

Upgrading the Operating System

You can upgrade the OS on your TI-Nspire™ handheld using your computer and TI-Nspire™ Computer Link Software. You can also transfer the OS from one unit to another.

OS upgrade operations do not delete user documents. If there is not enough room on the receiving handheld for the upgrade, the sending handheld is notified. The only time documents can be affected by an OS installation is if the receiving handheld has a corrupted OS. In this situation, documents may be affected by OS restoration. It is a good practice to back up your important documents and folders before installing an updated operating system.

See the important information concerning batteries before performing an OS upgrade.

Important Operating System download information

It is always a good practice to install new batteries before beginning an OS download.

When in OS download mode, the Automatic Power Down™ (APD) feature does not function. If you leave your handheld in download mode for an extended time before you begin the downloading process, your batteries may become depleted. You will then need to replace the batteries with new batteries before downloading.

Where to get Operating System upgrades

For up-to-date information about available OS upgrades, check the Texas Instruments Web site at <http://education.ti.com>.

You can download an OS upgrade from the Texas Instruments Web site to a computer, and use a USB computer cable to install the OS on your TI-Nspire™ handheld.

For complete information, refer to the instructions in the chapter on TI-Nspire™ Computer Link Software.

Transferring the Operating System

To transfer the OS from unit to unit:

1. Connect the two units. (For details, see the connection instructions at the beginning of this chapter.) Any open documents on the receiving unit should be closed before the transfer begins.
2. On the sending unit, open My Documents.

Press  .

3. From the menu, select **Send OS**.

Press  .

4. On the receiving unit, the message, "You are receiving an OS Upgrade. Unsaved changes will be lost. Would you like to continue?" displays along with Yes and No response buttons. Select Yes to receive the OS upgrade.

Notes:

- If Yes is not selected within 30 seconds, the unit automatically responds with No, and the transmission is cancelled.
 - It is important to save and close all open documents before performing an OS Upgrade. Continuing with an OS Upgrade on a unit with an open, unsaved document will cause the loss of that data.
5. While the upgrade is in progress, the receiving unit displays, "Receiving OS. Do not unplug cable." The sending unit displays, "Sending OS. Do not unplug cable."
 6. After the transfer completes, the sending unit receives a completion message and can unhook the cable. On the receiving unit, the OS must be installed. This happens automatically. During the installation process, the receiving unit displays the message, "Installing OS <version number>."
 7. When the installation completes, the unit displays the following message, "OS <version number> has been installed. Handheld will now restart." The restart is initiated. If the sending unit is still attached to the cable, the successful transmission message remains displayed on that unit's screen.

Important:

- For each receiving unit, remember to back up information, as necessary, and install new batteries.
- Be sure the sending unit is on the **Send OS** screen.

OS Upgrade Messages

This section lists the information and error messages that can be displayed on units during an OS Upgrade.

Shown on:	Message and Description
Sending unit	<div data-bbox="329 274 702 493" style="border: 1px solid black; padding: 10px; text-align: center;">"Receiver does not have enough storage space. Make <xxxK> available."</div> <p data-bbox="326 517 918 697">This message displays when the receiving unit does not have enough memory available for the new OS. The space requirement is shown so you know how much memory must be cleared for the new operating system. Files can be moved to a computer for storage to free the necessary space.</p>
Sending unit	<div data-bbox="329 721 702 917" style="border: 1px solid black; padding: 10px; text-align: center;">"Receiver must change batteries before upgrading the OS."</div> <p data-bbox="326 940 918 1034">This message displays when the batteries in the receiving unit need to be replaced. Send the OS Upgrade once the batteries are replaced.</p>
Sending unit	<div data-bbox="329 1058 702 1262" style="border: 1px solid black; padding: 10px; text-align: center;">"Receiver has a newer OS and cannot load this OS." OK</div> <p data-bbox="326 1277 918 1372">This message displays when the receiving unit has a newer OS version than the one being transmitted. You cannot downgrade an OS.</p>

Shown on: **Message and Description**

Sending unit

"Upgrade not accepted by receiver."

OK

This message displays when the receiving unit refuses the upgrade.

Sending unit

"OS has been transferred.
You can now unplug."

OK

This message displays when the transfer is completed and it is safe for the sending unit to unplug the cable.

Sending unit

"Sending OS. Do not unplug cable."

This message, along with a progress bar, displays while the OS Upgrade is being transferred.

Both units

"Transfer failed. Check cable and try again."

OK

The sending and/or receiving unit is not properly connected. Reinsert the cable into each handheld, then try the transmission again.

Shown on:	Message and Description
Receiving unit	<div data-bbox="329 156 709 360" style="border: 1px solid black; padding: 10px; text-align: center;"> <p data-bbox="367 164 671 266">"You are receiving an OS Upgrade. Unsaved changes will be lost. Would you like to continue?"</p> <p data-bbox="404 290 595 313">Yes No</p> </div> <p data-bbox="326 384 919 509">This message displays when an OS Upgrade is about to begin. If you do not select Yes within 30 seconds, the system automatically responds with No.</p>
Receiving unit	<div data-bbox="329 528 709 718" style="border: 1px solid black; padding: 10px; text-align: center;"> <p data-bbox="388 545 640 603">"Receiving OS. Do not unplug cable."</p> </div> <p data-bbox="326 741 919 807">This message, along with a progress bar, displays while the OS Upgrade is being transferred.</p>
Receiving unit	<div data-bbox="329 826 706 1012" style="border: 1px solid black; padding: 10px; text-align: center;"> <p data-bbox="404 862 574 885">"Installing OS."</p> </div> <p data-bbox="326 1036 919 1121">This message displays once the transfer is completed. It is shown to keep you informed of the unit's status.</p>
Receiving unit	<div data-bbox="329 1149 706 1345" style="border: 1px solid black; padding: 10px; text-align: center;"> <p data-bbox="360 1176 647 1230">"OS has been installed. Handheld will restart."</p> <p data-bbox="505 1254 543 1277">OK</p> </div> <p data-bbox="326 1368 919 1426">This information message displays briefly before the unit automatically reboots.</p>

Shown on:**Message and Description**

Receiving unit

"Install was corrupted.
Handheld will reboot. You
will need to retry OS
upgrade."

OK

An error occurred during the transmission, and the installation was corrupted. The unit will reboot. After the reboot, reinstall the OS Upgrade.
