

UniVista Installation Guide

Release 1.0



P R O L I P H I X

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Preface

The *UniVista Installation Guide* describes how to install and access UniVista, the Proliphix Device Management Software.

Audience

This guide is intended for managers and/or facilities managers or those responsible for installing UniVista.

As a reader of this guide you should be familiar with the use of an Internet browser (for example Internet Explorer or Mozilla) and a working knowledge on general data networking principles. You should have prior experience with establishing a local area network in either a home or office. You should understand the basic principles of connecting patch panels and switches as well as configuring features on a firewall router.

Proliphix Documentation Library

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Proliphix Product	Title	Audience
NT10e, NT20e, NT100e/h, NT120e/h, NT130e/h, NT150e/h, and NT160e/h	<i>Proliphix Thermostat Installation Guide</i>	For customers who want to install the Basic and Professional series thermostat.
EPA 20 and EPA 60	<i>Proliphix Ethernet Power Adapter Installation Guide</i>	For customers who want to install the EPA-20 or EPA-60 Ethernet Power Adapter.
NT100e/h, NT120e/h, and NT130e/h	<i>Proliphix Remote Management Setup Guide</i>	For customers who want to manage the thermostat using the Proliphix Remote Management Server.
NT10e, NT20e, NT100e/h, NT120e/h, NT130e/h, NT150e/h, and NT160e/h	<i>Proliphix Remote Management User Guide</i>	For customers who own either the Basic series or Professional series thermostat and want to remotely manage their thermostats through secure authentication at the Proliphix web site.
TM220e/h and TM250e/h	<i>Thermal Management Series Network Thermostat Configuration Guide (TM220e/h and TM250e/h)</i>	For customers who want to access and control their Proliphix Thermal Management series thermostat through either the Thermostat Device Interface or more specifically through the browser-based Thermostat Management Interface (TMI).
NT100e/h, NT120e/h, NT130e/h, NT150e/h, and NT160e/h	<i>Professional Series Network Thermostat Configuration Guide (NT100e/h, NT120e/h, NT130e/h, NT150e/h, and NT160e/h)</i>	For customers who want to access and control their Proliphix Professional series thermostat through either the Thermostat Device Interface or more specifically through the browser-based Thermostat Management Interface (TMI).
NT10e and NT20e	<i>Basic Series Network Thermostat Configuration Guide (NT10e and NT20e)</i>	For customers who want to access and control their Proliphix Basic series thermostat through either the Thermostat Device Interface or more specifically through the browser-based Thermostat Management Interface (TMI).
NT10e, NT20e, NT100e/h, NT120e/h, NT130e/h, NT150e/h, NT160e/h TM220e/h, and TM250e/h	<i>UniVista Installation Guide</i>	For customers who want to install UniVista.
NT10e, NT20e, NT100e/h, NT120e/h, NT130e/h, NT150e/h, NT160e/h TM220e/h, and TM250e/h	<i>UniVista User's Guide</i>	For customer who want to manage their Proliphix devices remotely using UniVista.

Conventions

This guide uses the following conventions, when applicable:

Description	Convention and Example
Commands or keywords, file or path names	Boldface font
Variable parameters for which you supply values	<i><courier italics></i>
Options and arguments for which you supply values	[]
Information that the user must enter	Courier Bold font
Screen messages or system output	Courier Regular font
Selecting a menu item	Menu => Option
Book titles, new terms, and emphasized text	<i>Italics</i>



Note

Additional information that may apply to the subject text.



Caution

Proceed carefully to avoid possible equipment damage or data loss.



Warning

Proceed carefully to avoid possible personal injury.



Tip

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Technical Publications

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Note

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- Product model and serial number
- Type of heating/cooling system (for example, gas, oil, or electric; warm air, hot water, heat pump, steam or gravity)
- Location and number of wires attached to the Proliphix thermostat

To contact Proliphix Technical Support:



Proliphix, Inc.
www.proliphix.com
66 Tadmuck Road, Suite 1
Westford, MA 01886



E-mail: support@proliphix.com



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Preface

Before You Begin

This chapter provides an overview of UniVista. It also describes the hardware, software, and network installation and operating requirements, as well as the different types of licensing UniVista supports.

Specifically, it describes the following sections:

- [Overview \(page 1-2\)](#)
- [Installation and Operating Requirements \(page 1-2\)](#)
- [Licensing \(page 1-4\)](#)
- [Verifying Port 80 Availability \(page 1-5\)](#)

Overview

UniVista is a web-based application that enables you to organize, configure, and manage multiple devices (thermostats) at the same time in order to streamline your day-to-day operations. Using UniVista, you can manage a number of devices installed throughout a large geographic area from one remote location with a PC web browser, which enables you to:

- Eliminate repetitive tasks.
- Reduce the time and expense of visiting each site and configuring each device individually.
- Configure thermostat-specific features (such as setting the temperature) on multiple devices at the same time.
- Configure multiple devices to be on the same schedule.
- View the status of multiple devices at the same time.
- Manage remote alarms for multiple (hundreds) devices.

Installation and Operating Requirements

This section lists the hardware, software, and network requirements for installing and accessing UniVista.



Prior to installing UniVista and configuring and managing devices, you must know the IP address for each device. Use [Appendix A, Configuration Worksheet](#) to record the information.



If you have an existing web server on the server you want to install UniVista, you must ensure that this web server does not use port 80. If port 80 is used by this web server then it must be permanently shut off or moved to a different server. See [Installing UniVista \(page 2-10\)](#) for more information.

Hardware Requirements

To install and run UniVista, the following minimum hardware is required:

- Windows XP Professional, Service Pack Two, or Windows Server 2003 R2
- Proliphix thermostats installed, operating, and connected to the network
- 1 GB of RAM, 200 MB of hard disk space, Intel Pentium 4/AMD equivalent or greater processor



Note

Proliphix recommends a minimum of a 19" landscape monitor.

Software Requirements

To log into UniVista remotely, you must have the following:

- Internet Explorer 6.x or Firefox 1.x.
- Java Runtime Environment (JRE) version 1.5.0_12 or 1.5.0_14



Note

The JRE is automatically installed by Java Web Start when the client is invoked. If you are behind a firewall and unable to invoke access, the JRE has been included on the UniVista Installation CD in the Client directory. For more information, contact [Technical Support \(page -xii\)](#).

Network Requirements

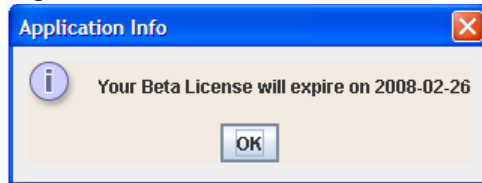
To support UniVista, your network must meet the following requirements:

- If the server is behind a firewall, you must have a port forward configured on the HTTP port and the SSL port back to UniVista.
- A DNS name for the server.

Licensing

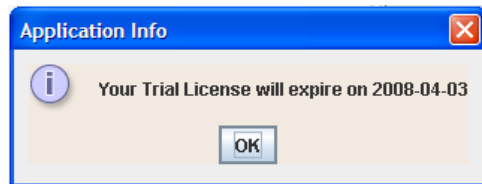
UniVista supports three types of licensing: **Beta**, **Trial**, and **Server**. A **Beta** license expires on a specific date. When you have a **Beta** license then each time you log into UniVista a dialog similar to the one shown below appears indicating when your license expires. See [Figure 1-1](#).

Figure 1-1 Beta License



A **Trial** license expires 30 days from the time UniVista was installed. When you have a **Trial** license then each time you log into UniVista a dialog similar to the one shown below appears indicating when the license is due to expire. See [Figure 1-2](#).

Figure 1-2 Trial License



A **Trial** license allows for up to 100 devices to be configured using UniVista and 5 concurrent users. For example, if 2 users are logged in as the admin user then this counts as 2 users.



Note

*A **Server** license does not expire, therefore no dialog appears.*

Once a license has expired, a dialog appears indicating the license has expired. You are able to access UniVista, however you are not able to manage the folder tree or configure devices using the Function Frame until the license subscription is updated. To update the license subscription, see the *UniVista User's Guide*.

Verifying Port 80 Availability

Prior to installing UniVista you must verify that port 80 is available for use.



Note

Any service using port 80 on the server machine must be permanently shut off or removed. If you simply shut it down for the installation and later reboot the server then automatic services restart causing UniVista to not function properly.

To verify port 80 is available:

- 1 In Windows, click the **Start** button.
- 2 Select **Run**.
- 3 In the Run window, enter **cmd**.

The Windows command prompt appears.

- 4 At the prompt, enter **netstat -a** and press **Enter**. See [Figure 1-3](#).

Figure 1-3 Command Prompt

```

C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\1>netstat -a

Active Connections

Proto Local Address           Foreign Address         State
TCP    computer1:epmap         computer1:0             LISTENING
TCP    computer1:microsoft-ds computer1:0             LISTENING
TCP    computer1:1026         computer1:0             LISTENING
TCP    computer1:1068         localhost:27015        ESTABLISHED
TCP    computer1:27015        computer1:0             LISTENING
TCP    computer1:27015        localhost:1068        ESTABLISHED
TCP    computer1:netbios-ssn  computer1:0             LISTENING
TCP    computer1:1038         kdc.uas.aol.com:https ESTABLISHED
TCP    computer1:1039         64.12.28.133:https    ESTABLISHED
TCP    computer1:1056         ats-dcc.dial.aol.com:5190 ESTABLISHED
TCP    computer1:1198         65.55.249.68:http     CLOSE_WAIT
TCP    computer1:1199         65.55.197.248:http    ESTABLISHED
TCP    computer1:1202         64.111.215.128:http   ESTABLISHED
TCP    computer1:1207         64.111.215.185:http   ESTABLISHED
TCP    computer1:1208         64.111.215.185:http   ESTABLISHED
TCP    computer1:1210         64.111.215.175:http   ESTABLISHED
TCP    computer1:1212         165.254.127.66:http   ESTABLISHED
TCP    computer1:1213         165.254.127.66:http   ESTABLISHED
TCP    computer1:1215         165.254.127.105:http  ESTABLISHED
TCP    computer1:1217         165.254.127.105:http  ESTABLISHED
TCP    computer1:1218         165.254.127.66:http   ESTABLISHED
TCP    computer1:1219         165.254.127.105:http  ESTABLISHED
TCP    computer1:1220         165.254.127.105:http  ESTABLISHED
TCP    computer1:1221         165.254.127.66:http   ESTABLISHED
TCP    computer1:1225         a72-246-183-182.deploy.akamaitechnologies.com:https CLOSE_WAIT
TCP    computer1:1227         65.55.197.114:http    ESTABLISHED
TCP    computer1:1228         65.55.249.68:http     CLOSE_WAIT
TCP    computer1:1233         64.111.215.128:http   ESTABLISHED
TCP    computer1:1238         192.221.99.124:http   CLOSE_WAIT
UDP    computer1:microsoft-ds **:*
UDP    computer1:1029         **:*
UDP    computer1:1033         **:*
UDP    computer1:1052         **:*
UDP    computer1:1106         **:*
UDP    computer1:1119         **:*
UDP    computer1:ntp          **:*
UDP    computer1:1037         **:*
UDP    computer1:1042         **:*
UDP    computer1:1044         **:*
UDP    computer1:1900         **:*
UDP    computer1:ntp          **:*
UDP    computer1:netbios-ns   **:*
UDP    computer1:netbios-dgm **:*
UDP    computer1:1900         **:*
UDP    computer1:7005         **:*
UDP    computer1:8243         **:*

C:\Documents and Settings\1>

```

- 5 Verify that none of the **Local Addresses** end in **:http** or **:80**.
 - If none of the addresses end in **:http** or **:80**, continue with [Chapter 2, Installing and Accessing UniVista](#).
 - If one of the addresses ends in **:http** or **:80**, contact your Technical Support department to uninstall the information on the port.

Installing and Accessing UniVista

This chapter describes the necessary steps to install and access UniVista.

Specifically, it describes the following sections:

- [Overview \(page 2-2\)](#)
- [Installing PostgreSQL \(page 2-3\)](#)
- [Installing UniVista \(page 2-10\)](#)
- [Accessing UniVista \(page 2-15\)](#)



Note

Before you can perform the functions in this chapter, you must have verified that port 80 is available for use. For more information, see [Verifying Port 80 Availability \(page 1-5\)](#).

Overview



Note

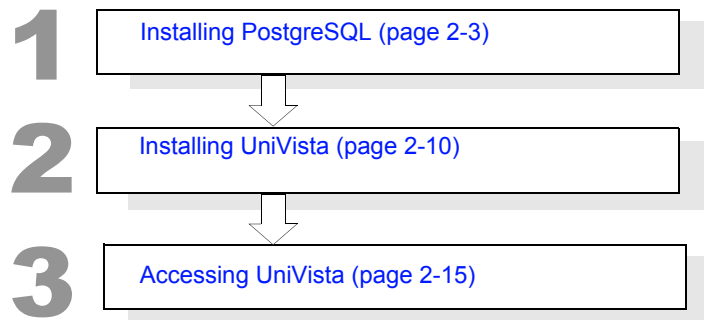
You must have administrator privileges to install UniVista.

The UniVista CD contains two directories: **Client** and **Server**. Within the **Server** directory are the **Install** and **UnInstall** directories. The **Install** directory contains the following two files:

- **Install_PostgreSQL.EXE** contains the files necessary to install the database. For more information, see [Installing PostgreSQL \(page 2-3\)](#).
- **Install_UniVista_<version>.msi** contains the files necessary to install the application. For more information, see [Installing UniVista \(page 2-10\)](#).

[Figure 2-1](#) outlines the necessary steps to add install UniVista and shows the menu path to access each step. You must first install the database files then install the application files. You should perform each task in the order shown in [Figure 2-1](#).

Figure 2-1 Installation and Verification Overview



Note

You must install the files into the default directories and do not change any of the installation options.



Note

The JRE is automatically installed by Java Web Start when the client is invoked. If you are behind a firewall and unable to invoke access, the JRE has been included on the UniVista Installation CD in the Client directory. For more information, contact [Technical Support \(page -xii\)](#).



Note

If you encounter any problems with the UniVista installation, contact [Technical Support \(page -xii\)](#).

**Note**

The `UnInstall` directory contains the file `UnInstall_All_<version>.EXE`. For information about uninstalling UniVista, see [Appendix B, Uninstalling UniVista](#).

Installing PostgreSQL

To install the database files:

- 1 Insert the UniVista CD into the CD drive.
- 2 In Windows, open the CD to display the two folders: **Client** and **Server**.
- 3 Double-click the **Server** folder to display the two folders: **Install** and **UnInstall**.
- 4 Double-click the **Install** folder to display the two files **Install_PostgreSQL.EXE** and **Install_UniVista_<version>.msi**. See [Figure 2-2](#).

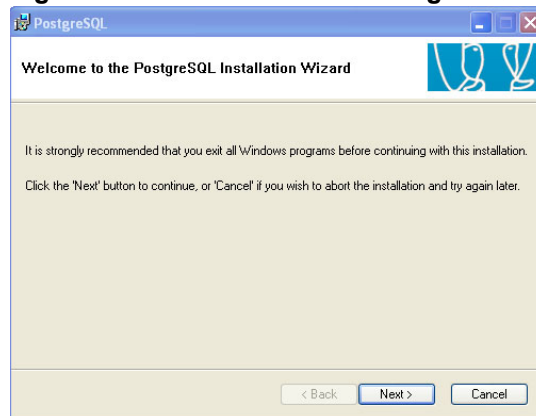
Figure 2-2 Install Folder

Name	Size	Type	Date Modified
Install_PostgreSQL.EXE	26,030 KB	Application	3/2/2008 1:27 PM
Install_UniVista 1.0.0.msi	167,266 KB	Windows Installer P...	3/2/2008 6:06 PM

- 5 Double-click the **Install_PostgreSQL.EXE** file.

The application file loads and the **Welcome** window appears. See [Figure 2-3](#).

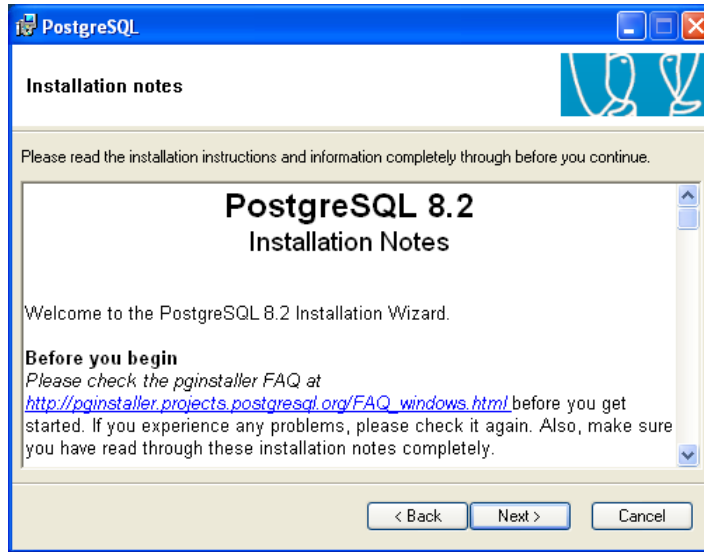
Figure 2-3 Welcome to the PostgreSQL Installation Wizard Window



- 6 Click **Next**.

The **Installation notes** window appears. See [Figure 2-4](#).

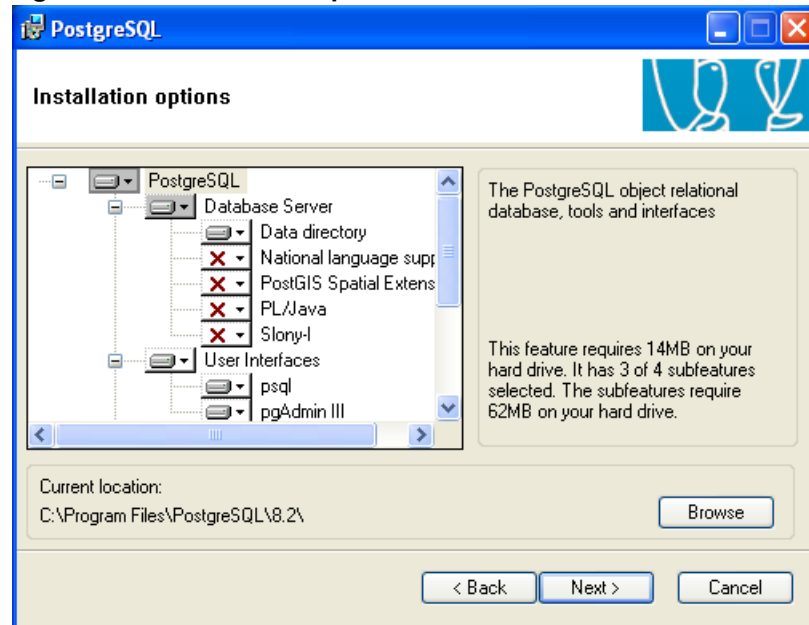
Figure 2-4 Installation Notes Window



- 7 Click Next.

The **Installation options** window appears. See [Figure 2-5](#).

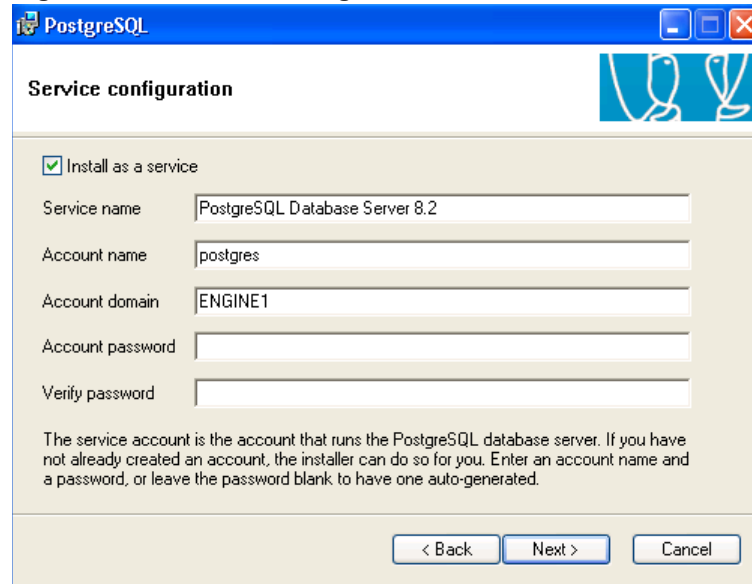
Figure 2-5 Installation Options Window



8 Click **Next**.

The **Service configuration** window appears. See [Figure 2-6](#).

Figure 2-6 Service Configuration Window



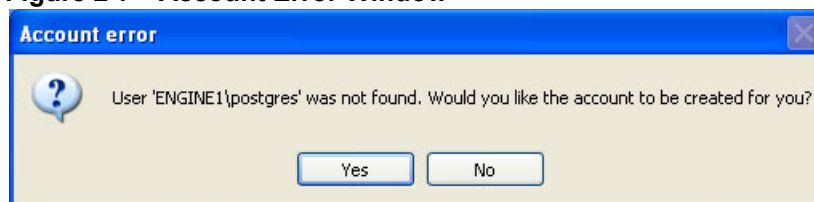
Note

*You do not need to enter an **Account name/Account password**. When you click **Next**, UniVista automatically creates an **Account name/Account password**.*

9 Click **Next**.

The **Account error** window appears. See [Figure 2-7](#).

Figure 2-7 Account Error Window



10 Click **Yes** to create an account.

The **Password** window appears and displays the password. See [Figure 2-8](#).

Figure 2-8 Password Window



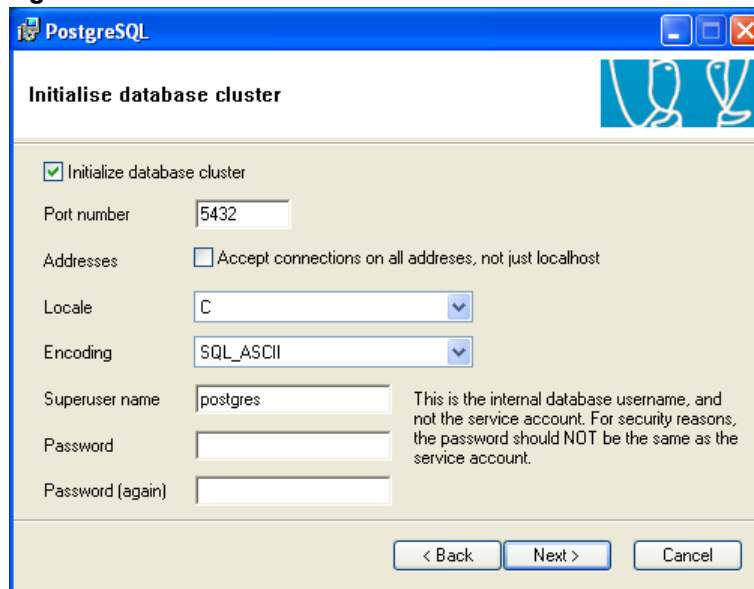
Note

You do not need to write down this password. It is not needed for UniVista.

- 11 Click **OK**.

The **Initialize database cluster** window appears. See [Figure 2-9](#).

Figure 2-9 Initialize Database Cluster Window 1



- 12 Verify the **Superuser name** is **postgres**.
- 13 Enter **admin** in both Password fields. You **MUST** only use the password of **admin** here or the server will fail to operate properly. See [Figure 2-10](#).



Note

*The **Superuser name** and **Password** must both be lowercase.*

Figure 2-10 Initialize Database Cluster Window 2

14 Click **Next**.

The **Enable procedural languages** window appears. See [Figure 2-11](#).



Note

*You must accept all default values in the **Enable procedural languages** window.*

Figure 2-11 Enable Procedural Languages Window

15 Click **Next**.

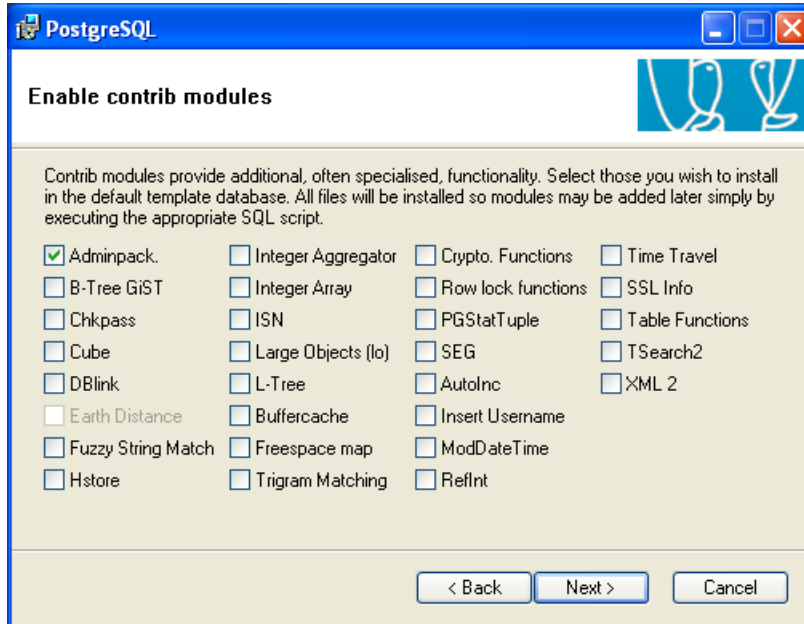
The **Enable contrib modules** window appears. See [Figure 2-12](#).



Note

You must accept all default values in the *Enable contrib modules* window.

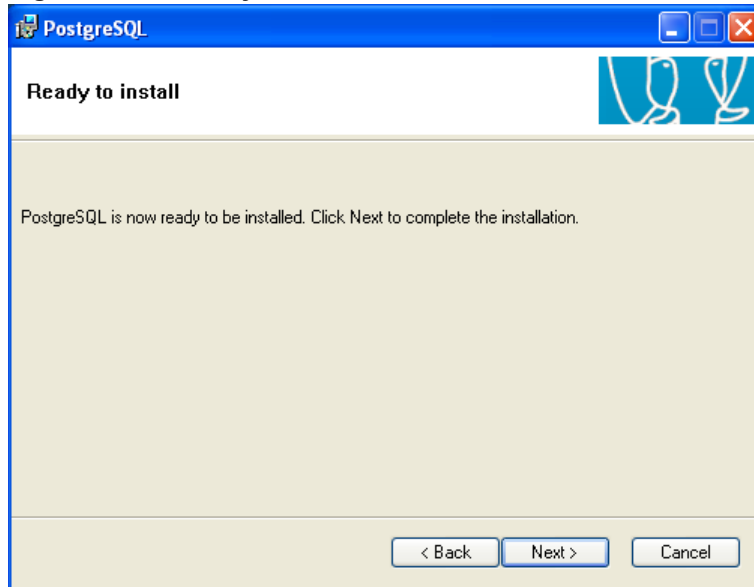
Figure 2-12 Enable Contrib Modules Window



16 Click **Next**.

The **Ready to install** window appears. See [Figure 2-13](#).

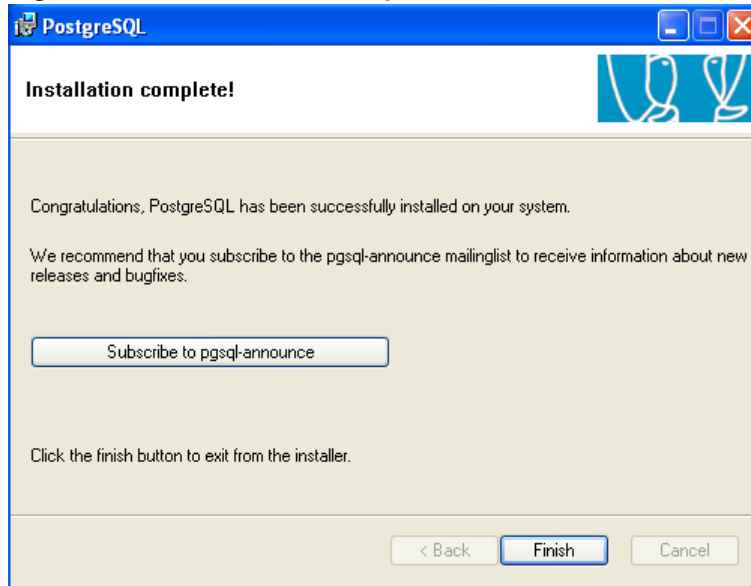
Figure 2-13 Ready to Install Window



17 Click **Next** to begin the installation.

Once complete, the **Installation complete!** window appears. See [Figure 2-14](#).

Figure 2-14 Installation Complete Window



18 Click **Finish**.

Continue with [Installing UniVista \(page 2-10\)](#).

Installing UniVista

To install the application files:

- 1 From the UniVista CD, double-click the **Server** folder to display the two folders: **Install** and **UnInstall**
- 2 Double-click the **Install** folder to display the **Install_UniVista_<version>.msi** file. See [Figure 2-15](#).

Figure 2-15 Install Folder

Name	Size	Type	Date Modified
Install_PostgreSQL.EXE	26,030 KB	Application	3/2/2008 1:27 PM
Install_UniVista 1.0.0.msi	167,266 KB	Windows Installer P...	3/2/2008 6:06 PM

- 3 Double-click the **Install_UniVista_<version>.msi** file.

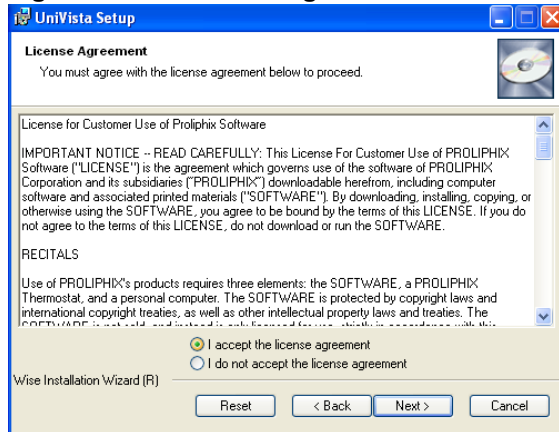
The application file loads and the **Preparing to Install** window appears. After several minutes, the **Welcome** window appears. See [Figure 2-16](#).

Figure 2-16 Welcome Window



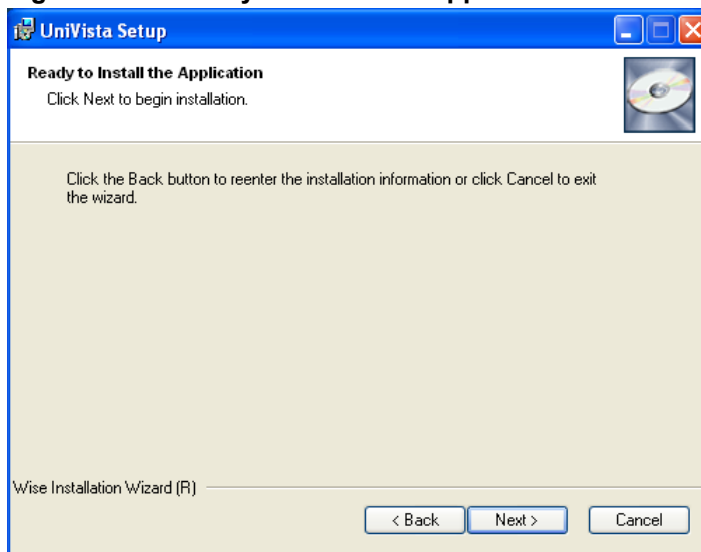
- 4 Click **Next**.

The **License Agreement** window appears. See [Figure 2-17](#).

Figure 2-17 License Agreement Window

- 5 Review the license agreement and click **I accept the license agreement**.
- 6 Click **Next**.

The **Ready to Install the Application** window appears. See [Figure 2-18](#).

Figure 2-18 Ready to Install the Application Window

- 7 Click **Next**.

The installation begins and a series of screens similar to the examples shown below appear.

Figure 2-19 Installing Window

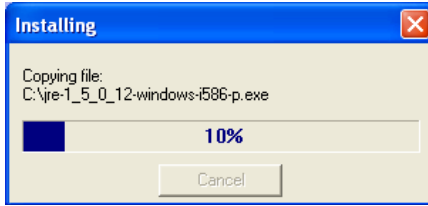


Figure 2-20 JRE Window

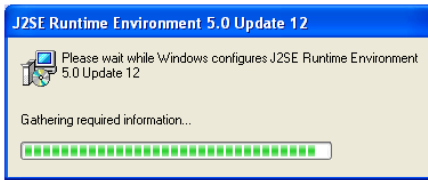


Figure 2-21 JDK Window

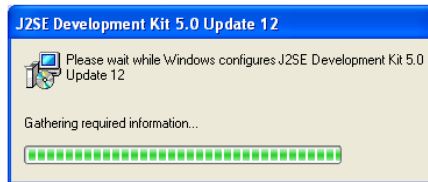


Figure 2-22 JBoss Window

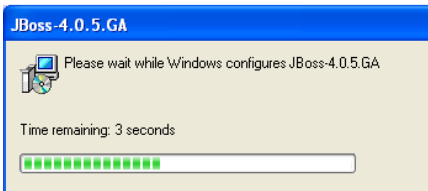


Figure 2-23 SQL Window

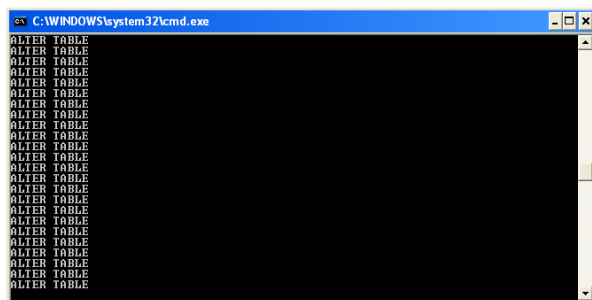


Figure 2-24 Java Window

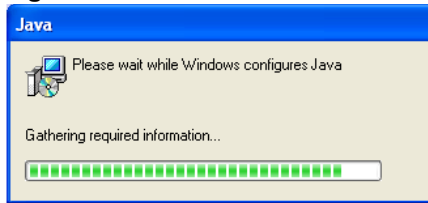


Figure 2-25 Setup Window

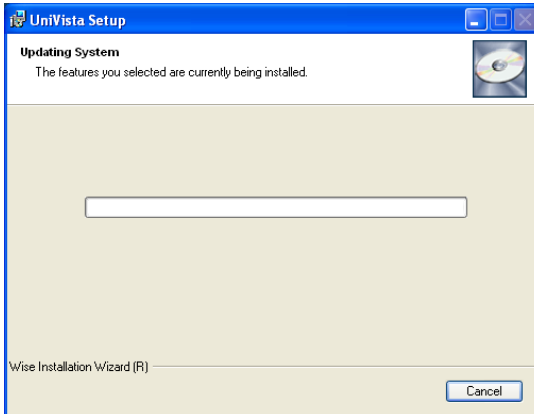
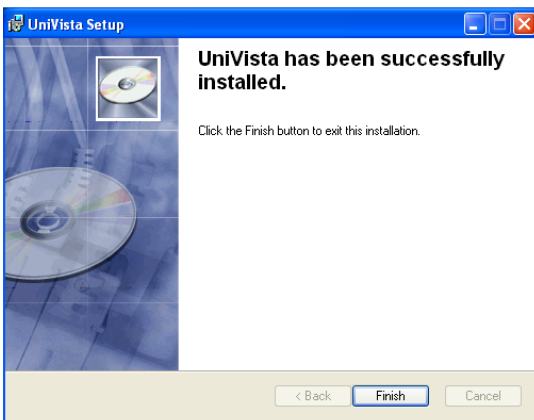


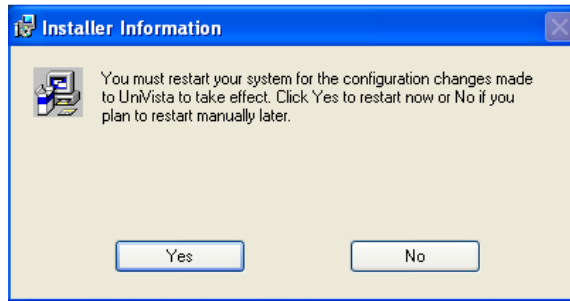
Figure 2-26 Setup Successful Window



- 8 Click **Finish**.

The **Restart Your System** window appears. See [Figure 2-27](#).

Figure 2-27 Restart Your System Window



- 9 Click **Yes** to reboot your computer.



Note

You must reboot your computer before you can access UniVista.

Continue with [Accessing UniVista \(page 2-15\)](#) to verify the installation was successful.

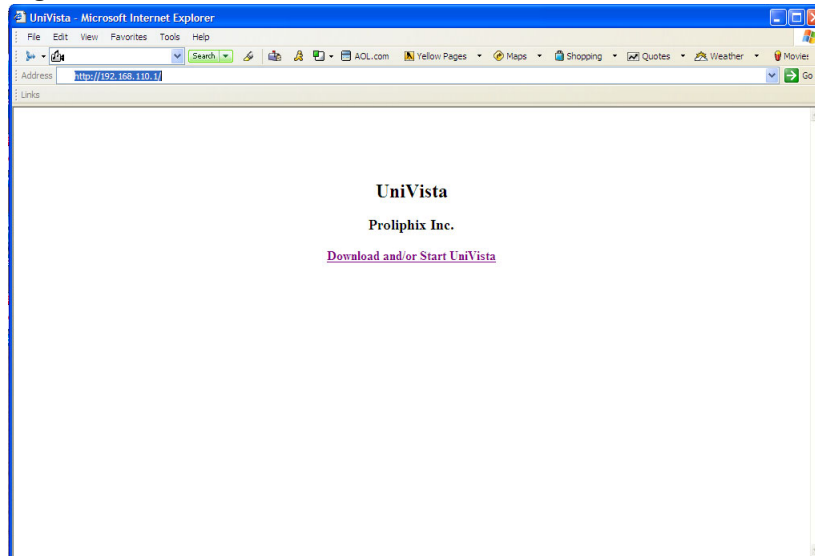
Accessing UniVista

To access UniVista:

- 1 Open a browser window.
- 2 Enter `http://<server IP address>` in the browser window.

The **Download and/or Start UniVista** window appears. See [Figure 2-28](#).

Figure 2-28 Download and/or Start UniVista Window



- 3 Click **Download and/or Start UniVista**.

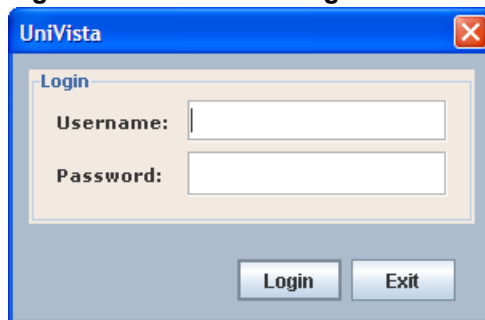


Note

*If the **Warning - Security** window appears, click **Always trust content from this publisher** then click **Run** to verify this window does not appear again.*

The **UniVista** login window appears. See [Figure 2-29](#).

Figure 2-29 UniVista Login Window



- 4 Enter `admin` in both the **Username** and **Password** fields.



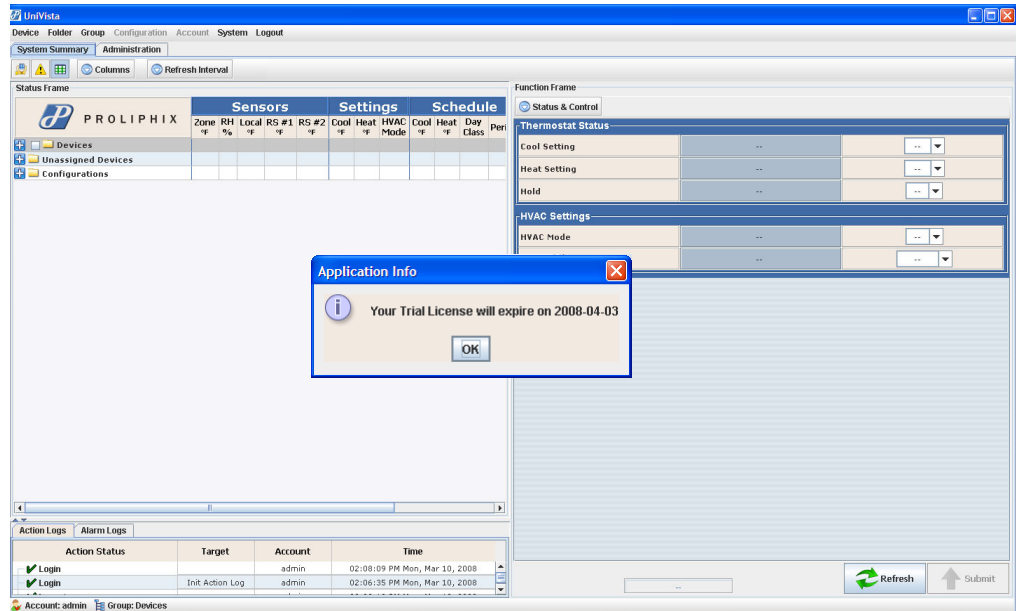
Note

After you log in as the Administrator then you can modify the password.

- 5 Click **Login**.

The **UniVista** main window appears. See [Figure 2-30](#).

Figure 2-30 UniVista Main Window



The **Application Information** window also appears and displays the Trial license information. For more information, see [Licensing \(page 1-4\)](#).

- 6 Click **OK**.



Note

For information about configuring devices using UniVista, see the UniVista User's Guide.

Configuration Worksheet

Use the following worksheet to record configuration information including the device name and admin password for each device.

Device Name	Admin Password	Direct/Firewall IP Address	Direct/Firewall Port	Description
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

APPENDIX A: Configuration Worksheet

Device Name	Admin Password	Direct/Firewall IP Address	Direct/Firewall Port	Description
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

Uninstalling UniVista



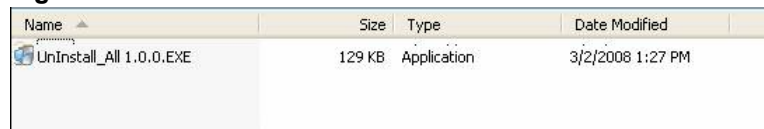
Note

*Never use **Add/Remove programs** to uninstall UniVista. You must use the file **UnInstall_All_<version>.EXE** found on the UniVista CD.*

To uninstall UniVista:

- 1 Insert the UniVista CD into the CD drive.
- 2 In Windows, open the CD to display the two folders: **Client** and **Server**.
- 3 Double-click the **Server** folder to display the two folders: **Install** and **UnInstall**.
- 4 Double-click the **UnInstall** folder to display the file **UnInstall_All_<version>.EXE**. See [Figure B-1](#).

Figure B-1 UnInstall Folder



- 5 Double-click the **UnInstall_All_<version>.EXE** file to uninstall the application. The UniVista application and associated files are uninstalled. The **PostgreSQL UnInstall** window appears. See [Figure B-2](#).

Figure B-2 PostgreSQL Uninstall Window



- 6 Click **Yes** to uninstall PostgreSQL or **No** to cancel the PostgreSQL uninstall.



Note

Once you delete UniVista, you must delete the **PostgreSQL** directory, **postgres** Superuser, and **registry entry** from the server. The process below is for a Windows XP system. If you have a Windows 2003 system, contact [Technical Support \(page -xii\)](#) for more information.

- 7 Once the uninstall is complete, delete the **PostgreSQL** directory at **C:\Program Files\PostgreSQL**.



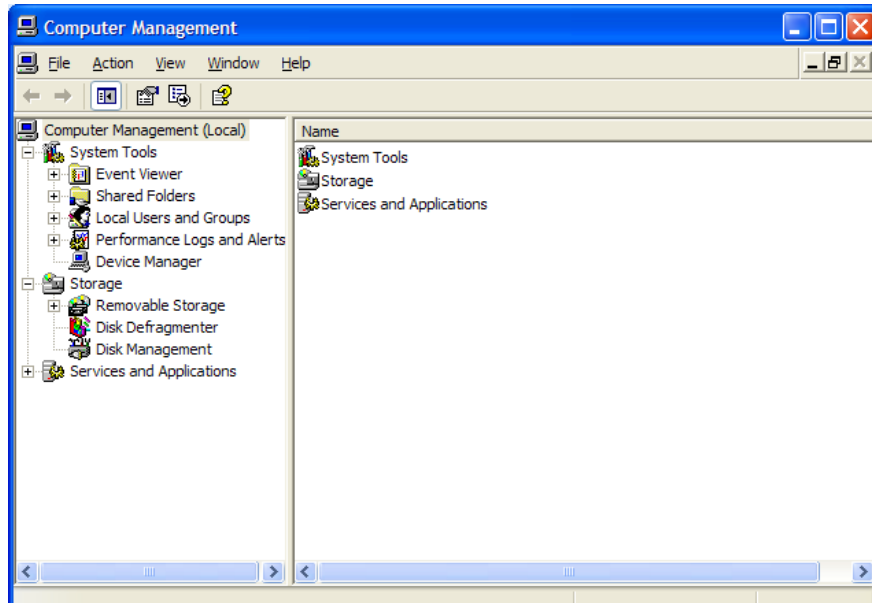
Note

This action deletes all data in the **PostgreSQL** directory.

- 8 Delete the Superuser **postgres** from the server PC.
 - a From your desktop, right-click **My Computer**.
 - b Select **Manage**.

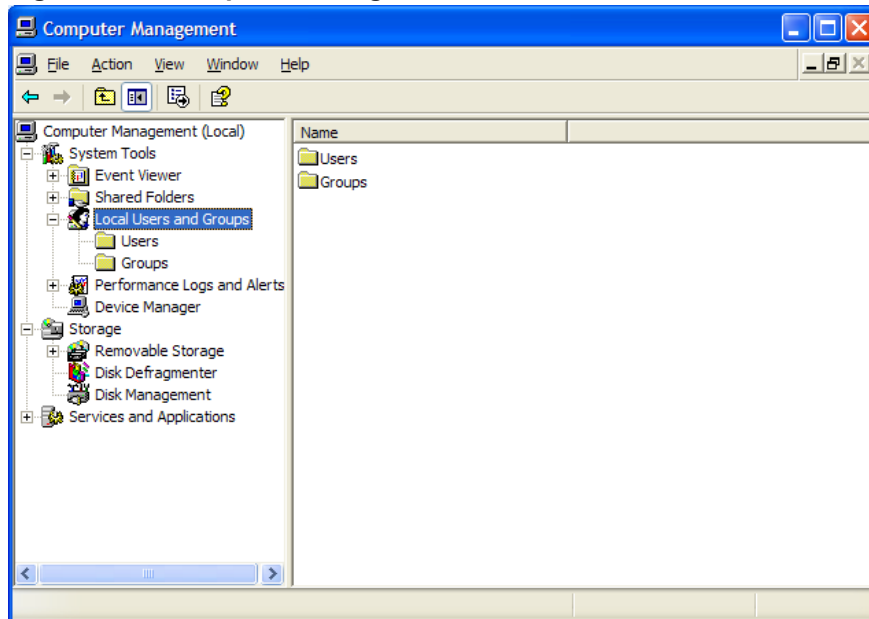
The **Computer Management** window appears. See [Figure B-3](#).

Figure B-3 Computer Management - Window 1



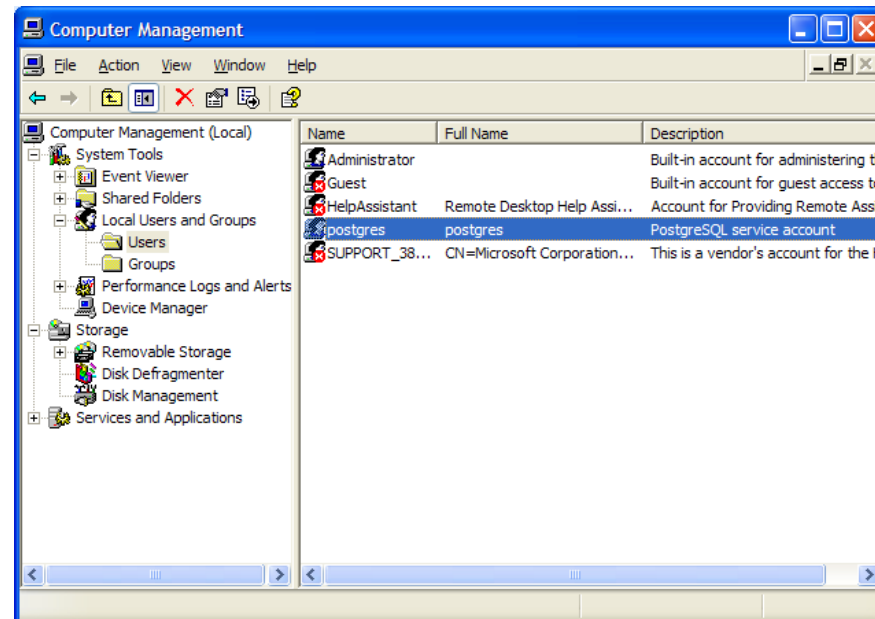
- c Click **Local Users and Groups** to display two folders: **Users** and **Groups**.

Figure B-4 Computer Management - Window 2



- d Double-click the **Users** folder to display all users.

Figure B-5 Computer Management - Window 3



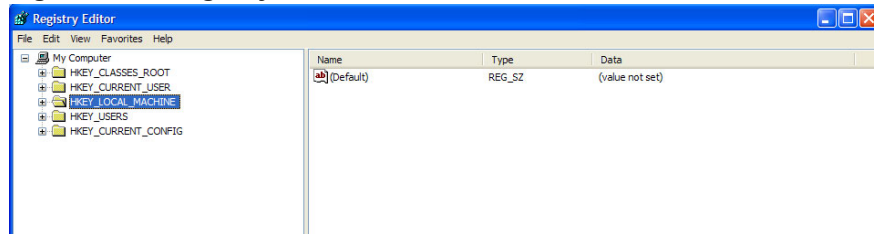
- e Click the **postgres** user.
- f Click the **Delete** key on the keyboard to delete/remove the **postgres** user.

- 9 Remove the registry entry **HKEY_LOCAL_MACHINE\SOFTWARE\Proliphix**.

- a From your desktop, click **Start => Run**.
- b Enter **regedit**.
- c Click **OK**.

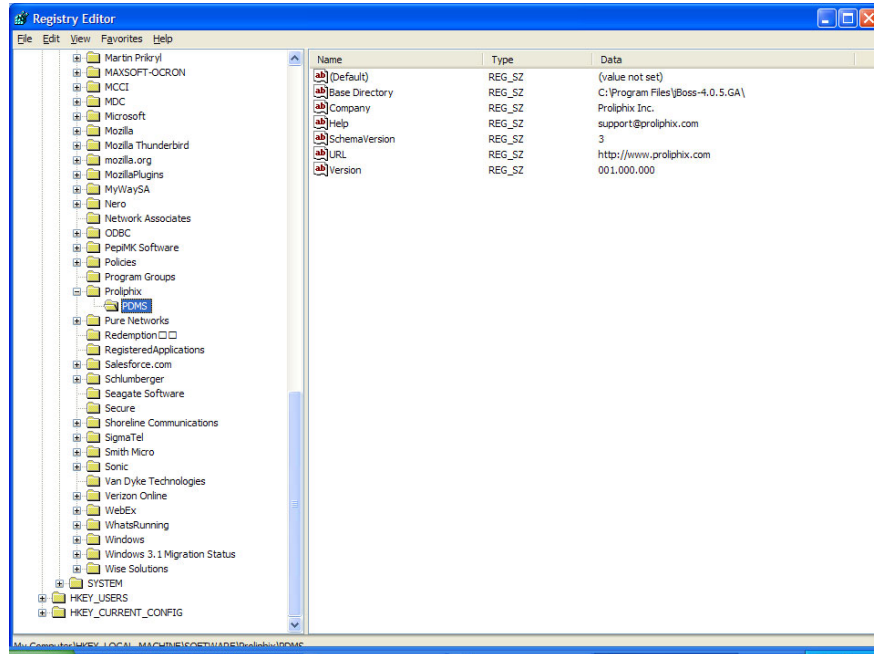
The **Registry Editor** window appears. See [Figure B-6](#).

Figure B-6 Registry Editor - Window 1



- d Expand the **HKEY_LOCAL_MACHINE** folder.
- e Expand the **SOFTWARE** folder.
- f Expand the **Proliphix** folder to display the **PDMS** folder. See [Figure B-7](#).

Figure B-7 Registry Editor - Window 2



- g Click the **PDMS** folder.
 - h Click the **Delete** key on the keyboard to delete the **PDMS** folder.
- 10 Exit the system.

You have now successfully uninstalled UniVista and completely removed the application from your server machine.