

NET INTEGRATOR

# Quick Start Guide





# Meet Your Net Integrator

Lite, Mark I, Mark II models

## Front View





## Back View



Main power switch

(note the Power Slide Switch below: 115 North America/230 Europe)

Power Socket

Ethernet Port 0

Ethernet Port 1

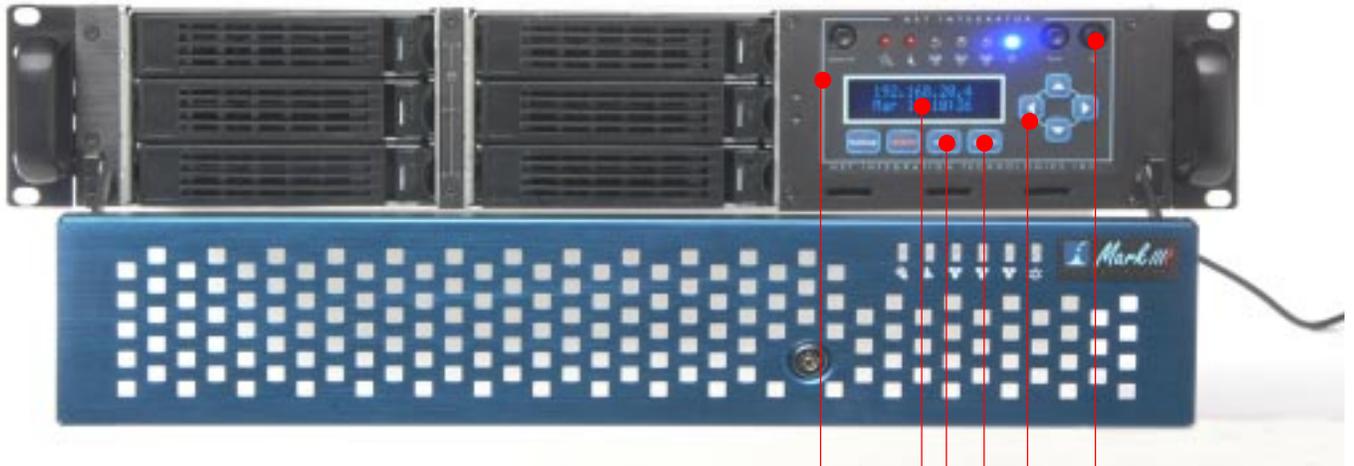
Ethernet Port 2



# Meet Your Net Integrator

Mark IIIIR model

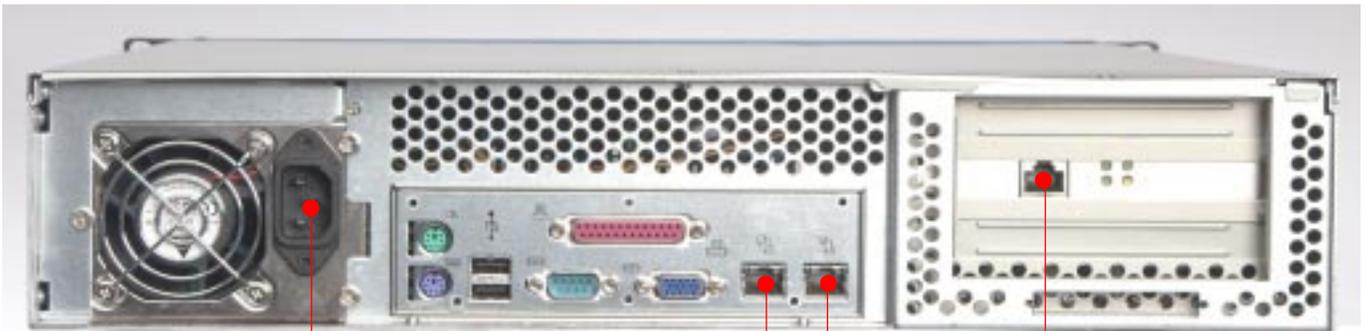
## Front View



- Control panel
- Display panel
- Enter button
- Cancel button
- Direction arrows
- Power button



## Back View



Power Socket

Ethernet Port 1

Ethernet Port 2

Ethernet Port 0



# Step I CHECKING YOUR NET INTEGRATOR COMPONENTS

Your Net Integrator package should contain the following:

1. Net Integrator
2. Power cord
3. Category 5 Ethernet cables (3)
4. Hard Disk Keys (2) - Lite/Mark I/ Mark II  
or Face Plate Keys (2) - Mark III R
5. Rails (2) - Mark III R only
6. Net Integrator User Manual CD
7. Quick Start Guide





# Step 2

## CONNECTING YOUR NET INTEGRATOR

Skip (D) and (E) if your office is already connected to the Internet.

### A Ensure that the Net Integrator has adequate ventilation.

Place the back of the unit at least one to two feet (12"-24") away from the wall.

### B

#### To plug in the Net Integrator:

- i. Connect one end of the power cord into the power socket (located on the back of the Net Integrator).
- ii. Connect the other end of the power cord into a standard 115 Volt AC (North America) or 220/240 Volt AC (Europe) power outlet.



### C

#### To connect to your Local Area Network (LAN):

- i. Connect one end of a category 5 or higher Ethernet cable into *Ethernet Port 0* (located on the back of the Net Integrator).
- ii. Connect the other end of the cable into your Ethernet hub.





Skip (D) and (E) if your office is already connected to the Internet.

**D**

**If you are using a high-speed cable modem or a DSL modem:**

- i. Connect one end of a 10baseT Ethernet cable into *Ethernet Port 1* (located on the back of the Net Integrator).
- ii. Connect the other end of the cable into your cable modem or DSL modem.

**E**

**Turn on the main power switch (located on the back of Lite, Mark I and Mark II Net Integrator models, and on the front of the Mark III R Net Integrator model).**

**F**

**Wait two or three minutes as the Net Integrator discovers its surroundings and autoconfigures an IP address. You now have three options:**

- If an automatically assigned IP address (e.g. 192.168.0.1) appears on the display panel and you wish to accept this IP address, proceed to Step 4 in this guide.
- If an automatically assigned IP address appears on the display panel and you wish to change this IP address, proceed to Step 3 in this guide.
- If, after 3 minutes, the display panel continues to read *Choosing Address*, this means the Net Integrator is unable to automatically select an IP address. Go directly to Step 3 in this guide.



# Step 3

## MANUALLY ASSIGNING AN IP ADDRESS

Proceed to Step 4 if you do not need to manually assign an IP address.

Follow these instructions if:

- the Net Integrator is unable to automatically select an IP address.
- you want to manually change the chosen IP address.

**A**

**Press the *Enter* button on the front control panel. The following menu appears on the display panel:**

MENU [Net] Info  
Dialer System

**B**

**[Net] is already selected. Press the *Enter* button. The following menu displays:**

NETWORK [IP addr]  
Netmask DHCP

**C**

**[IP addr] is already selected. Press the *Enter* button.**

The current IP address (e.g. *192.168.0.1*) displays. If the Net Integrator was unable to select an IP address, *0.0.0.0* displays.

**D**

**To change the value of the IP address\*:**

- Use the *Left* and *Right* direction arrows to move the cursor from digit to digit.
- Use the *Up* and *Down* direction arrows to increase or decrease a digit's value.
- Press the *Enter* button. The new IP address is saved.

**\*Important:** Consult your System Administrator for the correct IP address. If configuring your Internet connection for the first time, enter the following IP address: *192.168.0.1*

**E**

**Using the direction arrows, navigate to [Netmask]. Press *Enter*. The default Netmask (*255.255.255.0*) displays.**

**F**

**To change the value of the Netmask\*:**

- Use the *Left* and *Right* arrows to move the cursor from digit to digit.
- Use the *Up* and *Down* arrows to increase or decrease the value of a digit.
- Press the *Enter* button. The new Netmask is saved.

**\*Please Note:** In most circumstances, you do not need to change the default Netmask number.

**G**

**Return to the standard front panel display by pressing the *Cancel* button twice.**



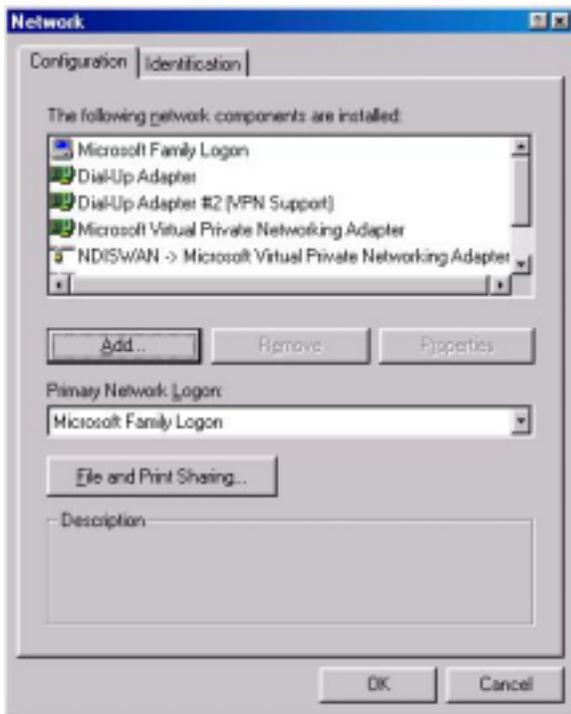
# Step 4

## CONFIGURING YOUR DESKTOP

Note: Desktop displays may vary according to Windows version and operating system.

**A** In Windows (on your workstation), select **Start > Settings > Control Panel**.

**B** Select **Network** from the list. The **Network** screen displays:



**C** If **TCP/IP** does not display in the installed components list:

- Click on the **Add** button. The **Select Network Component Type** screen displays.
- Select **Protocol** from the list. Click on the **Add** button. The **Select Network Protocol** screen displays.

- Select **Microsoft** in the **Manufacturers** section of the screen. Select **TCP/IP** in the **Network Protocols** section of the screen. Click on the **OK** button. **TCP/IP** should now display on the **Network** screen.

**D** Select **TCP/IP** from the installed components list on the **Network** screen. Click on the **Properties** button. The **TCP/IP Properties** screen displays.

**E** Click on the **IP Address** tab. Select **Obtain an IP address automatically**.

**F** To configure **DNS** settings:

- Click on the **DNS** tab. Select **Enable DNS**.
- Select all entries in the **DNS Server Search Order** section of the screen and click on the **Remove** button.
- Select all entries in the **Domain Suffix Search Order** section of the screen and click on the **Remove** button.
- Select **Disable DNS**.

**G** Click on the **Gateway** tab. Select any entries in the **Installed gateways** section of the screen and click on the **Remove** button.

**H** Click on the **WINS Configuration** tab. Select all entries in the **WINS Server Search Order** section of the screen and click on the **Remove** button. Select **Use DHCP for WINS Resolution**.

**I** Click on the **OK** button.

**J** Reboot your computer.



# Step 5

## CONNECTING TO WEBCONFIG

**A** Open an Internet browser on your workstation. Newer versions of Netscape or Microsoft browsers are recommended.

**B** Read the IP address on the Net Integrator's display panel. For demonstration purposes, we will use the following IP address: *192.168.0.1*

**C** Type `http://192.168.0.1:8042` into the browser's address bar. Press **Enter** on your keyboard. The **Create Administrator Account** page displays:

**Create Administrator Account**

Before you can use your Net Integrator, you must create an Administrator Account for yourself. Don't forget your password!

Create Administrator	
User ID:	<input type="text" value="root"/>
Full Name:	<input type="text" value="System Administrator"/>
Password:	<input type="password"/>
Re-enter Password:	<input type="password"/>
Your Domain Name:	<input type="text" value="webnet.net"/>
Reserve last disk for idb backups:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**D** Type in the following information:

- i. a User ID. The default User ID is *root* - you can use this name or you can create a new User ID by typing over the existing text.
- ii. the administrator's full name.
- iii. a password. Retype the password to ensure it was typed properly.
- iv. your organization's registered Internet domain name (e.g. *example.com*). If you do not have a registered domain name, leave the default domain name.

**E** Select **Yes** if you want to reserve a disk for idb backup. Select **No** if you want to use all available disks for a RAID array. Refer to *Chapter 21: Disk Management* in the manual for more information.

**F** Click on the **Save Changes** button. The **Administrator Account Created** page displays.

**G** Click on the **Log in** button.

**H** The **Enter Network Password** window displays. Enter your username and password. Click on the **OK** button. **WebConfig's System Status** page displays:

**SYSTEM STATUS SNAPSHOT** averaged over 5 minutes:

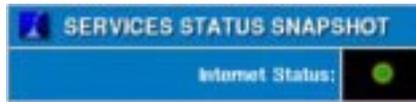
CPU Utilization:	11%	<input type="text" value="0"/>	<input type="text" value="100"/>
Ethernet 0:	3.0 Kbit/sec	<input type="text" value="0"/>	<input type="text" value="100"/>
Ethernet 1:	No traffic -- check cabled	<input type="text" value="0"/>	<input type="text" value="100"/>
Ethernet 2:	No traffic -- check cabled	<input type="text" value="0"/>	<input type="text" value="100"/>
PPP (ASK):	8.0 Kbit/sec	<input type="text" value="0"/>	<input type="text" value="100"/>
Disk Load:	232.0 Kbit/sec	<input type="text" value="0"/>	<input type="text" value="100"/>
Disk Space Used:	1%	<input type="text" value="0"/>	<input type="text" value="100"/>

**SERVICES STATUS SNAPSHOT**

Internet Status:	<input checked="" type="checkbox"/>	1 A. Modem - not configured 1 B. 192.168.12.10 - redirect on eth0, via 192.168.12.1
Firewall:	<input type="checkbox"/>	No direct internet connection. Firewall disabled.
VIM Tarballs:	<input type="checkbox"/>	Not Enabled.
ShellUpload:	<input type="checkbox"/>	Off.
Disk Status:	<input checked="" type="checkbox"/>	The primary disk is in standby mode. If you remove the disk, you will lose access to your files. Disk #2 is being used for Intelligent Disk Backup (IDB).
Web Mail:	<input checked="" type="checkbox"/>	Available at: <a href="http://192.168.12.10/webmail">http://192.168.12.10/webmail</a>
DNS Server:	<input checked="" type="checkbox"/>	Serving local network only.
Fast Forward:	<input checked="" type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>
PPTP Server:	<input type="checkbox"/>	Not enabled. CPU Load: <input type="text" value="0"/>
NW7 Server:	<input checked="" type="checkbox"/>	1 Session. CPU Load: <input type="text" value="0"/>
Secure NW7 Server:	<input checked="" type="checkbox"/>	1 Session. CPU Load: <input type="text" value="0"/>
Windows File Server:	<input type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>
Apple File Server:	<input checked="" type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>
MS File Server:	<input type="checkbox"/>	Not enabled. CPU Load: <input type="text" value="0"/>
FTP Server:	<input checked="" type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>
IMAP Mail Server:	<input checked="" type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>
POP Mail Server:	<input checked="" type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>
LDAP Directory Server:	<input checked="" type="checkbox"/>	0 Sessions. CPU Load: <input type="text" value="0"/>



# Step 6 CONFIGURING YOUR INTERNET CONNECTION



If the *Internet Status* option on the *System Status* page has a green light, you do not have to perform these steps.

## I. CABLE MODEM or DSL MODEM (not requiring PPPoE protocol)

If your cable modem or DSL modem does not configure automatically (i.e. the *Internet Status* option does not have a green light), refer to *Advanced Network Settings* in Chapter 3 of the Net Integrator User Manual for information on how to set up an IP address and default gateway using data provided by your Internet Service Provider (ISP).

## II. LEASED LINE CONNECTION

Please refer to *Configuring a Leased Line Connection* in Chapter 3 of the Net Integrator User Manual for full instructions.

## III. DSL MODEM (requiring PPPoE protocol)

- A** From the *Network Setup* menu on the *System Status* page, select *Dial-up*.
- B** The *Dial-up Networking Setup* page displays. Click on the appropriate *ADSL Action* button.
- C** On the screen that displays:
  - i. type in your account user name (provided by your ISP).
  - ii. type in your account password. Retype this password to ensure it was typed properly.
  - iii. select *Yes* to enable the DSL connection.
- D** Click the *Save Changes* button.

For further details, please consult your User Manual.



## Net Integrator Technical Support

Net Integration Technologies' toll-free technical support line:  
1-86-NET-ITECH (1-866-384-8324)

Outside of North America call 905-946-1777

Hours of operation: 8:30 am to 5:30 pm EST, Monday to Friday

Email support questions to [support@net-itech.com](mailto:support@net-itech.com).

