



PCMCIA Flash Card User Guide

For the CoreBuilder™ 3500 System

Description The CoreBuilder™ 3500 PCMCIA Flash Card is a 20 MB flash card that you can use to save your system software.

When you have saved your system software onto the PCMCIA card, you can use the PCMCIA card to load system software onto any CoreBuilder 3500 system.

Additional cards are available from your 3Com representative.

Saving Your System Software to the PCMCIA Card

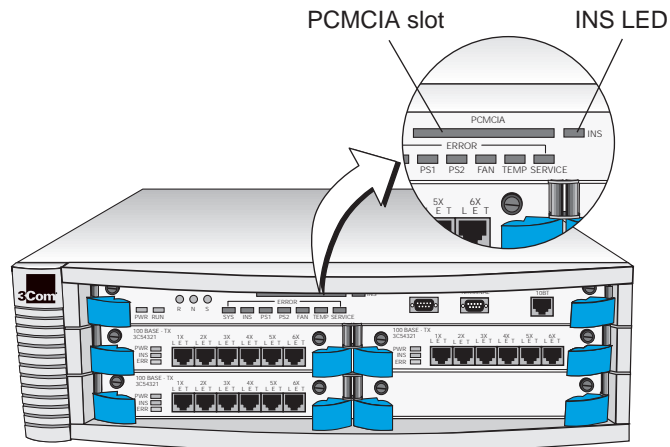


To save your system software onto the PCMCIA flash card, follow the steps in this section.

The CoreBuilder 3500 Web Management software does not support system software updates to or from the PCMCIA card. You must use the Administration Console.

- 1 Insert the PCMCIA flash card into the PCMCIA slot on the front panel of the system.

The Insert (**INS**) LED lights green when the card is inserted.



- 2 Access the system through the Administration Console at the *Administer* level.

The system prompts you for a password.

- 3 Enter the Administer-level password.

- 4 From the top level menu of the Administration Console, enter:

```
system softwareUpdate
```

The system prompts you to enter one of three sources: **network**, **system**, or **pcmcia**.

- 5 Depending on where your software resides, enter **network** or **system** or press Return or Enter to accept the default value shown in brackets [].



*If a PCMCIA card is inserted in the system and you choose **system** as the source, the system sets the PCMCIA card as the destination.*

*If the PCMCIA card is not inserted in the system, the system defaults to **network** for the source and **system** for the destination.*

If the PCMCIA card is unformatted, the system prompts you to format the card.

- 6 To format the card, enter: **y**

When the PCMCIA card is formatted, you are prompted to continue copying the system software from the source to the PCMCIA card.

- 7 To continue copying the system software, enter: **y**

- 8 Remove the PCMCIA card containing your system software.

Sample successful software save to the PCMCIA card:

```
Select menu option: system softwareUpdate
```

```
Enter source (network, system, pcmcia) [network]: system
```

```
Pcmcia card is unformatted. Format now? (n,y): y
```

```
You are about to copy from system to pcmcia. Continue?
```

```
(n,y): y
```

```
Copying operational image from system to pcmcia - total  
size: 6395 Kbytes
```

```
Copying diagnostic image from system to pcmcia - total  
size: 1087 Kbytes
```

```
Copying sysBoot image from system to pcmcia - total size:  
63 Kbytes
```

After the software has been copied successfully, the following message appears:

```
Installation completed
```

Loading Software from the PCMCIA Card

To load saved system software and configuration information from the PCMCIA card to the CoreBuilder 3500 system, follow these steps:

- 1 Insert the PCMCIA flash card into the PCMCIA slot on the front panel. The Insert (**INS**) LED lights green when the card is inserted fully.
- 2 Access the system through the Administration Console at the *Administer* level. The system prompts you for a password.
- 3 Enter the Administer-level password.
- 4 From the top level menu of the Administration Console, enter:
system softwareUpdate
The system prompts you to enter one of three sources: **network**, **system**, or **pcmcia**.
- 5 Enter **pcmcia** or press Return or Enter to accept the default value shown in brackets [].



*If a PCMCIA card is inserted in the system and you choose **pcmcia** as the source, the system sets **system** as the destination.*

The system prompts you to continue copying the system software and configuration information from the card to the system.

- 6 To continue copying the system software, enter: **y**

Sample successful software copy from the PCMCIA card:

Select menu option: **system softwareUpdate**

Enter source (network, system, pcmcia) [network]: **pcmcia**

You are about to copy from pcmcia to system. Continue?

(n,y): **y**

Copying operational image from pcmcia to system - total
size: 6395 Kbytes

Copying diagnostic image from pcmcia to system - total
size: 1087 Kbytes

Copying sysBoot image from pcmcia to system - total size:
63 Kbytes

After the software has been copied successfully, the following message appears:

Installation completed

Rebooting the System with the PCMCIA Card Inserted

One advantage of rebooting your system with the PCMCIA card inserted is that it has no effect on the system's configuration. If you restart the CoreBuilder 3500 system with the PCMCIA card inserted and the card contains valid operational images, the system uses the nonvolatile data storage on the PCMCIA card instead of system flash memory.

As a result, any system configuration changes are written to the PCMCIA card. The command **system nvData save** saves the PCMCIA nonvolatile data to a local file. The command **system nvData restore** restores nonvolatile data from a local file to the PCMCIA card.

To access the nonvolatile data stored in CoreBuilder 3500 system flash memory, reboot the system with the PCMCIA card removed. The system uses the operational image from either the system flash memory or from a local file.

See the *Command Reference Guide* and the *CoreBuilder 3500 Implementation Guide* on the Software and Documentation CD for more information on saving, restoring, and resetting nonvolatile data.

For technical support, see the Technical Support Appendix in the *CoreBuilder 3500 Getting Started Guide* or (in the USA) contact 3Com Customer Service at 1-800-876-3266, option 2.

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3Com Corporation, 5400 Bayfront Plaza, Santa Clara, CA 95052-8145 (408) 764-5000.

3Com Corporation
5400 Bayfront Plaza
Santa Clara, California
95052-8145

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