

Verification

When delivery is complete, follow these steps to verify that it was successful.

- 1 From the ISD main menu, select Display Increments.
The display option window appears.
- 2 Select Display to Screen.
A list of NE numbers and the current status for every NE in the span of control appears.
- 3 Verify that the list matches the Release Notes under the Display section.
Note: The NE numbers may be different.
- 4 Press any key to return to the main menu.
Proceed with Application below.

Application

When verification is complete, follow these steps to apply the increment.

- 1 From the ISD main menu, select Apply an Increment.
A list of increments appears.
- 2 In the list, select the number next to the increment you delivered (for example, ACN00N16).
The application option window appears.
- 3 Select one of these options:
 - 1 Apply to ALL NEs (to set the increment fully into the system)
 - 2 Trial on one NE (to test the increment to ensure that it causes no problems)
If you select option 2, a list of NEs in the span of control appears. From the list of NEs, select the number next to the one you want to test. A confirmation screen appears.
- 4 Type **y** to verify your selection.
The In-Progress screen appears, followed by the Summary screen.
- 5 When the application is complete, press any key to scroll through the Summary screens until you return to the main menu.
- 6 From the main menu, select Display Increments.
The Display Increments screen appears.
- 7 Select Display to Screen.
A list of NEs appears.
- 8 Verify that the status next to each NE now reads "APPLIED" (or "TRIAL APPLIED" if you chose to run a test in step 3 above).

For technical assistance, call 1-800-ASK ETAS.



AccessNode Incremental Software Delivery Quick Reference Card

P0904353 • Issue 1.0 • June 1999

This document describes the procedure for transferring software increments from the internet or PC to your OPC. You can transfer an increment using several procedures, depending on available configurations. Follow only the procedures that apply to you. If you have any questions regarding the procedures outlined on this card, refer to the reference materials supplied by your equipment manufacturer or contact your next level of support.

For a description of the OPC Incremental Software Delivery (ISD) tool, refer to *OPC User Interface Description*, 323-3001-301, in *Operations, Administration, and Provisioning*, Volume 4A.



CAUTION Risk of fire

Do not store this Quick Reference Card (or any paper materials) in the AccessNode cabinet. AccessNode components generate heat while in operation. Discard card or store elsewhere for later use.

Acquiring an increment from the internet

Follow these steps to retrieve a software increment onto either the Integrated Network Management (INM) platform or your PC.

- 1 Connect to a selected internet service provider (ISP).
- 2 Launch your internet browser software.
- 3 Navigate to this URL:
<https://www5.nortel.com/ACCESSNETWORKS/isd>
Note: You must be a registered user with a NAIL certificate. To get one, call 1-877-758-8145 or send email to ebiz@nortelnetworks.com.
- 4 Select Software Delivery.
- 5 Under Downloads, click Incremental Software.
- 6 Under AccessNode Releases, click the appropriate release.
The screen displays a list of increments.
- 7 Click the desired increment name.

Acquiring an increment from the internet (continued)

- 8 Click Release Notes to see a detailed description of the increment.
- 9 Click Download and follow the instructions to download the increment to the location of your choice.
Your browser transfers the increment to your computer. You can now transfer the increment to a location on the desired OPC using one of the following procedures.

Transferring an increment using a tape

Follow these steps to make your own tape if your OPC is not otherwise accessible.

- 1 Ensure that a digital audio tape (DAT) drive recorder is present on your computer and is functioning properly.
- 2 Insert a tape in the computer DAT drive.
- 3 Following the DAT manufacturer's instructions, copy a software increment onto the tape.
- 4 Insert the tape into the OPC tape drive.
You are ready to deliver the increment to the ISD system. Proceed with Delivery on the next page.

Transferring an increment using FTP on Win95

Follow these steps to transfer an increment from a Windows 95 computer to your OPC using FTP. (This procedure requires an ethernet connection to the OPC.)

- 1 Click on the Start button and then on Run.
- 2 In the Open box, type:
ftp <OPC IP address>
Example: ftp 47.223.128.63
The computer connects to the OPC.
- 3 Click OK or press Enter.
- 4 At the ftp prompt, enter your login and password. (Your username must have root privileges.)
- 5 At the ftp prompt, type:
lcd <directory>
where <directory> is the directory on the local machine where the increment is stored.
The computer changes to the specified local directory.
- 6 At the ftp prompt, type **cd /iswd**.
The OPC changes to the /iswd directory.
- 7 At the ftp prompt, type **bin**.
This command changes the transfer mechanics to binary format.
- 8 At the ftp prompt, type:
put <increment>
where <increment> is the increment name (for example, ACN03N16.tar).
The computer transfers the increment to the OPC.

Transferring an increment using FTP on Win95 (continued)

- 9 At the ftp prompt, type **bye**.
The connection closes. You are ready to deliver the increment to the ISD system. Proceed with Delivery below.

Transferring an increment using a modem

Follow these steps to transfer an increment using a modem connected directly to the OPC.

- 1 Ensure that the increment has the proper filename on your computer (for example, ACN00N16.tar).
- 2 Access Hyperterminal and dial in to the OPC through the modem.
- 3 On the OPC, change to the /iswd directory.
- 4 Type **rz** to prepare the OPC to receive the increment.
- 5 On your computer, select Transfer from the Hyperterminal menu bar.
The Transfer menu appears.
- 6 Select Send Files.
The Send Files window appears.
- 7 Using the Browse button near the first box, find the filename you want to use (for example, AN00N16.tar) and select it.
In the second box, select Zmodem for the protocol and then click OK.
A progress dialog appears while the file is being transferred. When the transfer is complete, the OPC returns to a prompt.
- 8 Type **ls** to compile a directory listing.
The transferred file should appear in the list.
- 9 Type **mv acn00n16.tar ACN00N16.tar** to change the filename to uppercase.
You are ready to deliver the increment to the ISD system. Proceed with Delivery below.

Delivery

When you have successfully transferred the software increment, follow these steps to deliver it to the ISD system.

- 1 On the OPC in the Software Admin toolset, select Incremental SW Del.
The ISD main menu appears.
- 2 Select Deliver an Increment.
The delivery option window appears.
- 3 If you placed a tape in the drive, select Deliver from Tape; otherwise, select Deliver from Disk.
A confirmation screen appears.
- 4 Type **y** to verify your selection.
Updates appear as delivery progresses. When delivery is complete, the main menu appears. Proceed with Verification on the next page.