



Big Pipe BP 400 NAU Module

Configuration Database Backup Application Guide

Guide Showing How to Save the Configuration Database

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1 Purpose of this Document

The purpose of this document is to describe how to save the configuration database stored in the Big Pipe BP 400 NAU module.

2 Tools / Items Needed

- Personal Computer with Internet Navigation Software Installed
- Cross-Over RJ-45 Cable

3 Estimated Setup Time

Providing that you have the tools listed above, it will take approximately 10 minutes to complete the setup for to save the configuration database stored in the Big Pipe BP 400 NAU module.



4 Connecting a Personal Computer to the Multiplexer

The Craft Port on the Multiplexer may be used to monitor and change its parameters. The Craft I.P. address of the unit is usually labeled on the Multiplexer. The Subnet Mask is always 255.255.255.0.

Step 1 – Connect a personal computer to the Multiplexer. If connecting directly to the Multiplexer, a crossover cable is required. If connecting through a switch or a hub, a straight through cable is needed.



Figure 1 – Connecting to the Multiplexer Craft Port

Step 2 – In order to establish communication between the PC and the Multiplexer, the PC has to be configured in the same I.P. address family as labeled on the front of the Multiplexer or 10.0.0.1 which will always allow you to connect.

On the PC go to **Start -> All Programs -> Accessories -> Communications -> Network Connections**. Next, select the **Local Area Connection** icon, then select **Properties** and the menu on the left will appear.

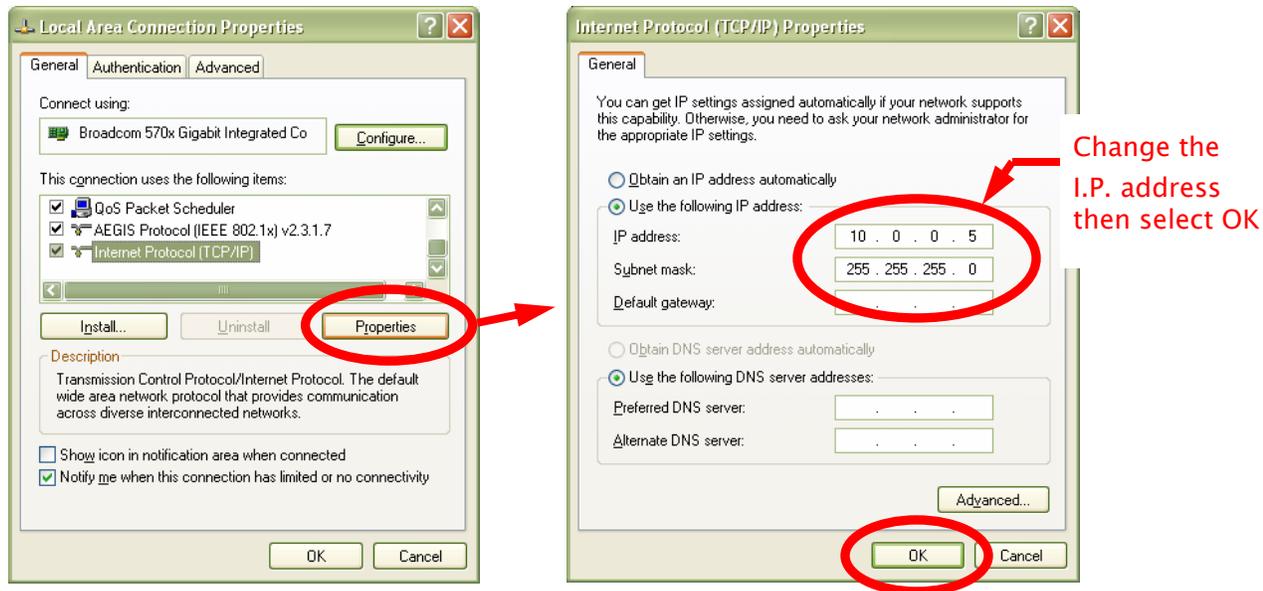


Figure 2 – Configure the I.P. Address of the Personal Computer

Step 3 – In an Internet Explorer address bar, depending on which you set up your PC in Step 2, enter either the I.P. address labeled on the front of the Multiplexer or 10.0.0.1.



Figure 3 – Accessing the Multiplexer through Internet Explorer

Step 4 – To login with administrative permissions, enter the following **User Name** and **Password** and then select **Login**.

User Name = default

Password = welcome

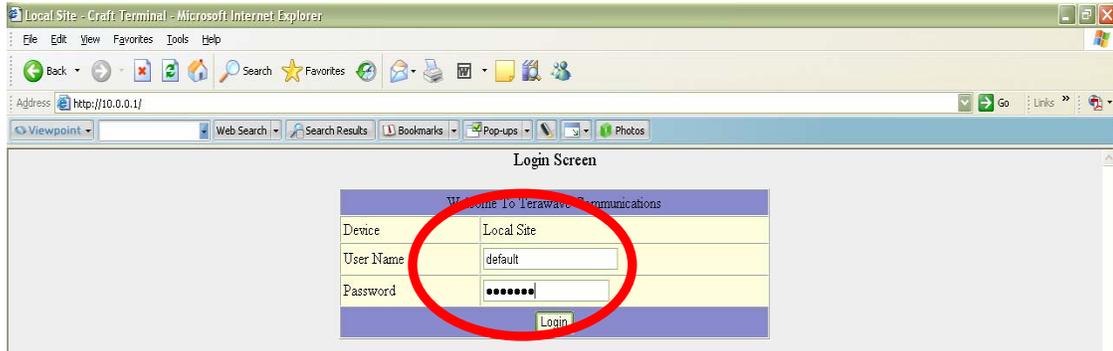


Figure 4 – User Login Menu



5 Save the Configuration File

The purpose of this section is to detail the process of saving a Config. File.

Step 1 – In the System Operation area of the Big Pipe home page, click on the Config button. (See Figure 5 Item 1). This will bring up the System Configuration Screen.

Step 2 – In the System Configuration Screen, click on Cfg Data. (See Figure 5 Item 2).

The screenshot shows the Terawave Communications Studio Frame 1 interface. It is divided into several sections:

- Shelf View:** A table with columns Slot, Provisioned, and Equipped.

Slot	Provisioned	Equipped
3	NAU/DS3-Trunk	NAU/DS3
2	ASIM/IN	ASIM/IN
1	ASIM/IN	no_card
- System Operation:** A section with buttons for Config, Info, Clock, Browse, Alarm, Alm Cfg, Bridge, and ATM Trfc. A Logout button is also present. Below these buttons, the user information is displayed:

User Name : default
Access Level : Administrator
Login Time : 08:59:25 10/9/2006
- Card View:** A table with columns Slot, Provisioned, Equipped, SW Version, HW Revision, Serial, Oper State, and Admin State.

Slot	Provisioned	Equipped	SW Version	HW Revision	Serial	Oper State	Admin State
1	ASIM/IN	no_card	00.00.00	n/a	# 0	removed	is
- System Configuration:** A section with a table of parameters and their values.

Parameter Name	Parameter Value	Parameter Name	Parameter Value
Craft IP Address	10.2.4.41	Shelf Type	TW400
Craft IP NetMask	255.255.255.0	Model	0001
System Default IP Gateway	10.2.4.1	SW Version	05.02.20
System Time	09:00:00 10/9/2006	Time Zone	CST
Daisy Level	0	Trap Source IP Address	10.2.4.41
PHY Address	00.30.fc.09.70.80	Reset PHY Transmitter	no
Enable/Disable TCP/UDP Port Filter	disable	Enabled TCP/UDP Port List (p1-p2,p3)	

Figure 5 – Config Screen

1

2

Step 3 – This will bring up the Configuration Database Backup/Restoration Screen. In the Active Container click on Backup. (See Figure 6 Item 3).

Terawave Communications Studio Frame 1

Shelf View

Slot	Provisioned	Equipped
3	NAU/DS3-Trunk	NAU/DS3
2	ASIM/IN	ASIM/IN
1	ASIM/IN	no_card

Submit Refresh

System Operation

Config Info Clock Browse

Alarm Alm Cfg Bridge ATM Trfc

Logout

User Name : default
Access Level : Administrator
Login Time : 08:59:25 10/9/2006

Card View

Slot	Provisioned	Equipped	SW Version	HW Revision	Serial	Oper State	Admin State
1	ASIM/IN	no_card	00.00.00	n/a	# 0	removed	is

Reset Crd Cfg

AES_IN_1 Audio Cfg SVC Cfg CSB

Configuration Database Backup/Restoration

Parameter Name	Parameter Value	Backup
Active Container	Container_0 Status: Active Is_committed : Yes Shelf_type: TW400 Card_name : NAU/DS3 Software_version_created_this_container: 05.02.20 Downloaded_at: Never downloaded	Backup
Standby Container	Container_1 Status: Ready Is_committed : No Shelf_type: TW400 Card_name : NAU/DS3 Software_version_created_this_container: 05.02.17 Downloaded_at: 10:41:40 10/6/2006	Backup

Restore Commit Switch Refresh

Status Welcome To Terawave Communications

3

Figure 6 – Backup Screen



Step 4 – This will bring up the File Download narrative asking where to save this file. Click on the Save button. (See Figure 7 Item 4.)

The screenshot displays the Terawave Communications interface. A central dialog box titled "File Download - Security Warning" is open, asking "Do you want to save this file?". The dialog provides the following information: Name: NMS0, Type: Unknown File Type, 67.9 KB, and From: 10.0.0.1. There are "Save" and "Cancel" buttons. A red arrow points to the "Save" button. The background interface includes a "Shelf View" table with columns for Slot, Provisioned, and Equipped. The "Card View" table has columns for Slot, Provisioned, Equipped, SW Version, HW Revision, Serial, Oper State, and Admin State. The "System Operation" section includes buttons for Config, Info, Clock, Browse, Alarm, Alm Cfg, Bridge, and ATM Trfc. The user information shows: User Name: default, Access Level: Administrator, Login Time: 08:59:25 10/9/2006.

Figure 7 – Save Screen

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Step 5 – Choose a directory or file where you want to save the file, give the file a name, such as BigPipeStudioSite or BigPipeTransmitterSite and click on the Save button. (See Figure 8 Item 5.)

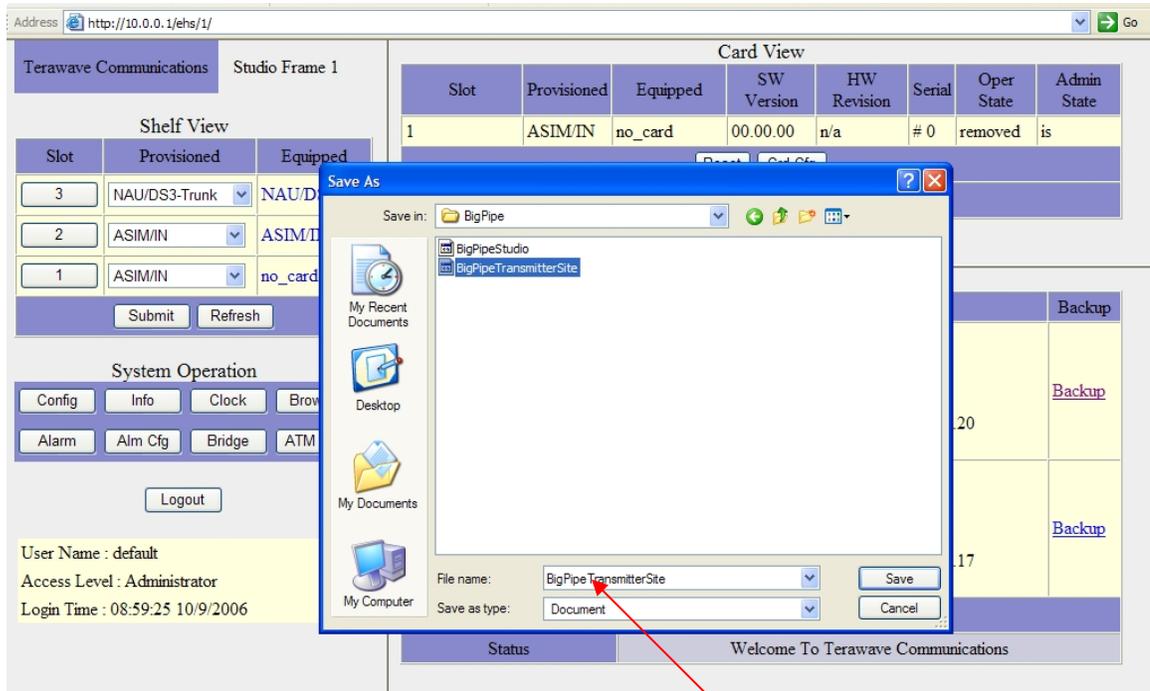


Figure 8 – Choose Filename

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6 RF Customer Service Contact Information

RF Customer Service –

Telephone: (217) 224-9617

E-Mail: rfservice@bdcast.com

Fax: (217) 224-9607

