

CYMPHONIX™

Network Composer™

Quick Start Guide



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Introduction

One of the primary purposes of this **Quick Start Guide** is to provide you with the information you need to quickly and accurately install your Network Composer. As with any powerful device there are a few things that you will want to watch out for to avoid any possible complications in your setup and configuration process so please read the **Read Me Doc**.

Step 1

Collect Initial Information

Please write down the serial number of your unit before it is installed in a rack as you will need it when registering the device. It is located on the shipping box as well as on the back of the unit itself.

NC Serial Number

Device Serial Number:

Collect the following information about your network configuration:

Network Configuration

DNS server IP Address:

Static IP address to be assigned to NC:

Subnet mask:

Gateway IP Address:

Total Download Speed (1Mbps = 1000 Kbps): Kbps

Total Upload Speed (1Mbps = 1000 Kbps): Kbps

Network Composer Operating Mode: * Ethernet Bridge Firewall

* A note about Operating Modes: With the addition of firewall capabilities to the Network Composer in revision 5.5.1 your configuration options have increased substantially. Please bear in mind that if you are going to be using your Network Composer as your firewall there will most likely be additional configuration necessary to support your existing network. Consult the **Setup Wizard** for procedures to configure your firewall options, or contact your Authorized Reseller for further assistance.

Step 2

Connecting to your Network Composer

Change IP Settings

To connect a workstation to your Network Composer for the initial setup you will need to change the IP settings on your local computer to match the default settings of the Network Composer.

Write down the existing IP Settings information of your local workstation so that you can easily set it back when configuration is complete.

Change your local computer IP Settings to:

IP address: **192.168.1.81**
Subnet Mask: **255.255.255.0**

Web Browser Interface – Setup Wizard

To begin the configuration process, connect to Network Composer by using a supported web browser:

- Microsoft Internet Explorer 6 or later
- Mozilla Firefox 1.0.2 or later

Plug-in and power on your Network Composer. Connect the included crossover cable to from the Network Composer's WAN port to your workstation's NIC.



Open a browser window and type **192.168.1.80** in the URL/address bar.

Select the Network Composer Administration login.

Default User Name: **admin** (all lowercase)

Default Password: **cymphonix** (all lowercase)

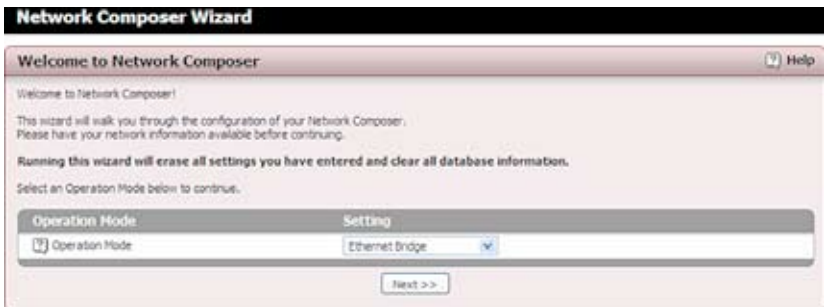
This will bring you to the first page of the **Setup Wizard**.

To configure your Network Composer use the **Setup Wizard**. You will be asked for the network configuration settings outlined in Step 1 to correctly configure your system. The wizard will launch automatically the first time you login as well as any time your system is reset to factory defaults.

Step 3

Configuring your Network Composer

The **Setup Wizard** will walk you through inputting the configuration information that you collected in **Step 1**. If you are going to be configuring your Network Composer in Firewall mode please be aware that additional information will be required. Clicking on the help icons will bring up additional definitions and information about the individual configuration options if needed.



Once you have set the mode and input the networking information you will be prompted for your network topology. This will allow you to more easily configure remote subnets, static routes, and VLAN's as they might be necessary.

You will also be prompted for the **Admin E-Mail for Alerts, Send weekly reports to, and Mail Server**. These settings are optional and can be modified later, but if you have the current settings enter them now.

Next you will be prompted to configure Content Filtering on your Network Composer, including any proxy information. **For your Network Composer to work correctly any proxy server information must be added to this configuration page to eliminate conflicts.** This page contains detailed information about how Content Filtering works and what is required.

When finished, you must reboot the Network Composer using the button on the final screen of the wizard to apply the changes. Your browser will be disconnected from the Network Composer during the reboot process and you will need to reconnect to make any additional configuration changes.

Configuring Network Composer using the Setup Wizard will result in a complete reset of the system database.

Option	Setting
DNS Server	192.168.1.1
Composer IP Address	192.168.1.80
Composer Netmask	255.255.255.0
Composer Gateway	192.168.1.1
Total Download Bandwidth in KBits (1000 = 1Mbit)	1500
Total Upload Bandwidth in KBits (1000 = 1Mbit)	1500

To view and/or change individual settings without resetting the system, use the Settings pages. From the Toolbar Menu, go to **Tools & Settings | Settings | Composer** or **Advanced Settings**. Select **Next** when page fields are complete then **Confirm** to accept changes, typically a reboot will be required to implement any changes made to these configuration pages.

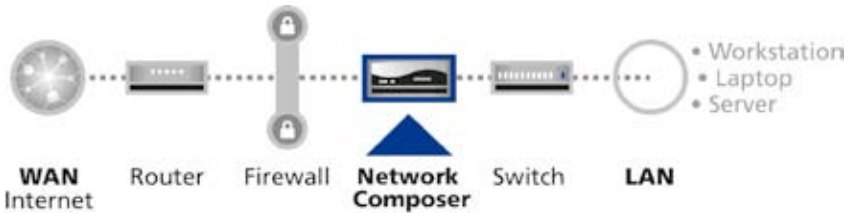
Step 4

Installation Location

All traffic that you want to monitor or shape must pass through the appliance. Optimally, your Network Composer is installed in-line with Internet/WAN traffic flow, typically between the LAN switch and the router/firewall. To begin passing traffic through Network Composer, locate the patch cable running from the firewall or router to the LAN switch.

Unplug the cable from the LAN Switch and connect it to the Internet/WAN port. Then connect a second patch cable from the LAN port, to your Ethernet/LAN switch. The Network Composer should now be sitting in-line

with your Internet traffic. One patch cable from the LAN switch should be connected to the LAN port, and a second patch cable should be connected from the firewall/router to the Internet/WAN port.



Note for Proxy Users: see **Read Me Doc**

Note for Cisco PIX users: see **Read Me Doc**

Step 5

Test and Cut-over System

Test the connection with a local computer using normal network IP Settings. (Change your local workstation back to its original IP configuration if you modified them in **Step 2**.) You should be able to connect to the Network Composer from your Web browser by entering the new IP Address assigned during configuration.

Thank you

Thank you for selecting the Cymphonix Network Composer. We appreciate your feedback. Please contact us by email at info@cymphonix.com or by phone at 801-938-1500 (M-F 7am – 6pm MST) with any questions, concerns or comments. We look forward to hearing from you.



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DOC-NC-QSG 11.30.05.v1