

USG II™ Quick Start

31355 Agoura Road
 Westlake Village, CA 91361
 +1.818.597.1500 (tel)
 +1.818.597.1502 (fax)

This document provides instructions and reference material for getting started with the Nomadix Universal Subscriber Gateway II™ (USG II) product. If you have any problems, please contact our technical support team at +1.818.575.2590, or email: support@nomadix.com.

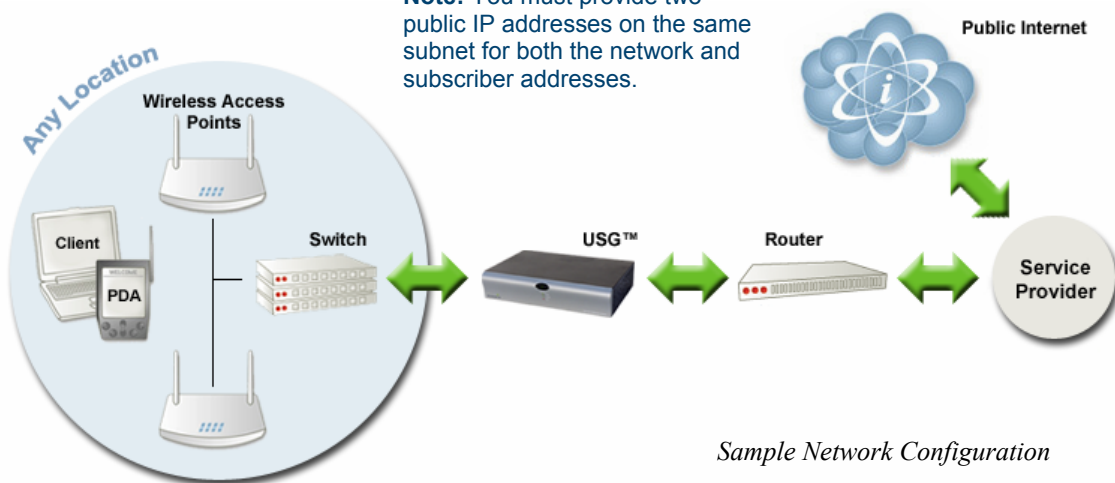
Start Here

1. Unpack the USG II and place the product on a flat and stable work surface.
2. Connect the power cord.
3. Connect the DB9 male-to-female serial cable (6ft. length) between the product's "serial port" and your computer.
4. Power up your computer and turn on the product.
5. Start a HyperTerminal session to communicate with the USG II via the product's serial interface. Use the following configuration settings for your session:

Bits per Second	Data Bits	Parity	Stop Bits	Flow Control
9600	8	None	1	None

6. Log in to the Command Line interface:
 The default for both the Username and Password is **admin**.
7. Go to the "Quick Configuration" section on the next page and configure the USG II for your network.

Note: You must provide two public IP addresses on the same subnet for both the network and subscriber addresses.



Sample Network Configuration

USG II Quick Start (cont'd)

Quick Configuration

Step 1: Entering Your IP Address Information

Note: The network side of the USG II must be connected to a live network that can access the Internet or you will not be able to receive the License Key from our server (Step 4).

IP Address	Your Settings	Examples
Network IP Address		100.100.100.2
Subscriber IP Address		100.100.100.3
Subnet Mask		255.255.255.0
Default Gateway		100.100.100.1

Step 2: Entering Your DNS Information

DNS Parameter	Your Settings	Examples
Domain Name		nomadix.com
Host Name (<i>no spaces</i>)		usg
Primary DNS Server (<i>mandatory</i>)		100.100.100.4
Secondary DNS Server (<i>optional</i>)		0.0.0.0
Tertiary DNS Server (<i>optional</i>)		0.0.0.0

Sample Screen Responses

IP Addresses

```

USG
Login: admin
Password: ****
NO LICENSE KEY HAS BEEN ENTERED. A LICENSE KEY MUST BE ENTERED
IN ORDER TO PROCEED WITH INSTALLATION.
SEE USER'S GUIDE FOR LICENSE KEY INFORMATION.

INSTALLATION WILL NOW TRY TO CONTACT THE NOMADIX LICENSE KEY SERVER.
IN ORDER TO PROCEED, THE USG MUST BE ABLE TO CONNECT TO THE INTERNET.
DO YOU WANT TO CONFIGURE THE USG'S IP AND DNS SETTINGS? [yes/no]: y

Enter network interface IP [10.0.0.10 ]: 100.100.100.2
Enter subscriber interface IP [10.0.0.11 ]: 100.100.100.3
Enter subnet mask [255.255.255.0 ]: 255.255.255.0
Enter default gateway IP [10.0.0.1 ]: 100.100.100.1

```

DNS Parameters

```

Enter domain [nomadix.com ]:
Enter host name (no spaces) [usg ]:
Enter primary DNS [0.0.0.0 ]: 100.100.100.4
Enter secondary DNS [0.0.0.0 ]:
Enter tertiary DNS [0.0.0.0 ]:
The system must be rebooted to function properly.
Reboot? [yes/no]: y
Rebooting...
Network interface IP 100.100.100.2
Subscriber interface IP 100.100.100.3
Subnet mask 255.255.255.0
Default gateway IP 100.100.100.1
Domain nomadix.com
Host Name usg
Primary DNS 100.100.100.4
Secondary DNS 0.0.0.0
Tertiary DNS 0.0.0.0
Rebooting ...

```

USG II Quick Start (cont'd)

Step 3: Entering Your Location Information

Location Information	Your Settings	Examples
Company Name		tech support
Address (2 lines)		123 main street
City (mandatory)		anywhere
State (optional)		ca
Zip (optional)		10000
Country		USA
Email Address		you@yours.com

Step 4: Retrieving Your License Key

When you have entered your IP Addresses, DNS and Location information, the system prompts you to accept or decline the terms of the USG II product End User License Agreement (EULA). You must accept the terms of the EULA before the USG II can retrieve your License Key.

To retrieve your License Key, enter **y**[es] at the prompt.

The USG II retrieves your License Key from the Nomadix License Key Server, then reboots.

Sample Screen Responses

Location Information

```
NO LICENSE KEY HAS BEEN ENTERED. A LICENSE KEY MUST BE
ENTERED IN ORDER TO PROCEED WITH INSTALLATION. SEE USER'S
GUIDE FOR LICENSE KEY INFORMATION. INSTALLATION WILL NOW
TRY TO CONTACT THE NOMADIX LICENSE KEY SERVER. IN ORDER
TO PROCEED, THE USG MUST BE ABLE TO CONNECT TO THE
INTERNET. DO YOU WANT TO CONFIGURE THE USG'S IP AND DNS
SETTINGS? [yes/no]: n
```

```
Please enter your company name [      ]: tech support
Please enter your Address (Line 1) [      ]: 123 main street
      (Line 2) [      ]:
      (City) [      ]: anywhere
      (State) [      ]: ca
      (Zip) [      ]:
      (Country) [      ]:
```

```
Please enter your email address [      ]:
```

License Key

```
PLEASE READ THE UNIVERSAL SUBSCRIBER GATEWAY™
(USG™) PRODUCT SOFTWARE END USER LICENSE AGREEMENT
(AGREEMENT) INCLUDED WITH THE USG™. BY USING THIS
SOFTWARE, YOU INDICATE YOUR ACCEPTANCE OF THE AGREEMENT.
I AGREE TO THE TERMS AND CONDITIONS OF THE END USER
LICENSE AGREEMENT
```

```
(Y)ES      (N)O
```

```
y
```

```
The USG will now try to contact the Nomadix License Key Server.
Please wait...
Received key from License Key Server.
If the license key is successfully processed the USG will reboot...
```

USG II Quick Start (cont'd)

Step 5: Establishing Your DHCP Services

DHCP Parameter	Your Settings	Examples
DHCP Relay <i>(Yes / No)</i> <i>If No, skip to DHCP Server</i>		no
DHCP Relay Server IP Address		blank
DHCP Server <i>(Yes / No)</i> <i>Only if the DHCP Relay is disabled</i>		yes
DHCP Server IP Address		10.0.0.2
DHCP Server Subnet Mask		255.255.255.0
DHCP Pool Start IP Address		10.0.0.3
DHCP Pool End IP Address		10.0.0.100
DHCP Lease Minutes		1440

Step 6: Configuring the System

Log in to the USG II and use the graphical Web Management Interface (WMI) to configure the product's features. You have now established a basic configuration for the USG II that enables "Plug and Play" Internet connectivity.

For additional information about the available USG II features, refer to Chapter 2 of the USG II User's Guide (P/N 200-1000-002-F). For example:

- ❑ To establish various billing and authentication methods, see *Defining the AAA Services*.
- ❑ To establish hotel billing, see *Assigning a PMS Service*.