

FerroView™

Installation Guide

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PQSoft® by Electrotek Concepts®

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1. Introduction

FerroView™ is a Microsoft® Windows® program that helps you evaluate the likelihood of damaging ferroresonance for a particular cable-fed transformer installation. The program can also be used for educational purposes—to help understand the strange and unusual interactions in this complex problem.

1.1. Overview

This guide addresses the installation of FerroView. The following files are installed: the program executable, help files, an initialization file, a circuit definition file, and the license agreement. This guide can be used for either the full or demonstration versions of the program.

1.2. System Requirements

Before attempting installation, verify that your computer meets the following requirements:

Operating System*: Windows 95 or later, or Windows NT® 4.0 (Service Pack 4 or later) or later
Memory: 16 MB minimum, 32 MB recommended, 64 MB optimal
Disk Space: 1 MB

* It is recommended that you apply the latest service pack to your operating system software.

1.3. Registration

The license agreement file is named **license.pdf** and can be found in the destination folder you select during installation (Figure 3). To register your copy of FerroView:

1. Print the license agreement.
2. Sign the license agreement.
3. Make a copy for your records.
4. Mail the original to the address below.

1.4. Technical Support

If you need technical support, contact us using one of the methods below. A service contract may be required.

Mailing Address

Electrotek Concepts, Inc.
ATTN: FerroView Support
408 Cedar Bluff Road, Suite 500
Knoxville, Tennessee 37923-3641
United States of America

Telephone/Fax

+1-800-554-4767, x 147 (US and Canada only)
+1-865-470-9222, x 147 (all other countries)
FAX +1-865-470-9223, attention "FerroView Support"

E-mail

info@electrotek.com, subject "FerroView Support Request"

Web

<http://www.electrotek.com/contact.htm>
<http://www.electrotek.com/etkprog/ferroview/>

2. Installation

How you begin the installation process depends how you acquired FerroView. See the table below for specific instructions.

On-line via PQstore.com	Directly from Electrotek Concepts, Inc.
To start the installation program, double-click FeV20PQs.exe to extract a password-protected, self-extracting image of the setup files. After you enter the password, the installation program, setup.exe , is started. The password is sent via e-mail to the person who purchased FerroView for your organization.	CD-ROM (full or demonstration version): To start the installation program, double-click the file setup.exe in the Install folder of the CD-ROM. Downloaded EXE (demonstration version): To start the installation program, double-click FeV20DV.exe to extract an image of the setup files. The installation program, setup.exe , is started automatically.

Each window of **setup.exe** is shown below with instructions.

Welcome

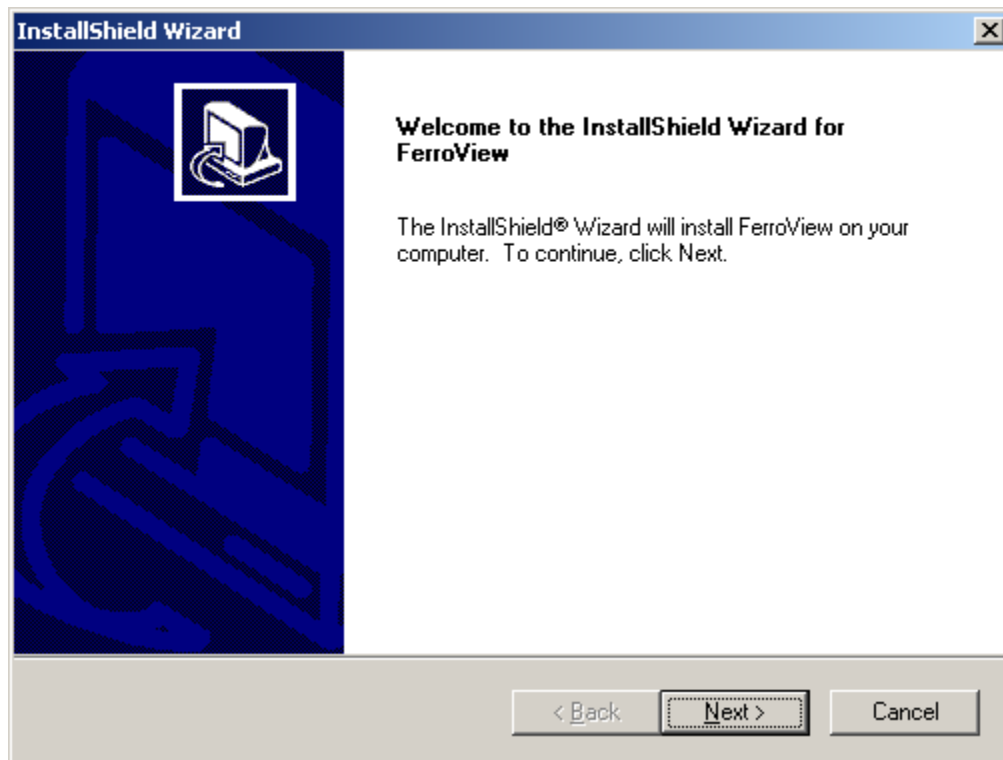


Figure 1: The *Welcome* Window

Instructions: Click **Next** to continue, or click **Cancel** to quit Setup.

License Agreement

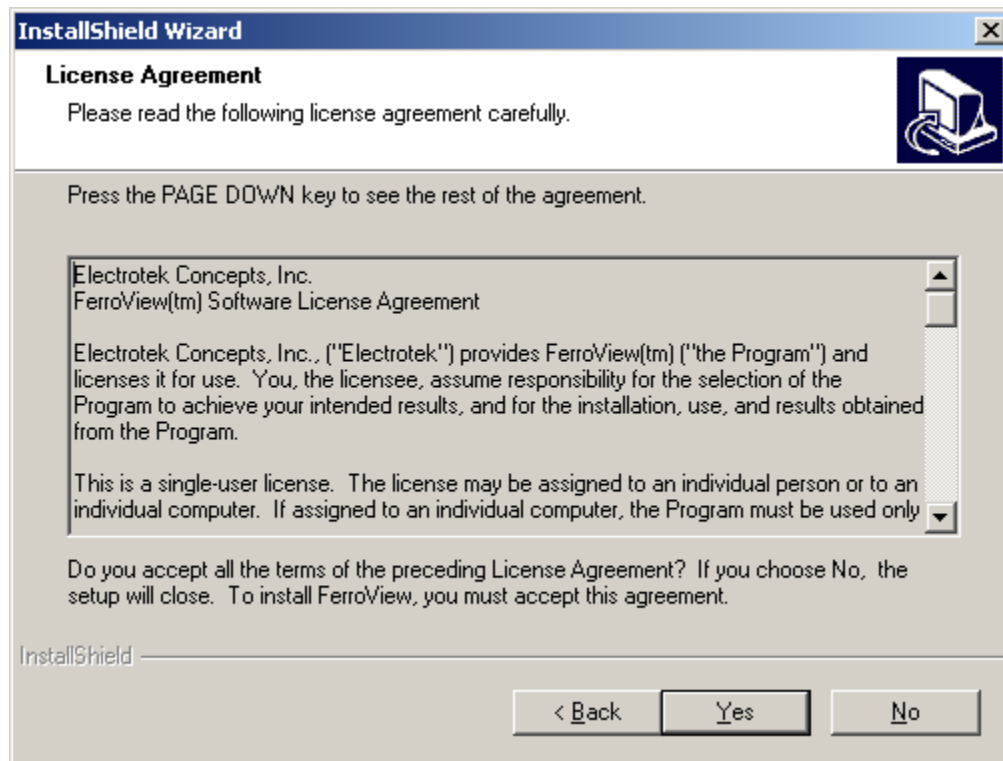


Figure 2: The License Agreement Window

Instructions: Read the license agreement, and then click **Yes** to accept it. Or, click **No** to quit Setup. You can also click **Back** to return to the previous window.

Choose Destination Location

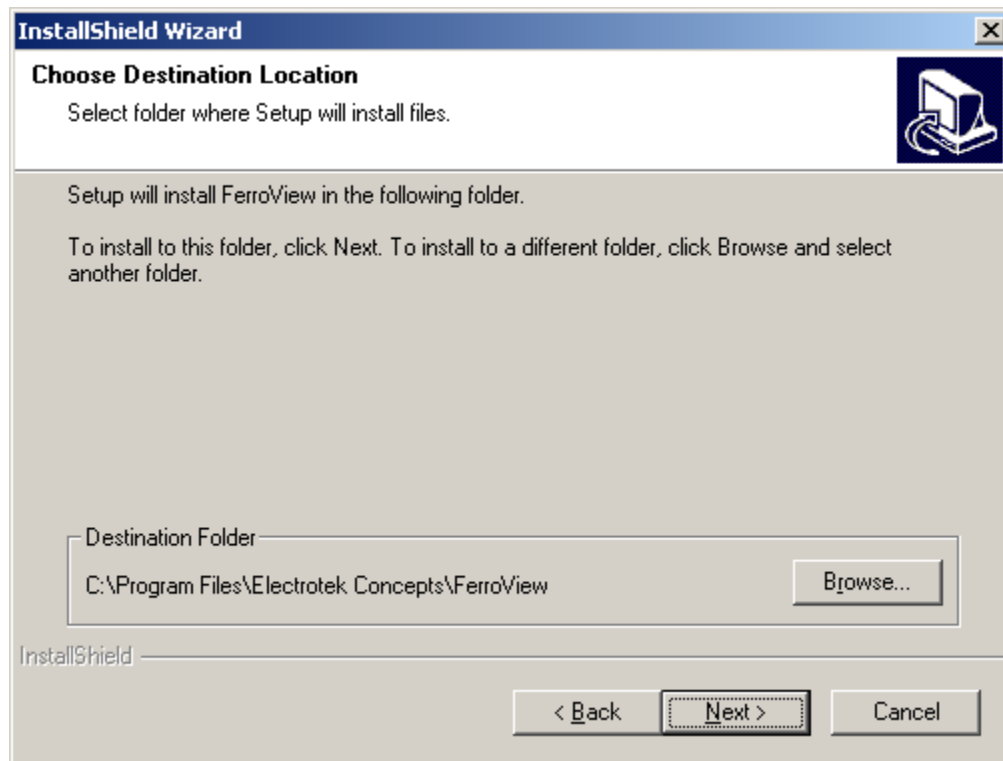


Figure 3: The Choose Destination Location Window

Instructions: Click **Next** to accept the default destination folder for the FerroView files. Or, click **Browse** to select a different destination folder, and then click **Next** to continue.

You can also click **Back** to return to the previous window. To quit Setup, click **Cancel**.

Select Program Folder

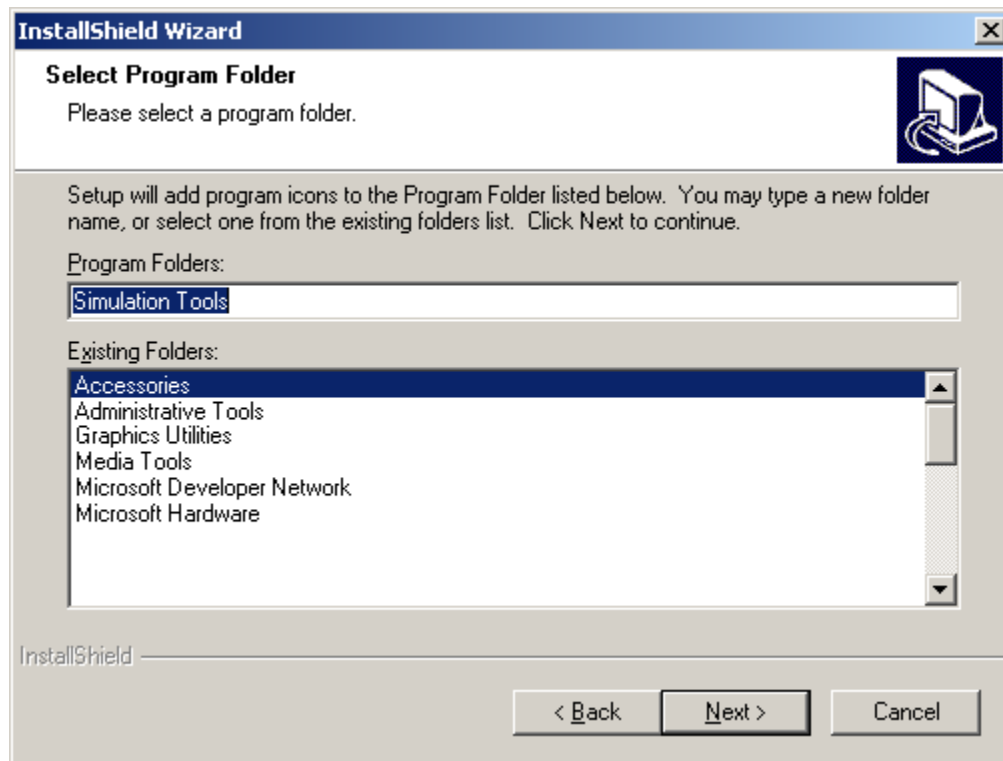


Figure 4: The *Select Program Folder* Window

Instructions: Click **Next** to accept the default program folder for the FerroView icons. This will create a new program folder called "Simulation Tools." If you want a name other than "Simulation Tools," type the new name, and then click **Next**. If you want to add for the FerroView icons to an existing program folder, select it from the list, and then click **Next**.

You can also click **Back** to return to the previous window. To quit Setup, click **Cancel**.

Start Copying Files

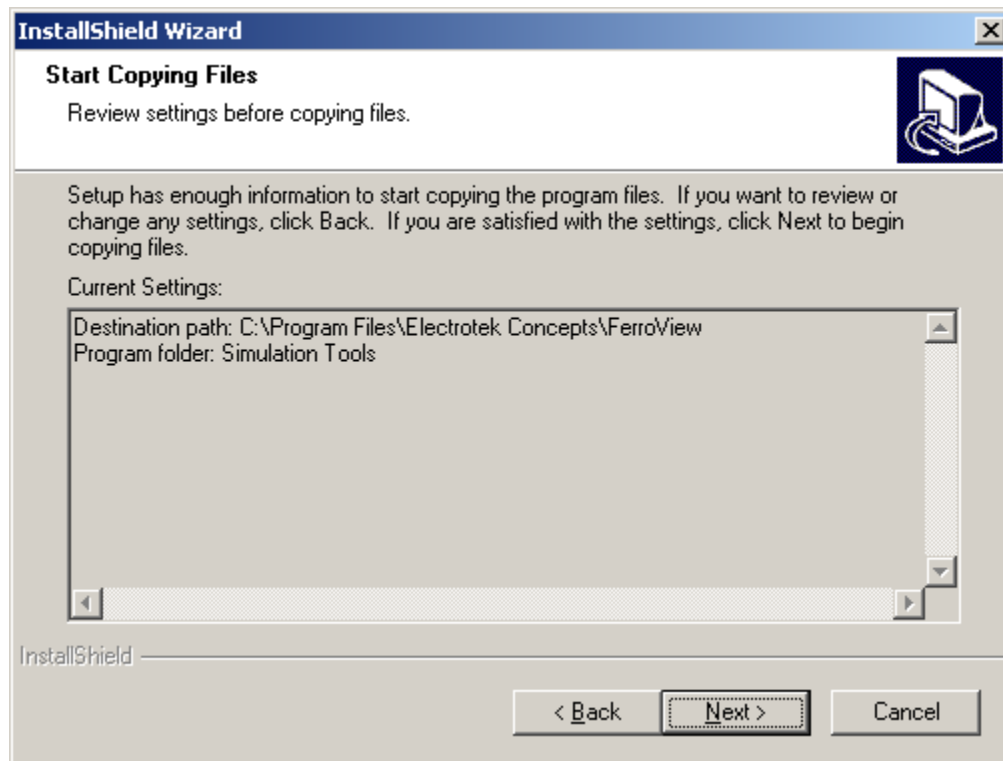


Figure 5: The *Start Copying Files* Window

Instructions: Verify your settings in the *Current Settings* box. Click **Next** to begin copying files. You can also click **Back** to return to the previous window. To quit Setup, click **Cancel**.

Setup Status—Installation

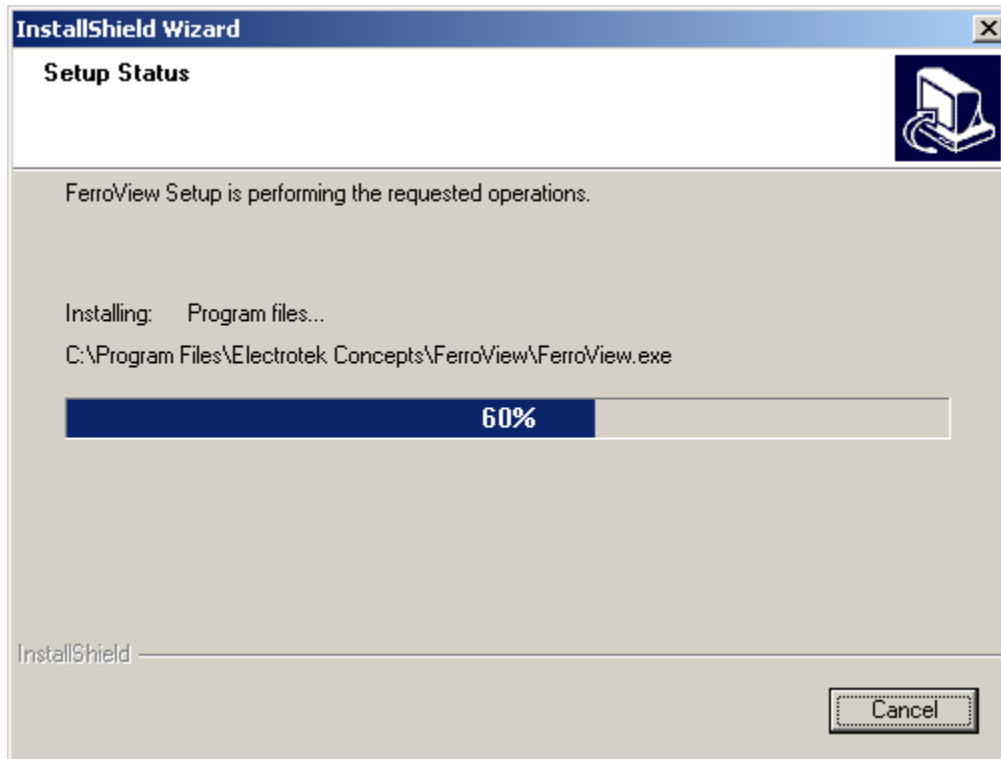


Figure 6: The *Setup Status* Window during Installation

Instructions: To quit Setup before installation completes, click **Cancel**.

InstallShield Wizard Complete

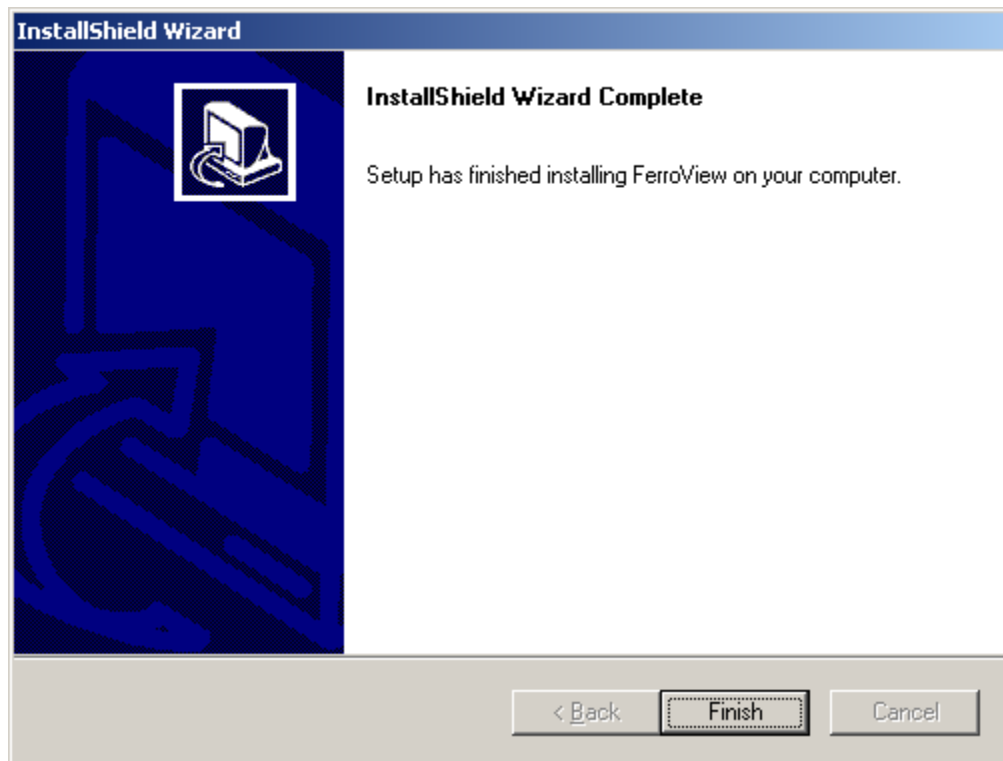


Figure 7: The *InstallShield Wizard Complete* Window

Instructions: Click **Finish**. FerroView is now installed on your computer.

3. Maintenance and Uninstallation

The FerroView installation program lets you perform installation maintenance activities. You can repair the installation, which means the program is reinstalled without viewing each window of Setup, or you can remove the program.

Use the Control Panel to repair or remove FerroView. To display the Control Panel, click **Start | Settings | Control Panel**.

The windows of the repair and remove processes are shown below with instructions.

Control Panel

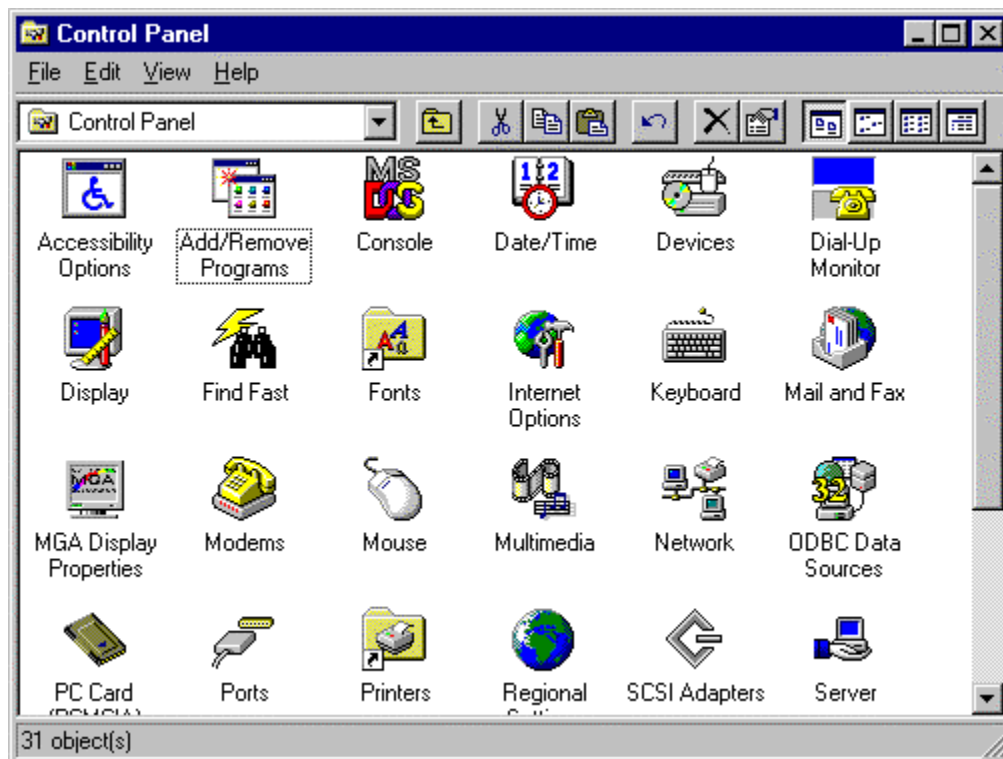


Figure 8: The Control Panel Window

Instructions: Double-click **Add/Remove Programs**.

Note: This window may vary depending on the version of Windows you are running.

Add/Remove Programs Properties

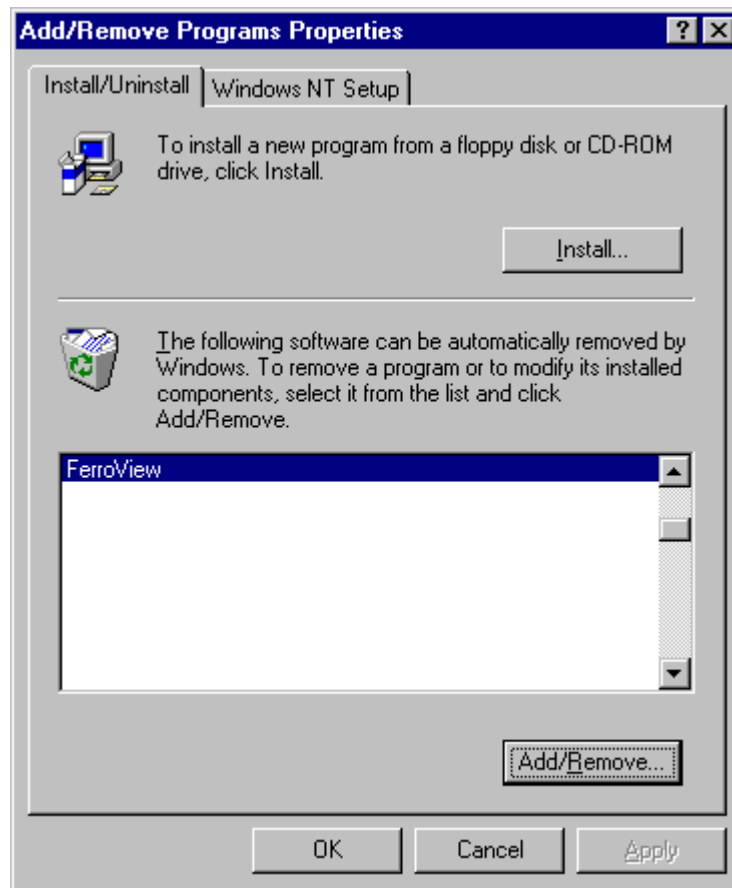


Figure 9: The *Add/Remove Programs* Window

Instructions: Select "FerroView" from the list, and then click **Add/Remove** to display the *Confirm File Deletion* dialog box (Figure 13).

Note: This window may vary depending on the version of Windows you are running.

Welcome

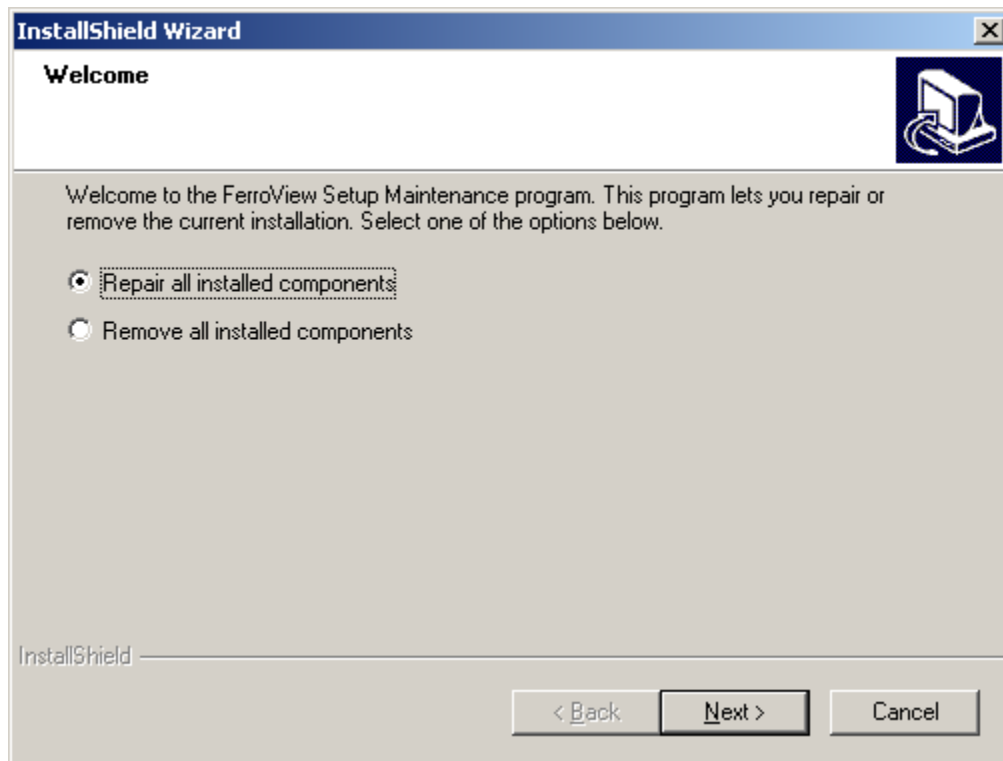


Figure 10: The *Welcome* Window During Maintenance and Uninstallation

Instructions: To repeat the installation process without viewing each window in section **2 Installation**, select *Repair all installed components*, and then click **Next**. To uninstall the program, select *Remove all installed components*, and then click **Next**.

If you want to repair the installed components, refer to section **3.1 Repair Option**. If you want to remove the program, refer to section **3.2 Remove Option**.

3.1. Repair Option

Selecting *Repair all installed components* on the *Welcome* window (Figure 10) during installation maintenance displays the *Setup Status* window. Note that this window is the same as the one as displayed in Figure 6.

Setup Status—Repair

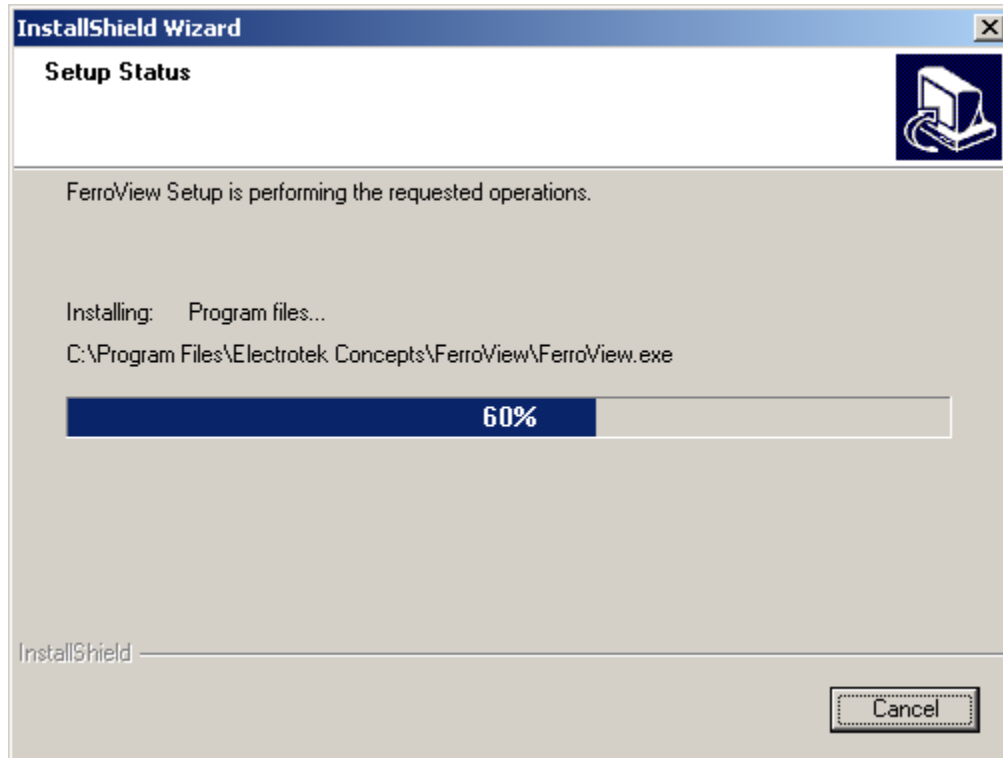


Figure 11: The *Setup Status* Window during Maintenance (Repair Option)

Instructions: If you want to abort, click **Cancel** before the repair process completes.

Maintenance Complete

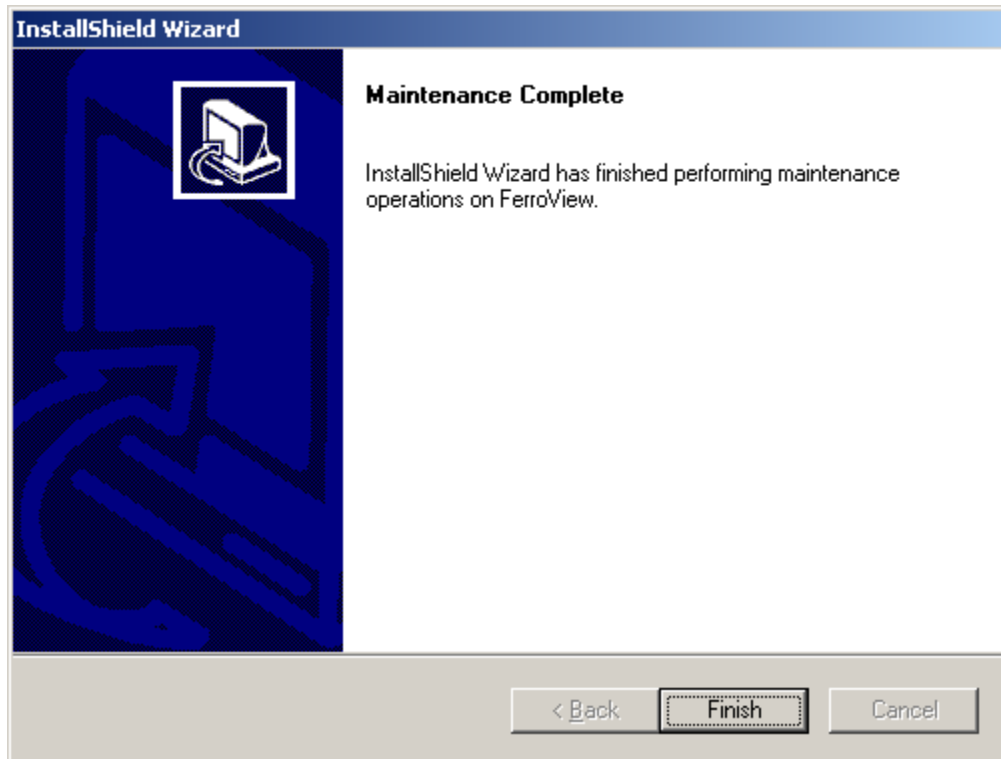


Figure 12: The *Maintenance Complete* Window (Repair Option)

Instructions: Click **Finish**. FerroView is now repaired.

3.2. Remove Option

Selecting *Remove all installed components* on the *Welcome* window (Figure 10) during installation maintenance displays a confirmation message.

Confirm File Deletion

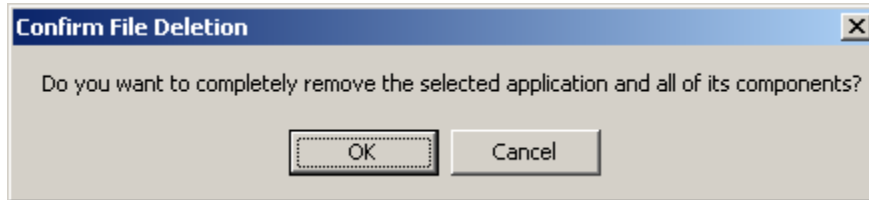


Figure 13: The *Confirm File Deletion* Dialog Box

Instructions: Click **OK** to proceed with the uninstallation process, or click **Cancel** to return to the *Add/Remove Programs* window (Figure 9).

Setup Status—Remove

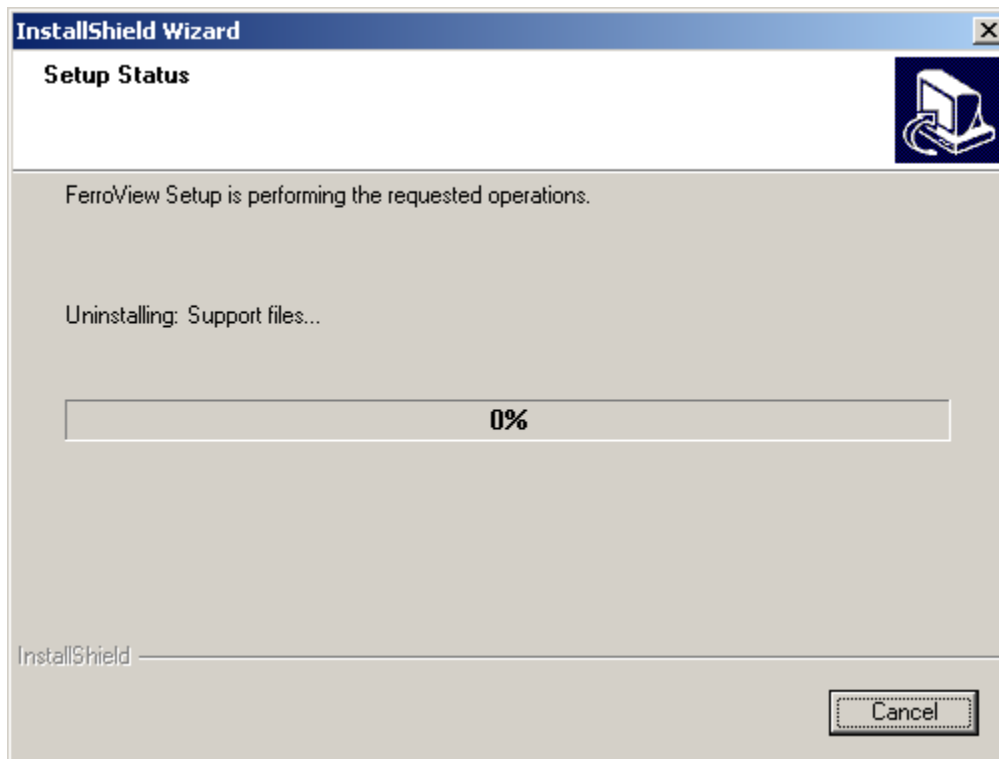


Figure 14: The *Setup Status* Window during Uninstallation

Instructions: To quit Setup before uninstallation completes, click **Cancel**.

Maintenance Complete

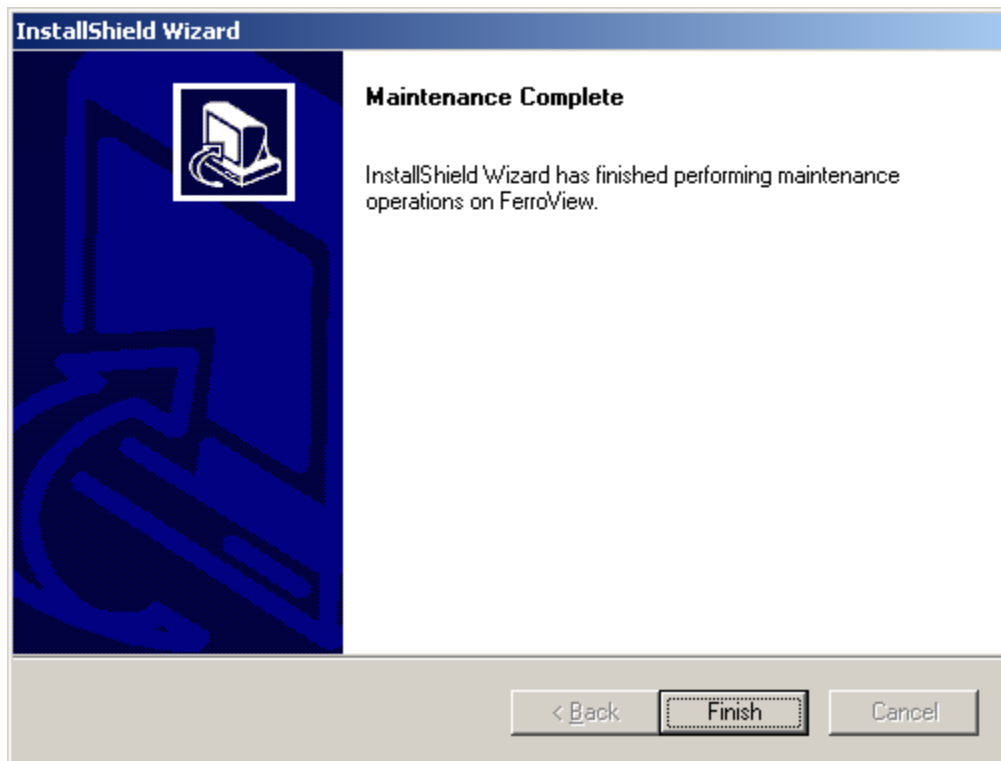


Figure 15: The *Maintenance Complete* Window (Remove Option)

Instructions: Click **Finish**. FerroView is now removed from your computer.