



TELESTREAM



Application Note

Configuring the UGate-3000 for use with ClipMail Pro and ClipExpress

Introduction

This Application Note guides the ClipMail user through the UGate gateway configuration process by using a simple dial up connection example. Please refer to the attached network diagram. It is highly recommended that you also read the UGate technical literature supplied with the UGate-3000 to become familiar with the features and functions not covered here.

Basic Configuration Procedure (ClipMail send only)

1. Connect a 10BaseT cable from the ADSL or cable modem to the WAN port on the UGate-3000.
2. With standard Category-5 cable, connect a PC or Macintosh to the ethernet port on the UGate-3000.
3. Apply power to the UGate-3000 and the modem. The green Power LED will light, and red Test LED will turn on for a few seconds while performing diagnostics, then turn off.
4. Setup the ClipMail unit to use DHCP to receive a network address. (Under 'Set Up' choose the Network tab, then click 'Get IP Address from DHCP Server') Reboot the unit.
5. Setup the PC/Mac to use DHCP to receive a network address.

For PC's running Windows go to the control panel, open network, double-click TCP/IP, select 'Obtain an IP address automatically,' click OK. Reboot the machine.

For PC's running Windows NT go to the control panel, open network, select the protocols tab, double-click TCP/IP, select 'Obtain an IP address from a DHCP server,' click OK. Reboot the machine.

For Macs go to the system menu, control panels, TCP/IP, select Use DHCP. Reboot the Machine.

6. Launch your web browser – Netscape Communicator or Internet Explorer, version 4.0 or higher. Type the IP address **192.168.0.1** in the **Address** or **Go to** field to access the UGate-3000 configuration and press Enter.
7. The Basic Setup screen displays.

Device Name field: keep the default: "UGate-3000."

LAN IP Address field: for an internal LAN, use the default values:

Device IP Address - 192.168.0.1

Network Mask: 255.255.255.0

WAN IP Address field: There are several ways you can obtain this address:

- ◆ If your Internet Service Provider has given you a static IP address, fill in the following fields with the information given you by your ISP.

IP:

Gateway:

Netmask:

- ◆ Click "Obtain an IP address automatically" to have your ISP furnish the address automatically. If your ISP can't do this, the ISP will send you the address to fill in yourself. If that is the case, click "Specify an IP address" and fill in the information required manually.



- ◆ A third method, called “PPPoE,” may be used with some ISP’s. In that case, your ISP will provide you with a username/password. Contact Telestream Customer Support for details.
- 8. Click Apply.
- 9. Test your setup. Use your browser to connect to any Internet web site. If you do so successfully you have completed the setup.

Advanced Configuration (ClipMail can send and receive)

1. Connect a 10BaseT cable from the ADSL or cable modem to the WAN port on the UGate–3000.
2. With standard Category-5 cable, connect a PC or Macintosh to the ethernet port on the UGate–3000.
3. Apply power to the UGate–3000 and the modem. The green Power LED will light, and red Test LED will turn on for a few seconds while performing diagnostics, then turn off.
4. Setup the ClipMail unit network IP address. (Under ‘Set Up’ choose the Network tab, then click ‘Enter IP Address’). Type **192.168.0.100** in the IP Address field, **192.168.0.1** in the Default Gateway field, and **255.255.255.0** in the Subnet Mask field. Reboot the unit.
5. Setup the PC/Mac to use DHCP to receive a network address. Set the default gateway to 192.168.0.1, and subnet to 255.255.255.0.

For PC’s running Windows: Go to the control panel, open network, double-click TCP/IP, select ‘Obtain an IP address automatically,’ click OK. Reboot the machine.

For PC’s running Windows NT: Go to the control panel, open network, select the protocols tab, double-click TCP/IP, select ‘Obtain an IP address from a DHCP server,’ click OK. Reboot the machine.

For Macs: Go to the system menu, control panels, TCP/IP, select Use DHCP. Reboot the Machine.

6. Launch your web browser – Netscape Communicator or Internet Explorer, version 4.0 or higher. Type the IP address **192.168.0.1** in the “Address” or “Go to” field to access the UGate–3000 configuration and press Enter.
7. The Basic Setup screen displays. Enter the following:

Device Name field: keep the default: “UGate–3000.”

LAN IP Address field: for an internal LAN, use the default values:

Device IP Address - 192.168.0.1

Network Mask: 255.255.255.0

WAN IP Address field: There are several ways you can obtain this address:

 - ◆ If your Internet Service Provider has given you a static IP address, fill in the following fields with the information given you by your ISP.

IP:

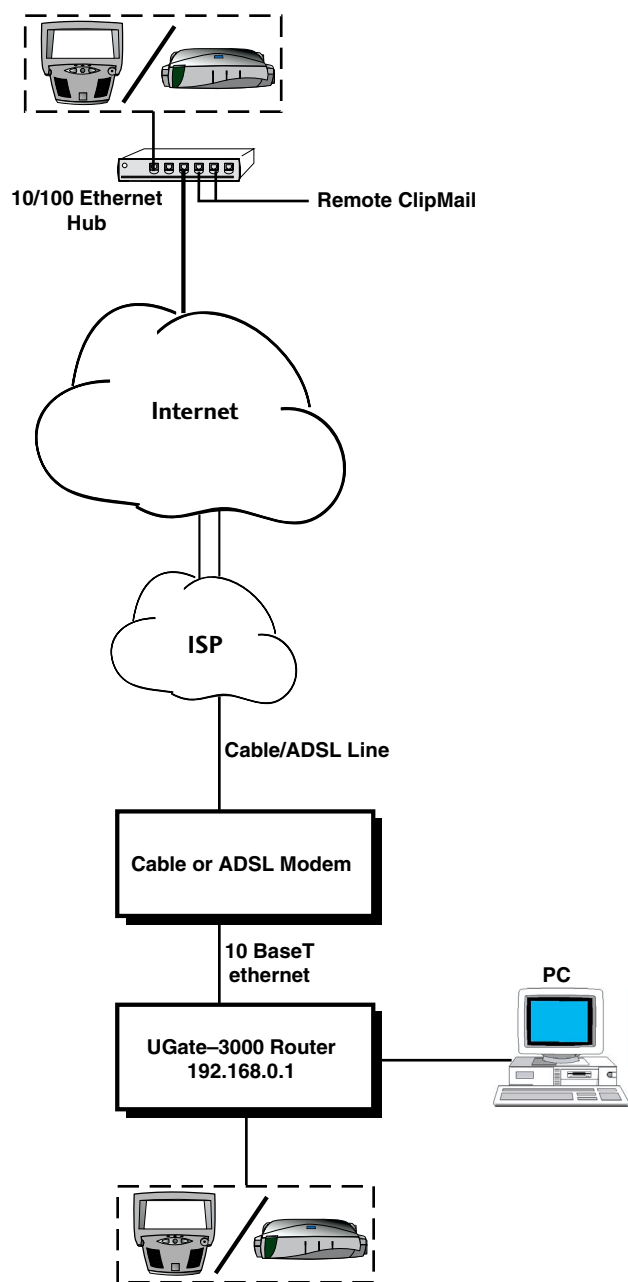
Gateway:

Netmask:

 - ◆ Click “Obtain an IP address automatically” to have your ISP furnish the address automatically. If your ISP can’t do this, the ISP will send you the address to fill in yourself. If that is the case, click “Specify an IP address” and fill in the information required manually.
 - ◆ A third method, called “PPPoE,” may be used with some ISP’s. In that case, your ISP will provide you with a username/password. Contact Telestream Customer Support for details.
8. Click Apply.



9. To test your setup, use your browser to connect to any Internet web site. If you do so successfully you have completed the setup.
10. To establish a Virtual Server:
Go to the Basic Setup screen and click on the “Virtual Server” button.
Type **21** in the service Port No. field. Type in **192.168.0.100** in the adjacent LAN IP Address field. Click Apply.
To test your setup: On your ClipMail system, navigate to Setup, Addresses, New Address. Enter a Name (any name will do), and in the ClipMail field enter 192.168.0.1. Then go to Set Up, select the address you just created, click Net Diags, and click FTP Test. The test results will be displayed. If there is a failure, double check that you entered the correct LAN IP Address and Port No.
11. To establish a UGate Domain Name Server:
Go to the Basic Setup screen. Click on the “Get Your Own Domain” button.
In the “Your Domain will be” field, choose a name, such as, “tele.Ugate.Net.” (Use letters, not numbers.)
In the “Your E-mail Address is” field, type in a contact mail address. Click Register.
To test your setup: On your ClipMail system, navigate to Setup, Addresses. In the Address Book, select the UGate Domain Name you entered. Click the Net Diags button. Click the Ping button. A failure may indicate one of the following:
 - Your UGate Domain Name did not register with UGate.
 - Your ClipMail DNS Server was not set up properly.Also refer to page 49, “If you are having trouble,” in the *UGate-3000 User’s Guide*.





For More Information

For more information on ClipMail products, please contact us via any of the following methods:

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