your password
Senice	(Optional)		hetype your password
If you are not sure how to proce	eed, please contact your Internet Senice Provider (ISP).		
http://inv.firewali/pop/Walframe.html	Internet		

If you do not have all the information required to fill out this form, please contact your Internet Service Provider (ISP).

- Click Next.
- Proceed to Step 2 (Page 12).

Option 2: PPTP Connection



- Select PPTP.
- Click Next.

Fill out the form with the login information provided to you by your Internet Service Provider (ISP).

🐴 Setup Wizard Web Page Dialog 🗶	
ZoneAlarm Z100G Setup Wizard PPP Configuration	Type in your username (as provided by your ISP)
Use the following configuration: Usemame Password	Type in your password (as provided by your ISP)
Confirm password	Retype your password
Server IP	Type your Service Name (as provided by your ISP)
Subnet Mask [255.255.240.0 [/20]	Type the IP address of the PPTP modem
If you are not sure how to proceed, please contact your Internet Service Provider (ISP).	Type the local IP address required for accessing
http://www.ljopp/Widframe.html	The subnet mask of the PPTP modem

If you do not have all the information required to fill out this form, please contact your Internet Service Provider (ISP).

- Click Next.
- Proceed to Step 2 (Page 12).

Option 3: Cable Modem Connection

Setup Wizard Wel	Page Dialog	×
ZoneAlarm Z	100G Setup Wizard	
Internet Cor	nection Method	
Select your inte	met connection method:	
c	PPPoE (PPP over Ethernet)	
c	РРТР	
æ	Cable Modern	
c	Static IP	
c	DHCP (Dynamic IP)	
If you are not su	re how to proceed, please contact your Internet Service Provider (ISP).	
the line from the state	(Back Next) Cancel	

- Select Cable Modem.
- Click Next.
- Proceed to Step 2 (Page 12).

Option 4: Static IP Connection

tup Wizard Web	Page Dialog	
ZoneAlarm Z1	00G Setup Wizard	
Internet Con	nection Method	
Select your Inter	net connection method:	
c	PPPoE (PPP over Ethernet)	
c	PPTP	
c	Cable Modern	
e	Static IP	
c	DHCP (Dynamic IP)	
If you are not sur	e how to proceed, please contact your Internet Service Provider (ISP).	
	(Back Next) Cancel	
inv /rewalloco/Woff	rame.html 🕥 Internet	

- Select Static IP.
- Click Next.

Fill out the form with the login information provided to you by your Internet Service Provider (ISP).

Setup Wizard Web Page Dialog 🕺	
ZoneAlarm Z100G Setup Wizard	The static IP address pro- vided to you by your ISP.
Use the following configuration: P Address Subnet Mask 255 255 0 (/24)	Select the subnet mask that applies to the static IP address provided to you by your ISP.
Primary DNS Server (Optional) Secondary DNS Server (Optional) WINS Server (Optional)	The IP address of the Default Gateway as pro- vided to you by your ISP.
If you are not sure how to proceed, please contact your Internet Senice Provider (ISP)	
(Back Next) Cancel	 The Secondary DNS server IP address (this field is optional)
http://my/frewall/pop/Widframe.html	The WINS server IP address (this field is optional)

If you do not have all the information required to fill out this form, please contact your Internet Service Provider (ISP).

- Click Next.
- Proceed to Step 2 (Page 12).

10

Option 5: DHCP (Dynamic IP) connection

up wizard web Zorne Alarm Z1	Page Dialog 00 G Setup Wizard
Internet Con	nection Method
Select your Inter	net connection method:
c	PPPoE (PPP over Ethernet)
c	рртр
c	Cable Modern
с	Static IP
e	DHCP (Dynamic IP)
If you are not su	e how to proceed, please contact your Internet Service Provider (ISP).
	(Back Next) Cancel

- No further settings are required.
- Select DCHP.
- Click Next.
- Proceed to Step 2 (Page 12).

Step 2: Connection Settings Confirmation

Setup Wizard Web Page Dialog	×
ZoneAlarm Z100G Setup Wizar	
Confirmation	
Your ZoneAlarm Z100G will now try to c Click Next	innect to the internet.
(Back	Next> Cencel
http://my.firewall/pop/Wiofframe.html	Internet

Review the connection settings and click Next. If the settings appear incorrect, click *Back* and correct the configuration.

Step 3: Establishing Connection

ZoneAlarm[®] Secure Wireless Router Z100G will now attempt to connect to the Internet with the selected connectivity method and login information.

💁 Setup Wizard — Web Page Dialog		×
ZoneAlarm Z100G Setup Wizard		
Connecting		
Now attempting to establish an Internet connection.		
ttp://inv./irewali/pop/Wildframe.html	Internet	

Upon a successful connection, a finish screen appears.

Setup Wizard — Web Page Dialog		2
ZoneAlarm Z100G Setup Wizard		
Connected		_
The connection was established success	fully.	
To launch the time-adjustment wizard clic	:k Next	
	Next> Cancel	
http://my.frewall/pop/Wofframe.html	Internet	

• Click Next.

Your ZoneAlarm[®] Secure Wireless Router Z100G gateway is now connected to the Internet.

Part 3: Setting Time and Date

Setting the correct time and date on your ZoneAlarm[®] Secure Wireless Router Z100G will ensure the event log provides you with the correct event time and remote access VPN connections function properly.



Make sure the date and time on your computer are set correctly and then select Your Computer's Clock.

Click Next.
 Setup Wizard - Web Page Dalog
 ZoneAlarm Z100G Setup Wizard
 Date and Time Updated
 Your ZoneAlarm Z1000G clock setting has been changed successfully.
 To launch the wireless configuration wizard click Next

Next> Cancel

Internet

Click Next.

Part 4: Configuring Your Secure Wireless Network

The setup wizard allows you to configure all the required settings for your wireless connection, including security parameters. For more information on the options available, please see page 97 in the ZoneAlarm[®] Secure Wireless Router Z100G User Guide provided on the enclosed CD-ROM.



📓 Setup Wizard Web Page Dialog 🕺	
ZoneAlarm Z100G Setup Wizard Wireless Configuration	Choose Enable Wireless networking to activate your wireless network
Wireless networking allows you to link computers without cables. <u>To use this</u> wireless networking features of the ZoneAlarm Z100G, select <u>Enable wifeless</u> networking' and enter the details below. Warning Selecting an incorrect <u>causery could</u> result in a violation of government regulations. Enable wireless networking Network Name (SSID) SmithFamily Country (Choose your country) <u>(0)</u>	Type a name for your net- work, up to 32 characters. You may use letters and numeric characters. For example: "SmithFamily"
Channel Automatic	Choose your country
	Choose 802.11g Super (11/54/108)
	Choose Automatic
Next > Cancel	
http://my.livewall/pop/Walframe.html	

• Click Next.

Step 2: Wireless Security Configuration



Choose WPA-Personal.

Note: WPA-Personal is the recommended method of encryption for home and home office wireless networks. To learn about other wireless encryption methods, please refer to page 98 in the ZoneAlarm Secure Wireless Router Z100G User Guide provided on the enclosed CD-ROM.

• Click Next.



Select a hard to guess phrase 8-63 characters long. It is recommended you use both letters and digits. For example: "Live Long and Prosper 1701". **Note:** You can use blanks and the pass-phrase is case-sensitive.

• Click Next.

Step 3: Wireless Connection Settings Confirmation



Review the wireless security settings and click *Next*. If the settings appear incorrect, click *Back* and correct the configuration

💁 Setup Wizard Web Page Dialog			×
ZoneAlarm Z100G Setup Wiza	ird		
Wireless Security Complete			
Your wireless networking configuration To launch the product key wizard clici	n has been saved su k Next	ccessfully.	
	Next>	Cancel	
http://my.firewall/pop/Wizfframe.html		Internet	

• Click Next.

Your secure wireless network is now active. To learn how to connect your PCs and other network devices to the wireless network, please see Section Five in this guide.

Part 5: Changing the Product Key

Unless otherwise instructed when purchasing your ZoneAlarm[®] Secure Wireless Router Z100G, there is no need to change the product key of your appliance, and you may skip this part of the wizard.

ZoneAlarm Z100G Setup Wizard	
Install Product Key	> Buy Upgrad
Your ZoneAlarm Z100G is currently configured with the fol Product : ZeneeAlarm Z100G Product Key : 768a16-80268-803	lowing product information: (5 nodes) 140
In a typical installation, there is no need to change these clicking Next.	settings, and you can proceed by
What do you want to do?	
Keep these settings	
C Enter a different Product Key	
Next>	Cencel

Choose Keep these Settings.

• Click Next.

Trans Marcon Trans Contract Million	
coneAlarm 2100G Setup Wizard	
Product Key Not Modified	
The Product Key was not modified. To launch the Service Center connection	wizard click Next
< Back	Next> Cancel

• Click Next.

Setup Wizard Web Page Dialog	
ZoneAlarm Z100G Setup Wizard	
Service Center	
Your ZoneAlarm Z100G allows additional secu updates, content filtering and antivirus - enable solution that is always up-to-date.	nty senices, including security and firmware ing you to receive a comprehensive security
If you have already purchased security subscr enter your subscription provider details below.	iption from your service provider or reseller,
If you have not subscribed yet or would like to Service Center.	subscribe to more services, click Locate.a
Connect to a Servic	e Center
C usercenter.soft	aware.com
C Specified IP	
	Next> Cancel
tp://my.firewall/pop/Widfframe.html	Internet

Connecting to a service center allows you to receive software and security updates as well as value-added security services. If the service center login information was already supplied to you by your Internet Service Provider or Network Security Service Provider, please proceed to Connecting to a Service Center, Section Three, Part 2 in this guide. Otherwise, deselect Connect to a Service Center.

• Click Next.

Done	
The basic setup of your ZoneAlarm Z100G gat secure. It is recommended you review the othe portal.	eway is complete and your network is now er security and networking settings using this
The default frewall security policy allows all m minimal interruptions. To customize the default	etwork users to access the internet with It policy, see the Security/Firewall tab.
See product documentation for more informati	on about customizing your installation.
	Finish

• Click Finish.

Congratulations!

You have completed the basic installation and configuration process of your ZoneAlarm[®] Secure Wireless Router Z100G. It is now ready to securely connect your PCs to the Internet.

Section Three: Subscription Security Services

In order to receive comprehensive security services for your ZoneAlarm[®] Secure Wireless Router Z100G such as antivirus and security updates, you need to activate your subscription and connect to a service center.

Part 1: Activate Your ZoneAlarm® Secure Wireless Router Z100G

In case the value-added services are provided to you by your Internet Service Provider or Network Security Service Provider, proceed to Step 2 (page 19).

- Go to http://my.firewall and log in with the administrator username and password.
- In the welcome screen, locate your MAC address and your purchase code. These are required in order to activate your free subscription.

To activate your subscription:



Make sure you are connected to the Internet and click on Activate Your Free Subscription.

• Fill out the form. Type your full name. Product upgrade activation: Please ensure the MAC address you enter below is the appliance WAN MAC address. The WAN MAC address can be found under Network -> Internet in the my.firewall web interface. Type your email. Please allow up to 2 business days for activation. If you have any questions, please contact us. Type your phone number. Full Name: Email Address: Choose your country from the list. Phone Number: Country: Select One State: Select One Choose your state from the list. Appliance MAC Address: · How to find my Purcha Purchase Code: Code? Enter your MAC address. Enter your purchase code. · Click Send.

A confirmation screen appears to approve the form has been sent.



An e-mail will be sent to the e-mail address you filled in the form, with your login information.

Part 2: Connecting to a Service Center

Upon receiving your service center login information, proceed with your service center connection.

Step 1: Opening the Service Center Connection Wizard

Go to http://my.firewall and log in with the administrator username and password and click on Services in the left hand menu.

• Click Connect. Check Point ZoneAlarm[®] Secure W cure the Intern svelcome Reports Encurity Antivitus Sotup Users VPN Help Logout Account duct upgrades and sub ot to a Service Center Connect Status Infor Solware Updates NO Not Subscribed te Management 80% Not Subscribed Sofa/Nere 104 di Filbering Net Subscribed NA. al Arthins Not Subscribed 804 NA us Signature Updates Not Se nie DNS Not Subscribed 805 Dysomic VFN Not Subscribed NO

Step 2: Choosing a Service Center

• Choose Connect to a Service Center.

Setup Wicard — Web Page Dialog	×
ZoneAlarm Z100G Services Wizard	
Service Center	
Your Zone-Nams 21000 allows additional security services, including security and liminare updates, content litering and anterior - enabling you to receive a comprohenewe security solution that is always up-to-date.	
If you have already purchased occurity subscription from your service provider or receiler, enter your subscription provider details below.	
You have set subscribed yet or would live to subscribe to more services, click Locate a Service Center Or convect to a Service Center Or Described P	
Next> Cascal	
Hernet 😨 knot endrouge the sector of the se	

Choose Connect to a Service Center

In case you followed the instructions in Step 1, choose zone.sofaware.com.

- Click Next.
- Proceed to Step 3.

In case the value-added services are provided to you by your Internet Service Provider or Network Security Service Provider, choose Specified IP and type the IP as provided by the Service Provider.

• Click Next.

ZoneAlarm Z100G Services Wiza	ard
Service Center Login	
This Service Center requires authentication Please enter your subscription details as administrator.	on. I given to you by your Senice Provider or system
Gateway ID	
Registration Key	
(Back	Next> Cancel

Type your gateway ID and registration key, and click *Next*.

If this form appears and you do not have all the information required to fill out it, please contact your Internet Service Provider (ISP) or your Network Security Service Provider.

• Proceed to Step 3.

Step 3: Establishing Connection

Your ZoneAlarm® Secure Wireless Router Z100G will now attempt to connect to the service center.



• A confirmation screen appears.

Setup Wizard Web Page Dialog		x
ZoneAlarm Z100G Servi	ces Wizard	
Confirmation		
Welcome to the SofaWare S	ervice Center	
You are now subscribed to the Soft Wet Log Dym VSiu Sub	s following services: ware Updates 6 Filtering ging & Reporting amic DNS ream Anthelrus Signature Updates scription Expires : Jan 1, 2007	
To confirm, click Next		
((Back Next) Cancel	
http://my.firewall/pop/WizMframe.html	Internet	

• Click *Next* to confirm the configuration.

Upon a successful connection, a finish screen appears.

🔁 Setup Wizard — Web Page Dialog	
ZoneAlarm Z100G Services Wizard	
Done	
Services configured successfully.	
	Finish
have the stand the billing of her	
http://my.hrewal/pop/wizhtrame.html	Internet

• Click Finish.

Your ZoneAlarm® Secure Wireless Router Z100G is now connected to a service center.

Section Four: Additional Feature Configuration Part 1: Setting Up Network Antivirus Protection

Note: This option is available once your ZoneAlarm[®] Secure Wireless Router Z100G is connected to a service center and subscribed to antivirus updates. To connect to the service center, please see Section Three of this guide.

Activating Antivirus Protection:

• Go to http://my.firewall and log in with the administrator username and password.



Choose Antivirus from the left-hand side menu.

• Drag the lever to On to activate the antivirus.

Antivirus protection is now enabled on your ZoneAlarm® Secure Wireless Router Z100G.

The ZoneAlarm[®] Secure Wireless Router Z100G network antivirus includes a flexible mechanism that allows you to define exactly which traffic should be scanned, by specifying the protocol, ports, and source and destination IP addresses.

The standard antivirus policy is suitable if you wish to scan incoming and outgoing e-mail traffic only. If you wish to scan additional traffic, you need to define a custom antivirus policy rule.

Creating Additional Antivirus Rules:



Choose the action to be performed with incoming or outgoing connections.

• Click Next.

📲 VStream Antivirus Rule Wizard Web Page Dialog 🔀 🕺	
VStream Policy Rule Wizard	
Step 2: Service	Applies the rule on all traffic
Scan connections to the following service:	
@ Any Service	
C Standard Service	Applies the rule on a standard
C Custom Service	type of traffic (such as web traffic).
Protocol TOP y	Choose a service from the list.
Port Range	Applies the rule on a custom type
(Back Next) Cancel	traffic. Choose a protocol from the list and insert port range.
http://my/irewall/pop/WizAvRframe.html	

Choose the type of traffic to apply the rule on. The rule can be applied on all traffic, standard type of traffic (such as web traffic), or on a custom type of service.

• Click Next.

📲 YStream Antivirus Rule Wizard Web Page Dialog		×	
VStream Policy Rule Wizard			
Step 3: Destination & Source			
If the connection source is: [ANY And the destination is:	3		Select connection source.
ANY Data Direction: Download and Upload data	3		Select connection destination.
(Back)	Next> Cancel		Select data direction.
http://my.firewall/pop/WizA/Rframe.html	Internet		

Choose the destination and source of the traffic the rule will be applied on.

• Click Next.



Review the description of the rule you created and click *Finish*. If the description of the rule appears incorrect, click *Back* and correct the configuration.

To learn more about the ZoneAlarm[®] Secure Wireless Router Z100G antivirus and about antivirus policy configuration, please refer to page 199 in the ZoneAlarm[®] Secure Wireless Router Z100G User Guide provided on the enclosed CD-ROM.

Part 2: Configuring Your Network Security Level

The security level defines the security policy the firewall enforces for all incoming and outgoing connections.

To configure your security level

- Go to http://my.firewall and log in using the administrator username and password.
- Choose Security from the menu.
- Click on Firewall tab.



Blocks all the traffic passing through this gateway.

Enforces strict control on all incoming and outgoing connections.

Enforces strict control on all incoming connections, while permitting safe out-going connections.

Enforces basic control on incoming connections, while permitting all out-going connections.

Drag the lever to the desired security level.

Note: Medium security level is the default level and is recommended for most cases. Leave it unchanged unless you have a specific need for a higher or lower security level.

A message notifying change in the firewall security policy is saved successfully appeared.



You can learn more about what each level means by referring to page 138 in the ZoneAlarm[®] Secure Wireless Router Z100G User Guide provided on the enclosed CD-ROM.

Part 3: Configuring SmartDefense[™] Security Settings

The ZoneAlarm[®] Secure Wireless Router Z100G includes Check Point[®] SmartDefense[™] Services, based on Check Point Application Intelligence. SmartDefense provides a combination of attack safeguards and attackblocking tools that protect your network.

Among others, SmartDefense aids proper usage of Internet resources, such as, instant messaging, Peer-to-Peer (P2P) file sharing, file-sharing operations, and File Transfer Protocol (FTP) uploading.

You can learn more about SmartDefense by referring to page 151 in the *ZoneAlarm Secure Wireless Router Z100G* User Guide provided on the enclosed CD-ROM.

- Go to http://my.firewall and log in with the administrator username and password.
- Choose Security from the menu.
- Click on the SmartDefense tab.

-	Innerf Servers Roles	BreartDulleten Expensed Prest
Reports		Smarffoliuma Configuration
Social So	Constitutions Constitutions Constitution Constation Constation Con	Track op Some breaken servingelige T-Supported. Andrea Data Canona Canona

• Click on the SmartDefense Wizard button.

SmartDefense Wizard Web Page Dialog	×
SmartDefense Wizard	
Step 1: SmartDefense Level	
Welcome to the SmartDefense wizard.	
Please select the level of SmartDefense enforcement.	
Extra Strict	
Normal Minimal	

• Drag the lever to the desired *SmartDefense* protection level.

• Click Next.

Blocks denial of service attacks, blocks spyware, detects port scans, and strictly enforces compliance to standards.

Blocks most denial of service attacks, blocks spyware and detects port scans.

Blocks the most common attacks.

Disables most SmartDefense protections.



In case you are running public servers on your network, select the types of public servers you are running from the list.

• Click Next.

SmartDefense Wizard – Web Page Dialog	
SmartDefense Wizard	
Step 3: Application Blocking	
If you want to block certain applications fi the following list:	rom being used in your network, select them from
☐ Block peer-to-peer file shari ☐ Block instant messengers () ☐ Block Skype	ıg (such as KaZaa or eMule) CQ or Yahoo messenger)
(Back	Next> Cencel
p://my.frewall/pop/WiteSDframe.html	Internet

- Select from the list applications you want to block from being used in your network.
- Click Next.



Review the SmartDefense settings and click *Finish*. If the settings appear incorrect, click *Back* and correct the configuration.

Part 4: Printer Sharing Setup

ZoneAlarm[®] Secure Wireless Router Z100G includes a built-in print server, enabling you to connect USBbased printers to the appliance and share them across the network (up to four when using computers that use Windows 2000/XP operating system, and one when using computers with a MAC OS X operating system). The ZoneAlarm[®] Secure Wireless Router Z100G automatically detects printers as they are plugged in, and they immediately become available for printing. Usually, no special configuration is required on the ZoneAlarm[®] Secure Wireless Router Z100G.

To configure a printer in your network:

Connect the printer:

- Connect one end of a USB cable to a USB port at the back of the unit. If needed, you can use the provided USB extension cord.
- Connect the other end to your printer.
- Turn the printer on.
- Go to http://my.firewall and log in with the administrator username and password. Click Setup in the left hand menu, and select the *Printers* tab in the top menu.

If the ZoneAlarm[®] Secure Wireless Router Z100G detected the printer, the printer is listed on the page. If the printer is not listed, ensure that the printer is properly connected, and then click *Refresh* to refresh the printers list.



The port number appears in the Printer Server TCP Port field. This port number will be used in the printer configuration on your PC.

Configuring Your PCs to Use the Printer:

For Windows 2000/XP Operating Systems:

- Open the Control Panel window by clicking **ment** and then choosing Control Panel.
- Click Printers and Faxes. The Printers and Faxes window opens.
- Right-click in the window, and click Add Printer in the popup menu.

The Add Printer Wizard opens with the Welcome dialog box displayed.



• Click Next.

The Local or Network Printer dialog box appears.



- Click Local printer attached to this computer.
- Deselect the Automatically detect and install my Plug and Play printer check box.
- Click Next.

The Select a Printer Port dialog box appears.



The Add Standard TCP/IP Port Wizard opens with the Welcome dialog box displayed.



• Click Next.

The Add Port dialog box appears.

d Standard TCP/IP Printer Port Wiz	ard
Add Post For which device do you want to ad	id a port?
Enter the Printer Name or IP address	s, and a port name for the desired device.
Printer Name or IP Address:	
Port Name:	
	< Back. Next > Cancel

• In the Printer Name or IP Address field, type "my.firewall".

The Port Name field is filled in automatically.

• Click Next.

The Add Standard TCP/IP Printer Port Wizard opens, with the Additional Port Information Required dialog box displayed.

The device	t Information Required could not be identified.	1
he device is no	t found on the network. Be sure that:	
The device i	i turned on.	
The device i	a connected. s properly configured.	
Ine address	on the previous page is correct.	
you think the a te address and elect the device	ddress is not correct, click Back to return to the p perform another search on the network. If you are type below.	evious page. Then correct sure the address is correct,
you think the a te address and elect the device Device Type	ddress is not correct, click Back to return to the p gentum another search on the network. If you are a type below.	evicus page. Then correct sure the address is correct,
you think the a the address and elect the device Device Type - C Standard	ddess is not correct, click Back to return to the p perform another search on the network. If you are t type below.	evious page. Then correct sure the address is correct.
you think the a te address and elect the device Device Type - O Standard O Custom	ddess is not correct, click Back to setum to the p perform another search on the network. If you are type below. Serveic Network Card Settings	evious page. Then correct sure the address is correct,

- Choose Custom.
- Click Settings.

The Configure Standard TCP/IP Port Monitor dialog box opens.

of Name:		ny.frewe	4	
inter Name or IP.Ad	idess:	my frees	4	-
Protocol @ Raw			C LPR	
Raw Settings Port Number:	910	0		_
LPR Settings				
Queue Name:				
LPR Byte Court	ling Enab	ied		
SNMP Status E	nabled			
Community Name.	pub	éc.		

In the *Port Number* field, type the printer's port number, as shown in the Printers page in the ZoneAlarm[®] Secure Wireless Router Z100G interface. See illustration on Page 27 of this guide for details.

- In the Protocol area, select Raw.
- Click OK.

The Add Standard TCP/IP Printer Port Wizard reappears.



• Click Next.





Select your printer manufacturer and model from the list. If your printer does not appear in the lists, insert the CD supplied with your printer in the computer CD-ROM drive, and click Have Disk.

• Click Next.



- Enter a name for the printer.
- Choose if you would like to use this printer as a default printer.
- Click Next.

Add Printer Wizard		
Printer Sharing You can share this printer with other netwo	ak user.	Ì
If you want to share this printer, you must p suggested name or type a new one. The st users.	rovide a share name. You can use the hare name will be visible to other network	
P Do not share this printer		
C Share name:		1
	<back next=""></back>	Cancel

- Choose Do not share this printer.
- Click Next.



- Choose Yes in order to print a test page.
- Click Next.



• Review the printer settings and click *Finish*. If the settings appear incorrect, click *Back* and correct the configuration.

Now you need to do the following:

- The printer appears in the Printers and Faxes window.
- Right-click the printer and click *Properties* in the popup menu.

Trintees and Faxes		_ O X
File Edt Vew Parortes 1	sols Help	at 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19
Gnd - 🕤 - 🏂 🔎	Search 😥 Polders 💷 -	
Address 🍋 Printers and Paces		💌 🔁 Go
Princer Taske 2 Add a printer See what's printing printermoss Pause printing Pause printing Pause printing Pause printing Pause printing Pause printing	H ^P Lass 24t 4980 Series PCL on server1 Boomert Brage Writer	

The printer's *Properties* dialog box opens.

• Go to the Ports tab.



- In the list box, select the port you added. The port's name is my.firewall.
- Click OK.

Network printer setup is done.

Section Five: Configure a Computer to Connect to the Wireless Network

Before continuing, make sure the PC you want to connect to the wireless network is configured correctly, and has a wireless Network Access Card installed.

For Windows XP Operating Systems:

• Once a wireless network is detected, a notifying icon will appear in the system tray in the lower right area of the screen.



• Right-click the wireless network icon in the system tray area in the lower right area of your screen, and then click *View Available Wireless Networks.*

	The second	
	Change Windows Firewall settings	
	Open Network Connections	
262	Repair	
	View Available Wireless Networks	

• The *Wireless Network Connection* window appears and displays your wireless network listed with the SSID you chose in the procedure described in Part 4 of Section Two in this guide.

Natural Tarla	Choose a wireless network	
🐒 Refresh network list	Click an item in the list below to connect to a gireless network in range or to get information.	more
Set up a wireless network for a home or small office	((•)) Smithfamily Man	1001 ★ 1000
telated Tasks	 Security-enabled wireless network (WPA) This network requires a network key. If you want to connect to this network, disk Connect. 	
Usam about wireless networking		
Change the order of preferred networks		
Change advanced settings		
		1
		⊆onnect

• Choose your network, and then click Connect in the lower right corner.

If you do not see your network, click Refresh network list in the upper left corner.

A connection window will pop up.

wireless Network Conner	ction	×
The network 'SmithFamily' r network key helps prevent Type the key, and then dic	equires a network key (also called a WEP key or WPA unknown intruders from connecting to this network, k Connect.	iey). A
Network key:	•••••	
Confirm network key:		_
	Connect Ca	ncel

- Click Connect.
- · Wait while connects to the wireless network.

Wireless Network Connection	
🍯 📲	
Please wait while Windows connects to the 'Smit	hFamily' network.
Waiting for the network	
	Cancel

• Wireless network connection screen will now indecate the connection has been established.

Wireless Network Connection	a6	
Network Taolie	Choose a wireless network Cloban ites in the let below to connect to a giveless network in information.	nange or to get more
 Set up a wreters tetwark for a hone or shall office Related Tasks Usam about vehicles networking 	((n)) SmithFamily & Security-anabital versions notwork (WFA)	Connected 👷
		Discoved

The wireless network connection icon in your system tray in the lower right area of the screen will change to sindicating you are connected.



Note: The settings are automatically saved in the computer. In the future, you should not have to repeat this procedure for this computer.

Section Six: Software Updates and Technical Support

For technical support, please go to www.zonelabs.com/support. Free basic online installation support provided for 90 days from the date of installation. Optional premium support available.

Free 90 days of comprehensive security services is included. Security threats are on the rise. It is important to keep your appliance's security software up-to-date with the latest security releases. You can also enjoy a wealth of add-on security services in simple, flexible packages delivered to your appliance transparently and regularly for the ultimate Internet experience. To learn more, go to: www.zonelabs.com/z100g

© 2003–2006 Check Point Software Technologies Ltd. All rights reserved. Check Point, Check Point logo, DefenseNet, IMsecure, OSFirewall, Safe@ Office, SmartDefense, SmartDefense Advisor, TrueVector, ZoneAlarm, ZoneAlarm Anti-Spyware, ZoneAlarm Antivirus, ZoneAlarm Internet Security Suite, ZoneAlarm Pro, ZoneAlarm Secure Wireless Router, Zone Labs, and the Zone Labs logo are trademarks or registered trademarks of Check Point Software Technologies Ltd. or its affiliates. All other product names mentioned herein are trademarks or registered trademarks of their respective owners. The products described in this document are protected by U.S. Patent No. 5,606,668, 5,835,726, 6,496,935, 6,873,988, and 6,850,943 and may be protected by other U.S. Patents, foreign patents, or pending applications.



US Headquarters: 800 Bridge Parkway · Redwood City, CA 94065 Tel (650) 628 2000 · Fax (650) 654 4233 www.zonealarm.com P/N 702238