Expert 4.0.3
Release Document

All text and illustrations in this document were prepared on the Xerox 6085 Professional Computer System.

This publication could contain technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in any new editions of this publication.

Table of Contents

1.   Introduction

This document accompanies the 4.0.3 release of Expert software. If you notice any problems or discrepancies in these materials, please notify the Xerox Customer Support Center at the following telephone number.

•   **(214) 420-0599**

This chapter describes the problems that have been fixed in this release. Chapter 2 describes how to update your Expert software to Expert 4.0.3.

SPARs Fixed in the 4.0.3 Release

The 4.0.3 release of Expert contains a number of fixes to SPARs (Software Performance Action Requests).

• Expert Schematics will not crash after connection paths or nets have been edited. SPAR 392

• Net names on E-size schematics will no longer be truncated in raster plots. SPAR 398

• Filled areas display correctly when zoomed. SPAR 401

• Drafting parts can be written to Expert libraries. SPAR 405

• Expert will create IGES files that can be converted to AutoCAD with correct text placement, feature control characters, and line styles. All IGES files created by AutoCAD can be converted to Expert drawings. SPAR 498

In all other respects, Expert 4.0.3 is identical to Expert 4.0.2. Consult the Expert 4.0.2 Release Document for details of that release.

Introduction

This section provides instructions for installing Expert 4.0.3 software on your workstation.

It is assumed you have a basic understanding of the workstation(s) on which software is to be installed. Refer to Chapters 1 and 2 of the *Using Expert User's Guide* for information on the workstation components and procedures for booting the workstation. We strongly recommend you read through the following software installation procedures <u>before</u> installing software on the workstation. Failure to do so could cause improper system operation and/or performance.

Installing 4.0.3 on 6085, 6085 Model 2, and 8010 workstations

The software installation procedures for loading Expert 4.0.3 are nearly identical to the procedures used in Expert release 4.0 and 4.0.2. These instructions assume that you are upgrading your workstation to Expert 4.0.3 from Expert 4.0. 4.0.1, or 4.0.2. Expert software and ViewPoint 2.0 should already be loaded on the workstation. Refer to the *Expert 4.0 Release Document* for information on installing Expert 4.0 and ViewPoint 2.0 software.

If you are updating from the 4.0 or 4.0.1 release of Expert, you will need to replace the Msgs folder and, optionally, the User.cm in your 4.0 Expert Essential Data folder with the versions supplied in the 4.0.2 release. The 4.0.2 Msgs folder and User.cm are located on the floppy disks labeled *6085 Xerox Expert 4.0.2: Expert Utilities* and *8010 Xerox Expert 4.0.2: Expert Utilities*. Use the disk appropriate for your workstation. If you are updating to Expert 4.0.3 from the 4.0.2 release of Expert, you do not need to replace either the Msgs folder or the User.cm.

If your organization is set up for software installation from the network, you can copy the Expert application and data files to your VP Applications file drawer. When installing software from the network, be sure to retrieve files from the VP Applications file drawer; do not retrieve files from floppy disks, as instructed in the software installation procedure.

If you are installing software from floppy disk, you must copy the contents of the disks to the appropriate application (i.e., Expert or ViewPoint). Therefore, any file on a floppy disk that includes the words *Xerox ViewPoint* beneath its title must be retrieved from the floppy disk to your ViewPoint desktop. Unless specified otherwise, any file on a floppy disk that includes the words *Xerox Expert* beneath its title must be retrieved from the floppy disk to Expert.

Refer to the appendix for a list of the floppy disks required to install Expert 4.0.3.

Installing Expert 4.0.3 on 6085 and 6085 Model 2 Workstations

Step	Instructions
1. Set the **Auto Run at System Startup** option to **No** for the Expert application(s).	Boot the workstation and log in to ViewPoint. Open the Application Loader icon, and for each of the following Expert files found on your workstation, select the file and bring up the Application Properties sheet. For each file, set the **Auto Run at System Startup** option to **No**. VP Expert Common Software VP Expert Foundation VP Expert Drafting VP Expert Schematics Close the Application Loader window and log out of ViewPoint.
2. Boot ViewPoint. Set the time on a standalone workstation. Log in to ViewPoint.	Press the **B Reset** button on the processor's front panel and, when the system displays the boot keys, press the **F1** key. If you have a standalone workstation, the system will prompt you to set the time. Log in to ViewPoint after the system finishes booting.
3. Copy ViewPoint Floppy Drive and Application Loader icons to your desktop.	If you do not have ViewPoint Floppy Drive and Application Loader icons on your desktop, copy them from the Directory folder to the desktop. (If you are a first-time ViewPoint user, refer to the *ViewPoint 2.0 Software Installation Guide* for specific instructions.)
4. Delete the Expert applications from the Application Loader window.	Open the Application Loader icon and select the Expert files listed in step 1. Delete the Expert files by pressing the **DEL** key. Select **Yes** to continue when prompted. Close the Application Loader window.
5. Determine the workstation type.	Bring up the Desktop Auxiliary Menu. If the **Hardware Type:** option is listed, select it. If the **Hardware Type:** option does not appear in the menu, proceed to step 7. After selecting **Hardware Type:**, look to the message area. The system displays Hardware Type: **6085-2** if the workstation is a 6085 Model 2. Continue with step 6 if your workstation is a 6085-2. If your workstation is a 6085, go to step 7.
6. Copy the VP Expert Foundation (6085-2 only) application to your desktop.	Insert the floppy disk labeled *6085 Xerox Expert 4.0.3: VP Expert Foundation (6085-2 only) (1 of 2)* in the floppy disk drive. Open the floppy disk by selecting the Floppy Drive icon and pressing the **OPEN** key. Select the VP Expert Foundation (6085-2 only) application file in the Floppy Drive window. Copy the application file to the desktop by pressing the **COPY** key. Use the mouse-shaped cursor to point to a location on the desktop and press the left mouse button. *Continued on the following page.*

Step	Instructions
	When the VP Expert Foundation application file has been copied from the disk, the system displays the following message: "`Insert the next floppy of this multi-volume set. Select Yes to continue, No to cancel.`" Multivolume floppies must be copied in correct ascending order. Do not select **Yes** to continue until you've inserted the *6085 Xerox Expert 4.0.3: VP Expert Foundation (6085-2 only) (2 of 2)* floppy disk into the floppy disk drive. Then continue with step 8.
7. Copy the VP Expert Foundation application to your desktop.	Insert the floppy disk labeled *6085 Xerox Expert 4.0.3: VP Expert Foundation (1 of 2)* in the floppy disk drive. Open the floppy disk by selecting the Floppy Drive icon and pressing the **OPEN** key. Select the VP Expert Foundation application file in the Floppy Drive window. Copy the application file to the desktop by pressing the **COPY** key. Use the mouse-shaped cursor to point to a location on the desktop and press the left mouse button. When the VP Expert Foundation application file has been copied from the disk, the system displays the following message: "`Insert the next floppy of this multi-volume set. Select Yes to continue, No to cancel.`" Multivolume floppies must be copied in correct ascending order. Do not select **Yes** to continue until you've inserted the *6085 Xerox Expert 4.0.3: VP Expert Foundation (2 of 2)* floppy disk into the floppy disk drive. Then continue with step 8.
8. Copy the Expert Drafting and Schematics applications to your desktop.	Depending on the software licenses your company purchased for the workstation, you will copy some or all of the Expert applications to your desktop. Your software set includes the following Expert application floppies: *6085 Xerox Expert 4.0.3: VP Expert Drafting (1 of 2)* *6085 Xerox Expert 4.0.3: VP Expert Drafting (2 of 2)* *6085 Xerox Expert 4.0.3: VP Expert Schematics (1 of 2)* *6085 Xerox Expert 4.0.3: VP Expert Schematics (2 of 2)* Insert the floppy disk containing the application you wish to copy in the floppy disk drive. Select **Redisplay** in the Floppy Drive window header. Select the Expert application and copy it to the desktop. Insert additional floppy disks when requested and select **Yes** to continue. If necessary, repeat this step to copy other Expert applications to your desktop.

Step	Instructions
9. Copy the VP Expert Common Software application to your desktop.	Insert the floppy disk labeled *6085 Xerox Expert 4.0.3: VP Expert Common Software (1 of 3)* in the floppy disk drive. Select **Redisplay** in the Floppy Drive window header. Select the VP Expert Common Software application file and copy it to the desktop. Insert the additional floppy disks when requested [*6085 Xerox Expert 4.0.3: VP Expert Common Software (2 of 3), 6085 Xerox Expert 4.0.3: VP Expert Common Software (3 of 3)*] and select **Yes** to continue.
Copy the Versatec Plot Server Interface application to your desktop.	The Versatec Plot Server Interface application also appears on *6085 Xerox Expert 4.0.3: VP Expert Common Software (3 of 3*. If you wish to use this application, select it and copy it to the desktop. **Note:** VP Expert Common Software includes the Pen Plotter Interface.
10. Copy the Expert Essential Data folder to your desktop.	If you are upgrading Expert from the 4.0.2 release, or reinstalling Expert 4.0.3, the Expert essential data has already been copied to the Expert file system. Skip steps 10 and 11, and continue with step 12 below. Insert the floppy disk labeled *6085 Xerox Expert 4.0: Expert Essential Data (1 of 2)* in the floppy disk drive. Open the Floppy Drive icon or, if the icon is open, select **Redisplay** in the Floppy Drive window header. Select the Expert Essential Data folder and copy it to the desktop. When requested, insert the floppy disk labeled *6085 Xerox Expert 4.0: Expert Essential Data (2 of 2)* and select **Yes** to continue.
11. Replace the Msgs folder and the User.cm.	Open the Expert Essential Data folder and delete the Msgs folder. If you wish to use the 4.0.2 User.cm, then delete the User.cm contained in the Expert Essential Data folder. (4.0.2 changes to the User.cm are described in Section 3 of this release document.) Insert the floppy disk labeled *6085 Xerox Expert 4.0.2: Expert Utilities* in the floppy drive. Open the Floppy Drive icon or, if the icon is open, select **Redisplay** in the Floppy Drive window header. Select the Msgs folder and, if desired, the User.cm and copy it to the Expert Essential Data folder. Then close the Expert Essential Data folder.
12. Insert the correct Expert password floppy disk in the floppy disk drive.	IIf you are reinstalling 4.0.3 and you also have a password disk created in Expert version 4.0.x or 4.0, then insert your password disk in the floppy disk drive and continue with step 13 below. If you do not meet all of these conditions, continue with step 13 below. **Note:** Password disks created in Expert versions other than 4.0.x or 4.0 will not work in the workstation. You need to call the Xerox Software Control Center for a new software password to enable your Expert software options. For more information on creating Expert password disks, refer to *Using Expert*, Appendix 8.4.

Step	Instructions
13. Move the VP Expert Foundation application to the Application Loader icon.	Before continuing, it is best to close the Application Loader window. Select the VP Expert Foundation application and move it to the Application Loader icon. After a few moments, the Expert window appears on your display. When the Expert Foundation is finished running, close the Expert window and return to your ViewPoint desktop.
14. Move the VP Expert Drafting and VP Expert Schematics applications to the Application Loader icon.	Select and move the Expert applications you copied to your desktop in step 8 to the Application Loader icon *in the following order*: VP Expert Drafting VP Expert Schematics
15. Move the VP Expert Common Software application to the Application Loader icon.	Select and move the VP Expert Common Software application to the Application Loader icon. After the VP Expert Common Software is loaded and running, bring up the Desktop Auxiliary Menu and select **Expert**. The system displays the Expert enabler window.
Select **Apply!** if your system is already enabled.	If you started Expert with a password floppy disk or you reinstalled Expert 4.0.3 software, the system displays the software options currently enabled. If you wish to enable the workstation with the listed options, select the **Apply!** command in the enabler window and continue with step 16.
Call Xerox for a new software password.	If the system does not display a list of enabled software options or you wish to change Expert software options, you need to call the Xerox Software Control Center to get a new software password. Have the software authorization number, workstation host address, and workstation serial number ready and <u>be sure to tell the Software Control Center Coordinator that you are installing Expert 4.0.3 software</u>. **Xerox Software Control Center** (800) 835-9013
Apply the new password. Wait, then reboot.	Type your software password in the password field of the enabler window and select the **Apply!** command. The enabler window temporarily displays the options list, then changes to the Expert drafting window. Wait until the hourglass-shaped cursor is displayed for at least 30 seconds. Then reboot the workstation by pressing the red button on the front of the console. When the boot source icons appear, press the F1 key. Ignore any messages pertaining to a Clearinghouse problem. Continue with step 16 below.

Step	Instructions
16. Modify the User.cm if necessary.	Modify the User.cm file to meet your requirements, if necessary. Refer to the *Using Expert User's Guide*, Chapter 6, Section 6.9 if you need help modifying the User.cm file.
Installation of Expert 4.0.3 software is complete.	Expert 4.0.3 software installation is complete. You may delete the Expert Essential Data folder from your desktop. If you made modifications to the User.cm, you must reboot the workstation for the new User.cm changes to take effect.

Installing Expert 4.0.3 on an 8010 Workstation

Note

If your workstation includes a Versatec 290 Personal Plotter Interface Unit, you will need a special ViewPoint software application, V290, to communicate with the 290. Make sure you set this application's **Auto Run at System Startup** option to **Yes**, as instructed in the installation procedure.

Step	Instructions
1. Set the **Auto Run at System Startup** option to **No** for the Expert application(s).	Boot the workstation and log in to ViewPoint. Open the Application Loader icon, and for each of the following Expert files found on your workstation, select the file and bring up the Application Properties sheet. For each file, set the **Auto Run at System Startup** option to **No**. VP Expert Common Software VP Expert Foundation VP Expert Drafting VP Expert Schematics Close the Application Loader window and log out of ViewPoint.
2. Boot ViewPoint. Acknowledge standalone workstation and set the time. Log in to ViewPoint.	Press the **B Reset** button on the processor's front panel. If you have a standalone workstation, the system will flash codes 0322 and 0002. Press and hold the **SKIP/NEXT** key on the keyboard until the system displays a code greater than 0322. Set the time when prompted. Log in to ViewPoint after the system finishes booting.
3. Copy ViewPoint Floppy Drive and Application Loader icons to your desktop.	If you do not have ViewPoint Floppy Drive and Application Loader icons on your desktop, copy them from the Directory folder to the desktop. (If you are a first-time ViewPoint user, refer to the *ViewPoint 2.0 Software Installation Guide* for specific instructions.)
4. Delete the Expert application(s) from the Application Loader window.	Open the Application Loader icon and select the Expert files listed in step 1. Delete the Expert files by pressing the **DELETE** key. Select **Yes** to continue then prompted. Close the Application Loader window.
5. Copy the Expert applications to your desktop.	Depending on the software licenses your company purchased for the workstation, you will copy some or all of the optional Expert applications included on the *8010 Xerox Expert 4.0.3* floppy disks to the workstation. *Continued on the following page.*

Step	Instructions
	Insert the floppy disk labeled *8010 Xerox Expert 4.0.3 (1 of 3)* in the floppy disk drive. Open the floppy disk by selecting the Floppy Drive icon and pressing the **OPEN** key. Select the application files in the Floppy Drive window. Copy the application files to the desktop by pressing the **COPY** key. Use the mouse-shaped cursor to point to a location on the desktop and press the left mouse button. Repeat this step to copy the application files from the floppy disks labeled *8010 Xerox Expert 4.0.3 (2 of 3)* and *8010 Xerox Expert 4.0.3 (3 of 3)*. **Note:** The *8010 Xerox Expert 4.0.3* floppy disks include both the Pen Plotter Interface and the Versatec Plot Server Interface applications.
6. Copy the Expert Essential Data folder to your desktop.	If you are upgrading Expert from the 4.0.2 release, or reinstalling Expert 4.0.3, the Expert essential data has already been copied to the Expert file system. Skip steps 6 and 7, and continue with step 8 below. Insert the floppy disk labeled *8010 Xerox Expert 4.0: Expert Essential Data* in the floppy disk drive. Open the Floppy Drive icon or, if the icon is open, select **Redisplay** in the Floppy Drive window header. Select the Expert Essential Data folder and copy it to the desktop.
7. Replace the Msgs folder and the User.cm.	Open the Expert Essential Data folder and delete the Msgs folder. If you wish to use the 4.0.2 User.cm, then delete the User.cm contained in the Expert Essential Data folder. (Section 4 of this document explains the changes to the User.cm in the 4.0.2 release.) Insert the floppy disk labeled *8010 Xerox Expert 4.0.2: Expert Utilities* in the floppy drive. Open the Floppy Drive icon or, if the icon is open, select **Redisplay** in the Floppy Drive window header. Select the Msgs folder and, if desired, the User.cm and copy it to the Expert Essential Data folder. Then close the Expert Essential Data folder.
8. Copy the V290 application to the Application Loader icon.	If your workstation does not include a Versatec 290 Personal Plotter Interface Unit, or if the V290 application is already installed on the workstation, continue with step 9 below. Before continuing, it is best to close the Application Loader window. Insert the floppy disk labeled *8010 Xerox Expert 4.0: Expert Essential Data* in the floppy drive. Open the Floppy Drive icon or, if the icon is open, select **Redisplay** in the Floppy Drive window header. Select the V290 application file and copy it to the Application Loader icon. **Note:** Make sure the **Auto Run at System Startup** option for the V290 application file is set to **Yes**.

Step	Instructions
9. Insert the correct Expert password floppy disk in the floppy disk drive.	If you are reinstalling 4.0.3 and you also have a password disk created in Expert version 4.0.x or 4.0, then insert your password disk in the floppy disk drive and continue with step 10 below. If you do not meet all of these conditions, continue with step 10 below. **Note:** Password disks created in Expert versions other than 4.0.x or 4.0 will not work in the workstation. You need to call the Xerox Software Control Center for a new software password to enable your Expert software options. For more information on creating Expert password disks, refer to *Using Expert*, Appendix 8.4.
10. Move the VP Expert Foundation application to the Application Loader icon.	Before continuing, it is best to close the Application Loader window. Select the VP Expert Foundation application and move it to the Application Loader icon. After a few moments, the Expert window appears on your display. When the Expert Foundation is finished running, close the Expert window and return to your ViewPoint desktop.
11. Move the VP Expert Drafting and VP Expert Schematics applications to the Application Loader icon.	Select and move the Expert applications you copied to your desktop in step 5 to the Application Loader icon *in the following order:* VP Expert Drafting VP Expert Schematics
12. Move the VP Expert Common Software application to the Application Loader icon.	Select and move the VP Expert Common Software application to the Application Loader icon. After the VP Expert Common Software is loaded and running, bring up the Desktop Auxiliary Menu and select **Expert**. The system displays the Expert enabler window.
Select **Apply!** if your system is already enabled.	If you started Expert with a password floppy disk or you reinstalled Expert 4.0.3 software, the system displays the software options currently enabled. If you wish to enable the workstation with the listed options, select the **Apply!** command in the enabler window and continue with step 14 below.
Call Xerox for a new software password.	If the system does not display a list of enabled software options or you wish to change Expert software options, you need to call the Xerox Software Control Center to get a new software password. Have the software authorization number, workstation host address, and workstation serial number ready and <u>be sure to tell the Software Control Center Coordinator that you are installing Expert 4.0.3 software</u>. **Xerox Software Control Center** (800) 835-9013 *Continued on the following page.*

Step	Instructions
Apply the new password. Wait, then reboot.	Type your software password in the password field of the enabler window and select the **Apply!** command. The enabler window temporarily displays the options list, then changes to the Expert drafting window. Wait until the hourglass-shaped cursor has been displayed for at least 30 seconds. Then reboot the workstation by pressing the red button on the front of the console. Press the F1 key when the boot source icons appear. Ignore any messages pertaining to a Clearinghouse problem. Continue with step 13 below.
13. Modify the User.cm if necessary. Installation of Expert 4.0.3 software is complete.	Modify the User.cm file to meet your requirements, if necessary. Refer to the *Using Expert User's Guide*, Chapter 6, Section 6.9 if you need help modifying the User.cm file. Expert 4.0.3 software installation is complete. You may delete the Expert Essential Data folder from your desktop. If you made modifications to the User.cm, you must reboot the workstation for the new User.cm changes to take effect.

Installing Expert 4.0.3 on a 6080 Color Workstation

Overview

The procedure for installing Expert 4.0.3 is essentially the same as those used for previous versions of Expert. Whenever possible, the installation procedure has been streamlined to make the procedure less time-consuming.

If your organization is set up for software installation from the network, you can copy the Expert application and data files to your VP Applications file drawer. You should also copy all of the Expert fonts to a single ViewPoint folder named *Fonts*. When installing software from the network, be sure to retrieve files from the VP Applications file drawer; do not retrieve files from floppy disks, as instructed in the software installation procedure.

Floppy disks for installing Expert 4.0.3 on a 6080 color workstation are not included with the 4.0.3 release; they are available on request.

Note: Due to a problem with the Expert Time Setter Utility, you will need to perform some additional steps during the software installation process on a standalone 6080 workstation.

Please Read Before Continuing

The following procedures are potentially data destructive. Back up all of your Expert design files including drawings (.dwg), schematics (.df), place and route (.pcb), libraries (.lib), User.cm, schematic/drawing formats, and other files you wish to save to floppy disks or a file service. **Once data is erased from the workstation rigid disk, it can only be recovered from backups stored on floppy disk or a file service.**

Failure to follow the instructions as outlined on the following pages could cause improper system operation and/or performance.

Installation Procedure

Step	Instructions
1. Delete the Expert TIP table files.	If you have Expert software version 2.6 or greater already installed on the workstation and you are installing Expert 4.0.3 software for the first time, you should not need to partition the workstation rigid disk. For the Expert 4.0.3 software to function properly, you need to delete the Expert TIP table files before installing software. To delete the Expert TIP table files, boot Expert and execute the following command in the Expert Executive window: *Delete TIP > ** Once you have deleted the TIP table files, continue with step 2 below.
2. Run rigid disk diagnostics. Record bad pages.	We recommend that you run rigid disk diagnostics to check for any new bad pages on your workstation rigid disk. Insert the floppy disk labeled *6080 Offline Diagnostics 7.0* in the floppy disk drive and do a 2-boot. If the diagnostics program finds any bad pages on your disk, note the page numbers and enter them in the bad page table. Continue with step 3.
3. Boot the Expert software installer.	Insert the floppy disk labeled *6080 Xerox Expert 4.0.3: Installer* in the floppy disk drive and do a 2-boot.
Set the time on a standalone workstation.	If you are installing software on a standalone workstation, the system prompts you to set the time. If you need help setting the time, type **?** and press **RETURN** after each prompt.
4.	Partition the workstation rigid disk if you meet any of the following criteria: ▶ Software has never been loaded on the workstation before, i.e., a new disk. ▶ You are upgrading software from Expert version 2.51 or less to Expert version 4.0.3. ▶ You are reinstalling software because of an unrecoverable disk error. If you are not partitioning the rigid disk, continue with step 6 on the next page.
Partition the workstation disk.	From the main menu, type the number corresponding to **Expert: 6080 Partition Workstation Disk** and press **RETURN**. The system displays a new menu.

Step	Instructions
5. Partition the workstation disk.	**WARNING** **Partitioning the workstation rigid disk is data destructive. You must save all your .dwg, .df, .pcb, .lib, and any other files you wish to save to floppy disk or a file service before you partition the workstation rigid disk.** Type the number corresponding to **Partition Rigid Disk** and press **RETURN**. Type **Y** and press **RETURN** to confirm disk partitioning.
Return to the main menu.	The system displays the menu after the workstation rigid disk is partitioned. Type the number corresponding to **Return to main menu** and press **RETURN**. The system displays the main menu.
6. Install the basic Expert system.	From the main menu, type the number corresponding to **Expert: 6080 Install Expert 4.0.3 Software (from floppies)** and press **RETURN**. A new menu is displayed. Type the number corresponding to **Install Basic Expert System** and press **RETURN**. This operation installs the Expert bootfile and essential system data files onto the workstation rigid disk. This step takes several minutes and requires you to exchange floppy disks during the process. Change the floppy disks when requested.
Install the default User.cm?	When the system is finished installing the basic Expert software, the system asks if you want to install the default User.cm. If you did not partition the workstation rigid disk, and you are upgrading from Expert 4.0.2 or reinstalling Expert 4.0.3, you can keep the User.cm file you already have on your workstation. Type **N** and press **RETURN**. The system displays the menu when finished. If you partitioned the workstation disk, or if you wish to update your User.cm file, type **Y** and press **RETURN**. The system displays the menu after the User.cm is installed.
7. Install the Expert fonts.	If you are upgrading from Expert 4.0 or 4.0.x, or reinstalling Expert 4.0.3 software, and already have the Expert fonts installed on your workstation, continue with step 8. If you partitioned the workstation disk, you should install the Expert SansSerif and Typewriter fonts. It is easier to delete unwanted font files once the workstation is up and running. Type the number corresponding to **Install Expert Fonts** and press **RETURN**. This step takes several minutes. The system displays the menu after the Expert fonts are installed.

Step	Instructions
8. Start the system with a password disk.	Continue with step 9 below if: ▶ You are installing Expert 4.0.3 software for the first time. ▶ You partitioned the workstation rigid disk before reinstalling Expert 4.0.3 software and you do not have an Expert 4.0 or 4.0.x password disk. ▶ You are reinstalling Expert 4.0.3 software on the workstation and you did not partition the workstation rigid disk.
Insert the enabler floppy disk when requested.	Installation of the basic Expert workstation software is now complete. You must now start the workstation and enable your Expert software options. Boot Expert with a password disk by typing the number corresponding to **Start System With Enabling Password Floppy** and press **RETURN**. Insert the Expert enabler floppy disk in the floppy disk drive when requested and press **RETURN**. Continue with step 10 below. **Note:** Password disks created in Expert versions other than 4.0 or 4.0.x do not work in the workstation. You need to call the Xerox Software Control Center for a new software password in order to enable your Expert software options. For more information on creating Expert password disks, refer to the *Using Expert User's Guide*, Appendix 8.4.
9. Start the system.	Installation of the basic Expert workstation software is now complete. You must now start the workstation and enable your Expert software options. Boot Expert by typing the number corresponding to **Start System** and press **RETURN**.
10. Reset workstation. Acknowledge standalone workstation.	If the workstation stops at codes 0138, 0139, or 0149 for any period of time, press the **B Reset** button on the processor. If you have a standalone workstation, the system will flash codes 0322 and 0002. Press and hold the **SKIP/NEXT** key on the keyboard until the system displays a code greater than 0322. During start-up time, code 0990 may appear for an extended period of time. After approximately 10 to 15 minutes, the system displays code 4000 and the Expert enabler window appears on the screen, indicating that Expert software has been installed and successfully started. *Continued on next page*

Step	Instructions
Select **Apply!** if your system is already enabled.	If you started the workstation with a password floppy disk or you reinstalled Expert 4.0.3 software, the system displays the software options currently enabled. If you wish to enable the workstation with the listed options, select the **Apply!** command in the enabler window and continue with step 11 below.
Call Xerox for a new software password.	If the system does not display a list of enabled software options or you wish to change Expert software options, you need to call the Xerox Software Control Center to get a new software password. Have the software authorization number, workstation host address, and workstation serial number ready and <u>be sure to tell the Software Control Center Coordinator that you are installing Expert 4.0.3 software</u>. **Xerox Software Control Center** (800) 835-9013 Type your software password in the password field of the enabler window and select the **Apply!** command. Continue with step 11 below.
11. Log in to Expert and modify the User.cm if necessary.	After the software has been enabled, Expert finishes booting. Ignore any messages pertaining to a Clearinghouse problem. Press the **STOP** key on the keyboard and log in to Expert <u>using your fully qualified user name if your workstation is on a network</u>. Modify the User.cm file to meet your requirements if necessary (4.0.2 changes to the User.cm are described in Section 3 of this release document). Refer to the *Using Expert User's Guide*, Chapter 6, Section 6.9 if you need help modifying the User.cm file.
Install the Expert drawing formats and templates, system library files, and Expert utilities?	If you wish to use the drawing formats and templates, system library files, and Expert utilities included with this release, read the contents of the floppy disks labeled *8010 Xerox Expert 4.0: Drawing Formats and Templates*, *8010 Xerox Expert 4.0: System Library Files*, and *8010 Xerox Expert 4.0.2: Expert Utilities* using Expert's Executive window and the floppy command. For help on reading files from a floppy disk, refer to the *Using Expert User's Guide*, Chapter 6, Section 6.3.
Expert software installation for a networked workstation is complete.	If your workstation is part of a network, you are finished with Expert 4.0.3 software installation. If you made modifications to the User.cm, you must boot the workstation for the new User.cm changes to take effect. If you are installing Expert 4.0.3 on a standalone workstation, continue with step 12.

Step	Instructions
12. Boot the 6080 software installer disk.	It is necessary to install the Expert Time Setter Utility on standalone workstations. Insert the floppy disk labeled *6080 Xerox Expert 4.0.3: Installer* in the floppy disk drive and do a 2-boot. Set the workstation time when requested. In a few minutes, the system displays the main menu. From the main menu, type the number corresponding to **Expert: 6080 Special Installation and Error Recovery Commands (from floppies)** and press **RETURN**. The system displays a new menu.
Install the Time Setter Utility on a standalone workstation.	Type the number corresponding to **Install Time Setter Utility On Standalone Workstation** and press **RETURN**. Insert the floppy disk labeled *6080 Xerox Expert 4.0: Time Setter* in the floppy disk drive when requested and press **RETURN**. The system displays the menu when finished.
Boot the workstation.	Type the number corresponding to **Start System** and press **RETURN**. Type **Y** when requested and press **RETURN**. If the workstation stops at codes 0138, 0139, or 0149 for any period of time, press the **B Reset** button on the processor.
Acknowledge standalone workstation.	When the system flashes codes 0322 and 0002, press and hold the **SKIP/NEXT** key on the keyboard until the system displays a code greater than 0322. Set the system time when requested.
Expert software installation on a standalone workstation is complete.	You are finished installing Expert 4.0.3 software on a standalone workstation.

3. Changes to the User.cm File

Expert 4.0.3 includes no changes to the User.cm file. The 4.0.2 release of Expert, however, did modify the User.cm file. These changes are shown below. If you are upgrading Expert from the 4.0 or 4.0.1 release, review the changes and decide whether you wish to either replace your current User.cm with the new one or modify it based on the changes we've made.

The 4.0.2 User.cm File

Section/Entry	Type of Change	Description
[Schematic Output] Device:	New default setting	The default setting for Device: is VRF.
[ARPA] HostAddress: Plotters: [Plotter] Model: Bytes per scanline: ServerType: Device:	New sections*	These sections are used by Expert when communicating with a Versatec Plot Server: Models 890 or 895, or ServeWare. Refer to *Using Expert*, Appendix 8.2 for a complete description of these parameters and options.
[Output Server Tool] Host:	New entry*	The Host: entry lets you specify the name of either an Output Server or a Plot Server.
[IGES] CALS class: Max bend: Vectorize splines: EOL:	New entries	This section includes new entries for IGES CALS conversion. CALS class:, Max bend:, Vectorize splines:, and EOL: are described in *Expert Drafting*, Chapter 6, Section 6.1.3.
[IDT 1054] Device type: Protocol: Line speed: Parity: Character length: Stop bits: Flow control:	New section	Use this section to define the default settings for the IDT 1054 local tape drive. Device type:, Protocol:, Line speed:, Parity:, Character length:, Stop bits:, and Flow control: are described in *Using Expert*, Chapter 6, Section 6.4.

*   These sections and entries were included in the 4.0 User.cm file, but were not operational.

6085 and 6085-2 Floppy Disk Set

The 4.0.3 release of Expert for the 6085 and 6085 Model 2 workstations includes 11 new floppy disks. To load all Expert software from floppy disks, you will also need 10 floppies retained from Expert 4.0 and 2 from Expert 4.0.2.

☒ 6085 Xerox Expert 4.0: Special Installation # 1

☒ 6085 Xerox Expert 4.0: Special Installation # 2

   6085 Xerox Expert 4.0.3: VP Expert Foundation (1 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Foundation (2 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Foundation (6085-2 only) (1 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Foundation (6085-2 only) (2 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Drafting (1 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Drafting (2 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Schematics (1 of 2)

   6085 Xerox Expert 4.0.3: VP Expert Schematics (2 of 2)

■ 6085 Xerox Expert 4.0.2: VP Expert Placement and Routing

   6085 Xerox Expert 4.0.3: VP Expert Common Software (1 of 3)

   6085 Xerox Expert 4.0.3: VP Expert Common Software (2 of 3)

   6085 Xerox Expert 4.0.3: VP Expert Common Software (3 of 3)

☒ 6085 Xerox Expert 4.0: Expert Essential Data (1 of 2)

☒ 6085 Xerox Expert 4.0: Expert Essential Data (2 of 2)

☒ 6085 Xerox Expert 4.0: Expert SansSerif Fonts (1 of 2)

☒ 6085 Xerox Expert 4.0: Expert SansSerif Fonts (2 of 2)

☒ 6085 Xerox Expert 4.0: Expert Typewriter Fonts (1 of 2)

☒ 6085 Xerox Expert 4.0: Expert Typewriter Fonts (2 of 2)

☒ 6085 Xerox Expert 4.0: Drawing Formats and Templates

☒ 6085 Xerox Expert 4.0: System Library Files (1 of 2)

☒ 6085 Xerox Expert 4.0: System Library Files (2 of 2)

■ 6085 Xerox Expert 4.0.2: Expert Utilities

☒ VP File Conversion of Expert/PROCAD Illustrations 4.0

☒ Retain from 4.0 software set.
■ Retain from 4.0.2 software set.

8010 Floppy Disk Set

The 4.0.3 release of Expert for the 8010 workstation includes 3

8010 Software

☒ 8010 Xerox Expert 4.0: Special Installation

8010 Xerox Expert 4.0.3 (1 of 3)

8010 Xerox Expert 4.0.3 (2 of 3)

8010 Xerox Expert 4.0.3 (3 of 3)

☒ 8010 Xerox Expert 4.0: Expert Essential Data

☒ 8010 Xerox Expert 4.0: Expert SansSerif Fonts

☒ 8010 Xerox Expert 4.0: Expert TypeWriter Fonts

☒ 8010 Xerox Expert 4.0: Drawing Formats and Templates

☒ 8010 Xerox Expert 4.0: System Library Files

■ 8010 Xerox Expert 4.0.2: Expert Utilities

☒ VP File Conversion of Expert/PROCAD Illustrations 4.0

☒ Retain from 4.0 software set.
■ Retain from 4.0.2 software set.

new floppy disks. To load all Expert software from floppy disks, you will also need 7 floppies retained from Expert 4.0 and 1 from Expert 4.0.2.

The 4.0.3 release of Expert does not include floppy disks for the 6080 color workstation. If you require floppy disks for installing Expert 4.0.3 on a 6080 workstation, contact your Xerox Sales Representative.