

Option 11C Installer's Checklist

P0911124

NOTE: This document is pertinent for Option 11C on Release 24.24

CAUTION

Upgrades from Release 22 or 23

When upgrading from **Release 22 or 23 to Release 24 or higher**, you **MUST** use the SYSLOAD method of upgrading described in the Option 11C Release 22 or 23 NTPs (either the Upgrade Procedures or the Software Installation Program Guide). Upgrading from Release 22 or 23 to a higher Release cannot be achieved properly using the UPGRADE command.

When using the SYSLOAD method, service on the entire system is typically disrupted for 20 to 30 minutes.

NEW - Software daughterboard change - NTTK13AA

In preparation for the upcoming release 25, the release 24.24 software load is now being provided on an NTTK13AA blank daughterboard instead of an NTDK81 card. The NTTK13AA is a 48 Meg card that is split into 32 Meg of program store and 16 Meg of C:Drive. This card is only backward compatible to 24.24. The installation of the card is the same as with the NTDK81. If you are upgrading from an NTDK21 card, please ensure that you have the latest bootcode from your release 24.24 PCMCIA card. (see Upgrade NTP).

Before starting make sure you have the following:

BASIC SYSTEM

- NTDK20 SSC Card
- Security Device
- Software Daughterboard (NTDK81 or NTTK13)
- Keycode Datasheet

The following three guides from the Option 11C NTP suite may be needed to complete installation:

- Option 11C Planning and Installation Guide
- Option 11C Upgrade Procedures Guide

INSTALLING THE FOURTH OR FIFTH CABINET (24.24 and later)

There are new hardware components required in order to expand the Line Size of the Option 11C to a 4th or 5th cabinet Please review the NTPs for new installation/upgrade steps.

INSTALLING FIBRE EXPANSION CABINET(S)

The following may be required:

- NTDK23 or NTDK25 Fibre Receiver Pack(s)
- NTDK84 or NTDK85 New Fibre Receiver Pack if equipping a 4th or 5th cabinet(s) (24.24 and later)
- Fibre Cable(s)
- NTDK22 or NTDK24 Fibre Daughterboard(s)
- Fibre Mounting Guides

SYSTEM UPGRADE FROM OPTION 11 or 11E

The following two methods can be used to extract customer data from Option 11/11E software cartridge:

- PC with the Option 11/11E data stored in a CCBR file, or
- NTDK30 Database Upgrade Tool

SOFTWARE UPGRADE ON OPTION 11C

The following is required:

- Software on PCMCIA card and new keycodes

NEW - WEBSITE FOR SOFTWARE DOWNLOAD

Please be aware of the new website for the Option 11C software download. The new site is located at: www.nortelnetworks.com/ You will need to register when accessing this site.

REMINDER NOTES

● ***IMPORTANT: Ensure that the NTDK20 SSC card is on a FLAT SURFACE before installing Software Daughterboard and Security Device! DAMAGE MAY RESULT if this is done with the SSC card still in the box!***

- If you are installing NTDK26 Backwards Compatible Daughterboard on the SSC card, jumper J7 must be removed prior to installing the card.
- Set the baud rate for Port 0 of the SSC card, using the dipswitch on the SSC card faceplate. **Port 0 is the only SDI port that can be used for software installations and upgrades.**
- After successful install of 11C make sure that Port 0 of SSC card is configured as a Maintenance Terminal/TTY. This is required for future software upgrades.
- If upgrading from an Option 11E multi-cabinet system that has fibre connection to the expansion cabinets, it is recommended that the keycodes be validated on the main cabinet first before swapping out the expansion cabinets.

INSTALL MENU

• If installing using a Software Daughterboard for a brand new system or for an upgrade from an Option 11/11E to 11C, select Option 1.

"Basic Configuration" database option includes the following items: Directory, Configuration Record, XPECs blocks, Superloops blocks, Patch, Physical Dump Record, IMS TN Table, IMS Links No, Table, Asynch Blocks, CSL Blocks, VAS Blocks, Background TTY Blocks, Background Port ID Blocks, Aries Data Block, SYS PARAMS Block, LAPW Blocks. For a more extensive default data block, please choose "Pre-Configured Data".

• If installing using a PCMCIA card, select Option 4 for a new system or Option 2 to upgrade an Option 11/11E to Option 11C, or to upgrade Option 11C software to a new release or issue.

The data you need to enter in the INSTALL MENU is provided on the Keycode Datasheet.

• When performing new system installation, please ensure that the default AUX ID matches the AUX ID from keycode data sheet.

• If the keycodes don't work, check the following:

-software issue, feature set name and any additional packages, ISM parameters, security ID, auxiliary ID (the old site ID, if this is an upgrade), and ensure the correct keycodes were entered. All items must match the keycode sheet exactly.

If they still do not work, then call your service representative.

• The Fibre Routing Guide is mounted beneath slot 0 in the main and expansion cabinets. Use the existing screws just under card slot 0. Coil the excess fibre as per the NTP's.