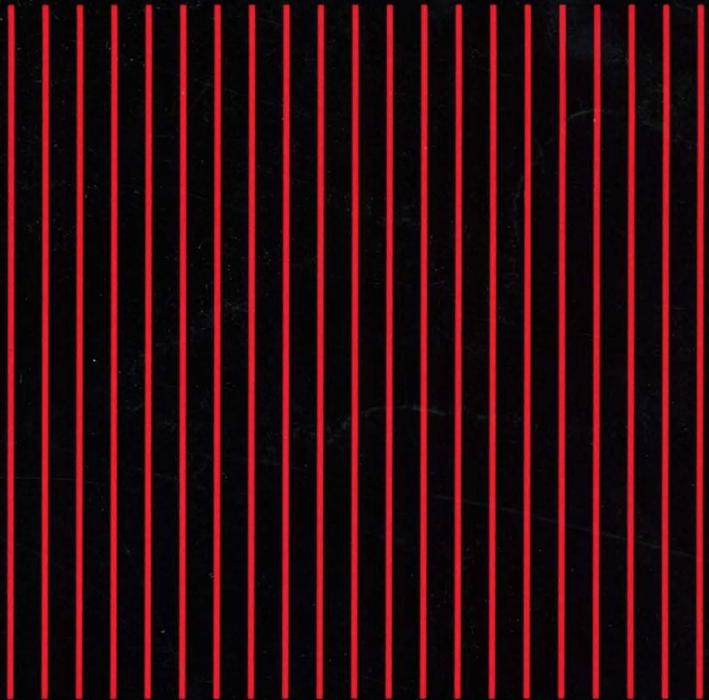# XEROX

Xerox GLOBALVIEW

VP 3.0 Software Installation Guide: 6085 Series

VP Series Applications

XEROX

Xerox GLOBALVIEW

VP 3.0 Software Installation Guide: 6085 Series

VP Series Applications
VP Series Reference Library, Version 3.0

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Introduction

This guide contains the information you need to install Xerox VIEWPAK (VP) 3.X software on a 6085-2 or 6085 Professional Computer System. It provides instructions for installing software from floppy disks, network file drawers, or cartridge tapes.

Note: XWS 3.X refers to the latest version of XWS Release 3 software.

You must install VP 3.X software before you can operate your workstation within the GLOBALVIEW environment and create a desktop.

VP 3.X software consists of the following:

- Xerox Workstation Software (XWS)
- VIEWPAK applications software.

Note: Throughout this document, VIEWPAK software is referred to as VP software.

About this guide

This guide contains the following chapters:

Overview   Chapter 1 provides an overview of the steps necessary to install the following software on a 6085-2 or 6085 Professional Computer System:

- VP 3.X (XWS software)
- VP series Applications software.

The overview also describes workstation configurations, pre-loaded software, and guidelines to help make the software installation process as easy as possible.

Installing from floppy   Chapter 2 provides the procedures you need to install software from floppy disks.

Installing from the network   Chapter 3 provides the procedures you need to install software from a network file drawer.

Installing from tape   Chapter 4 provides the procedures you need to install software from a cartridge tape.

Enabling software options   Chapter 5 provides the procedures you need to enable software options using the password method or the Software Enabler Floppy disk method.

Troubleshooting   Chapter 6 provides guidelines and a checklist for troubleshooting common problems.

Setting the time   Chapter 7 provides a procedure for setting the time on a standalone or remote workstation.

Workstation desktop icons and function keys
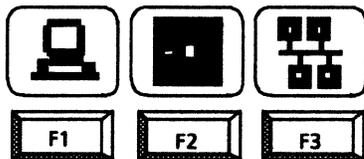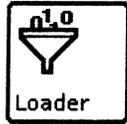
Procedures in this document require the use of some or all of these workstation icons and function keys:

Directory—Provides access to all system resources, including data and applications. The directory contains several levels of dividers, such as the Workstation, Desktop, and Network dividers, to group the resources.

Application Loader—Runs application software. During installation you load VP application software into the Application Loader.

Floppy Drive—Provides access to floppy disk management functions. With it, you can move or copy files to and from floppy disks, format disks, delete files from disks, eject disks, and erase disks.

Tape Drive—Provides access to cartridge tape management functions. With it, you can move or copy files to and from cartridge tapes, delete files from cartridges tapes, and erase cartridge tapes.

OPEN key—Opens the window for an icon you select.

COPY key—Copies the object you select to a new destination, leaving the original intact.

PROP'S key—Displays or closes the property sheet of an object you select.

DEL key—Deletes an object you select. This key does not delete the directory or its contents.

SKIP/NEXT key—Advances the cursor from the current field to the next. This key is active for property sheets, option sheets, and windows containing fields.

Boot soft keys—A visual representation of the top-row function keys, appearing at the bottom of the screen. These keys represent from left to right, booting the workstation rigid disk, booting from floppy disk, and booting from the network installation utility.

This icon contains the VP applications you need when installing software from a network file drawer. You open this icon and copy the applications you want into the Application Loader.

Hardware and software requirements

Xerox VP 3.X software can be installed on a 6085-2 or 6085 Professional Computer System that has 2.0 software installed, with at least 40 megabytes of disk capacity. Installation also requires approximately 8000 free disk pages for the upgrade process. These disk pages are available after the upgrade is completed.

You must complete hardware installation and configure your system before you can install any software. Refer to the *6085-2 Professional Computer System Hardware Reference* in this library to complete your hardware installation and to configure your system.

Documentation conventions

This guide uses the following typographical conventions:

The *VP Series Reference Library* uses the following conventions:

- Angle brackets. The names of workstation keys and alternate function keys are enclosed within angle brackets; for example, the <OPEN> key and the <PROPS> key. This convention applies to alphabetic and numeric keys. It does not apply to words used to describe keys marked with arrow symbols, such as the tab key.

- Italics. Application names beginning with VP and XWS, user guide names, and the library name appear in *italics*.

- Bold. Names of properties, options, selections in the User Profile, notes, and information you must type appear in **bold**. The wording found on installation software labels for tapes or floppy disks also appears in bold.

Notes and cautions have special meanings, as shown below:

Note: Comments or explanations set off from the text as a separate paragraph so that you can skim over it if it is not needed.

CAUTION: Cautions are used to advise you of possible data loss or equipment damage.

1. Overview

This chapter helps you prepare to install the following software on the 6085-2 and 6085 Professional Computer Systems:

*   Xerox Workstation Software (XWS) 3.X
*   VP applications.

Note: XWS 3.X refers to the latest version of XWS release 3 software.

⚠ **CAUTION:** XWS 3.X software requires that all workstations running this software be resident on a Xerox Network System (XNS) Services 11.2 Mail Service. Do not install 3.X software on any workstation if its network mail server is not running 11.2 Mail Service software.

This guide contains procedures for each type of workstation. When procedures are common to both 6085-2 and 6085 workstations, only one is provided. Please refer to the procedures for your workstation type.

You must complete hardware installation and configuration before you can install any software. Refer to the *Xerox 6085-2 Professional Computer System Hardware Reference* to complete your hardware installation.

Figure 1-1. **Xerox 6085-2 Professional Computer System**
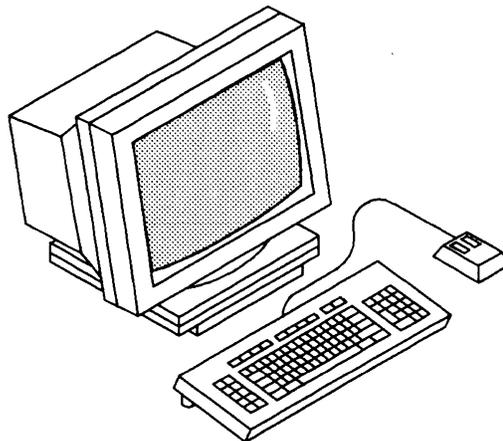
Workstation configurations

You can configure your 6085-2 or 6085 workstation for one of the following modes of operation:

- Network
- Remote
- Standalone.

To make sure you use the correct procedures, determine the workstation's configuration before beginning software installation. Ask your System Administrator if you are not sure how to do this.

This section briefly describes the workstation configurations and software installation procedures.

Network workstations

Network workstations connect directly to the Ethernet using a drop cable and transceiver. For network workstations, you can install both basic XWS software and VP applications from the following sources:

- Floppy disks
- Network file drawer
- Cartridge tape.

Consult your System Administrator to verify that network installation is available. Installing software from a network requires that the network have the following software and file drawers available:

- Boot Service with the appropriate software installed

- XWS 3.X software available in an Installation Drawer

- Required and optional applications available in a VP Applications file drawer.

If you are installing software on a network workstation, use the worksheet at the end of this chapter to record your network information. Consult your System Administrator if you have any questions.

Note: Remote and standalone workstations also have network numbers to facilitate connection to a network at a later date, if desired.

XWS software must be loaded and running before performing these steps.

Remote workstations

Remote workstations can communicate with the network over telecommunication lines using a modem connected to the workstation RS232C interface.

For remote workstations you can install basic XWS software from the following sources:

- Floppy disks
- Cartridge tape.

You can install VP applications and font software from the following sources:

- Floppy disks
- Network file drawer
- Cartridge tape.

Note: Consult your System Administrator to verify that network installation is available, and for the network location of the VP Applications network file drawer.

Standalone workstations

Standalone workstations are not connected to a network. You can install both basic XWS software and VP applications from the following sources:

- Floppy disks
- Cartridge tape.

Pre-loaded software

Optionally, 6085-2 and 6085 systems can be shipped pre-configured and pre-loaded with the required XWS and (optionally) VP Series application and font software. Please check with your Xerox Sales Analyst to determine whether your system has been pre-loaded with software or if you need to load software.

Optional applications loaded on a pre-loaded system may not match the current version in your media library. After comparing the version levels of the installed software with those provided on floppy disks or tapes, upgrade any non-current VP applications. Refer to the "Automatic Loader Upgrader" section within the "Installing from tape" chapter.

CAUTION: If your workstation was loaded with the required XWS basic software, but not the VP Series application software, do not perform the complete software installation procedures in this guide. Skip to the section called "Installing VP applications and screen fonts" for your particular method of installation (floppy disk, network, or cartridge tape).

If your workstation has already been loaded with the required XWS basic software and the VP Series application software, do not perform any of the software installation procedures in this guide. Just enable the software to begin normal operation. See the "Enabling software options" chapter.

Check your installation media

If you are using floppy disk or cartridge tape to install your software, make sure that you have the latest version of software available. Also, check that you are using the correct floppy disks or cartridge tapes.

The software shipped with your system is divided into the following categories:

• Software that is specific to the 6085-2 or 6085 workstation

• Software that is common to both 6085-2 and 6085 workstations.

Make sure that you read the packing information shipped with the software, and that you follow all the instructions carefully. This packing list includes the correct version numbers for the software. If you receive floppy disks or cartridge tapes from your System Administrator, make sure the set you receive is correct for your workstation.

If you are using the network to install software, check with your System Administrator to make sure the Boot Service is running before you perform the installation.

Installation guidelines

This guide contains the steps you follow to upgrade to XWS 3.X from an earlier version of Release 2 software or to install XWS software for the first time. It has complete steps for each method of software installation (floppy disk, network, or cartridge tape).

Perform only the procedures for your type of installation. Figure 1-2 illustrates the general installation steps for each installation procedure.

CAUTION: If you are upgrading a 6085 Professional Computer System to a 6085-2 Professional Computer System, do not perform any procedure in this chapter until Technical Support installs the new hardware and the basic XWS software. Once this is complete, perform the "Installing VP applications and screen fonts" procedure. Do not perform any other procedures in this chapter.

Figure 1-2. **Software installation steps**

Upgrading XWS software

Start here if:
- A previous version of XWS (2.0 or higher) is installed on the workstation **and**
- Desktops containing data reside on the workstation

Upgrading to the latest version of XWS 3.X
- **Boot the installer utility software**
- **Delete previous XWS software**

Installing XWS software for the first time

Start here if:
- XWS software was not previously installed on the workstation **and/or**
- The workstation does not contain desktops or data you want to keep

Installing XWS software for the first time
- **Boot the installer utility software**
- **Partition the workstation disk**

Install basic XWS 3.X software

↓

Install VP applications and screen fonts

↓

Enable software options
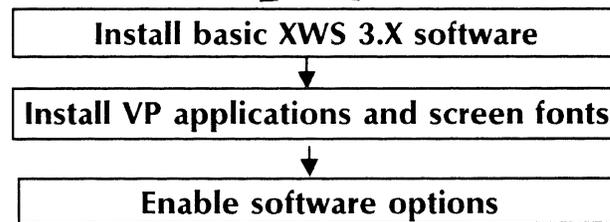
Upgrading XWS software

Release 2 software is installed on the workstation and you want to upgrade to XWS 3.X, refer to the "Upgrading to XWS 3.X software" procedure in the chapter for your method of installing software (floppy disk, network, or cartridge tape).

⚠ **CAUTION:** Do not repartition your workstation's rigid disk. Desktops retained on the workstation should remain intact provided the workstation is not partitioned. It is recommended, however, that you create new desktops after software installation and that you store individual documents and folders on floppy disks or in file drawers rather than storing complete desktops on a File Service.

Keep the following points in mind when upgrading to XWS 3.X software:

- The amount of disk space required for XWS 3.X depends on the applications you load on your workstation. As a minimum, however, make sure you have **3,500 free disk pages** before you upgrade.

- Use this method if the workstation contains desktops and data you want to keep.

- You do not need to enable the software options that were enabled before the upgrade. If you load new software

options, you need to enable those options. See the "Enabling software options" chapter.

Installing XWS software for the first time

If you are installing XWS software on a workstation for the first time, refer to the "Installing XWS software for the first time" procedure in the chapter for your method of installing software (floppy disk, network, or cartridge tape).

⚠ **CAUTION:** Installing XWS software for the first time requires that you partition your workstation's rigid disk. Partitioning a disk destroys all files on the disk. You must store all necessary files on floppy disks or a network File Service before partitioning your rigid disk.

Using the mouse
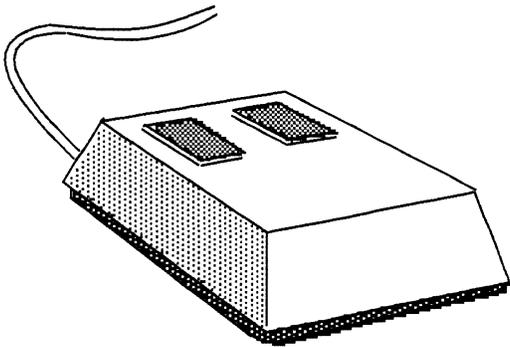
The mouse is a pointing device you use to select objects displayed on your desktop. As you move the mouse, the pointer reflects the movement on your display. The pointer takes on different shapes, depending on the function you are performing.

To select an object, move the mouse to position the pointer over the desired object and press the left mouse button.

Note: For additional information on using the mouse, refer to the *VP QuickStart Tutorial.*

Planning for the installation

This section contains an Installation Worksheet you can use to record information about your network and workstation configurations. Fill out a copy of the worksheet for each workstation you are installing.

Filling out the worksheet

This section shows you how to record information in each part of the Installation Worksheet. You use this worksheet, along with the checklist you fill out in the "Enabling software options" chapter, during the installation process.

Network information

Fill out the "Network information" part of your worksheet if you are installing software on a network workstation.

Network number—Record the network number identifying the network to which this workstation is connected. If you do not know the network number, you can follow the steps listed below

or consult your System Administrator. XWS software must be loaded and running before performing the following steps.

Follow these steps to display the network number:

1. Select [Test] in the desktop auxiliary menu.

2. Select [Echo Test].

3. The network number is part of the Local Network address. Record these numbers on the worksheet.

4. After obtaining the Local Network address information, select [Close All] to close the Online Diagnostics window.

User name—Record the fully qualified name of the user assigned to this workstation. Each user must have a fully qualified name to log on and create a desktop.

Password obtained—Indicate whether the user has obtained a password. Each user must have a password to log on and create a desktop.

Location of network file drawers

Fill out the "Location of network file drawers" part of your worksheet to identify the names of the file drawers users can access to install software and VP applications.

Installation Drawer—Record the fully qualified name of the network file drawer that contains the basic XWS 3.X software.

VP Applications file drawer—Record the fully qualified name of the network file drawer that contains the VP applications and screen fonts.

Workstation information

Fill out the "Workstation information" part of your worksheet to identify information specific to this workstation.

Processor serial number—Record the number as listed on the packing list shipped with the workstation. The number is also stamped on the silver plate located on the left interior wall of the workstation processor. To open the processor's rear cover, squeeze the square clips below the floppy disk drive.

Workstation type—Check whether this is a network, remote, or standalone workstation.

Basic XWS software installed from—Check whether software can be installed from floppy disks, cartridge tapes, or from the network.

VP applications and fonts installed from—Check whether software can be installed from floppy disks, cartridge tapes, or from the network.

Installation Worksheet

Network Information

Network number: _____

Fully qualified XNS user name: _____
name:domain:organization

Password obtained: [ ] Yes

Locations of Network file drawers

Installation file drawer: _____
name:domain:organization

VP Applications file drawer: _____
name:domain:organization

Workstation information

Processor serial number: _____

Workstation type: [ ] network   [ ] remote   [ ] standalone

Basic XWS software installed from: [ ] floppy disk   [ ] cartridge tape   [ ] network

VP applications and fonts installed from:
[ ] floppy disk   [ ] cartridge tape   [ ] network

2. Installing from floppy
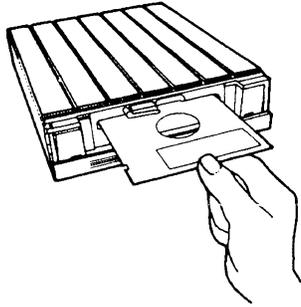
This chapter contains the procedures you follow to install Xerox XWS 3.X software and VP applications on a 6085-2 or 6085 workstation from floppy disks. You must install software in the order indicated in the procedures. The following installation procedures apply to networked, remote, or standalone workstations:

- Booting the installer on a 6085-2 workstation
- Booting the installer on a 6085 workstation
- Upgrading to XWS 3.X software
- Installing the basic XWS 3.X software
- Installing XWS software for the first time
- Installing the basic XWS 3.X software
- Starting the system
- Logging on and creating a desktop
- Copying the Application Loader icon to your desktop
- Copying the Floppy Drive icon to your desktop
- Installing the applications and screen fonts
- Installing Help documents.

CAUTION: XWS 3.X software requires that all workstations running this software be resident on a Xerox Network System (XNS) Services 11.2 Mail Service. Do not install 3.X software on any workstation if its network mail server is not running 11.2 Mail Service software.

If you are upgrading a 6085 Professional Computer System to a 6085-2 Professional Computer System, do not perform any procedure in this chapter until Technical Support installs the new hardware and the basic XWS software. Once this is complete, perform the "Installing VP applications and screen fonts" procedure. Do not perform any other procedures in this chapter.

Booting the installer floppy disk

This section describes how to boot the installer utility software from floppy on a 6085 or 6085-2 workstation. Use the correct procedure for your workstation.

Booting the installer on a 6085-2 workstation

The 6085-2 XWS Installer utility software is supplied on these floppy disks:

- **6085-2 XWS 3.X, Installer # 1**
- **6085-2 XWS 3.X, Installer # 2**
- **6085-2 XWS 3.X, Installer # 3.**

Follow these steps to boot the installer on a 6085-2 workstation:

1. Make sure the workstation is powered on.

2. Insert the floppy disk labeled **6085-2 XWS 3.X, Installer # 1** into the floppy disk drive.

3. Press the red B Reset button on the processor's front panel.

   Boot soft keys, which are a visual representation of the top row of function keys, appear at the bottom of the screen.

4. Press < F2 > after the boot soft keys appear. This boots the installer utility software from floppy disk. After about 45, the system displays a maintenance code of 2222.

CAUTION: If you do not press < F2 > within 30 seconds, the workstation continues to boot as if you had pressed < F1 >. If that occurs, wait until your workstation completes a normal boot. Then start again at step 3. If you interrupt the boot process, you could damage some of the files, making it necessary to run File Check to restore your files.

5. Insert the floppy disk labeled **6085-2 XWS 3.X, Installer # 2** into the floppy disk drive.

   After a few moments, "Please load the floppy labeled 6085-2 XWS 3.X, Installer # 3" prompt appears.

6. Insert the floppy disk labeled **6085-2 XWS 3.X, Installer # 3** into the floppy disk drive. After a few moments, the Installer main menu appears:

```
MAIN MENU:
    1   HOW TO USE THE INSTALLER
    2   XWS: 6085-2 Install XWS Software (from floppies)
    3   XWS: 6085-2 Install XWS Software (from TAPE)
    4   XWS: 6085-2 Install Pro Print Service (from floppies)
    5   XWS: 6085-2 Partition Workstation Disk
    6   XWS: 6085-2 Special Installation and Error Recovery Commands (from floppies)
    7   XWS: 6085-2 Special Installation and Error Recovery Commands (from TAPE)
    8   XWS: 6085-2 Add LAN Services (from floppies)
```

If you are installing software on a standalone or remote workstation, the "Time is not set" message appears. You must set the date and time to proceed. Refer to the "Setting the time" chapter.

Booting the installer on a 6085 workstation

The 6085 XWS Installer utility software is supplied on these floppy disks:

* **6085 XWS 3.X, Installer #1**
* **6085 XWS 3.X, Installer #2.**

Follow these steps to boot the installer on a 6085 workstation:

1. Make sure the workstation is powered on.

2. Insert the floppy disk labeled **6085 XWS 3.X, Installer #1** into the floppy disk drive.

3. Press the red B Reset button on the processor's front panel.

   Boot soft keys, which are a visual representation of the top row of function keys, appear at the bottom of the screen.

4. Press <F2> after the boot soft keys appear. This boots the installer utility software from floppy disk. After a few moments, you are requested to insert the floppy disk labeled **6085 XWS 3.X, Installer #2**, in the floppy disk drive.

CAUTION: If you do not press <F2> within 30 seconds, the workstation continues to boot as if you had pressed <F1>. If that occurs, wait until your workstation completes a normal boot. Then start again at step 3. If you interrupt the boot process, you could damage some of the files, making it necessary to run File Check to restore your files.

5. Insert the floppy disk labeled **6085 XWS 3.X, Installer #2** into the floppy disk drive. After a few moments, the Installer main menu appears:

```
MAIN MENU:
   1   HOW TO USE THE INSTALLER
   2   XWS: 6085 Install XWS Software (from floppies)
   3   XWS: 6085 Install XWS Software (from TAPE)
   4   XWS: 6085 Install Pro Print Service (from floppies)
   5   XWS: 6085 Partition Workstation Disk
   6   XWS: 6085 Special Installation and Error Recovery Commands (from floppies)
   7   XWS: 6085 Special Installation and Error Recovery Commands (from TAPE)
   8   XWS: 6085 Add LAN Services (from floppies)
```

If you are installing software on a standalone or remote workstation, the "Time is not set" message appears. You must set the date and time to proceed. Refer to the "Setting the time" chapter.

Preparing to install software

Perform one of the following procedures as appropriate for your type of installation:

- Upgrading to XWS 3.X software
- Installing XWS software for the first time.

Before starting this procedure, have available the XWS 3.X floppy disks including the applications you want to install.

Upgrading to XWS 3.X software

If a previous version of XWS software is installed on the workstation and you want to upgrade to the latest version of XWS 3.X, you need to delete the current software. Begin this procedure from the Installer main menu.

```
MAIN MENU:
    1   HOW TO USE THE INSTALLER
    2   XWS: 6085-2 (or 6085) Install XWS Software (from floppies)
    3   XWS: 6085-2 (or 6085) Install XWS Software (from TAPE)
    4   XWS: 6085-2 (or 6085) Install Pro Print Service (from floppies)
    5   XWS: 6085-2 (or 6085) Partition Workstation Disk
    6   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
    7   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
    8   XWS: 6085-2 (or 6085) Add LAN Services (from floppies)
```

Follow these steps to delete the current XWS software:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands** (from floppies) and press the return key. After a few moments, a new menu of options appears.

2. Type the number corresponding to **Delete All 6085-2 (or 6085) System Data Files Including ALL Applications** and press the return key.

3. Type **Y** and press the return key to confirm. The menu displays during the initial part of the deletion process. Then, the workstation boots automatically.

    The boot soft keys appear and the workstation boots as if you had pressed < F1 >. The maintenance code cycles to 7600 and finally to 7604.

    CAUTION: Do not interrupt this process. You could damage some of the files, making it necessary to run File Check to restore them.

4. When the 7604 maintenance code appears, boot the installer from floppy disk again as previously described in the "Booting the installer on a 6085-2 (or 6085) workstation" procedure. When the main menu appears, continue with the "Installing the basic XWS 3.X software" procedure in this chapter.

Installing From Floppy

Installing XWS software for the first time

This procedure partitions the rigid disk. This process prepares your workstation's rigid disk to receive and store data by dividing the space on the rigid disk into logical volumes. Partition the rigid disk only if you are installing XWS software on the workstation for the first time.

CAUTION: You must backup all data on the workstation to floppy disks or to a network file drawer before partitioning the rigid disk. Partitioning erases all data, desktops, emulated fixed disk contents, and product factoring information on the workstation's rigid disk. It is recommended that you create new desktops after software installation and that you store individual documents and folders on floppy disks or in file drawers rather than storing complete desktops on a File Service.

This procedure is not necessary if your system was shipped pre-configured and pre-loaded with the required software. Please check with your Xerox Sales Analyst to determine if you need to load software.

This procedure is not necessary if you are upgrading your workstation from an older version of XWS software to the latest version of XWS 3.X. Refer to the "Upgrading to XWS 3.X software" procedure earlier in this section.

Follow these steps to partition the rigid disk:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Partition Workstation Disk** and press the return key. Additional options appear.

2. Type the number corresponding to **Partition 6085-2 (or 6085) Workstation Disk** and press the return key. The following message appears:

> WARNING: – PARTITIONING DESTROYS ALL DESKTOPS AND OTHER DATA ON WORKSTATION DISK !!!
> Confirm ? (Y/N):

3. Type **Y** and press the return key if you have stored all files on floppy disks, in file drawers, or if this is an initial installation. A second confirmation appears:

> ALL DESKTOPS ON WORKSTATION WILL BE DESTROYED.
> Are you sure you want to continue?
> Confirm ? (Y/N):

4. Type **Y** if this is an initial installation or if you have stored all files on floppy disks or in file drawers.

Partitioning takes approximately 10 minutes. After partitioning is complete, the "Disk partitioned" message appears followed by additional options.

5. Type the number corresponding to the **Return to MAIN MENU** option and press the return key.

6. Continue with the "Installing the basic XWS 3.X software" procedure.

Installing the basic XWS 3.X software

Use this procedure to copy basic XWS and essential application software from floppy disk to the workstation's rigid disk. Begin this procedure from the Installer main menu:

```
MAIN MENU:
  1   HOW TO USE THE INSTALLER
  2   XWS: 6085-2 (or 6085) Install XWS Software (from floppies)
  3   XWS: 6085-2 (or 6085) Install XWS Software (from TAPE)
  4   XWS: 6085-2 (or 6085) Install Pro Print Service (from floppies)
  5   XWS: 6085-2 (or 6085) Partition Workstation Disk
  6   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
  7   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
  8   XWS: 6085-2 (or 6085) Add LAN Services (from floppies)
```

The following floppy disks are necessary for this procedure:

- **6085-2 (or 6085) XWS 3.X, Basic Workstation floppies 1-6**
- **XWS 3.X, Basic Workstation data floppies 1-3**
- **XWS 3.X, Common Software floppies 1-5**
- **XWS 3.X, Essential Applications**
- **VP Document Editor 3.X floppies 1-5.**

Note: When you use floppy disks to install your software, make sure that you have the latest version of software available and that you are using correct floppies for your workstation.

Follow these steps to install basic XWS and essential VP applications:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Install XWS Software (from floppies)** and press the return key. The following menu of options appears:

```
  1   Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document
      Editor
  2   Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document
      Editor
  3   Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP
      Document Editor
  4   Start 6085-2 (or 6085) System
  5   Return to MAIN MENU
```

2. Type the number for the option that matches your workstation configuration as follows:

   - If you are installing software on a network workstation, select **Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor**.

   - If you are installing software on a remote workstation, select **Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor**.

   - If you are installing software on a standalone workstation, select **Install STANDALONE 6085-2 (or 6085)**

Installing From Floppy

WORKSTATION with XWS, XWS Standalone and VP Document Editor.

3. Press the return key. A confirmation message appears.

4. Type **Y** and press the return key to confirm that you are ready to proceed.

5. At the prompts, insert the floppy disks when requested by the system.

Installation takes approximately one hour. After installation is complete, a message displays and a menu appears. Continue with the "Starting the system" procedure.

Starting the system

After installing basic XWS software, you start the system. Begin this procedure from the following menu:

> 1 Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor
>
> 2 Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor
>
> 3 Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP Document Editor
>
> 4 Start 6085-2 (or 6085) System
>
> 5 Return to MAIN MENU

Follow these steps to start the workstation:

1. Type the number corresponding to **Start 6085-2 (or 6085) System** and press the return key.

2. Type **Y** and press the return key to confirm that you are ready to proceed. Remove the last floppy disk from the floppy disk drive.

3. If you are installing XWS software on a standalone or remote workstation, the message "Time is not set" appears. You must set the date and time to proceed. Refer to the "Setting the time" chapter.

    If you are installing XWS software on the workstation for the first time, press **I** and **V** simultaneously for one second when the 7504 maintenance code appears. This is necessary to initialize the volume after partitioning the rigid disk.

During initial startup, the following maintenance codes appear for an extended period of time:

- 7600
- 7700
- 7800.

After approximately 20 to 30 minutes, a bouncing Xerox GLOBALVIEW logo appears on the screen indicating that XWS software was successfully installed and started. Continue with the "Installing VP applications and fonts" procedure.

Note: If the bouncing Xerox GLOBALVIEW logo does not appear or if maintenance codes other than those listed above appear, refer to the recovery instructions in the "Troubleshooting" chapter.

Installing From Floppy

Installing VP applications and screen fonts

This section describes how to install VP applications and screen fonts. The installation instructions apply to network workstations.

Note: If you are installing VP applications software on a standalone or a remote workstation for the first time, you must create a Workstation Administrators desktop. See the *Workstation Administration and System Resources User Guide* in this library for complete instructions on logging on and creating desktops on a remote or standalone workstation.

Logging on and creating a desktop

Follow these steps to log on and create a desktop:

1. From the bouncing Xerox GLOBALVIEW logo, press any key to display the Logon option sheet.

2. Type your fully qualified name (name:domain:organization), and press <NEXT> (located on the right side of the keyboard).

3. Type your password and press <NEXT>.

4. Select [YES] on the Logon option sheet if the "Do you want a new desktop created for you?" option displays. After a few minutes, the desktop appears, with an object, called the Directory icon, in the lower right corner of the screen.

Copying the Application Loader icon to your desktop

Follow these steps to copy the Application Loader icon to your desktop:

1. Select the Directory icon and press <OPEN> (located on the left side of the keyboard). A window containing a list of available dividers opens on the left side of your screen.

2. Select the Workstation divider and press <OPEN>.

3. Select the Application Loader icon, press <COPY>, and select an area on the desktop.

Note: See the *General User Guide* in this library for more information regarding the Application Loader.

Copying the Floppy Drive icon to your desktop
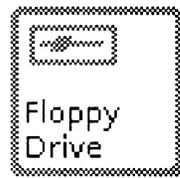
Floppy
Drive

Follow these steps to copy the Floppy Drive icon to your desktop:

1. Select the Local Devices divider and press <OPEN>.

2. Select the Floppy Drive icon, press <COPY>, and select a place on your desktop.

3. Select [Close All] to close the window.

Installing the VP applications and screen fonts

Keep the following points in mind when performing this procedure:

* Do not copy the contents of the training floppy disks to the Loader icon.

* Make sure you use the XWS 3.X application floppy disks when installing VP applications.

Note: This procedure applies to a closed loader icon only. If the loader window is open, the application does not automatically start. If you do not want all applications to automatically run after loading them, copy the applications into an open loader icon.

Follow these steps to install VP application or screen font software on the workstation's rigid disk:

1. Insert the floppy disk containing the applications you want to install into the floppy disk drive of the workstation.

Floppy
Drive

Loader

2. Select the Floppy Drive icon and press <OPEN> to display the Floppy Disk window.

3. Select the application or screen font you want to install, press <COPY>, and select the Loader icon as the destination.

A message appears in the desktop message area as the system copies, loads, and starts each application or screen font.

4. Repeat these steps for each application or screen font you wish to install on the workstation.
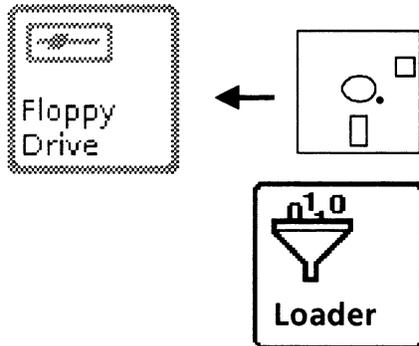
Installing Help documents

After you install XWS 3.X software and log on to your desktop, a Help folder icon appears in the upper right corner of the display. You can use this folder to store the Xerox Help documents.

The Help folder includes a file named "--READ ME FIRST.How to Use Help." This file shows how to use the Help system. If you were using an earlier version of XWS and did not repartition your disk, the folder also includes any Help documents you originally stored in it.

Follow these steps to install Help documents:

1. Select the Help folder icon by clicking the left mouse button once. The Help folder automatically opens.

2. Delete any help documents from previous versions of XWS. You can leave the file, "--READ ME FIRST.How to Use Help." You do not need to replace it unless there is a more recent version of that file on the floppy disk(s) that contain new Help documents.

3. The Help documents are contained on several floppy disks. Place the floppy disk labeled **XWS 3.X, Help Documents #1** in the floppy disk drive.

4. Open the Floppy Drive icon to display the contents of the floppy disk.

5. Select the files you wish to place in your Help folder.

6. Copy the files into the Help folder window.

Note: If you left the file named "--READ ME FIRST. How to Use Help" in the folder and try to copy the file with the same name from the floppy disk, XWS software displays the following message: "File --READ ME FIRST. How to Use Help already exists in Help folder. Replace file with selected file? |YES|NO|." Select the appropriate choice to continue.

7. Repeat steps 3 through 6 for the remaining Help floppy disks.

Completing the installation

To complete installation you must enable the software. Continue with the "Enabling software options" chapter.

Note: You do not need to enable software options if you upgraded from a previous version of XWS software. VP applications that you were previously running will still be enabled.

3. Installing from the network

This chapter contains the procedures you follow to install Xerox XWS 3.X software on a 6085-2 or 6085 workstation connected to the network. You must install the software in the order indicated in the procedures. This chapter includes the following procedures:

- Booting the network installer
- Logging on to the network installer
- Upgrading to XWS 3.X software
- Installing XWS software for the first time
- Installing the basic XWS 3.X software
- Starting the system
- Logging on and creating a desktop
- Installing the applications and screen fonts
- Installing Help documents.

CAUTION: XWS 3.X software requires that all workstations running this software be resident on a Xerox Network System (XNS) Services 11.2 Mail Service. Do not install 3.X software on any workstation if its network mail server is not running 11.2 Mail Service software.

The installation instructions that follow apply to networked 6085-2 or 6085 workstations only. You cannot use network installation to load basic XWS 3.X software on remote and standalone 6085-2 or 6085 workstations. However, remote workstations can install VP application software from a network file drawer.

Check with your System Administrator to make sure that the Boot Service is installed and running before attempting to install software over the network.

CAUTION: If you are upgrading a 6085 Professional Computer System to a 6085-2 Professional Computer System, do not perform any procedure in this chapter until Technical Support installs the new hardware and the basic XWS software. Once this is complete, perform the "Installing VP applications and screen fonts" procedure. Do not perform any other procedures in this chapter.

Booting the network installer
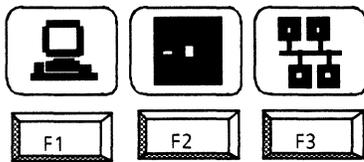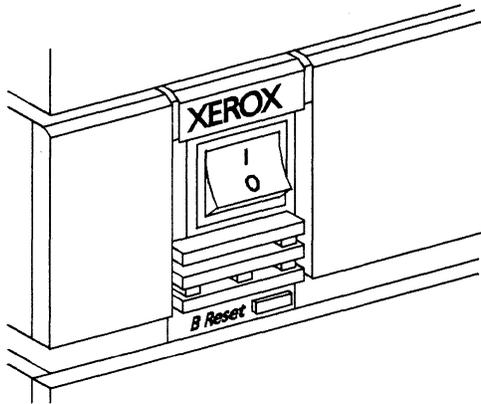
This procedure shows you how to boot the network installer utility software from a 6085-2 (or 6085) workstation. Make sure the network installation file drawer contains version 3.X software. If it is not, contact your System Administrator.

Follow these steps to boot the network installer:

1. Make sure the workstation is powered on.

2. Press the red B Reset button on the processor front panel.

   Boot soft keys, which are a visual representation of the top row of function keys, appear at the bottom of the screen.

3. Press <F3> when the boot soft keys appear on the screen.

A series of numbers, called maintenance codes, begin to cycle in the upper left corner of the screen. After a few moments, a list of options appears. If the maintenance codes do not display within two minutes, perform steps 2 and 3 again. If the maintenance codes still do not display, contact your System Administrator.

CAUTION: If you do not press <F3> within 30 seconds, the workstation boots as if you had pressed <F1>. If that occurs, wait until your workstation completes a normal boot. Then start again at step 2. If you interrupt the boot process, you could damage some of the files, making it necessary to run File Check to restore your files.

4. Type the number corresponding to the **Installer** option and press the return key. After a few moments the "Logon please" message appears. Continue with the "Logging on to the network installer" procedure.

Logging on to the network installer

Before continuing, make sure you know your fully qualified name (name:domain:organization) and your password. If you do not, contact your System Administrator.

You cannot use accented characters to log on during initial installation. If your name or password contains accented characters, ask your System Administrator to create an alias and/or password without accented characters for you to use during installation.

Follow these steps to log on to the network installer:

1. At the log on prompt, type your fully qualified name and press the return key. The password prompt appears.

2. Type your password and press the return key. In a few moments, the Installer main menu appears. Continue with the "Preparing for software installation" section. Make sure you choose the appropriate procedure for your installation, either "Upgrading to XWS 3.X software" or "Installing XWS software for the first time."

Installing From Network

Preparing to install software

Perform one of the following procedures as appropriate for your type of installation:

- Upgrading to XWS 3.X software
- Installing XWS software for the first time.

Upgrading to XWS 3.X software

If a previous version of XWS is installed on the workstation and you want to upgrade to the latest version of XWS 3.X, you need to delete the current XWS software. Start this procedure from the Installer main menu:

```
MAIN MENU:
    1   HOW TO USE THE INSTALLER
    2   XWS : 6085-2 (or 6085) Install Xerox Workstation Software (from net)
    3   XWS : 6085-2 (or 6085) Partition Workstation Disk
    4   XWS : 6085-2 (or 6085) Special Installation and Error Recovery Commands (from net)
```

For general information about installation, type **1** and press the return key.

Follow these steps to delete the current XWS software:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from net)** and press the return key. After a few moments, a new menu of options appears.

2. Type the number corresponding to **Delete All 6085-2 (or 6085) System Data Files Including ALL Applications** and press the return key.

3. Type **Y** and press the return key to confirm. The menu screen displays during the initial part of the deletion process. The boot soft keys appear and the workstation boots as if you had pressed < F1 >. The maintenance code cycles to 7600 and finally to 7604.

   CAUTION: Do not interrupt this process. You could damage some of the files, making it necessary to run File Check to restore them.

4. When the 7604 maintenance code appears, boot the network installer again and log on to the network installer. When the Installer main menu appears, continue with the "Installing the basic XWS 3.X software" procedure.

Installing XWS software for the first time

This procedure partitions the rigid disk. This process prepares your workstation's rigid disk to receive and store data by dividing the space on the rigid disk into logical volumes. Partition the rigid disk only if you are installing XWS software on the workstation for the first time.

CAUTION: You must backup all data on the workstation to floppy disks or to a network file drawer before partitioning the rigid disk. Partitioning erases all data, desktops, emulated fixed disk contents, and product factoring information on the workstation's rigid disk. It is recommended that you create new desktops after software installation and that you store individual documents and folders on floppy disks or in file drawers rather than storing complete desktops on a File Service.

This procedure is not necessary if your system was shipped pre-configured and pre-loaded with the required software. Please check with your Xerox Sales Analyst to determine if you need to load software.

This procedure is not necessary if you are upgrading your workstation from an older version of XWS software to the latest version of XWS 3.X. Refer to the "Upgrading to XWS 3.X software" procedure earlier in this section.

Follow these steps to partition the rigid disk:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Partition Workstation Disk** and press the return key. Additional options appear.

2. Type the number corresponding to **Partition 6085-2 (or 6085) Workstation Disk** and press the return key. The following message appears:

> WARNING: – PARTITIONING DESTROYS ALL DESKTOPS AND OTHER DATA ON WORKSTATION DISK !!!
> Confirm ? (Y/N):

3. Type **Y** and press the return key if you have stored all files on floppy disks, in file drawers, or if this is an initial installation. A second confirmation appears:

> ALL DESKTOPS ON WORKSTATION WILL BE DESTROYED.
> Are you sure you want to continue?
> Confirm ? (Y/N):

4. Type **Y** if this is an initial installation or if you have stored all files on floppy disks or in file drawers.

Note: Partitioning takes approximately 10 minutes. After partitioning is complete, the "Disk partitioned" message appears followed by additional options.

5. Type the number corresponding to the **Return to MAIN MENU** option and press the return key.

6. Continue with the "Installing the basic XWS 3.X software" procedure.

Installing the basic XWS 3.X software

Use this procedure to copy XWS software to the rigid disk of the workstation from a network Boot Service. Begin this procedure from the network installer main menu.

```
MAIN MENU:
    1   HOW TO USE THE INSTALLER
    2   XWS : 6085-2 (or 6085) Install XWS Software (from net)
    3   XWS : 6085-2 (or 6085) Partition Workstation Disk
    4   XWS : 6085-2 (or 6085) Special Installation and Error Recovery Commands
        (from net)
```

Note: If another menu is displayed, type the number to select the **Return to MAIN MENU** option and press the return key.

Follow these steps to install the basic XWS software on your workstation:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Install XWS Software (From net)** and press the return key. The following menu of options appears:

```
    1   Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document
        Editor
    2   Start 6085-2 (or 6085) System
    3   Return to MAIN MENU
```

2. Type the number corresponding to **Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor** and press the return key. A confirmation message appears.

3. Type **Y** and press the return key to confirm that you are ready to proceed.

Flashing symbol

Software installation takes approximately 20 to 30 minutes. Messages appear during the process and a flashing symbol appears periodically to indicate that installation is proceeding normally. After basic software installation is complete, a menu displays. Continue with the "Starting the system" procedure.
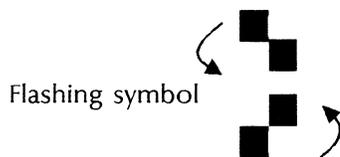
Starting the system

After installing basic XWS software, you start the system. Begin this procedure from the following menu:

```
1   Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS , VP NetCom and VP Document
    Editor
2   Start 6085-2 (or 6085) System
3   Return to MAIN MENU
```

Follow these steps to start the workstation:

1. Type the number corresponding to **Start 6085-2 (or 6085) System** and press the return key.

2. Type **Y** and press the return key to confirm you are ready to proceed.

3. If you are installing XWS on a workstation for the first time, press **I** and **V** simultaneously for one second when the 7504 maintenance code appears. This is necessary to initialize the volume after partitioning the rigid disk.

During initial startup, the following maintenance codes appear for an extended period of time:

- 7600
- 7700
- 7800.

After approximately 20 to 30 minutes, the bouncing Xerox GLOBALVIEW logo appears on the screen, indicating that XWS software was successfully installed and started. Now you can continue with the "Installing VP applications and screen fonts" procedure.

Note: If the bouncing Xerox GLOBALVIEW logo does not appear or if maintenance codes other than those listed above appear, refer to the recovery instructions in the "Troubleshooting" chapter.

<div style="writing-mode: vertical">Installing From Network</div>

Installing VP applications and screen fonts

This section describes how to install VP applications and screen fonts. The installation instructions apply only to workstations attached to the network, directly or using modem.

The software for each VP application or screen font is stored in the VP Applications Drawer. Ask your System Administrator for the exact location of the VP Applications Drawer before installing application software.

Logging on and creating a desktop

Follow these steps to log on to the workstation and create a desktop:

1. At the bouncing Xerox GLOBALVIEW logo, press any key to display the Logon option sheet.

2. Type your fully qualified name (name:domain:organization), and press <NEXT> (located on the right side of the keyboard).

3. Type your password and press <NEXT>.

4. Select [YES] on the Logon option sheet when the "Do you want a new Desktop created for you?" option displays. After a few minutes, the desktop appears, with an object, called the Directory icon, in the lower right corner of the screen.

Copying the Application Loader icon to your desktop
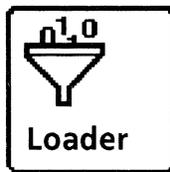
Loader

Follow these steps to copy the Application Loader icon to the desktop:

1. Select the Directory icon and press <OPEN> (located on the left side of the keyboard). A window containing a list of available dividers opens on the left side of your screen.

2. Select the Workstation divider and press <OPEN>.

3. Select the Application Loader icon, press <COPY>, and select an area on the desktop.

Note: See the *General User Guide* in this library for information regarding the Application Loader.

Installing the applications and screen fonts

To install applications and screen fonts from the network, you open the VP Applications Drawer and copy applications and screen fonts to the Application Loader.

Note: This procedure applies to a closed loader icon only. If the loader window is open, the application does not automatically start. If you do not want all applications to automatically run after you load them, copy the applications into an open loader icon.

The Help documents are not software; do not copy them to the Application Loader. Refer to the next procedure to copy the Help documents to the Help folder on your desktop.

Opening the VP Applications Drawer

Follow these steps to open the VP Applications Drawer:

1. Select the Directory icon and press < OPEN >. A window containing a list of available dividers opens.

2. Select the network divider in the Directory window and press < OPEN >.

3. Locate the desired File Service by opening the appropriate organization, domain, and filing divider icons.

4. Select the appropriate File Service Divider icon and press < OPEN >.

5. Select the VP Applications file drawer and press < OPEN >. The available applications display in the file drawer window.

Copying applications and screen fonts to the loader
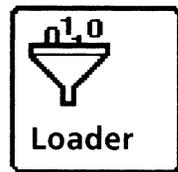
Follow these steps to install applications and screen fonts:

1. In the VP Applications Drawer, select the application or screen font you want to install and press < COPY >.

2. Select the Loader icon as the destination.

   A message appears in the desktop message area as the system copies, loads, and starts each application or screen font.

3. Repeat these steps to copy each application or screen font you want to install on the workstation.

Installing Help documents

```
┌─────────────┐
│   Help      │
└─────────────┘
```

After you install XWS 3.X software and log on to your desktop, a Help folder icon appears in the upper right corner of the display. You can use this folder to store the Xerox Help documents.

The Help folder automatically includes a file named "--READ ME FIRST.How to Use Help." This file shows how to use the Help system. The Help folder also includes any Help documents you loaded into the folder for earlier versions of XWS software.

Before continuing, ask your System Administrator for the network location of the file drawer containing the Help documents.

Follow these steps to install Help documents:

1. Select the Help folder icon by clicking the left mouse button once. The Help folder automatically opens.

2. Delete any help documents for previous versions of XWS software. You can leave the file, "--READ ME FIRST.How to Use Help." You do not need to replace it unless there is a more recent version of that file in the network file drawer.

3. Open the network file folder containing the Help documents.

4. Select the files you wish to place in your Help folder.

5. Copy the files into the Help folder window.

Note: If you left the file named "--READ ME FIRST. How to Use Help" in the folder and try to copy the file with the same name, XWS software displays the following message: "File --READ ME FIRST. How to Use Help already exists in Help folder. Replace file with selected file? |YES|NO|." Select the appropriate choice to continue.

Completing the installation

To complete installation you must enable the software. Continue with the "Enabling software options" chapter.

Note: You do not need to enable software options if you are upgrading from a previous version of XWS software. VP applications that you were previously running will still be enabled.

4.   Installing from tape
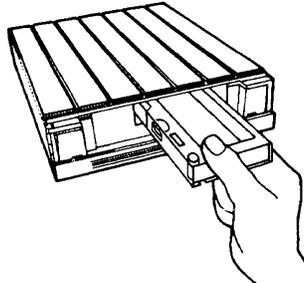
This chapter contains the procedures you follow to install Xerox XWS 3.X software on a 6085-2 or 6085 workstation from cartridge tape. The following procedures apply to networked, remote, or standalone workstations:

- Booting the tape installer
- Installing XWS 3.X software for the first time
- Upgrading to the latest version of XWS 3.X software.

CAUTION: XWS 3.X software requires that all workstations running this software be resident on a Xerox Network System (XNS) Services 11.2 Mail Service. Do not install 3.X software on any workstation if its network mail server is not running 11.2 Mail Service software.

If your workstation is new and XWS software has <u>not</u> already been installed, refer to the "Installing XWS 3.X software for the first time" section for complete instructions to install the new software.

If you are currently using XWS Release 2 (or greater) software, refer to the "Upgrading to XWS 3.X software" section for the information you need to upgrade your workstation.

CAUTION: If you are upgrading a 6085 Professional Computer System to a 6085-2 Professional Computer System, do not perform any procedure in this chapter until Technical Support installs the new hardware and the basic XWS software. Once this is complete, perform the "Installing VP series applications and fonts" procedure. Do not perform any other procedures in this chapter.

Before you begin

When you use cartridge tape to install your software, make sure you have the latest version of software available. Also, check that you are using the correct floppy disks and cartridge tapes.

The software shipped with your system is divided into the following categories:

- Software that is specific to the 6085-2 or 6085 Professional Computer System

- Software that is common to a variety of Xerox workstations, including the 6085-2, the 6085, and the 8010 Information System.

Make sure that you read the packing list shipped with the software, and that you follow all the instructions carefully. If you receive floppy disks or cartridge tapes from your System Administrator, make sure the set you receive is correct for your workstation.

Before you begin, make sure you have the necessary 3.X floppy disks and cartridge tapes:

Note: Floppy disks are required to boot the tape installer.

The following floppy disks are required for the installation of a 6085-2 workstation:

- **6085-2 XWS 3.X, Installer #1**
- **6085-2 XWS 3.X, Installer #2**
- **6085-2 XWS 3.X, Installer #3.**

The following floppy disks are required for the installation of a 6085 workstation:

- **6085 XWS 3.X, Installer #1**
- **6085 XWS 3.X, Installer #2.**

Have available the cartridge tape labeled **6085 and 6085-2 XWS and VP Applications 3.X** for the installation of a 6085-2 or a 6085 workstation.

This software may be updated from time to time and the version numbers may change (for example, from 3.X to 3.1). Make sure you use the most recent version available at your location.

Inserting and removing a cartridge tape
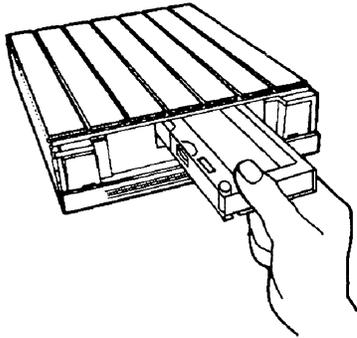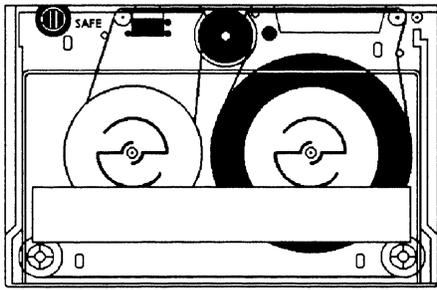
This procedure shows you how to insert and remove a cartridge tape. Refer to the *6085-2 Professional Computer System Hardware Reference Manual* in this Library for complete information about using the tape drive.

Follow these steps to insert a cartridge tape:

1. Open the tape drive cover by sliding the retractable door down and under the drive.

2. Insert the cartridge tape into the tape drive slot (metal plate down, with the notches in the plate to the left).

3. Press the cartridge tape into the drive until it stops; then release the cartridge tape letting it snap into position. Make sure it is latched in the drive.

Note: The tape drive makes a whirring sound during normal operation.

Follow these steps to remove a cartridge tape:

1. Make sure the tape drive is idle (no tape operation is in progress and the Tape Drive icon is not busy).

2. Open the tape drive cover, if necessary.

3. Push the tape cartridge until latch mechanism on the spring-loaded drive releases the cartridge tape with an audible click. When the cartridge tape partially ejects, remove it from the drive.

Booting the tape installer

This section describes how to boot the tape installer utility software from floppy disks on a 6085 or 6085-2 workstation. Use the correct procedure for your workstation.

Booting the tape installer on a 6085-2 workstation

The 6085-2 XWS Installer utility software is supplied on these floppy disks:

- **6085-2 XWS 3.X, Installer # 1**
- **6085-2 XWS 3.X, Installer # 2**
- **6085-2 XWS 3.X, Installer # 3.**

Follow these steps to boot the tape installer on a 6085-2 workstation:

1. Make sure the workstation is powered on.

2. Insert the floppy disk labeled **6085-2 XWS 3.X, Installer # 1** into the floppy disk drive.

3. Press the red B Reset button on the processor front panel.

    Boot soft keys, which are a visual representation of the top row function keys, appear at the bottom of the screen.

4. Press < F2 > after the boot soft keys appear. This boots the installer utility software from floppy disk. After about 45 seconds, a maintenance code of 2222 is displayed.

    CAUTION: If you do not press < F2 > within 30 seconds, the workstation continues to boot as if you had pressed < F1 >. If that occurs, wait until your workstation completes a normal boot. Then start again at step 3. If you interrupt the boot process, you could damage some of the files, making it necessary to run File Check to restore your files.

5. Insert the floppy disk labeled **6085-2 XWS 3.X, Installer # 2** in the floppy disk drive.

    After a few moments, the "Please load the floppy labeled 6085-2 XWS 3.X, Installer # 3" prompt appears.

6. Insert the floppy disk labeled **6085-2 XWS 3.X, Installer # 3** into the floppy disk drive. After a few moments, the Installer main menu appears:

MAIN MENU:
1   HOW TO USE THE INSTALLER
2   XWS: 6085-2 Install XWS Software (from floppies)
3   XWS: 6085-2 Install XWS Software (from TAPE)
4   XWS: 6085-2 Install Pro Print Service (from floppies)
5   XWS: 6085-2 Partition Workstation Disk
6   XWS: 6085-2 Special Installation and Error Recovery Commands (from floppies)
7   XWS: 6085-2 Special Installation and Error Recovery Commands (from TAPE)
8   XWS: 6085-2 Add LAN Services (from floppies)

If you are installing software on a standalone or remote workstation, the "Time is not set" message appears. You must set the date and time to proceed. Refer to the "Setting the time" chapter.

Booting the tape installer on a 6085 workstation

The 6085-2 XWS Installer utility software is supplied on these floppy disks:

- **6085 XWS 3.X, Installer #1**
- **6085 XWS 3.X, Installer #2.**

Follow these steps to boot the tape installer on a 6085 workstation:

1. Make sure the workstation is powered on.

2. Insert the floppy disk labeled **6085 XWS 3.X, Installer #1** into the floppy disk drive.

3. Press the red B Reset button on the processor front panel.

   Boot soft keys, which are a visual representation of the top row function keys, appear at the bottom of the screen.

4. Press <F2> after the boot soft keys appear. This boots the installer utility software from floppy disk. After a few moments, you are requested to insert the floppy disk labeled **6085 XWS 3.X, Installer #2** into the floppy disk drive.

CAUTION: If you do not press <F2> within 30 seconds, the workstation continues to boot as if you had pressed <F1>. If that occurs, wait until your workstation completes a normal boot. Then start again at step 3. If you interrupt the boot process, you could damage some of the files, making it necessary to run File Check to restore your files.

5. Insert the floppy disk labeled **6085 XWS 3.X, Installer #2** into the floppy disk drive. After a few moments, the Installer main menu appears.

MAIN MENU:
1   HOW TO USE THE INSTALLER
2   XWS: 6085 Install XWS Software (from floppies)
3   XWS: 6085 Install XWS Software (from TAPE)
4   XWS: 6085 Install Pro Print Service (from floppies)
5   XWS: 6085 Partition Workstation Disk
6   XWS: 6085 Special Installation and Error Recovery Commands (from floppies)
7   XWS: 6085 Special Installation and Error Recovery Commands (from TAPE)
8   XWS: 6085 Add LAN Services (from floppies)

If you are installing software on a standalone or remote workstation, the "Time is not set" message appears. You must set the date and time to proceed. Refer to the "Setting the time" chapter.

Upgrading to XWS 3.X software

Follow the procedures in this section if a previous version of XWS software is currently loaded on your workstation and you want to upgrade it to the latest version of XWS 3.X.

If your workstation is new and software was not loaded, refer to the "Installing XWS software for the first time" procedure later in this chapter.

Installing basic XWS 3.X software

Before installing the latest, basic XWS 3.X software, you must delete the current software.

Procedures included in this section are as follows:

- Deleting outdated software
- Installing the basic software.

Deleting outdated software

Follow these steps to delete the outdated software:

1. Boot the tape installer. Refer to the "Booting the tape installer" procedure earlier in this chapter.

```
MAIN MENU:
   1    HOW TO USE THE INSTALLER
   2    XWS : 6085-2 (or 6085) Install XWS Software (from floppies)
   3    XWS : 6085-2 (or 6085) Install XWS Software (from TAPE)
   4    XWS : 6085-2 (or 6085) Install Pro Print Service (from floppies)
   5    XWS : 6085-2 (or 6085) Partition Workstation Disk
   6    XWS : 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
   7    XWS : 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
   8    XWS : 6085-2 (or 6085) Add LAN Services (from floppies)
```

2. Type the number corresponding to **XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from tape)** and press the return key. A new menu of options appears.

⚠ **CAUTION:** Make sure you choose the correct option in step 3. If you select the option that deletes all system data files including all applications, you cannot use the Automatic Loader Upgrader. You must perform the "Installing XWS software for the first time" procedures (beginning with the "Installing basic XWS 3.X software" procedure) later in this chapter.

3. Type the number corresponding to **Delete All 6085-2 (or 6085) System Data Files Except Applications** and press the return key.

4. Type **Y** and press the return key to confirm. The menu screen displays during the initial part of the deletion process. Do not interrupt this process.

Installing From Tape

The screen goes blank and the maintenance code cycles to 919.

5. Press the B Reset button. When the maintenance code cycles to 7604, reboot the 3.X installer. Refer to the "Booting the tape installer" procedure earlier in this chapter.

Installing the basic software

Begin this procedure from the Installer main menu:

```
MAIN MENU:
   1   HOW TO USE THE INSTALLER
   2   XWS: 6085-2 (or 6085) Install XWS Software (from floppies)
   3   XWS: 6085-2 (or 6085) Install XWS Software (from TAPE)
   4   XWS: 6085-2 (or 6085) Install Pro Print Service (from floppies)
   5   XWS: 6085-2 (or 6085) Partition Workstation Disk
   6   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
   7   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
   8   XWS: 6085-2 (or 6085) Add LAN Services (from floppies)
```

Follow these steps to copy the XWS 3.X basic software to the rigid disk:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Install XWS Software (from tape)** and press the return key. If another menu is displayed, type the number corresponding to **Return to MAIN MENU** and press the return key to redisplay the main menu.

```
   1   Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document
       Editor
   2   Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document
       Editor
   3   Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP
       Document Editor
   4   Start 6085-2 (or 6085) System
   5   Return to MAIN MENU
```

2. Type the number for the option that matches your workstation configuration as follows:

   • If you are installing software on a network workstation, select **Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor**.

   • If you are installing software on a remote workstation, select **Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor**.

   • If you are installing software on a standalone workstation, select **Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP Document Editor**.

3. Press the return key.

In order to install this software, you need the diskette "VP Cartridge Tape"
and the cartridge tape "6085 and 6085-2 XWS and VP Applications 3.X"
Have you inserted the cartridge tape "6085 and 6085-2 XWS and VP Applications" into the tape drive?
(Y/N): N

4. Insert the **VP Cartridge Tape** floppy disk into the floppy drive and the **6085 and 6085-2 XWS and VP Applications 3.X** tape into the tape drive and type **Y**.

The message "Installing VP cartridge tape..." appears.
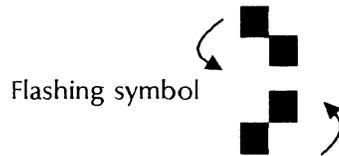
Flashing symbol

Software installation takes approximately 20 to 30 minutes. Messages appear during the process and a flashing symbol appears periodically to indicate that installation is continuing normally. The message "Preparing to install from cartridge tape..." displays while the tape is resetting itself. This takes about three minutes.

After basic software installation is complete, a menu displays. Continue with the next procedure to upgrade your applications.

Automatic Loader Upgrader

The Automatic Loader Upgrader is an utility program that automatically replaces the current version of VP applications and screen fonts which are visible in your Application Loader with the corresponding newer version of VP applications and screen fonts on the tape. To simplify the instructions in this section, the term "application" refers to the visible VP applications and screen fonts.

The application must be present in your Application Loader icon for automatic upgrading to occur. Do not delete any application from your loader prior to upgrading.

Note: Although this software installation procedure does not affect your desktop, it is best to back up important files before beginning the upgrade.

The Automatic Loader Upgrader skips older applications in the loader that do not have newer counterparts. It also skips older VP applications whose names do not match the names of the new applications on the installation tape. For example, in Release 2.0 the application previously called *VP Object Conversion Utility* has been renamed *Object Conversion Utility*. You must upgrade these applications manually.

Error conditions

Applications are not automatically upgraded if the following conditions exist:

• Insufficient free disk pages on your desktop
• Tape access (read) errors.

When these conditions occur, the system skips an application it cannot install and places a message in the Automatic Loader Upgrader Log, which it stores in the Help folder on your desktop. You must manually upgrade these applications.

Installing From Tape

When an error condition occurs, such as skipping an application or a problem reading the tape, the system temporarily disables the Auto Run capability. When you log on to your desktop, all visible applications in the Application Loader icon are idle so you can delete the appropriate ones as you upgrade them manually.

Allowing sufficient storage space

The system uses some space on the desktop as temporary storage while it copies an application from tape to your loader. It also needs free space equal to the size of the application it is copying because it does not delete the current application until it has successfully copied the new application.

Each application requires free space equal to the size of the application plus 500 disk pages. For example, an application that is 1,500 disk pages in size would require at least 2,000 free disk pages. Because the latest versions of some applications are often larger than the previous versions, allow for the extra space requirement.

The system upgrades as many applications as it can, so if there is not enough space to upgrade one application, it upgrades the others.

If you use a multilingual or non-English system, especially Chinese or Japanese, you may have to replace most of these large applications by hand because they may be too large for the system to upgrade automatically.

Loading the Automatic Loader Upgrader and starting the system

When installation of the basic software is complete, the following menu appears:

1	Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor
2	Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor
3	Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP Document Editor
4	Start 6085-2 (or 6085) System
5	Return to MAIN MENU

Follow these steps to load the upgrader and start the system:

1. Insert the floppy disk labeled **6085-2 Xerox XWS 3.X, Installer #3** for a 6085-2 workstation or **6085 Xerox XWS 3.X, Installer #2** for a 6085 workstation into the floppy disk drive.

2. Type the number corresponding to **Return to MAIN MENU** and press the return key. The main menu appears:

```
MAIN MENU:
  1   HOW TO USE THE INSTALLER
  2   XWS: 6085-2 (or 6085) Install XWS Software (from floppies)
  3   XWS: 6085-2 (or 6085) Install XWS Software (from TAPE)
  4   XWS: 6085-2 (or 6085) Install Pro Print Service (from floppies)
  5   XWS: 6085-2 (or 6085) Partition Workstation Disk
  6   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
  7   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
  8   XWS: 6085-2 (or 6085) Add LAN Services (from floppies)
```

3. Type the number corresponding to **XWS 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)** and press the return key.

   A long menu with approximately 37 choices appears.

4. Type the number corresponding to **Install Automatic Loader Upgrade Capability** and press the return key. The following message appears:

```
Do you wish to automatically update the application files in your loader from Cartridge Tape? (Y/N):  Y
```

5. Press the return key to continue. The following messages appear:

```
This floppy disk is labeled '6085-2 Xerox XWS 3.X:  Installer # 3, or 6085 Xerox XWS 3.X:  Installer # 2.
Load into the drive the floppy disk labeled: Automatic Loader Upgrader.
Is the requested floppy disk now loaded? (Y/N): Y
```

6. Insert the floppy disk labeled **Automatic Loader Upgrader** into the floppy drive and press the return key. The following messages appear:

```
Installing automatic loader upgrader capability...
Automatic loader upgrade capability installation complete.
During XWS start up, before the bouncing Xerox GLOBALVIEW logo appears, you will be asked to insert
the tapes from which you wish to upgrade your applications.
You may start the system now if you have already installed XWS 3.X on the workstation.
Do you wish to start the system now? (Y/N): Y
```

7. Type **Y** and press the return key.

8. When the soft boot keys appear, press < F1 >. The following window appears:

Installing From Tape

Insert a tape and click 'Next Tape',
or click 'Finished' if all tapes have been processed.

Files upgraded: [0] out of: [0]

[Finished] [Next Tape] [Reset Tension]

Copyright (c) 1990 by Xerox Corporation. All rights reserved.
When the upgrade process is complete, a log file will be placed in the Help Folder.
The log file will be named:
**Automatic Loader Upgrader Log

Installing the applications and screen fonts

Follow these steps to install VP applications and screen fonts:

1. Insert the **6085 and 6085-2 XWS and VP Applications 3.X** tape into the tape drive if it is not already there. If the tape is in the drive, eject it and insert it again.

    Wait until the tape drive is idle (no tape operation is in progress and the Tape Drive icon is not busy) before continuing.

2. Select [Next Tape].

    The following message appears in the message window:

Please do not remove the tape until this operation has completed. Upgrading Loader contents from tape...

The message "(opening tape directory)" appears to the right of "Files upgraded:...out of:" for several minutes (sometimes as long as 10 minutes). The tape moves back and forth while the system reads the tape directory.

The system counts the number of visible applications and screen fonts in your Application Loader that match applications on the tape and displays the total in the "out of:" box.

As the system replaces old applications with new ones, it increments the number in the "Files upgraded:" box and makes an entry in the Automatic Loader Upgrader Log.

If the system cannot replace an application because of an error, it places a message in the Automatic Loader Upgrader Log and skips to the next application in the loader.

The pointer appears as an hourglass while the system copies the appropriate applications from the current tape.

When the hourglass changes back to a pointer, a status message displays to indicate the number of applications (files) skipped because of errors.

You can insert another tape if desired and repeat step 2.

3. Select [Finished] when you have loaded software. The system boots. The following maintenance codes may appear for an extended period of time:

- 7600
- 7700
- 7800.

4. When the bouncing Xerox GLOBALVIEW logo appears, log on to your desktop.

You may need to replace some applications manually; continue with the "Replacing applications skipped by the upgrader" procedure.

You no longer need the Automatic Loader Upgrader, so you can delete it from your loader during the next procedure.

Replacing applications skipped by the upgrader

You have to replace some applications manually because the system skips the following applications:

- An application in the loader whose name does not match <u>exactly</u> the name of an application on the tape

- An application on the tape that is new and has no older, equivalent version

- An application when an error occurs during the upgrade of that application.

Some older applications have been replaced with newer versions that have slightly different names. The older version remains in your loader, but it will not run. You have to delete the older version and copy the newer version from the tape.

Other older applications function with the newer 3.X software and do not have 3.X equivalents. (The create date of the application on the tape is the same as the older application in your loader.) Do not delete these applications from your loader.

Some newer applications on the tape are new features and do not replace older applications. You must copy these applications to your loader manually.

Errors during upgrade

When errors occur during automatic upgrade, the system temporarily disables the Auto Run capability so that all visible applications are idled. Applications must be idle before you can delete them. The next time you boot your workstation, the system restores the Auto Run capability.

Installing From Tape

The system also places a message in the Automatic Loader Upgrader Log. The message is in the following form:

<Application Name> could not be replaced. It should be replaced manually.

The information in the log identifies the applications that were upgraded. You replace the applications that were not upgraded by deleting the older versions from your loader and copying the newer version into your loader from the tape.

There may be two copies of an application in your loader: the older version and the newer version. Because the loader cannot contain applications with duplicate names, the system renames the older version by adding "Obsolete" to its name.

If a log already exists in your Help folder, the system adds the messages to it. If no log exists, the system creates one. Each time you select [Next Tape] (during the "Installing VP applications and screen fonts" procedure), the system places a separator indicating the name of the tape in the log. The date and time are included in this separator at the beginning of each new upgrade session.

Replacing applications

Follow these steps to manually replace applications:

1. Open the Help folder and the Automatic Loader Upgrader Log. An example of a log with typical entries appears below.
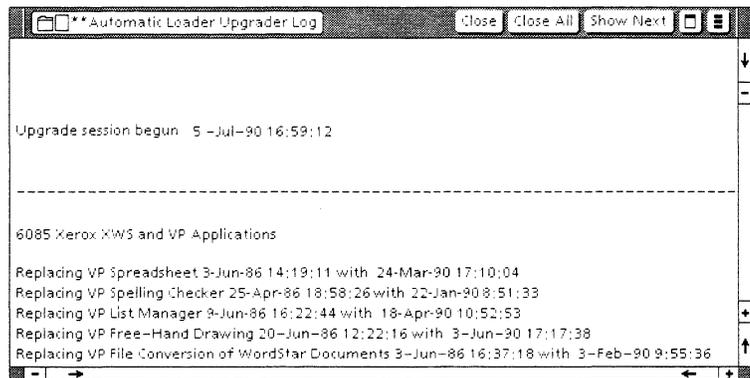
2. Open the Application Loader icon. (If you do not have an Application Loader icon, copy one from the Workstation divider. Refer to the "Copy the loader icon to your desktop" procedure later in this chapter for instructions.)

3. Examine the messages in the log.

4. If any applications were skipped, insert the appropriate tape into the tape drive.

5. Open the Tape Drive icon. (If you do not have a Tape Drive icon on your desktop, refer to the "Copying the Tape Drive icon to your desktop" and the "Opening the Tape Drive window" sections of the "Installing VP series applications" procedure later in this chapter for more information.)

6. Compare the applications in your loader with the applications in the Tape Drive window, referring to the Automatic Loader Upgrade Log when necessary.

Make sure there is a newer version of the application on the tape before deleting the older version from your loader.

Make sure the older application is idle. If the application is not idle, you must idle it before you can delete it. To idle an application, change its **Auto Run at System Startup** property to [No] (see step 9 for instructions) and reboot the system.

7. In the Application Loader window, select the old application you want to replace, press <DEL>, and confirm if necessary.

8. In the Tape Drive window, select the new application you want to install, press <COPY>, and select the Application Loader window as the destination.

Repeat steps 7 and 8 until all the appropriate applications are upgraded. Then continue with step 12. If you must change tapes, perform steps 9 through 11.

9. Select [Change Tape] from from the tape command auxiliary menu.

⚠ **CAUTION:** Do not remove the tape until you select the [Change Tape] command. If you do, you may damage the data on the tape.

10. Remove the tape from the tape drive.

11. Insert the next tape into the tape drive.

12. Select an application and press <PROP'S> to open the Application properties sheet if you want to change its **Auto Run at System Startup** property.

The **Auto Run at System Startup** property in effect is the one set on the application that was copied from tape. It may not be the setting you prefer.

13. To run the applications, you can either select the applications and select [Run] in the Application Loader window header or reboot your workstation.

If an application does not run, check the following guidelines:

• If an application does not run, check its size in the Loader window. If disk pages equal 0, then you must upgrade this application manually.

• You cannot run certain upgraded applications until other new VP 3.X applications are running. For example, Asynchronous Terminal Basic software is new in 3.X; without it you cannot run the upgraded versions of Local RS232C Communication Access, Remote System Administration, and the asynchronous terminal emulators. You must copy Asynchronous Terminal Basic software manually and run it before you can run the other applications that depend on it.

Refer to the documentation for specific applications in your loader for information about dependencies on new VP 3.X applications.

• After loading screen (or printer) fonts, you cannot run them until you close the Tape Drive window.

VP Cartridge Tape creates and opens a document, which you cannot see, for the tape message log. While that document is open, fonts will not run when you select [Run] in the Application Loader window header. You will

see a message that says you cannot run the font with a document in use. Closing the Tape Drive window closes this document.

Error messages during the automatic upgrade

This section lists the messages that may appear in the message window if an error occurs during the upgrade.

An unrecoverable error has occurred. Please retry, or update applications manually.

A serious error has occurred. You may not be able to upgrade the applications with the Automatic Loader Upgrader.

• Try the operation again.

• If it fails a second time, you must upgrade the applications manually.

Because of error, Loader applications will not be running after upgrade completion. Please consult the documentation for details.

The first time any error occurs, the system displays this message. The message is not displayed for subsequent errors. Applications in the loader are idle and you may have to upgrade some applications manually.

Insufficient resources available. The workstation configuration does not allow for the use of this utility.

A serious problem has occurred that prevents you from using this utility. You will have to upgrade all applications manually.

Not enough free disk pages to open the tape directory. The applications from this tape will require manual upgrading.

When there is not enough free disk space on your workstation for the Automatic Loader Upgrader to install any of the 3.X applications, this message appears.

Number of files skipped due to errors reading the tape: < >

When read errors occur during upgrade, they are counted and displayed in this message after the entire tape has been processed.

Number of files skipped due to insufficient disk space: < >

When insufficient space errors occur during upgrade, they are counted and displayed in this message after the entire tape has been processed.

Problem reading a file. That item may not have been updated. Consult the log file for further details.

If the system cannot read the application file on the tape, this message appears. The system skips the file and places a message in the Automatic Loader Upgrader Log. You must upgrade this application manually.

Problem with the tape. Please check that the proper tape has been inserted.

You inserted a tape that was formatted for use with the *VP Cartridge Tape* application.

Remove this tape and insert the appropriate software installation tape.

Problem with the tape. Resetting the tension and retrying may help.

If the tape drive cannot read the tape directory when you select [Next Tape], the system displays this message.

• Select [Reset Tension].

Retensioning the tape takes about three minutes while the tape is wound from one spool to the other and back again.

• When the tape drive stops, select [Next Tape] again.

Problem with the tape drive. Please check that a tape has been inserted and that all connectors are secure.

If the tape cartridge is inserted into the tape drive incorrectly, the system cannot read the tape. Refer to the "Inserting and removing a tape cartridge" procedure earlier in this chapter for instructions.

If no tape is in the drive, insert the correct tape and select [Next Tape] again.

• Refer to the "Replacing applications skipped by the upgrader" procedure.

The system disables the Auto Run capability so the applications are idle when the workstation is rebooted.

This tape is not formatted.

All the tapes containing applications have been formatted. You have inserted the wrong tape.

• Remove the tape and insert the correct tape.
• Select [Next Tape] again.

Installing From Tape

Installing XWS software for the first time

Follow the procedures in this section if software has not been installed on your workstation or if you want to repartition your workstation at the same time you install XWS 3.X software.

If you want to upgrade your existing XWS software to 3.X, do not use these procedures; refer to the "Upgrading to XWS 3.X" procedure later in this chapter.

Partitioning the rigid disk

This procedure partitions the rigid disk. This process prepares your workstation's rigid disk to receive and store data by dividing the space on the rigid disk into logical volumes. Partition the rigid disk only if you are installing XWS software on the workstation for the first time.

CAUTION: You must backup all data on the workstation to floppy disks or to a network file drawer before partitioning the rigid disk. Partitioning erases all data, desktops, emulated fixed disk contents, and product factoring information on the workstation's rigid disk. It is recommended that you create new desktops after software installation and that you store individual documents and folders on floppy disks or in file drawers rather than storing complete desktops on a File Service.

```
MAIN MENU:
  1    HOW TO USE THE INSTALLER
  2    XWS: 6085-2 (or 6085) Install XWS Software (from floppies)
  3    XWS: 6085-2 (or 6085) Install XWS Software (from TAPE)
  4    XWS: 6085-2 (or 6085) Install Pro Print Service (from floppies)
  5    XWS: 6085-2 (or 6085) Partition Workstation Disk
  6    XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
  7    XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
  8    XWS: 6085-2 (or 6085) Add LAN Services (from floppies)
```

Follow these steps to partition the rigid disk:

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Partition Workstation Disk** and press the return key. Additional options appear.

2. Type the number corresponding to **Partition 6085-2 (or 6085) Workstation Disk** and press the return key. The following message appears:

```
WARNING: - PARTITIONING DESTROYS ALL DESKTOPS AND
OTHER DATA ON WORKSTATION DISK !!!
Confirm ? (Y/N):
```

3. Type **Y** and press the return key if you have stored all files on floppy disks, in file drawers, or if this is an initial installation. A second confirmation appears:

> ALL DESKTOPS ON WORKSTATION WILL BE DESTROYED.
> Are you sure you want to continue?
> Confirm ? (Y/N):

4. Type **Y** if you have stored all files on floppy disks, in file drawers, or if this is an initial installation.

Note: Partitioning takes approximately 10 minutes. After partitioning is complete, the "Disk partitioned" message appears followed by additional options.

5. Type the number corresponding to the **Return to MAIN MENU** option and press the return key.

6. Continue with the "Installing the basic XWS 3.X software" procedure.

Installing basic XWS 3.X software

XWS 3.X basic software is copied to the rigid disk of the workstation from tape. Start this procedure from the Installer main menu.

> MAIN MENU:
>   1   HOW TO USE THE INSTALLER
>   2   XWS: 6085-2 (or 6085) Install XWS Software (from floppies)
>   3   XWS: 6085-2 (or 6085) Install XWS Software (from tape)
>   4   XWS: 6085-2 (or 6085) Install Pro Print Service (from floppies)
>   5   XWS: 6085-2 (or 6085) Partition Workstation Disk
>   6   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from floppies)
>   7   XWS: 6085-2 (or 6085) Special Installation and Error Recovery Commands (from TAPE)
>   8   XWS: 6085-2 (or 6085) Add LAN Services (from floppies)

Note: If another menu is displayed, type the number corresponding to **Return to MAIN MENU** and press the return key to redisplay the main menu.

1. Type the number corresponding to **XWS: 6085-2 (or 6085) Install XWS Software (from TAPE)** and press the return key. A menu of options appears:

> 1   Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor
> 2   Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor
> 3   Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP Document Editor
> 4   Start 6085-2 (or 6085) System
> 5   Return to MAIN MENU

2. Type the number for the option that matches your workstation configuration as follows:

    • If you are installing software on a network workstation, select **Install NETWORK 6085-2 (or 6085)**
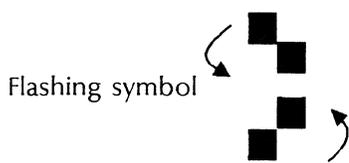
Installing From Tape

WORKSTATION with XWS, XWS NetCom and VP Document Editor.

- If you are installing software on a remote workstation, select **Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor**.

- If you are installing software on a standalone workstation, select **Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP Document Editor**.

3. Press the return key. The following screen message displays:

> In order to install this software, you need the diskette "VP Cartridge Tape"
> and the cartridge tape "Xerox XWS and VP Applications."
> Have you inserted the cartridge tape "Xerox XWS and VP Applications" into the tape drive? (Y/N): N

4. Insert the **VP Cartridge Tape** floppy disk into the floppy disk drive and the **Xerox XWS and VP Applications 3.X** tape into the tape drive.

5. Type **Y** and press the return key. The message "Installing VP cartridge tape..." appears.

Flashing symbol

Software installation takes approximately 20 to 30 minutes. Messages appear during the process and a flashing symbol appears periodically to indicate that installation is continuing normally. After basic software installation is complete, a menu displays. The message "Preparing to install from cartridge tape..." is displayed while the tape is resetting itself. Continue with the "Starting the system" procedure.

Starting the system

After installing basic XWS software, you initialize and start the system. Begin this procedure from the following menu:

> 1 Install NETWORK 6085-2 (or 6085) WORKSTATION with XWS, XWS NetCom and VP Document Editor
> 2 Install REMOTE 6085-2 (or 6085) WORKSTATION with XWS, XWS RemoteCom and VP Document Editor
> 3 Install STANDALONE 6085-2 (or 6085) WORKSTATION with XWS, XWS Standalone and VP Document Editor
> 4 Start 6085-2 (or 6085) System
> 5 Return to MAIN MENU

Follow these steps to start the workstation:

1. Type the number corresponding to **Start 6085-2 (or 6085) System** and press the return key.

2. Type **Y** and press the return key to confirm you are ready to proceed.

3. Press < F1 > when the boot soft keys appear.

4. If you are installing XWS software on a standalone or remote workstation, the message "Time is not set" appears. You

must set the date and time to proceed. Refer to the "Setting the time" chapter.

If you are installing XWS software on the workstation for the first time, press **I** and **V** simultaneously for one second when the 7504 maintenance code appears. This is necessary to initialize the volume after partitioning the rigid disk.

During initial startup, the following maintenance codes appear for an extended period of time:

*   7600
*   7700
*   7800.

After approximately 20 to 30 minutes, a bouncing Xerox GLOBALVIEW logo appears on the screen indicating that XWS software was successfully installed and started. Continue with the "Installing VP Series applications and fonts" procedure.

Note: If the bouncing Xerox GLOBALVIEW logo does not appear or if maintenance codes other than those listed above appear, refer to the recovery instructions in the "Troubleshooting" chapter.

Installing applications and fonts

This section describes how to install VP series applications and screen fonts.

Keep the following points in mind as you begin this procedure:

*   Ensure that the **6085 and 6085-2 XWS and VP Applications 3.X** tape is inserted in the tape drive as previously described in this chapter. This tape cartridge contains many of the VP applications and screen fonts.

*   You must load some applications, including *VP PC Emulation* and *VP Basic LAN Services*, from floppy disks.

*   You must load the *VP Languages* application from an additional cartridge tape.

Logging on and creating a desktop

If you are installing VP series application software on a standalone or remote workstation for the first time, you must create a Workstation Administrators desktop. See the *Workstation Administration and System Resources User Guide* in this library for complete instructions on logging on and creating desktops on a standalone or remote workstation.

Follow these steps to log on and create a desktop:

1. Press any key to display the Logon option sheet.

2. Type your fully qualified name (name:domain:organization), and press <NEXT> (located on the right side of the keyboard). If you are unsure of your fully qualified name, ask your System Administrator.

3. Type your password and press <NEXT>.

4. Select [START] on the Logon option sheet when the "Do you want a new Desktop created for you?" option displays. After

a few minutes, the desktop appears with the Directory icon in the lower right corner of the screen.

Copying the Application Loader icon to your desktop
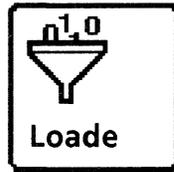
Follow these steps to copy the Application Loader icon to your desktop:

1. Select the Directory icon and press <OPEN>. A window containing a list of available dividers opens on the left side of your screen.

2. Select the Workstation divider and press <OPEN>.

3. Select the Application Loader icon, press <COPY>, and select an area on the desktop.

4. Open the Loader icon, select the *VP Cartridge Tape* application, and then select the [Run] command in the Application Loader window header.

Copying the Tape Drive icon to your desktop

The Tape Drive icon represents the tape drive hardware for performing tape operations on your desktop. The Tape Drive icon is located in the Local Devices divider within the Workstation divider of the directory.

Note: For complete information on the Tape Drive icon and Tape Drive window, refer to the *6085-2 Professional Computer System Hardware Reference Manual* in this library.

Follow these steps to copy the Tape Drive icon to your desktop:
1. Select the Local Devices divider and press <OPEN>.

2. Select the Tape Drive icon, press <COPY>, and select an area on your desktop as the destination. *VP Cartridge Tape* must be running for the Tape Drive icon to appear in the Local Devices divider. If the Tape Drive icon is not in the Local Devices divider, open the Application Loader, select *VP Cartridge Tape*, and select [Run].

3. Select [Close All] to close the Directory window.

Opening the Tape Drive window

Make sure the **XWS and VP Applications** installation tape is inserted in the tape drive as previously described in this chapter. Then select the Tape Drive icon and press <OPEN>.

As the Tape Drive window opens, the "Opening Tape in the Background..." message appears. The tape automatically rewinds and the tape directory is read. This takes several minutes, depending on where the tape is positioned and the size of the directory. You can check the status of this operation by displaying the messages in the desktop background status area.

	NAME	COPIED	CREATED	SIZE
☐	VP 3.0I (24 Jul 90)	24–May–90 19;14;23	20–Apr–88 18;31;45	1 Pages
☐	VP APPLICATIONS	24–May–90 19;14;17	4–Aug–87 17;04;30	1 Pages
	Asynchronous Terminal Basic Software	24–May–90 19;10;52	26–Apr–88 14;02;26	436 Pages
	Calculator	24–May–90 19;10;39	26–Jan–88 16;55;30	129 Pages
	Clock	24–May–90 19;10;30	16–Oct–87 9;38;54	56 Pages
	Container List Tool	24–May–90 19;10;20	28–Jan–88 17;47;54	32 Pages
	Document Upgrader (VP2.0 to VP3.0)	24–May–90 19;10;12	21–Apr–88 16;06;36	94 Pages
	Footnotes	24–May–90 19;10;04	30–Aug–88 16;38;35	4 Pages
	Index Generator	24–May–90 19;09;43	16–May–88 13;23;54	292 Pages
	Keyboard Accelerators	24–May–90 19;09;30	9–Dec–87 11;49;03	136 Pages
	Local RS232C Communication Access	24–May–90 19;09;20	26–Apr–88 15;32;22	46 Pages
	Object Conversion Utility	24–May–90 19;09;12	9–Dec–87 19;48;04	33 Pages
	Office Accessories Templates, Tools, and Transfers	24–May–90 19;07;34	13–Sep–85 13;05;59	1061 Pages
	Personal Calendar	24–May–90 19;07;12	4–May–88 16;37;43	146 Pages
	Quick Restart for 6085	24–May–90 19;06;25	8–Apr–88 11;01;12	452 Pages
	Remote System Administration	24–May–90 19;06;16	26–Apr–88 14;16;11	79 Pages
	Shared Books	24–May–90 19;06;00	17–Mar–88 16;21;55	224 Pages
	Table of Contents Generator	24–May–90 19;05;52	24–Nov–87 17;22;41	13 Pages
	VP Cartridge Tape	24–May–90 19;05;42	25–Apr–88 18;35;43	263 Pages
	VP Data Capture	24–May–90 19;05;32	7–Mar–88 12;42;37	64 Pages
	VP Data–Driven Graphics (Bar, Pie, Line)	24–May–90 19;05;25	18–Aug–87 13;10;21	4 Pages

VP applications

Note: The **XWS and VP Applications** installation tape also contains help documents, special software objects, and user profile information. Do not copy these objects to the Application Loader icon. Refer to the "Installing Help documents from tape" procedure later in this section to install XWS Help documents from tape.

Installing applications and screen fonts

Follow these steps to copy the application or screen font from the tape to the Loader icon on your desktop:

1. In the Tape Drive window, select the desired VP application or screen font, press <COPY>, and select the Application Loader icon as the destination. (You can also select a group of applications to copy to the loader.)

   A message appears in the Tape Messages window indicating that the system is copying the VP application. A message in the desktop message area tells you the application is loaded and started (except as noted below).

2. Repeat step 1 for each VP application or screen font that you want to install on the workstation.

3. Select [Close] to close the Tape Messages window and the Tape Drive window.

Note: Do not copy to the Application Loader any objects which appear in or after this section on the tape. These objects have already been installed on your workstation.

- After loading screen (or printer) fonts, you cannot run them until you close the Tape Drive window.

  VP Cartridge Tape creates and opens a document, which you cannot see, for the tape message log. While that document is open, fonts will not run automatically when copied to the closed Application Loader icon nor will they run when you select [Run] in the Application Loader window header. You will see a message that says you cannot run the font with a document in use. Closing the Tape Drive window closes this document.

- Do not load the Help documents in the Application Loader icon. For more information on Help document installation, refer to the "Installing Help documents" procedure later in this section.

Installing Help documents

After you install XWS 3.X software and log on to your desktop, a Help folder icon appears in the upper right corner of the display. You can use this folder to store the Xerox Help documents.

The Help documents are located in the section of the Xerox XWS and VP Applications tape titled "HELP DOCUMENTS."

The Help folder includes a file named "--READ ME FIRST.How to Use Help." This file shows you how to use the Help system.

Follow these steps to install Help documents:

1. Open the Help folder icon on your desktop by moving the pointer to it and clicking the left mouse button once. The Help folder will automatically open.

2. Delete any help documents for previous versions of XWS. You can leave the file, "--READ ME FIRST.How to Use Help." You do not need to replace it unless there is a more recent version of that file on the tape that contains the new Help documents.

3. Open the Tape Drive icon.

4. Select the files you wish to place in your Help folder.

5. Copy the files you want into the Help folder window.

Note: If you left the file named "--READ ME FIRST. How to Use Help" in the folder and try to copy the file with the same name from the tape, the following message is displayed: "File --READ ME FIRST. How to Use Help already exists in Help folder. Replace file with selected file? |YES|NO|." Select the appropriate choice to continue.

Completing the installation

To complete software installation, you must enable the software. Continue with the "Enabling software options" chapter. After initial installation, the software is available for use for six days. You must enable all software options within this time period. If you do not enable the software options within the allotted time, they are no longer available for use.

Note: You do not need to enable software options if you upgraded from a previous version of XWS software. VP applications that you were previously running will still be enabled.

Installing From Tape

5.   Enabling software options

This chapter describes how to use the Software Options Tool to enable software options for the 6085-2 or 6085 workstation. You must enable each application that is installed on the workstation. Software enabling is also referred to as product factoring.

You can use the password method or the Software Enabler Floppy method to enable software.

Software Options window

You use the Software Options window to enable VP application software. This window displays the software applications purchased by your company that need to be enabled, and those that are already enabled. VP applications currently enabled on the workstation are highlighted.

All application software is available for six days from the time you initially boot the workstation after installing software. This grace period allows sufficient time for you to acquire the necessary passwords to permanently enable software options using the Software Options window. The system automatically disables any software which is not enabled at the end of the grace period.

This grace period **only** applies when installing software on the workstation for the first time. The grace period does **not** apply to new applications (not previously enabled) which are loaded on the workstation after upgrading to XWS 3.X.

Enabling application software affects all desktops on a workstation. You only need to enable application software on one desktop per workstation.

Displaying the window

6092 Free Disk Pages ▤

Date and time
Set Software Options
Test
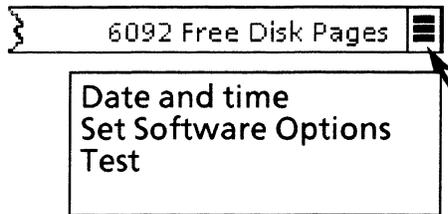
Follow these steps to display the Software Options window:

1. Position the pointer over the desktop auxiliary menu and hold down the left mouse button to display the auxiliary menu commands.

2. Select [Set Software Options] and release the mouse button to display the Software Options window. Figure 5-1 shows the window after you select the password method.

Figure 5-1.   **Software Options window**
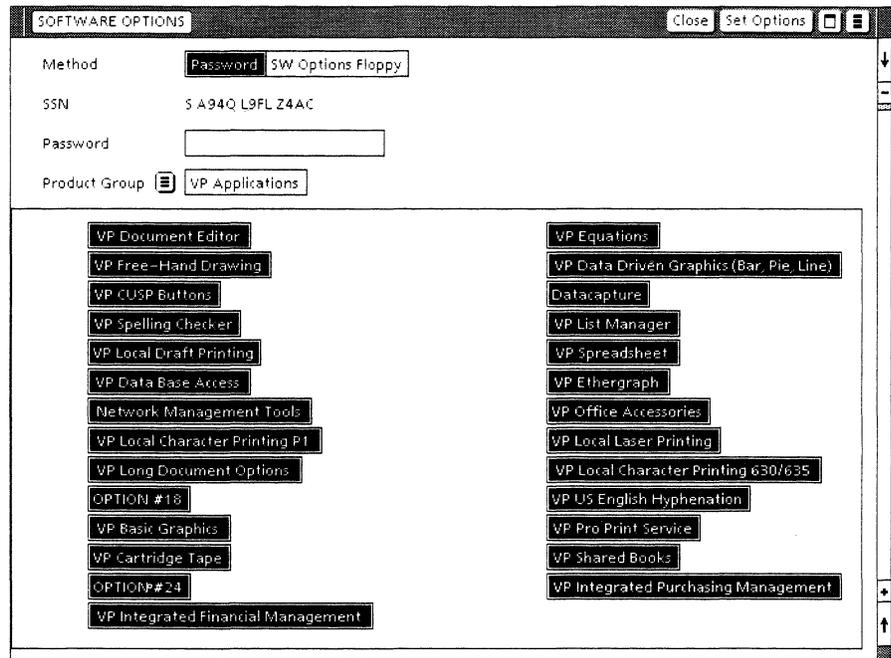
If [Set Software Options] does not appear on the desktop auxiliary menu, open the Application Loader, select the Software Options Tool, and select [Run].

Window commands

The following menu commands appear in the gray area at the top of the Software Options window:

[Close]
Closes the Software Options window.

[Set Options]
Sets the options for the workstation.

Using the software options checklist

Use the following checklists to identify the software you intend to install on each workstation. Make a copy of these checklists for each workstation.

Fill out the checklists before you contact the Xerox Software Business Center. Make sure you update each checklist when you install or purchase additional software.

Note: These checklists may not contain all available applications. If you are installing applications that are not included on these checklists, simply write them in.

Software product group	VP series applications purchased for this workstation
VP Applications	
	-- VP Document Editor -- VP Freehand -- VP CUSP Buttons -- VP Spelling Checker -- VP Local Draft Printing -- VP Data Base Access -- Network Management Tools -- VP Local Character Printing P1 -- VP Long Document Options -- VP Basic Graphics -- VP Cartridge Tape -- VP Integrated Financial Management -- VP Equations -- VP Data Driven Graphics (Bar, Pie, Line) -- Datacapture -- VP List Manager -- VP Spreadsheet -- VP Ethergraph -- VP Office Accessories -- VP Local Laser Printing -- VP Local Character Printing 630/635 -- VP US English Hyphenation -- VP Pro Print Service -- VP Shared Books -- VP Integrated Purchasing Management

Enabling Software Options

Software product group	VP series applications purchased for this workstation
VP Applications II	
	-- Panos Project Modeling -- Panos Shared Library Books with Data Base -- VP Executive Information System -- DSR Administrator Applications -- VP ImagesetterFonts -- VP Machine Translation Interface -- VP SGML Tagging Tool -- VP Thesaurus -- Panos Software Engineering Modeling -- VP Bar Code 39 Printer Fonts (300 DPI) -- VP Bar Code 39 Screen Fonts -- Document Search and Retrieval -- VP Imagesetter -- VP Desktop Security Applications -- VP Local Pro Printing -- VP TCP/IP Applications
VP Screen Fonts	
	-- VP Xerox Classic Fonts -- VP Printwheel Fonts -- VP PC Emulation Fonts -- VP Times 300 Fonts -- VP Univers 300 Fonts -- VP Monotype Garamond -- VP Monotype Gill Sans -- VP Korean Hangul Classic Fonts -- VP CG-CSTriumvirate Fonts -- VP Xerox Modern Fonts -- VP Terminal Fonts -- VP Helvetica 300 Fonts -- VP Optima 300 Fonts -- VP Xerox Quartz Fonts -- VP Monotype Rockwell -- VP Hindi Modern Fonts -- VP Xerox Equation Fonts -- VP CG-CSTimes Fonts

Software product group	VP series applications purchased for this workstation
Printer Fonts	**300 DPI (for local workstation printer)**
	-- VP Xerox Classic Fonts (300 DPI) -- VP Xerox Japanese Modern Fonts (300 DPI) -- VP Xerox Modern Fonts (300 DPI) -- VP Helvetica 300 Fonts (300 DPI) -- Quartz Fonts (300 DPI) -- Optima 300 Fonts (300 DPI) -- Monotype Bodoni Fonts -- Monotype Arial Fonts -- Monotype Garamond Fonts -- Helvetica Condensed 300 Fonts -- VP Xerox Japanese Classic Fonts (300 DPI) -- VP Xerox Math Classic Fonts (300 DPI) -- VP Xerox Printwheel Fonts (300 DPI) -- VP PC Emulation Fonts (300 DPI) -- VP Terminal Fonts (300 DPI) -- Times 300 Fonts (300 DPI) -- Univers 300 Fonts (300 DPI) -- Rockwell Fonts -- New Berolina Fonts -- Gil Sans Fonts
XWS	
	-- Xerox XWS -- VP RemoteCom -- Expert Turbo Microcode -- VP Basic LAN Services -- VP Pro LAN Services -- VP NetCom -- VP Standalone -- VP Auxiliary LAN Services
VP Emulations	**VP Terminal Emulation of:**
	-- VP Terminal Emulation of TTY -- VP Terminal Emulation of IBM 3270 -- VP Terminal Emulation of Fujitsu 6650 -- VP Terminal Emulation of NEC 6300 -- IBM 3270 File Transfer -- VP TCP -- VP Companion 386 -- VP Terminal Emulation of DEC VT100 -- VP Terminal Emulation of Tektronix 4014 -- VP PC Emulation -- VP Terminal Emulation of Hitachi 560 -- VP Terminal Emulation of Univac 50 -- VP Terminal Emulation of TTY Kanji -- VP Terminal Emulation of DEC VT220 -- VP Terminal Emulation of VT80 -- STC Special Emulators

Enabling Software Options

Software product group	VP series applications purchased for this workstation
VP Converter	**VP File Conversion of:**
	-- VP File Conversion of ASCII Documents -- VP File Conversion of Lotus 1-2-3 Spreadsheets -- VP File Conversion of WordStar -- VP File Conversion of 860 Record Files -- VP File Conversion of IBM DCA Documents -- Xerox Pro Illustrator from IGES -- VP File Conversion of Enciphered Documents -- Xerox Pro Illustrator to IGES -- Expert Conversion of IGES files -- Expert Conversion of CALS IGES files -- VP File Conversion of Document Interchange -- VP File Conversion of VisiCalc -- VP File Conversion of 860 Documents -- VP File Conversion of Expert/PROCAD Illustrator -- VP File Conversion of Wang Documents -- VP File Conversion of Microsoft Rich Text Font -- VP File Conversion of ODA Documents -- Expert Conversion of CALS CGM files
VP Languages	
	-- VP Extended Language Option -- VP Japanese Text Capability -- VP Arabic Text Package -- VP Korean Hangul Text Package -- VP International Keyboards -- VP Finnish Hyphenation -- VP Chinese Text Capability -- VP Hebrew Text Package -- VP German Hyphenation -- VP Hindi Text Package

Software product group	VP series applications purchased for this workstation
VP Applications III	
	-- Xerox ViewCards
Publishing Illustrator - XPI	
	-- Raster Editor -- XPS Emulation -- Local Scanning -- Xerox Pro Illustrator -- Expert Drafting -- Versatec Plotter Interface -- Pen Plotter Interface -- Xerox Chemical Illustrator -- IMG Converters -- Filing and Printing Utilities -- VP File Conversion to XICS Documents -- Xerox Illustrator Basics -- XPI CALS Raster Converters
Printer Fonts II	
	-- Monotype Baskerville Fonts -- CG-CSTriumvirate Fonts -- URW-ITCSouvenir Fonts -- Xerox Equation Fonts (300 DPI) -- CG-CSCourier Fonts -- CG-CSTriumvirate-Condensed Fonts -- CG-CSTimes Fonts -- Century Schoolbook 300 Fonts

Enabling Software Options

Password method

This section describes using the Password method to enable software options. After installing software, call the Xerox Software Business Center and obtain passwords to enable the software. The hours for the Software Business Center are 7 am to 7 pm, Central Daylight Time.

Entering the passwords

Before starting the procedure, have available your completed software options checklist, and your Installation Worksheet showing your network number, and the processor serial number to give to the Software Business Center. To obtain the processor serial number, refer to the packaging list shipped with your workstation or do the following to locate the serial number on your workstation:

Open the processor rear cover by squeezing the square clips below the floppy disk drive. The processor serial number is on a silver plate on the left interior wall.

Follow these steps to enable software options:

1. Display the Software Options window as described in the "Software options window" section earlier in this chapter.

2. Move the pointer over the Product Group auxiliary menu symbol in the Software Options window and hold down the left mouse button.

3. Select a Product Group name and release the mouse button. A software serial number appears in the SSN field.

4. Call the Software Business Center in Dallas. The Xerox Software Business Center telephone number is: **1-800-835-9013**.

5. Type the appropriate Product Group password provided by the Software Business Center in the **Password** field.

6. Select [Set Options] at the top of the Software Options window. The following message appears:

```
Is this the desired set of Software Options? [YES] [NO]
```

7. Select [YES] if the set of options matches the applications you selected on the software options checklist. If the set of options is not correct, contact your System Administrator, or check your list against the purchase order.

8. Repeat steps 2 and 3 for each remaining Product Group.

9. Select [Close] to close the Software Options window after all software options have been enabled. Software enabling is now complete.

After enabling software, XWS software installation is complete and your workstation is ready for use. With XWS 3.X, you do not have to boot the workstation for software enabling to take effect.

Software Enabler Floppy disk method

The Software Enabler Floppy method provides a convenient way to enable and disable XWS software applications on 6085-2 or 6085 workstations. You can use this method to enable software on workstations configured with floppy disk drives. For workstations without floppy disk drives, use the password method.

The Software Enabler feature consists of one or more Software Enabler Floppy disks used with the Software Options Tool. The Software Options Tool is included in your XWS software.

You can disable software on one workstation and enable it on another workstation whenever necessary. The assistance of a Xerox Service Representative is not necessary. Software Enabler Floppy disks are contained in your Software Options Enabler Kit.

If you encounter problems with the Software Enabler Floppy disk, return the disk to the Software Business Center. The floppy disk must be sent "return receipt requested."

If product factoring information is erased, call the Xerox Software Business Center.

Software Enabler Floppy disk

Each Software Enabler Floppy disk contains one enabler token per software option purchased by your company. The number appearing on the left of each application name indicates the number of enabler tokens available on the floppy disk. Each token you transfer to a workstation enables the associated software option for use on that workstation.

Insert the Software Enabler Floppy disk into the floppy disk drive and select [SW Options Floppy] in the Software Options window to display the number and type of enabler tokens contained on the floppy disk. The system highlights the software options currently enabled on the workstation.

When you select an option you want to enable, the system highlights the option. For example, to enable *VP Freehand*, you highlight the option and then select [Set Options].

To disable an option, select the application name so that the option is no longer highlighted and select [Set Options]. As you enable options, the software program removes the associated tokens from the floppy disk. The current settings for all the options are shown automatically.

Figure 5-2.   **Software options window showing enabling tokens**
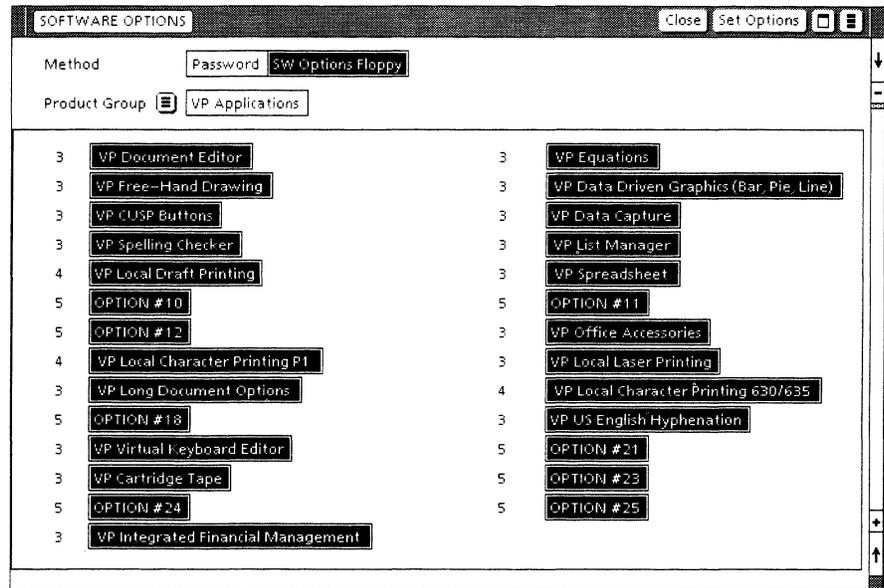
Number of floppy disks

The number of floppy disks you receive is determined by the number of options and workstations involved. Usually, one disk is delivered for no more than ten workstations.

The number of options is evenly distributed among floppy disks so that an entire group of options (for instance, 20 *VP Spelling Checker* options) is not contained on one disk. For example, for a purchase of 20 *VP Spelling Checker* and 12 *VP Freehand* options, you receive two disks (each with half of the options).

Using the enabler disk

Follow these steps to enable software using the Software Enabler Floppy disk.

1. Insert the red Software Enabler Floppy disk into the floppy disk drive. See your System Administrator to obtain a Software Enabler Floppy disk.

2. Place the pointer over the desktop auxiliary menu and hold down the left mouse button to display the auxiliary menu commands.

3. Select [Set Software Options] and release the mouse button to display the Software Options window. (Refer to Figure 5-2.)

4. Select [SW Options Floppy] next to the **Method** option. The number and type of enabler tokens contained on the floppy disk display in the window, together with the highlighted software options previously enabled on the workstation.

   If this floppy disk does not contain the desired enabler tokens, try another Software Enabler Floppy disk and repeat steps 1 through 4, or see your System Administrator.

5. Select a Product Group name.

6. Select the options you want to enable.

7. Select [Set Options].

   The number beside each selected application decreases by one after the enabler token is transferred to the workstation. If a "zero" token is selected, the "No token available for the requested option" message appears.

8. Repeat steps 5, 6, and 7 for each Product Group.

9. Select [Close] to close the Software Options window after you enable all desired software options.

After enabling software, XWS software installation is complete and your workstation is ready for use. With XWS 3.X, you do not have to boot the workstation for software enabling to take effect.

For the System Administrator

This section offers guidelines on how to coordinate the use of the Software Enabler Floppy disk. Because the Software Enabler Floppy disk is a shared resource, handle the disk carefully. Keep the Software Enabler Floppy disk in a secure place when it is not in use.

Listing the options to be enabled for each workstation

Determine the options you need to enable for each workstation. Use the checklist provided in the "Using the software options checklist" section to identify the options for each workstation.

For example, if your network consists of ten workstations and six VP Spelling Checker applications are purchased, identify (by serial number) which workstations are to enable this software.

Selecting a method for enabling software

Determine how you will conduct the enabling process. The method for enabling depends on the size of your network.

For a small network (less than ten workstations), you may choose to enable software on each workstation. In this way, you can monitor the use of the Software Enabler Floppy disk by knowing the location of the disk and which workstations have been enabled.

For a large network (more than ten workstations), you can use the following approach:

• Designate certain individuals to enable workstations for you.

• Set up a central location where users can obtain the Software Enabler Floppy disk.

• Establish a time frame in which users must return the Software Enabler Floppy disk.

Consolidating leftover tokens

If enabler tokens are left on several Software Enabler Floppy disks, follow these steps to consolidate the tokens onto one floppy disk:

1. Transfer all the unused tokens to one workstation (one instance of an option at a time).

2. Move the tokens to the new Software Enabler Floppy disk.

3. Repeat the above steps as necessary.

Partitioning workstations with enabler tokens

If you must partition a workstation, save the enabler tokens on a Software Enabler Floppy disk before partitioning. Then restore them after the workstation is running.

Transferring enabler tokens between workstations

To transfer software from one workstation to another using the Software Enabler Floppy disk:

• Move tokens to the Software Enabler Floppy disk
• Enable options on the other workstation.

Moving tokens to the Software Enabler Floppy disk

Follow these steps to disable the option at the workstation and move the token to the enabler disk:

1. Insert the Software Enabler Floppy disk in the disk drive.

2. Select [SW Options Floppy] next to the Method option.

3. Select the software option(s) to be disabled so that they are no longer highlighted.

4. Select [Set Options].

5. Remove the Software Enabler Floppy disk from the disk drive.

Enabling options on the other workstation

Follow these steps to enable software at another workstation:

1. Insert the Software Enabler Floppy disk in the disk drive.

2. Enable the software using the Software Enabler Floppy disk method.

6.   Troubleshooting

This chapter describes how to recover from problems you may encounter during software installation.

Guidelines

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01

If a processor error occurs during software installation, the 6085-2 or 6085 workstation stops processing and displays a four-digit cursor maintenance code on the screen.

maintenance code

Refer to Table 6-1 for a partial list of maintenance codes and suggested actions to take for recovering from errors. If a code other than those listed appears, call the Systems Customer Support Center.

Table 6-1. **Maintenance codes**

Code	Action
0915	If this code appears during system startup, run extended boot diagnostics and the confidence test. If the tests pass, install and run File Check software. If the tests fail, call the Systems Customer Support Center.
0950	If this code appears during system startup, the system has entered File Check. The time required to run File Check varies depending on the size of the workstation's rigid disk. File Check can take from several minutes to several hours to complete. Upon successful completion, the system automatically boots and the bouncing keyboard appears. **WARNING: Do not interrupt** the workstation while this code is displayed. Interrupting File Check can cause data loss.
0990	If this code and the "ERRORS POSTED. VOLUME NEEDS SCAVENGING. Please REBOOT" message appears during system startup, run extended boot diagnostics and the confidence test. If the tests pass, install and run File Check software. If the tests fail, call the Systems Customer Support Center.
7500	When this code appears, File Check is properly running. The time required to run File Check varies depending on the size of the workstation's rigid disk. File Check can take from several minutes to several hours to complete. Upon successful completion, the system automatically boots and the bouncing keyboard appears. **WARNING: Do not interrupt** the workstation while this code is displayed. Interrupting File Check can cause data loss. **Note:** Standalone or remote machines will boot to 7700 upon successful completion of File Check. When the 7700 code appears, boot the installer floppy and set the time. Refer to the "Setting the time" chapter in this guide for more information.
7501	If this code appears during system startup, run diagnostics to ensure the integrity of the hardware. Then run File Check.
7511	If this code appears, run extended boot diagnostics and the confidence test. If the tests pass, install and run file check software. If the tests fail, call the Systems Customer Support Center.
0921	If this code appears, an attempt was made to run File Check before the File Check software was loaded. Install and run the File Check software.

If you are installing software on a standalone or remote workstation, the "Time is not set" message appears after booting the installer floppy. This is followed by a prompt to set the time zone offset from Greenwich.

Follow these steps to set the time:

1. Type **?** and press the return key to display the examples of Greenwich time offsets.

2. Type a number to indicate the time zone offset from Greenwich and press the return key. For example, in California the time zone offset from Greenwich is -8. Enter a hyphen (-) for negative values, but do not enter a plus (+) for positive values.

    After you enter the time zone offset, a prompt appears, asking for the minute offset.

3. It is recommended that you accept the default value of 0 for the minute offset. Press the return key to accept the default. A prompt appears, asking for the first day of Daylight Savings time.

4. It is recommended that you accept the default value for the first day of Daylight Savings time. Press the return key to accept the default. A prompt appears asking for the last day of Daylight Savings time.

5. It is recommended that you accept the default value for the last day of Daylight Savings time. Press the return key to accept the default. A prompt appears, asking you to enter the date and time.

6. Enter the date and time in the dd–mmm–yy hh:mm:ss format (for example, 22-Jan-90 14:45:33). Then press the return key.

7. Type **Y** and press the return key if the date and time displayed are correct.

    If the date and time are incorrect, type **N** and press the return key. Then reset the time.

Customer Comments

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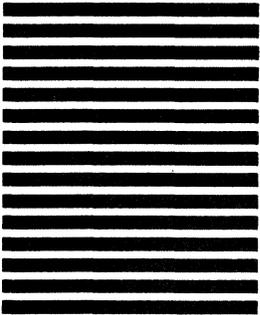
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