



Sun StorEdge™ Resource Management Suite Version 6.0

Global Reporter
Configuration and Installation Guide

Version 1.0

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303-4900 U.S.A.
650-960-1300

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Send comments about this document to: docfeedback@sun.com

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Preface

This guide is a reference tool for users who install and configure the Global Reporter software.

How This Guide is Organized

This guide is organized as follows:

Chapter 1 provides information you need to know before you install Global Reporter.

Chapter 2 lists steps to install Global Reporter.

Chapter 3 lists steps to start Global Reporter, modify a Global Reporter installation, or remove a Global Reporter installation.

See the Global Reporter online Help for information about how to use Global Reporter.

Related Documentation

To learn about:	See this:	Located here:
Late-breaking information on installation	<i>Global Reporter Release Notes</i>	Global Reporter CD-ROM
Screen-by-screen installation Help	Global Reporter Installation Help	Help button on each dialog box in the installation
Page-specific descriptions of the product, along with product usage, security, and troubleshooting tips	Global Reporter Online Help	Help option on the user interface's banner To access overall Help, click the Contents button in the Help window.

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Before Installing Global Reporter

Sun StorEdge™ Resource Management Suite Global Reporter is a Web-based application that provides a centralized view of the Capacity Reporter Servers across a storage network. This software gets installed on an existing Capacity Reporter Server computer, which causes the Capacity Reporter Server to be designated as a **Global Reporter Server**. The Global Reporter Server can then collect data from the Capacity Reporter databases of any Capacity Reporter Servers that have been registered with Global Reporter. The Global Reporter Server stores this information in the Capacity Reporter Global Reporter database, from which reports are extracted and displayed in the Global Reporter user interface.

Before installing Global Reporter, perform the following:

- Determine if all the prerequisites are met.
- Gather privileged account information to create the Capacity Reporter Global Reporter database, to run the Global Reporter Server's Storage Resource Manager service, and to register the desired Capacity Reporter Servers.
- Choose which Capacity Reporter Server computers will be the registered servers from which Global Reporter will collect information.
- Become familiar with the authentication methods that Global Reporter supports.

1.1 Prerequisites

This section includes a complete checklist of the minimum prerequisites needed for a successful installation of Global Reporter.

1.1.1 Global Reporter Server

The following are the minimum software, hardware, and account privileges requirements for a successful installation on the Global Reporter Server.

1.1.1.1 Required Software

- Microsoft Windows 2000 Server or Microsoft Windows 2000 Advanced Server (in an NT domain or a Windows 2000 Active Directory setup)
- Capacity Reporter Server software, version 5.0.1, with at least one valid license. For information on installing Capacity Reporter, see the *Sun StorEdge™ Capacity Reporter Configuration and Installation Guide*.
- Microsoft Information Server (IIS) 5.0
- Internet Explorer 5.0 or later
 - or –
 - Netscape Navigator 4.7
- SQL Server 2000

1.1.1.2 Required Hardware

- An Intel or compatible Pentium 266Mhz or higher processor.

1.1.1.3 Required Account Privileges

- Local administrator privileges on the computer on which Global Reporter will be installed.

1.1.2 Capacity Reporter Server

The following are the minimum software and account privileges requirements for successful registration of anCapacity Reporter Server.

1.1.2.1 Required Software

- Capacity Reporter Server software, version 4.0.1 or later.
- SQL Server 7.0 or SQL Server 2000

1.1.2.2 Required Account Privileges

- Read access privileges to the registered Capacity Reporter Server's Capacity Reporter database.

1.2 Gathering Required Account Information

The installation Setup procedure prompts for privileged account information for the creation of the Capacity Reporter Global Reporter database, and for running the Capacity Reporter service on the Global Reporter Server. Gather this information beforehand to save time during installation.

- Obtain the login ID and password for the account to use for database creation. This is either the SQL Server **SA** account or a Windows 2000 account that has database creation privileges on the selected SQL Server.
- Obtain the password for the Capacity Reporter Server's Storage Resource Manager Service Login Account. This is the existing account for the Capacity Reporter Server on which Global Reporter is being installed.

Note – If Windows Authentication is used throughout the storage network, the Service Login Account used by the Global Reporter Server must be the same account used by each Capacity Reporter Server that gets registered.

1.3 Choosing the Registered Capacity Reporter Servers

Choose the Capacity Reporter Servers from which you want to collect and report data. The registered Capacity Reporter Servers must run Capacity Reporter Version 4.0.1 or later and their databases must run either SQL Server 7.0 or 2000.

For successful registration, the account used to register a Capacity Reporter Server must have 'read' access to the Capacity Reporter Server's Capacity Reporter database. Global Reporter uses the data collected from the Capacity Reporter databases to create reports. For information on registering Capacity Reporter Servers, see the Global Reporter online Help.

1.4 Understanding Authentication Methods

Global Reporter uses the security features of Windows NT, IIS, and SQL Server. Global Reporter supports both Windows and SQL Server authentication methods. For more information on security, see the appendices in the *Sun StorEdge™ Capacity Reporter Configuration and Installation Guide*.

For...	Global Reporter Supports...
One domain	SQL Server Authentication Windows Authentication
Trusted domains	SQL Server Authentication Windows Authentication
Global Authorization domain controlling multiple domains	SQL Server Authentication Windows Authentication
Multiple domains with no Global Authentication domain and no trusts	SQL Server Authentication
Filtering of SQL network traffic	Contact Product Support
Windows Authentication accounts other than the account used on the Global Reporter Server	Contact Product Support
Other than SQL Server Authentication	Contact Product Support

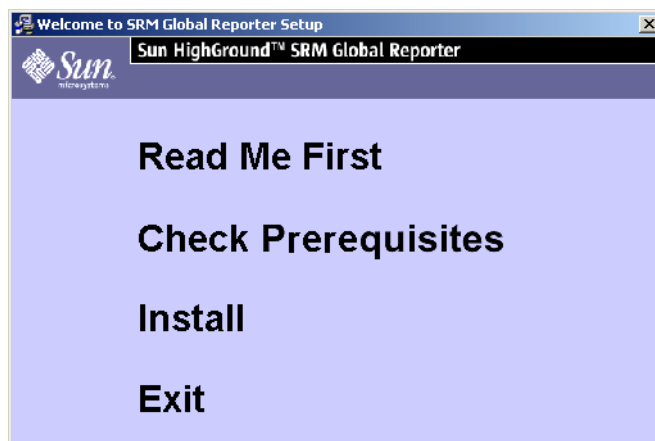
Installing Global Reporter

This chapter describes how to install Global Reporter. It is presumed that the computer designated as the Global Reporter Server computer is running Capacity Reporter Server version 5.0.1 and SQL Server 2000.

2.1 Installation Steps

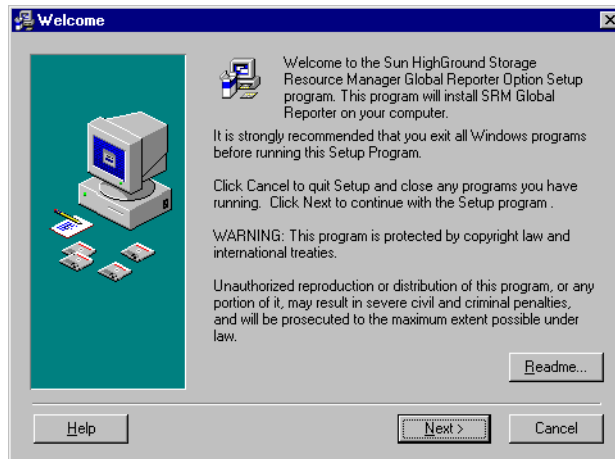
To install Global Reporter:

1. Exit all Windows programs and insert the Global Reporter CD-ROM into the CD-ROM drive.
2. If Auto Start is enabled, the Capacity Reporter Global Reporter installation menu launches automatically.



Click:

- **Read Me First** to view the Release Notes.
 - **Check Prerequisites** to run the prerequisite check.
 - **Install** to display the **Welcome** dialog box and proceed with the installation. Skip the next step and go to the step after it.
 - **Exit** to quit the Global Reporter installation procedure.
3. If Auto Start is not enabled, run **i386\setup.exe** from the Global Reporter CD-ROM to start installing Global Reporter.
4. Review the **Welcome** dialog box:

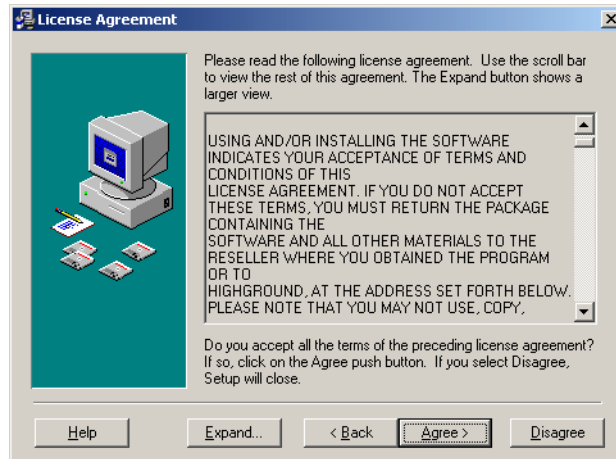


Click:

- **Readme...** to view the Release Notes in your default browser.
- **Next** to continue with the installation.
- **Cancel** to exit the installation.

Note – All Setup dialog boxes include detailed help information. Click **Help** to access this information.

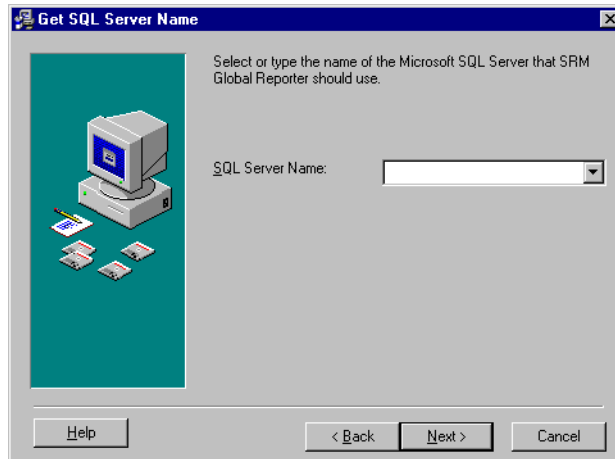
5. Review the **License Agreement** dialog box:



Click:

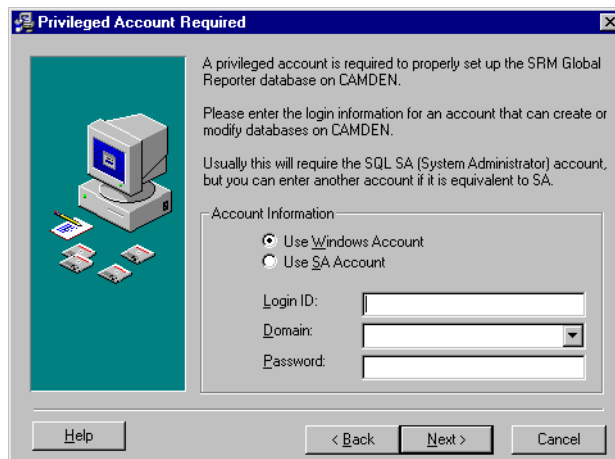
- **Expand** to view the full license agreement text.
- **Agree** to continue with the installation.
- **Disagree** to cancel the installation.

6. Review the **Get SQL Server Name** dialog box:



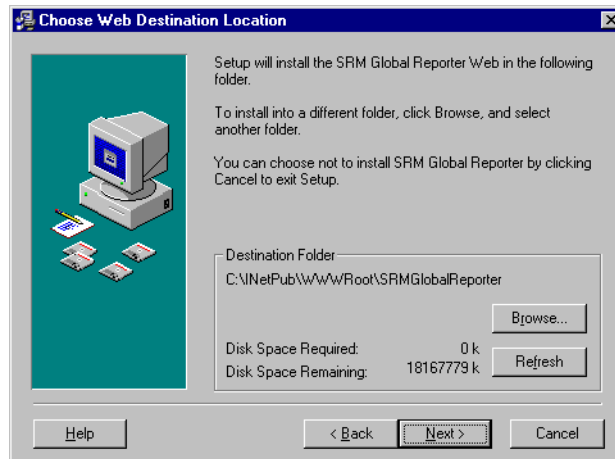
Enter the name of the SQL Server computer on which you want the Capacity Reporter Global Reporter database to be created (this can be the same SQL Server that is running the Capacity Reporter database, or a different SQL Server). Click **Next**.

7. If Setup determines that the account with which you are logged in does not have administrator privileges on the SQL Server, it displays the **Privileged Account Required** dialog box:



Specify an account type, and fill in the appropriate information. If you enter a Windows account, the account must have database creation privileges on the SQL Server. Click **Next** to continue.

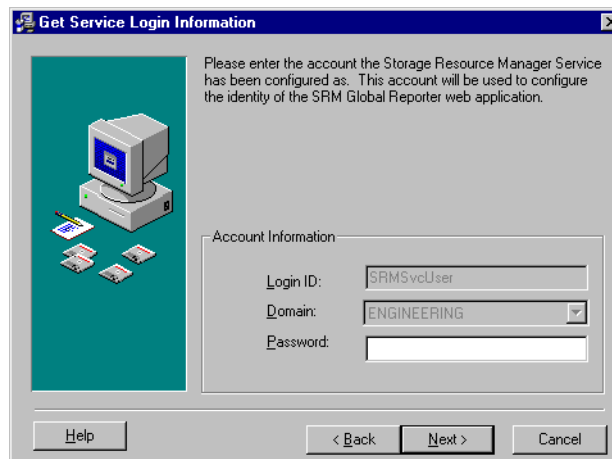
8. If Setup determines that the account with which you are logged in has administrator privileges on the SQL Server, or if you have completed the **Privileged Account Required** dialog box in the previous step, it displays the **Choose Web Destination Location** dialog box:



Click:

- **Next** to accept the default location and continue with the installation.
- **Browse** to specify a new location. If you specify an alternate directory, click **Refresh** to recalculate the remaining disk space.
- **Cancel** to exit the installation.

9. Review the **Get Service Login Information** dialog box:

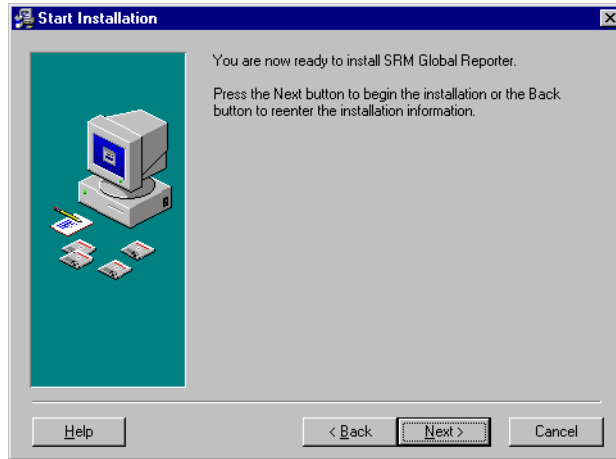


Global Reporter runs under the Storage Resource Manager service on the Capacity Reporter Server on which Global Reporter is being installed. This dialog box verifies the password for this account.

Note – If Windows Authentication is used throughout the storage network, each Capacity Reporter Server that needs to be registered must use this Service Login Account.

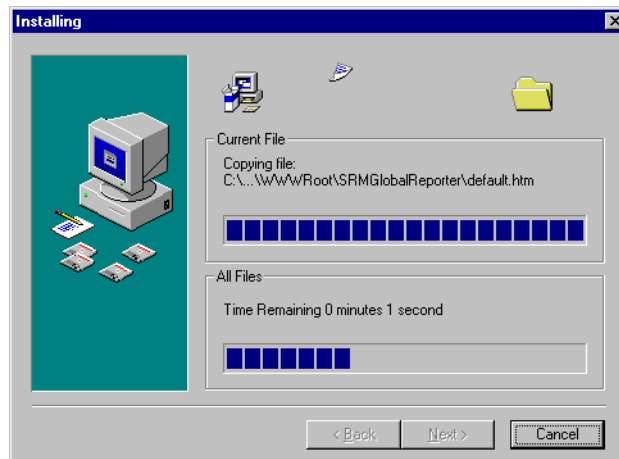
Click **Next** to continue with the installation.

10. Review the **Start Installation** dialog box:



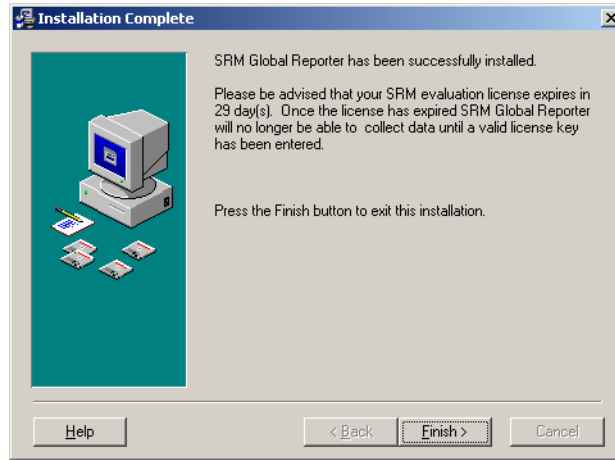
Click **Next** to continue with the installation.

11. The **Installing** dialog box displays the progress of the installation and lists all installed components, any services that must be restarted, and instructions on resolving any installation errors:



Review the information and click **Next** as necessary.

12. Setup displays the **Installation Complete** dialog box after it installs all the Global Reporter software:



If the Capacity Reporter Server on which Global Reporter is installed has an Evaluation license, the number of days left before the license expiration is displayed in this dialog box. If the license is about to expire:

- i. Contact a Capacity Reporter reseller for a valid license key.
 - ii. Access Capacity Reporter on the Capacity Reporter Server on which Global Reporter is being installed.
 - iii. Enter the valid license key on the Add a License Key page.
- Click **Finish** to complete the installation.

After Installing Global Reporter

After Global Reporter is successfully installed, you can do one or more of the following:

- Start the application and prepare to collect data.
- Reinstall Global Reporter to restore files.
- Uninstall Global Reporter and remove all associated files from your computer.

3.1 Getting Started

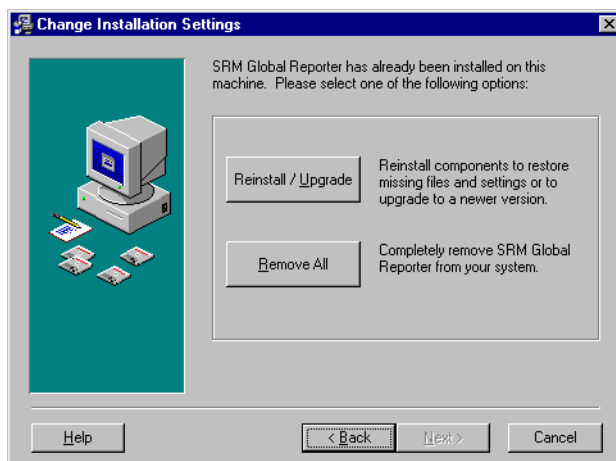
To use Global Reporter:

1. Click Capacity Reporter from the Capacity Reporter Master Console
– or –
Open a browser and type the following:
`http://<LocalComputerName>/srmglobalreporter`
where *LocalComputerName* is the Global Reporter Server's name.
2. Configure Global Reporter and the Capacity Reporter Server it manages. To do this:
 - Identify the registered Capacity Reporter Servers from which you want Global Reporter to collect data. For successful registration, the Windows or SQL Server Authentication account used to register the server must have **read** access privileges to the Capacity Reporter Server's Capacity Reporter database. For information on how to register databases, see the Global Reporter Help.
 - Set the frequency at which the Global Reporter Server scans the registered servers' databases.
3. Configure the storage resource's severity ranges.

3.2 Reinstalling Global Reporter

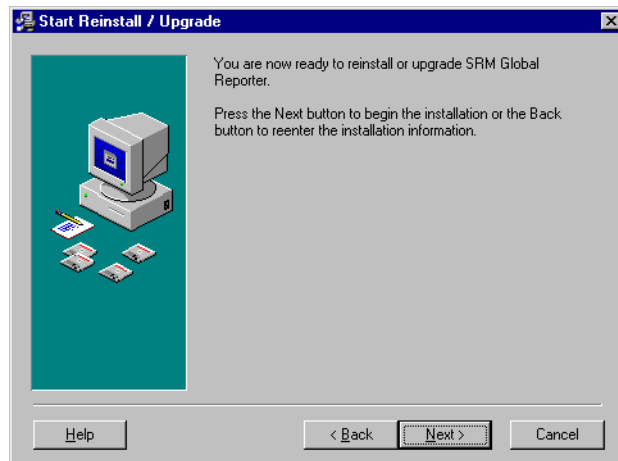
To reinstall Global Reporter over an existing installation:

1. Exit all Windows programs and insert the Global Reporter CD-ROM in the CD-ROM drive.
2. If Auto Start is enabled, the Capacity Reporter installation menu launches automatically. Click **Install** to display the **Change Installation Settings** dialog box. Skip the next step and go to the following step.
3. If Auto Start is not enabled, run **i386\setup.exe** from the Global Reporter CD-ROM.
4. Review the **Change Installation Settings** dialog box:



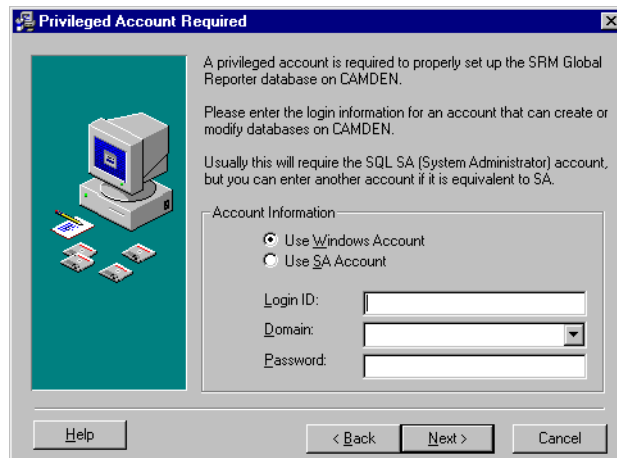
Click **Reinstall/Upgrade** to start the reinstallation process.

5. Review the **Start Reinstall/Upgrade** dialog box:



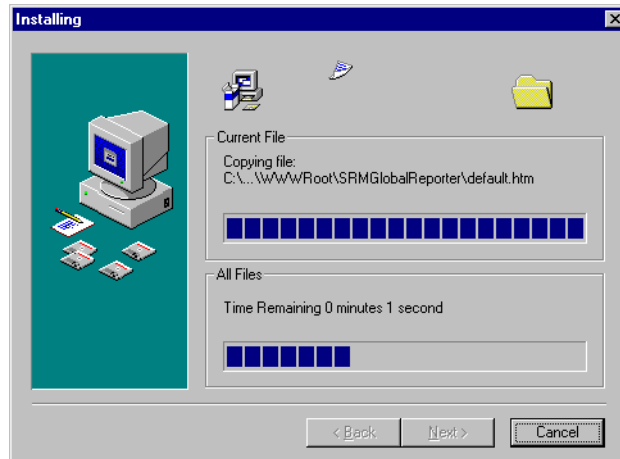
Click **Next** to begin reinstalling files.

6. If the installation process determines that the account with which you are logged in does not have the appropriate administrator privileges, it displays the **Privileged Account Required** dialog box:



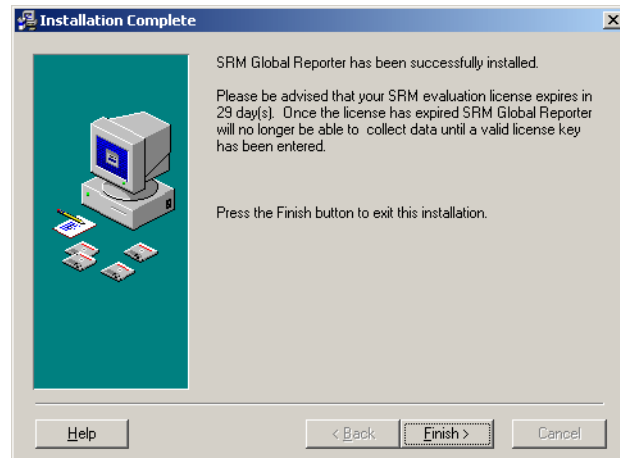
Specify the account type, and fill in the appropriate information. Click **Next** to continue.

7. The **Installing** dialog box displays the progress of the reinstallation and lists all installed components, any services that must be restarted, and instructions on resolving any installation errors:



Review the information and click **Next** as necessary.

8. Setup displays the **Installation Complete** dialog box after it reinstalls all the Global Reporter software:

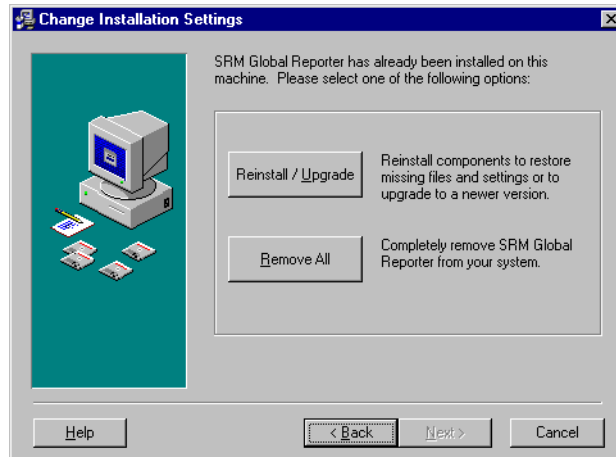


Click **Finish** to complete the installation.

3.3 Uninstalling Global Reporter

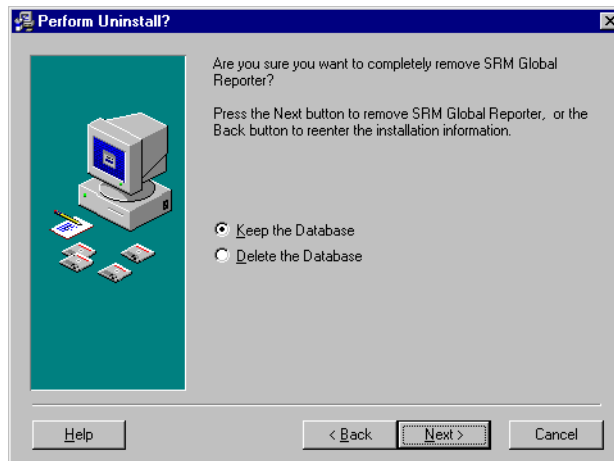
To remove Global Reporter from the computer:

1. Exit all Windows programs and insert the Global Reporter CD-ROM in the CD-ROM drive.
2. If Auto Start is enabled, the Global Reporter installation menu launches automatically. Click **Install** to display the **Change Installation Settings** dialog box. Skip the next step and go to the following step.
3. If Auto Start is not enabled, run **i386\setup.exe** from the Global Reporter CD-ROM.
4. Review the **Change Installation Settings** dialog box:



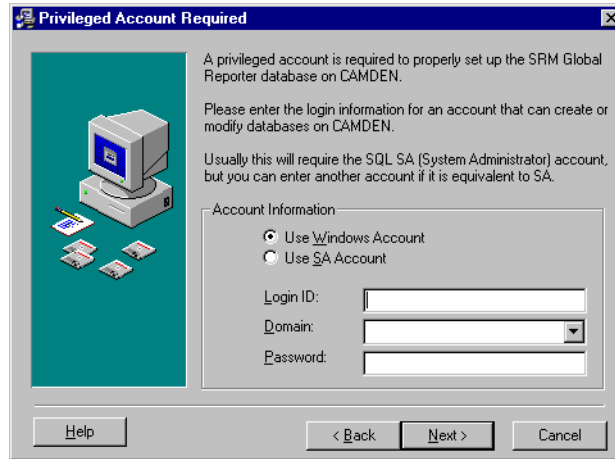
Click **Remove All** to start the uninstall process.

5. Review the **Perform Uninstall?** dialog box:



Choose whether to keep the existing Capacity Reporter Global Reporter database or remove it completely from the computer and click **Next**.

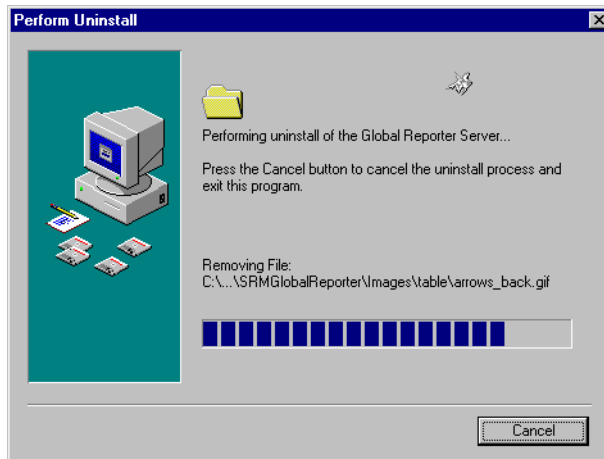
6. If deleting the Capacity Reporter Global Reporter database, Setup determines whether the account with which you are logged in has the appropriate administrator privileges. If it determines that the account does not have the privileges, it displays the **Privileged Account Required** dialog box:



Specify an account type, and fill in the appropriate information. Click **Next** to continue.

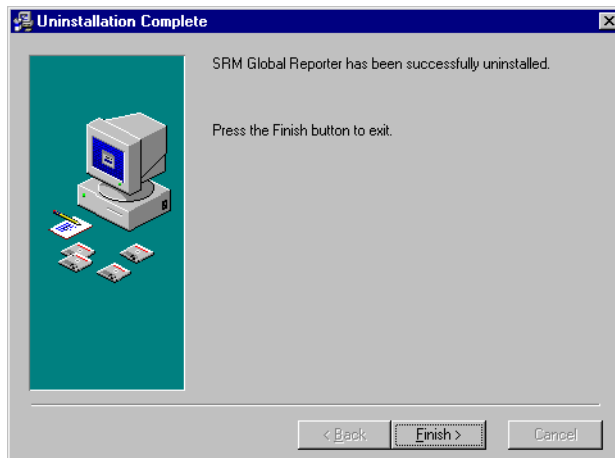
7. If the installation process determines one of the following, it displays the **Perform Uninstall** dialog box:
- The account with which you are logged in has the appropriate administrator privileges.
 - The Capacity Reporter Global Reporter database is not being deleted.
 - An account with the appropriate privileges was entered in the **Privileged Account Required** dialog box.

Global Reporter software is then removed from the computer. The **Perform Uninstall** dialog box displays the progress of the software removal and instructions for resolving any errors:



Review any informational messages and click **Next**.

8. Setup displays the **Uninstallation Complete** dialog box after it removes all the Global Reporter software:



Click **Finish** to complete the software removal.