

9161 Single T1 Network Access Module (NAM) to 9261 Dual T1 NAM Upgrade Instructions

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Package Checklist

Verify that your upgrade package contains the following:

- 9261 front panel overlay
- NAM I/O card (labeled either 9261 or DUAL T1 NAM)
- Jumper
- Software diskette
- T1 Network Interface Cable
- 9261 Dual T1 Network Access Module (NAM), Installation Instructions* (Document No. 9261-A2-GN10)
- Model 916x/926x T1 Network Access Mux, Technical Reference* (Document No. 9161-A3-GH30) on diskettes

Things to Know Before Performing an Upgrade

- You do not need to power down the T1 access unit.
- All of your configuration option settings will remain intact.
- Network 2 will be set to the factory default options.
- Any cross connections that you have assigned to the DSX-1 interface will now be assigned to the Network 2 interface.
- If there is a port-to-port assignment, it will be reduced to a maximum of 16 DS0s once you have finished your upgrade.

Tools Required

- A small Phillips screwdriver (#1 or #2) to uninstall/install the T1 NAM
- A small, flat-blade screwdriver to uninstall/install the:
 - I/O card
 - Cable connections

Recommended Order of Upgrade Installation

⚠ HANDLING PRECAUTIONS FOR STATIC-SENSITIVE DEVICES



This product is designed to protect sensitive components from damage due to electrostatic discharge (ESD) during normal operation. When performing installation procedures, however, take proper static control precautions to prevent damage to equipment. If you are not sure of the proper static control precautions, contact your nearest sales or service representative.

1. First, replace the I/O card. Refer to *Removing/Replacing the I/O Card* in the *9261 Dual T1 Network Access Module (NAM), Installation Instructions*.
2. Connect both the Network 1 and Network 2 interfaces to the T1 network (a second T1 Network Interface cable is provided in the upgrade package). Refer to *Connecting to the Network* in the *9261 Dual T1 Network Access Module (NAM), Installation Instructions*.
3. If required, remove the T1 NAM and install the jumper provided on the pins labeled E8 on the NAM numbered 870-2013, or E3 on the NAM numbered 870-2611. See *Removing/Replacing the NAM* in the *9261 Dual T1 Network Access Module (NAM), Installation Instructions*. You may have to slightly spread the prongs to ensure that good contact is made.

If you have this NAM . . .	And this I/O . . .	Then you . . .
870-2013-xxxx	9261	Must install the E8 jumper.
	DUAL T1 NAM	
870-2611-xxxx	9261	Must install the E3 jumper.
	DUAL T1 NAM	Do <i>not</i> need to install the E3 jumper.

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4. Place the 9261 Dual T1 NAM overlay over the 9161 Single T1 NAM overlay on the front of the card.
 5. Reinstall the T1 NAM.
 6. Use the software diskette provided to download the new software to your 926x T1 Access Unit. Refer to *Downloading Software, File Transfer, and Performing an Upgrade* in Chapter 8, *Operation and Maintenance* of the Technical Reference.

NOTE:

If you maintain a backup copy of your configuration files, you should upload a new backup copy of your configuration from the T1 access unit when you upgrade to a new release of software. Refer to *Backing Up Your Configuration* in Chapter 8, *Operation and Maintenance* of the Technical Reference.