

INSTALLATION

This chapter describes the TextBridge Pro 96 software installation and setup procedures. Specifically, it covers these topics:

- u System configuration and performance
- u Installing and testing your scanner or other device
- u Installing the TextBridge In-Place Proofreader
- u Uninstalling TextBridge Pro

It is recommended that you read through the first two sections before proceeding with software installation. However, if you are ready to begin software installation, please turn to page 5.

SYSTEM CONFIGURATION AND PERFORMANCE

TextBridge Pro 96 operates under Windows 95 and Windows NT. Thus, your PC must have at least an Intel 80386 microprocessor.

Also, to run TextBridge Pro, your PC must have at least **eight megabytes** (8Mb) of memory (RAM) and at least **eight megabytes** (8Mb) of **virtual memory** (swap space on your hard disk). Although Windows 95 manages virtual memory, you need to make sure that your hard drive has enough free space to store the swap space that TextBridge Pro requires.

Note Refer to Appendix A of this manual or to Microsoft® Windows™ documentation for more information about virtual memory.

If you regularly intend to scan multiple-column or landscape pages of text, pages with complex layouts, or large image files, your PC should have 12 to 16Mb of RAM and 16Mb of virtual memory.

With 8Mb of memory, the minimum requirement, TextBridge Pro is more likely to use virtual memory. If you try to run TextBridge Pro with less memory, the program informs you that there is:

Not enough memory to start ICR engine.

In general, the more RAM that is available when you use TextBridge Pro, the less swapping to disk will be required during operation. As a rule of thumb, your system should have twice as much virtual memory as RAM.

Regardless of your RAM and virtual memory, a number of other system configuration choices can affect the availability of memory to TextBridge Pro, and thus can affect performance.

Following is a list of items that can affect TextBridge Pro performance:

- u **RAM disks**

If you have set up your system to use part of your extended memory as temporary file storage, called a RAM disk, this subtracts from available memory.

- u **TSR (terminate-and-stay-resident) programs**

Some programs are designed to automatically load into memory when you start your system, or to stay in memory even after you exit them. These programs also affect the memory available to TextBridge Pro.

- u **Expanded Memory Drivers**

These are programs that use extended memory as expanded memory (memory used by the operating system), for example, a Windows driver.

u Other Drivers

These are programs that provide some type of system control, for example, a network driver.

If you find that TextBridge Pro's performance seems slow, check to see if your system is configured with any of these devices. If there are one or more of these devices that you can do without, remove them, one by one, to improve performance.

INSTALLING AND TESTING YOUR SCANNER

Using built-in **ISIS** drivers provided by Pixel Translations Inc., TextBridge Pro works with many popular desktop scanners.

TextBridge Pro also fully supports **AccuPage 2.0**, a technology developed and licensed by Hewlett-Packard that improves the combined performance of HP ScanJet™ scanners and TextBridge Pro.

In addition, with its support of the **TWAIN** standard, TextBridge Pro works with virtually any fully TWAIN-compliant device that provides a binary image in a supported size and resolution.

Note The full list of scanners supported by TextBridge Pro is always growing. Check the on-line *Release Notes* to find the latest list of supported scanners. If your scanner is not in this list, call your authorized Xerox reseller, or call Xerox directly.

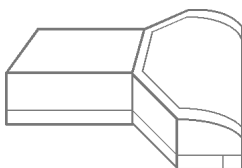
Scanners generally require a system-level driver or a TWAIN source driver, which is provided by the scanner or interface card manufacturer. **Consult the scanner documentation for details about installing your scanner, interface card, and driver.**

Basic scanner installation steps

The basic steps for installing a scanner are to:

1. Install the correct scanner interface card (if one is necessary) in the PC bus.
 2. Hook up the scanner to the interface card (or with some devices, to the serial port) with the correct cable, and power up the scanner and the PC.
 3. Install the system-level scanner driver (.SYS) file, or TWAIN source driver on your PC hard disk, as directed by the scanner documentation.
 4. Test the scanner using software tools provided by the manufacturer. After the scanner is functioning, go on to install TextBridge Pro software.
- + If your scanner runs independently of TextBridge Pro, you can be sure that it is functioning correctly. Setting it up to run with TextBridge Pro should then be a simple matter.

A note about hand scanners



A number of hand scanners are available on the market at a relatively low cost. Many hand scanners are provided with a TWAIN source driver, and thus can work with TextBridge Pro.

Hand scanners can be used occasionally to scan in small blocks of text, but if you are often scanning a full page or more, consider upgrading to a sheet-fed or flatbed scanner.

With hand scanners, you must take great care in providing a usable image to OCR. Hand-scanned images often are distorted, skewed, or otherwise degraded (Figure 2–1). This can cause OCR to produce an unacceptable number of recognition errors.

In addition, the **auto-stitching** software included with some hand scanners rarely provides a suitable image for OCR.

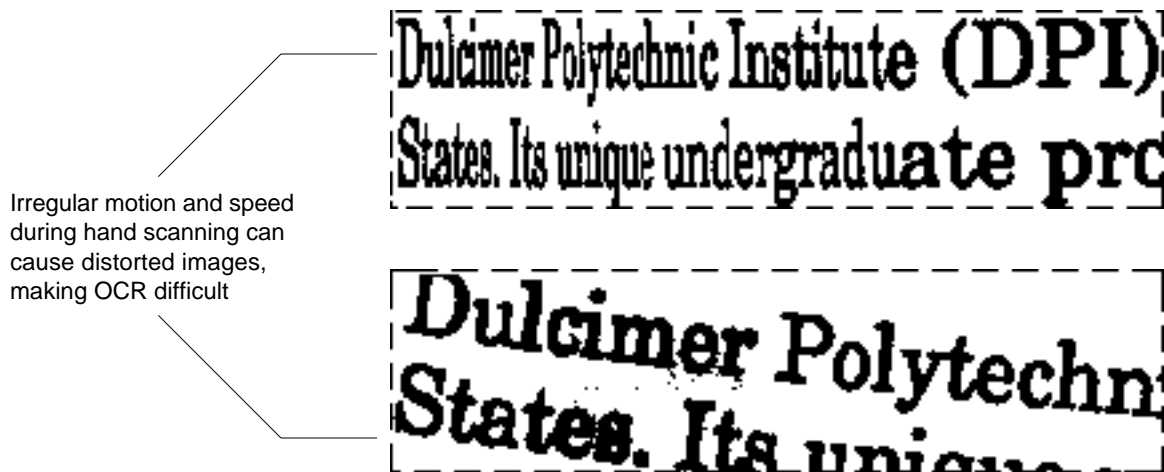


Figure 2-1. Distorted images from a hand scanner

INSTALLING AND TESTING TEXTBRIDGE PRO SOFTWARE

After you have performed the hardware and driver installation, you are ready to install TextBridge Pro software and test it with your scanner or other image capture device. This section provides procedures to:

- u run the software setup program
- u complete electronic registration
- u install and test the AccuPage driver
- u install and test an ISIS driver
- u install and test a TWAIN driver

Note If you are **not** using TextBridge Pro with a supported scanner, you can run the software setup program and ignore the other subsections listed above. For example, you might want to use TextBridge Pro only to recognize image files produced by your fax modem.

Run the software setup program

To install TextBridge Pro 96 for Windows 95, use the following procedure:

1. **Insert the TextBridge Pro CD into your CD-ROM drive.**
2. **From the Windows taskbar, click the Start button, then click Run.**

Next, run the TextBridge SETUP command as follows, depending on the letter that represents your CD-ROM drive:

d:\setup or e:\setup

An initialization message appears, followed by the TextBridge Pro Welcome dialog (Figure 2–2).

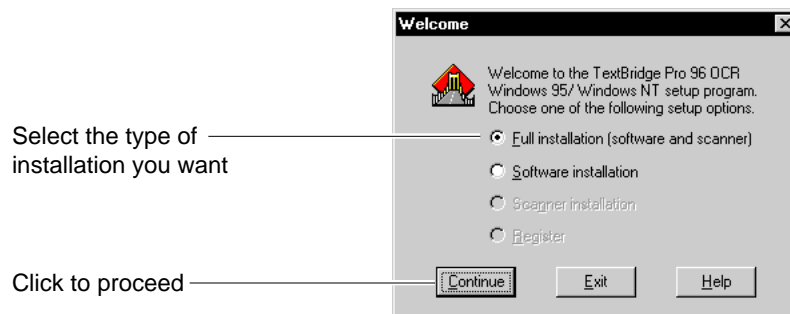


Figure 2–2. Welcome (main setup) dialog

3. **Select Full installation (software and scanner), or Software installation if you are only installing software, then click Continue.**

The Installable Language Packs dialog now appears, enabling you to choose the OCR **language packs** you want to install.

- + You **must** select at least one language pack in order for TextBridge Pro to perform OCR.

4. Choose each language pack to be installed by clicking on its checkbox, then click Continue.

- + TextBridge Pro supports OCR of documents printed in up to 11 different languages depending on in which country you purchased the program. Allow approximately 700Kb of hard disk space for each language pack you intend to install.

Next, the setup program displays the Destination Directory dialog displaying a default installation directory on your hard disk, which is usually:

C:\Program Files\TextBridge Pro 96

5. Accept the default installation directory, or type in a new installation directory for TextBridge Pro, then click Continue.

After you click Continue, the setup program begins installing TextBridge Pro software files, as indicated by a progress meter on the screen. The setup program decompresses and copies files to your hard disk.

The setup program proceeds differently based on the type of installation you selected in the Welcome dialog (refer to Figure 2–2).

If you selected Full installation, the setup program now displays a dialog to select the scanner driver type to link to TextBridge Pro (Figure 2–3). Proceed to Step 6.

If you selected Software installation, and your version of TextBridge Pro has built-in electronic registration, the Electronic Registration dialog appears. Proceed to Step 7. If your copy of TextBridge Pro does not have built-in electronic registration, installation is now complete.

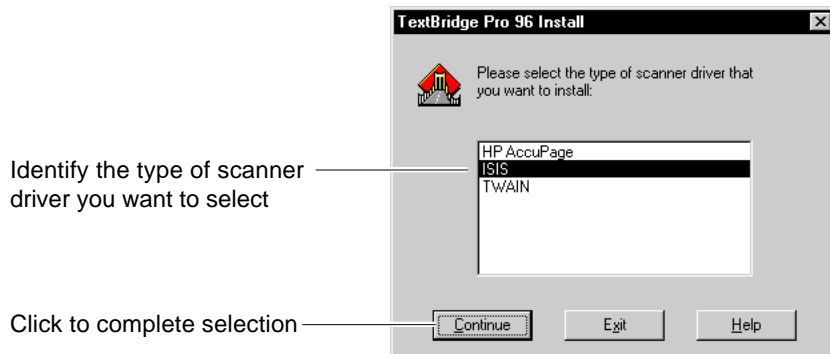


Figure 2-3. *Select Scanner/Source dialog*

6. Identify and test your scanner driver.

From the Select Scanner/Source dialog, choose the type of driver you want to install—AccuPage, ISIS, or TWAIN—then click Continue.

Note If TextBridge Pro provides an ISIS driver for your scanner, or if your scanner supports HP AccuPage, it is strongly recommended that you use this driver instead of the TWAIN driver.

If you have a Hewlett Packard ScanJet scanner, and you select HP AccuPage, refer to the subsection entitled, “Install and test an AccuPage driver,” for more detail.

If your scanner is supported directly by TextBridge Pro with an ISIS driver, refer to the subsection entitled, “Install and test an ISIS driver.”

If you selected TWAIN, refer to the subsection entitled, “Install and test a TWAIN driver.”

After you complete the steps to install and test your driver, return to Step 7 of this procedure. If you have trouble getting your scanner to run with TextBridge Pro, please refer to Appendix A of this booklet for troubleshooting information.

If your version of TextBridge Pro has built-in electronic registration, the Electronic Registration dialog appears with two buttons—**Register** and **Cancel**.

If your copy of TextBridge Pro does not have built-in electronic registration, installation is now complete.

7. Complete the electronic registration.

Refer to the next subsection, “Completing electronic registration,” for information.

After you complete the previous steps, you can access the TextBridge Pro 96 folder from the Programs menu. To do this, click the Start button on the taskbar, point to Programs, then point to the TextBridge Pro 96 folder (Figure 2–4).

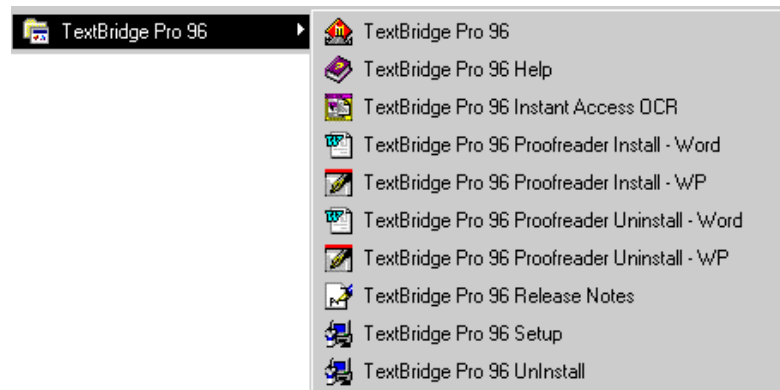


Figure 2–4. *TextBridge Pro 96 folder and icons*

As soon as possible, you should register your TextBridge Pro software. This will assure that you have the latest information on software updates and access to full customer support.

If you have a StartUp folder in the Programs menu, the setup program also places a copy of the Instant Access OCR icon there. This automatically runs Instant Access OCR every time you start Windows 95.

You can now go on to install the TextBridge In-Place Proofreader, or begin using TextBridge Pro software.

For more information about using TextBridge Pro, refer to Chapter 3 of this manual, which provides a set of exercises to help you learn the application. You can also refer to the TextBridge Pro on-line Help for detailed reference information. For a quick start guide, refer to the *Quick Card*.

Completing electronic registration

If your version of TextBridge Pro has built-in electronic registration, the Electronic Registration dialog appears with two buttons—**Register** and **Cancel**.

Complete the following steps:

1. **Click the Register button.**

The setup program now displays an electronic registration dialog (Figure 2-5).

Enter appropriate data into each field; use the TAB key to move to the next field

Click when you are finished

Registration Info

Please complete this registration card. Use TAB or your mouse to move between fields. When you are finished, click the Done button (or hit Alt-D) to continue.

First Name: Initial: Last Name:

Title: Company:

Address: Suite:

City: State: Postal Code:

Phone #: Fax #:

Purchased From: Date Purchased:

Serial #: (On Installation Disks)

Did your copy of TextBridge come bundled with other software? ☐ Yes ☒ No Ave. weekly pages OCR'd:

Scanner Brand:

What type of applications will you use TextBridge with?

Word Processing: Spreadsheet: Imaging:

Do you own a fax/modem? ☐ Yes ☒ No

Fax hardware: Fax software:

Please check all types of documents to be OCR'd.

☐ Text ☐ Fax

☐ Text w/ Graphics

☐ Multi-column Text

☐ Tables

Other:

Done Skip

Figure 2-5. *Electronic registration dialog*

2. **Complete all the fields in the registration dialog, then click Done.**

Another dialog appears with instructions for completing the registration procedure (Figure 2-6).

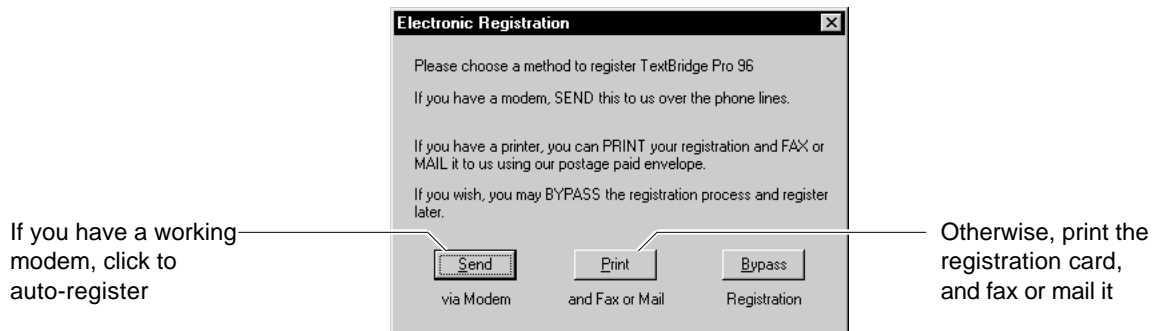


Figure 2-6. *Second registration dialog*

3. **Complete the registration procedure.**

If you have a modem connected to your PC and powered on, you can click the **Send** button to automatically send your registration, toll-free. If you click Send, another dialog will appear requesting some additional information about your phone line. Continue as instructed.

Otherwise, click **Print** to print out a paper copy of the registration that you can fax or mail to Xerox. (Click **Bypass** if you are not ready to send or print the registration.)

Important As soon as possible, send the registration information to Xerox. As a registered user, you will be eligible for free customer support and other Xerox services.

When you are done with the registration dialog, installation is complete. For details about starting TextBridge Pro, refer to the information after Step 7 of the earlier subsection, “Run the software setup program.”

Install and test the AccuPage driver

TextBridge Pro includes the necessary files to support HP AccuPage 2.0 for use with your ScanJet™ scanner. For OCR purposes, TextBridge Pro supports AccuPage's auto-brightness and small text features.

To install and test the AccuPage driver:

1. **From the Select Scanner/Source dialog (refer to Figure 2-3), select HP AccuPage and click Continue.**

The setup program loads the necessary AccuPage files, then displays a dialog to let you test the scanner (Figure 2-7).

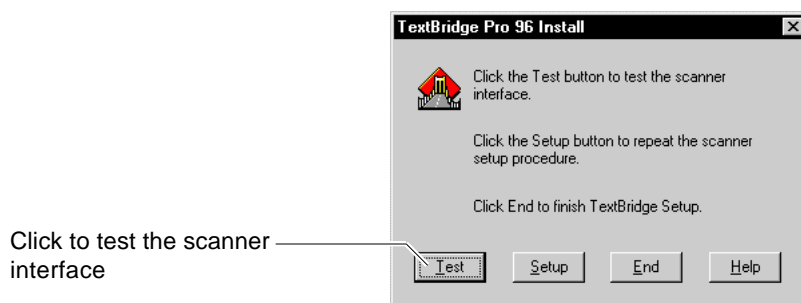


Figure 2-7. *Test/End Setup dialog*

2. **Place a page in your scanner, then click the Test button.**

If all is well, the scanner begins scanning the page. The AccuPage 2.0 program icon also appears momentarily on your Windows desktop. When scanning is completed, TextBridge Pro displays the page in the Scan Test window (Figure 2-8).

If the test fails, click Reset to return to the Select Scanner/Source dialog, and retry linking your scanner driver with TextBridge Pro, and re-testing the link.

If the test still fails, check all hardware and try again. Refer to Appendix A of this booklet for troubleshooting information.

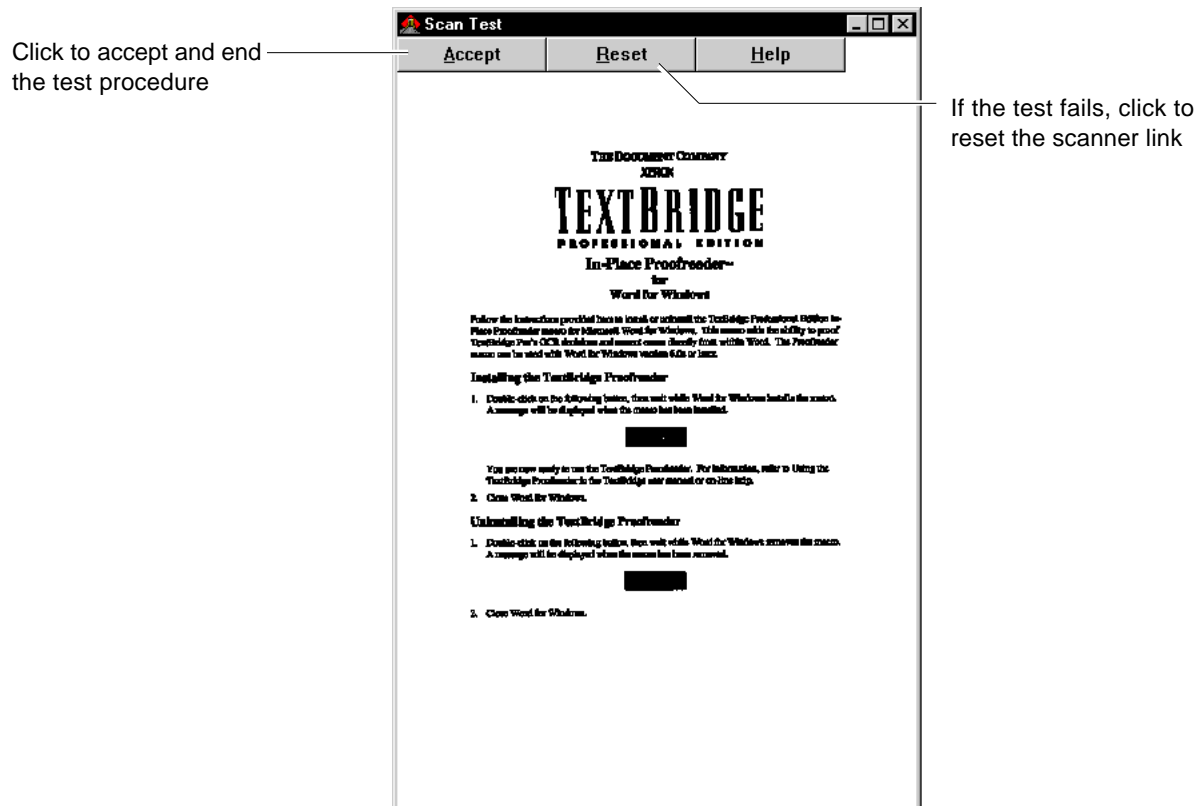


Figure 2-8. *Scan Test window*

3. **Click Accept in the Scan Test window.**
4. **Complete the setup procedure.**

Proceed from Step 7 of the procedure in an earlier subsection, "Run the software setup program."

Install and test an ISIS driver

TextBridge Pro includes a number of ISIS scanner drivers from Pixel Translations, Inc. These drivers support many of the most popular desktop scanners available today.

To install an ISIS driver:

1. **From the Select Scanner/Source dialog, select ISIS and click Continue.**

The Scanner Selection dialog is displayed (Figure 2–9). All ISIS scanner drivers provided with TextBridge Pro are displayed in a scrolling list.

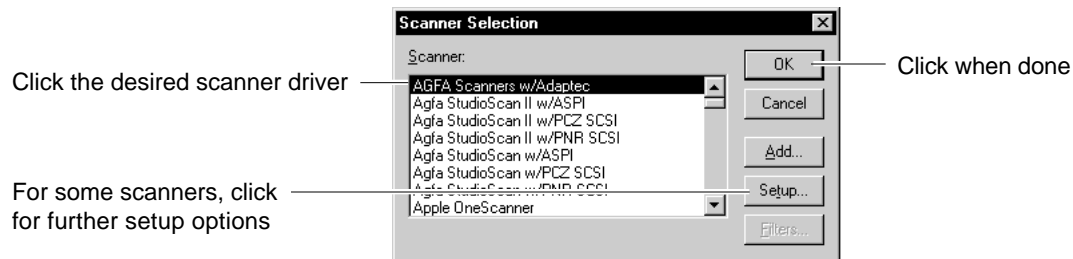


Figure 2–9. ISIS Scanner Selection dialog

2. **Locate the driver for your scanner, and highlight it.**
3. **If necessary, click Setup to further define your scanner configuration for TextBridge Pro.**

For some scanners, a dialog appears enabling you to define settings such as Port Address, SCSI ID Number, Transfer Mode, Scanning Speed, and so on.

For other scanners, a dialog appears indicating simply that:

This scanner's configuration is set using the system-level driver.

If applicable, specify appropriate settings for your scanner configuration. Refer to your scanner or interface card documentation for details about scanner configuration settings.

When you are finished specifying scanner configuration settings, click OK to save the new settings and close the scanner dialog.

4. Click OK in the Scanner Selection dialog.

The setup program now displays a dialog to let you test the scanner (refer to Figure 2–7).

5. Place a page in your scanner, then click the Test button.

If all is well, the scanner begins scanning the page. When scanning is completed, TextBridge Pro displays the page in the Scan Test window (refer to Figure 2–8).

If the test fails, click Reset to return to the Select Scanner/Source dialog, and retry linking your scanner driver with TextBridge Pro, and re-testing the link.

If the test still fails, check all hardware and try again. Refer to Appendix A of this booklet for troubleshooting information.

6. Click Accept in the Scan Test window.

7. Complete the setup procedure.

Proceed from Step 7 of the procedure in the earlier section, “Run the software setup program.”

Install and test a TWAIN driver

TextBridge Pro supports scanners with fully TWAIN-compliant source drivers. The TWAIN standard includes an applications programmer's interface for the development of scanner drivers, and is fast becoming the industry standard.

To install a TWAIN driver:

1. **From the Select Scanner/Source dialog, select TWAIN and click Continue.**

The Select Source dialog is displayed (Figure 2–10). All TWAIN source drivers currently available from Windows are displayed.

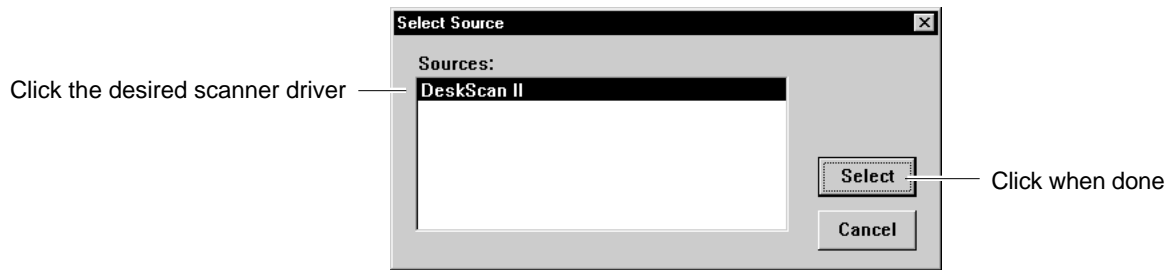


Figure 2–10. TWAIN Select Source dialog

2. **In the Select Source dialog, highlight the TWAIN source driver for your scanner, then click Select.**

The setup program now displays a dialog to let you test the scanner (refer to Figure 2–7).

3. **Place a page in your scanner, then click the Test button.**

If all is well, the TWAIN source driver's **native user interface** now appears.

Refer to your scanner documentation for information about using the native user interface to control your scanner.

After you scan a page and dismiss the native user interface, TextBridge Pro displays the page in the Scan Test window (refer to Figure 2–8).

If the test fails, click Reset to return to the Select Scanner/Source dialog, and retry linking your scanner driver with TextBridge Pro, and re-testing the link.

If the test still fails, check all hardware and try again. Refer to Appendix A of this booklet for troubleshooting information.

4. Click Accept in the Scan Test window.

5. Complete the setup procedure.

Proceed from Step 7 of the procedure in the earlier section, “Run the software setup program.”

INSTALLING THE TEXTBRIDGE IN-PLACE PROOFREADER

A key element in the design of TextBridge Pro is its ability to be integrated with other applications. The goal is to provide maximum productivity.

One result of this approach is the unique **In-Place Proofreader™**. With this capability, you can proof recognized text directly in:

- u Word for Windows 6.0a (and later)
- u WordPerfect for Windows 6.1

To use the In-Place Proofreader with one of these applications, you must first install it, as described in the next two subsections.

Installing the In-Place Proofreader in Word



After you install TextBridge Pro software, a TextBridge Pro 96 folder is created on the Programs menu (refer to Figure 2-4). Among the icons in this folder is **TextBridge Pro 96 Proofreader Install – Word**, with a Microsoft Word icon.

To install the TextBridge Pro 96 Proofreader in Word for Windows 6.0a (or later):

1. **Access the TextBridge Pro 96 folder from the Programs menu (Figure 2-4).**

To do this, click the Start button on the taskbar, point to Programs, then point to the TextBridge Pro 96 folder.

2. **Click the TextBridge Pro 96 Proofreader Install – Word icon.**

This launches Word for Windows, and opens a document named **mswproof.doc**, which is included with TextBridge Pro.

The document contains a built-in **Install** button, which enables you to install a macro embedded in the document.

3. **Double-click the Install button in the document.**

+ If you need to, use the vertical scroll bar to display the button.

This starts the macro installation process. When installation is complete, the `mswproof.doc` document is redisplayed, and a dialog box displays a message telling you that the TextBridge Proofreader has been installed.

4. **Click OK to close the dialog box.**

5. Exit Word.

You can now go on to use TextBridge Pro 96 and the TextBridge Proofreader. (A **TextBridge Proofreader** command is now included in Word's File menu.) For more information, refer to Chapter 3 of this manual, or to the on-line Help.

Installing the In-Place Proofreader in WordPerfect



After you install TextBridge Pro software, a TextBridge Pro 96 folder is created on the Programs menu (refer to Figure 2-4). The folder includes a **TextBridge Pro 96 Proofreader Install – WP** icon.

To install the TextBridge Pro 96 Proofreader in WordPerfect 6.1, use the following procedure.

Note To run the installation program, you must have installed WordPerfect 6.1 and its Shared components library. For complete information, refer to the appropriate WordPerfect documentation.

1. Access the TextBridge Pro 96 folder from the Programs menu (Figure 2-4).

To do this, click the Start button on the taskbar, point to Programs, then point to the TextBridge Pro 96 folder.

2. Click the TextBridge Pro 96 Proofreader Install – WP icon.

A dialog appears requesting two installation directories—one for WordPerfect itself, and the other for the WordPerfect Shared components library. In edit boxes, it displays the default directories for both of these items:

```
c:\office\wpwin  
c:\office\shared\wpc20
```

3. Proceed as follows:

If you have not installed either of these items, click the Exit button. Install WordPerfect and/or its Shared components library, then proceed from Step 1 of this procedure.

If you used the default directories when you installed WordPerfect and its shared components, go to Step 4. Otherwise, enter the directory paths in the edit boxes, then proceed to Step 4.

- + If you are not sure of a directory path, click the Browse button to display a dialog where you can locate and select the path. When you are done, click OK. The path is automatically placed in the edit box in the TextBridge Pro 96 Proofreader Install – WP dialog.

4. Click Continue in the TextBridge Pro 96 Proofreader Install – WP dialog.

Installation proceeds. When it is done, the program displays a message box informing you that:

The TextBridge Proofreader for WordPerfect 6.1 has been successfully installed.

5. Click OK in the message box.

You are now ready to use TextBridge Pro 96 and the TextBridge Proofreader.

For more information, refer to Chapter 3 of this manual, or to the on-line Help.

WHERE TO GO FROM HERE



With TextBridge Pro 96 fully installed, you are ready to begin using the product.

Please refer to Chapter 3 of this guide. It provides step-by-step tutorial sessions designed to help you learn some of the important features of TextBridge Pro.

UNINSTALLING TEXTBRIDGE PRO

To restore your PC to the state it was in before you installed TextBridge Pro, use the following procedure:

1. **Exit from TextBridge Pro, if it is running.**
2. **If Instant-Access OCR is running on your Windows desktop, close it.**

If the TextBridge Instant Access OCR Registration dialog is open, click OK. Next, with your right mouse button, click the Instant-Access OCR button on the taskbar, then click Close.

3. **If you have a Shortcut to Tb96 icon on the desktop, drag it to the Recycle Bin.**
4. **If you installed the TextBridge Pro 96 Proofreader in Microsoft Word, uninstall it.**

Access the TextBridge Pro 96 folder from the Program menu. To do this, click the Start button, point to Programs, then point to the TextBridge Pro 96 folder.

Click the TextBridge Pro 96 Proofreader Uninstall – Word icon. This launches Word for Windows, and opens `mswproof.doc`.

Double-click the Uninstall button in the document. (If necessary, use the vertical scroll bar to scroll down to the Uninstall button.)

Follow any additional prompts, then exit Word.

5. **If you installed the TextBridge Pro 96 Proofreader in WordPerfect, uninstall it.**

Access the TextBridge Pro 96 folder from the Program menu. To do this, click the Start button, point to Programs, then point to the TextBridge Pro 96 folder.

Click the TextBridge Pro 96 Proofreader Uninstall – WP icon. This launches WordPerfect for Windows.

Click Continue in the TextBridge Pro 96 Proofreader Uninstall – WP dialog.

Follow any additional prompts, then exit WordPerfect.

6. Exit from any open applications.

7. Access the TextBridge Pro 96 folder from the Programs menu (Figure 2–4).

To do this, click the Start button on the taskbar, point to Programs, then point to the TextBridge Pro 96 folder.

8. Click the TextBridge Pro 96 UnInstall icon.

A dialog prompts you to uninstall the Word or WordPerfect proofreader, if you installed them previously.

9. Click Continue.

A dialog prompts you to exit all applications.

10. Click OK.

A Confirm File Deletion dialog box asks you:

Are you sure you want to completely remove the TextBridge application and all of its components?

11. Click Yes.

A Restart? dialog tells you that your computer needs to be restarted to complete the uninstall process.

12. Click OK.

With the above steps completed, TextBridge Pro is completely uninstalled from your PC.