



Edge[®] Windows Installation Guide

V 3.8





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1. About this Guide

This document provides instructions on how to install, upgrade, configure, and uninstall the Edge web application on the Windows platform.

2. Installation

2.1. InstallShield Wizard

1. Locate and double click the .exe executable file.
2. Once the files are extracted, the installation wizard starts as shown below:
3. Click the **Next** button to proceed with the installation process.



Figure 1: Installation Wizard

2.2. License Agreement

1. By default, the 'I do not accept the terms in the license agreement' option is selected. After reading the License Agreement, click the 'I accept the terms in the license agreement' option.
2. Once you select this option, the **Next** button is enabled.
3. Click the **Next** button to proceed.

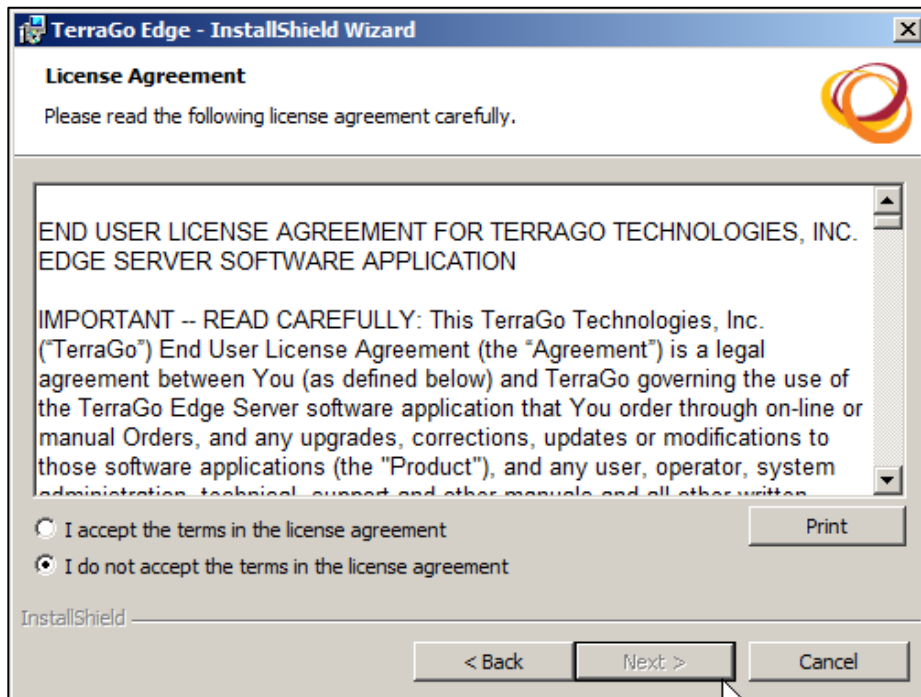


Figure 2: License Agreement

4. By default, the application is installed in the following path: C:\Program Files.
5. Click the **Change** button if you want to change the installation path.

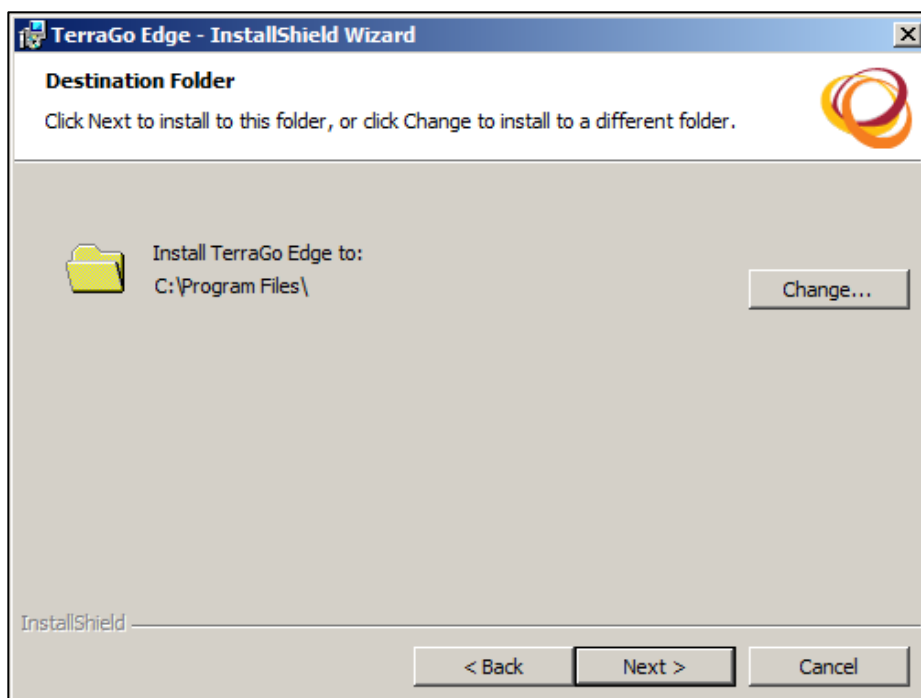


Figure 3: Destination Folder

6. Select the destination folder in which you want to install the application.
7. Click the **OK** button to select the destination folder.

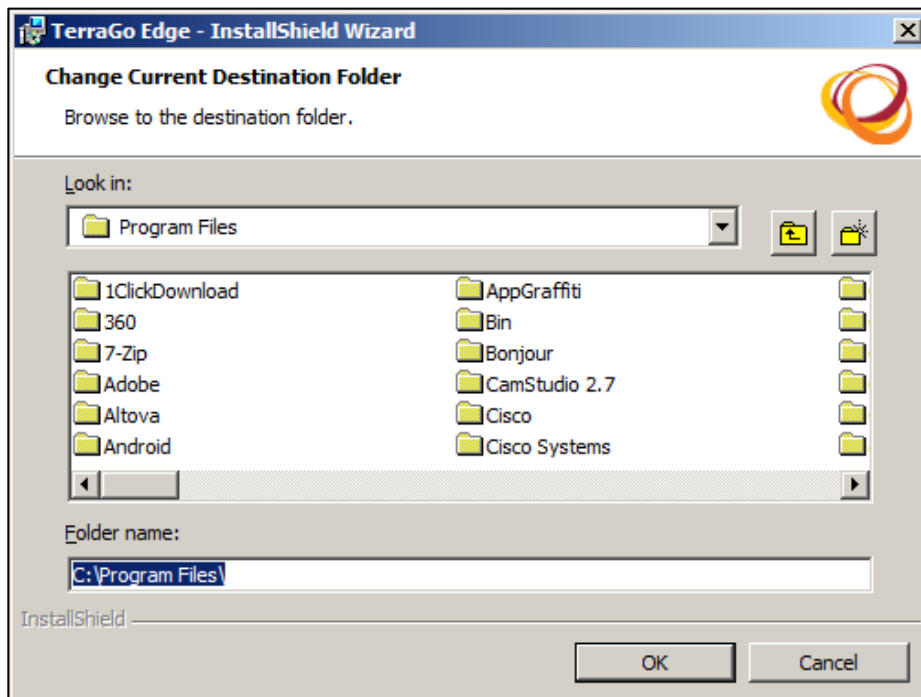


Figure 4: Select Destination Folder

8. The path that you selected is now displayed.
9. Click the **Next** button to proceed.

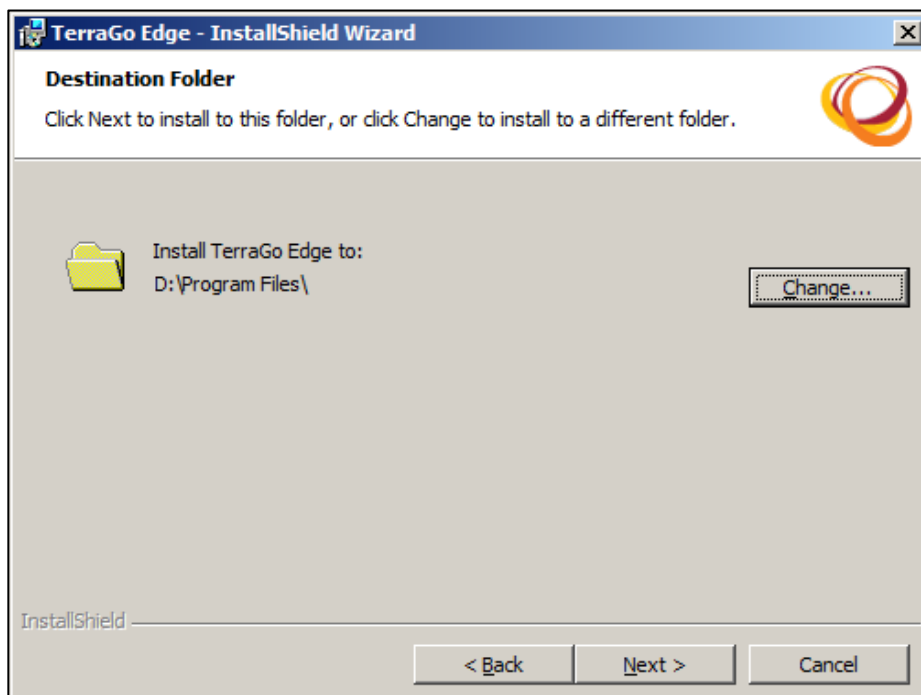


Figure 5: Destination Folder

10. The confirmation screen for installing the application opens. Click the **Install** button to proceed.
11. Click the **Back** button if you want to change the installation settings.

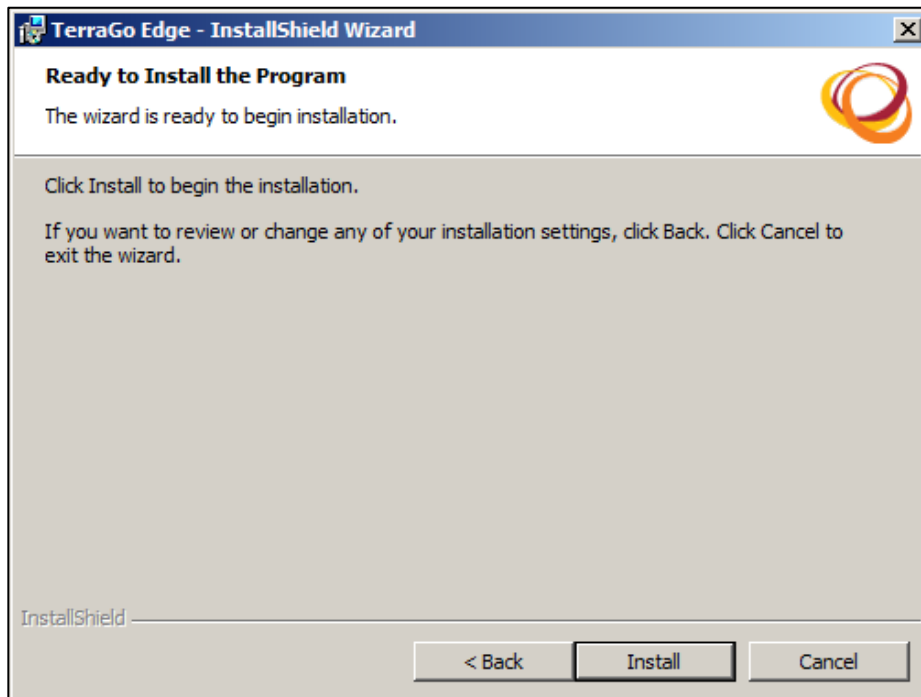


Figure 6: Confirm Installation

2.3. Silent Installation

12. The installation process of the Edge application requires PostgreSQL database server and PostGIS to be installed in your computer. If you do not have the PostgreSQL and PostGIS in your computer, this installation process will automatically install the PostgreSQL and PostGIS.

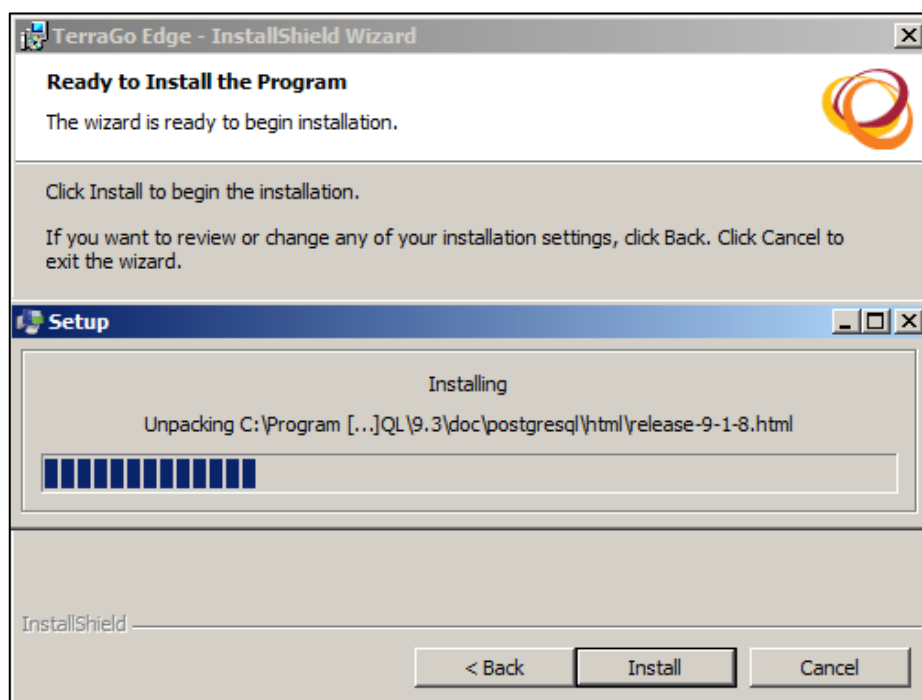


Figure 7: PostgreSQL Installation



13. Once the installation is complete, the InstallShield Wizard Completed window opens as shown below. Click the **Finish** button to complete the installation.
14. The **Launch TerraGo Edge now** checkbox is enabled by default. If you click the **Finish** button, the edge application opens in your default browser.
15. If you disable the **Launch TerraGo Edge now** checkbox, then click the Edge application icon on your desktop to open the application.

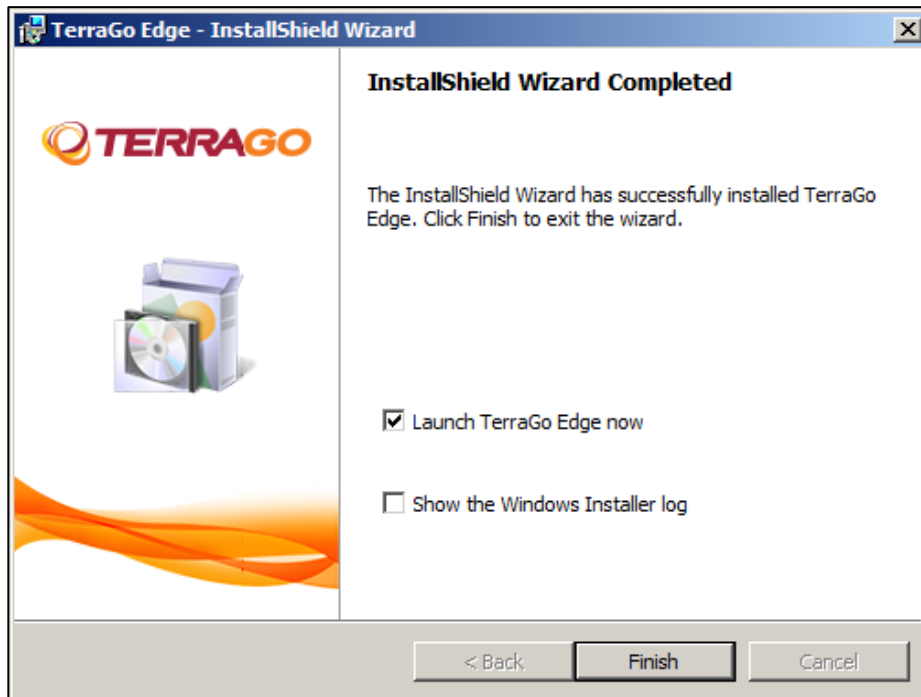


Figure 8: Installation Complete

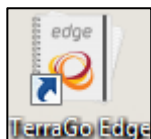


Figure 9: TerraGo Edge Application Icon

3. Upgrading from Previous Versions

1. Double click the .exe executable file. The **InstallShield wizard** opens as shown below:

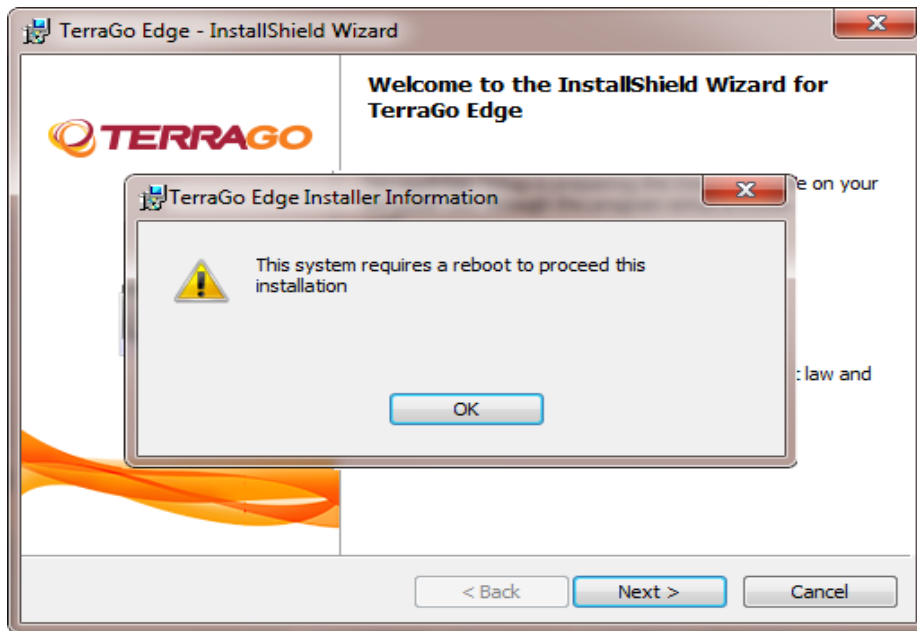



Figure 10: Upgrade

2. A message appears prompting you to restart your computer to continue with the installation.
3. Click **OK** to continue. Restart your computer.
4. Now, double click the .exe executable file again. The **InstallShield wizard** opens.
5. Follow the installation steps given in the [Installation](#) section. Your upgrade is now complete.

4. Getting Started

1. Double click the Edge application icon in the desktop.
2. The Edge application is launched with the following server url:

https://{PC Name}:8080/edgeServer/, where 'PC Name' is the name of your computer and '8080' is the default port number.

 NOTE	The iOS devices (ipad/iPhone) will access the Edge application through this server URL: https://{PC Name}:8080/edgeServer/
---	--

3. Once the application opens, the first screen enables you to set the password for the Edge application with the default username '**admin**'.
4. Click the **Next** button to proceed.



Get Started Step 1 - Create your password

Create a password for your admin account

Username : admin

Password :

Password :

Next

Figure 11: Set your password

5. On this screen, you can configure the email and server settings.
6. Enter your **Email ID** and **Password**, and click the **Test** button. Once your credentials are approved, the **Next** button is enabled.
7. You can now view the server connectivity details: **https://{PC Name}:8080/edgeServer/**. You can edit it in the **Setup your server URL** field.
8. Click the **Next** button.

Get started step 2 - Setup your outgoing email settings.

Setup your outgoing email settings.

Choose how you want Edge to send out system emails.

Exchange Gmail Outlook.com Office 365 Custom

Email address Email password

Test

Setup your server URL

example: http://yourserver.com/EdgeServer

Next

Figure 12: Email and Server Settings



9. You can view and edit the email and server settings by clicking the **Settings** icon on the menu bar.
 - **Sever Settings:** You can view and edit the server connectivity details on the **Server Settings** tab and click the **Save Changes** button.

The screenshot shows a 'Settings' dialog box with a close button in the top right. At the top, there are two tabs: 'Server Settings' (highlighted with a red box) and 'E-mail Settings'. Below the tabs is a text input field containing the URL 'http://182.73.72.102:8080/edgeServer'. Below the input field, there is an example URL: 'example: http://yourserver.com/EdgeServer'. At the bottom right, there are two buttons: 'Close' and 'Save changes' (highlighted with a red box).

Figure 13: Server settings

- **Email Settings:** You can configure the email settings on the Email settings tab. Enter the **Email ID** and **Password**. Click the **Test** button for approval of your credentials. Click the **Save Changes** button.

The screenshot shows the 'Settings' dialog box with the 'E-mail Settings' tab (highlighted with a red box) selected. The 'Server Settings' tab is also visible. Below the tabs, the text reads 'Choose how you want Edge to send out system emails.' There are five buttons for email providers: 'Exchange', 'Gmail' (highlighted with a red box), 'Outlook.com', 'Office 365', and 'Custom'. Below these buttons are two text input fields: the first contains 'terragoedge@gmail.com' and the second is labeled 'Gmail password'. At the bottom left, there is a blue 'Test' button (highlighted with a red box). At the bottom right, there are 'Close' and 'Save changes' buttons (highlighted with a red box).

Figure 14: Email Settings

10. The License status screen opens. You have 21 days of trial period to use the application.



License status: Active
License expiration date: 12 Aug 2015
Users: (0 of 50)

To activate a new license, extend your subscription or change the number of users on your existing license, click the button below. If you have not purchased a license and would like to, visit our online store via the below button or request a quote through our [online quote request form](#).

[Purchase License](#) [Activate / Renew](#)

User Management

Add User

First Name Last Name User Name Add User

Email Address Password Confirm Password Enable Mobile Access

Edit	First Name	Last Name	Username	Email	User Info & Devices
------	------------	-----------	----------	-------	---------------------

Figure 15: License Status

11. To add a user, enter the following details: **First Name**, **Last Name**, **User Name**, **Email Address**, **Password**, and **Confirm Password**.
12. Select the **Enable Mobile Access** checkbox if you want to provide mobile access to the user.
13. Click the **Add User** button.

License status: Active
License expiration date: 12 Aug 2015
Users: (4 of 50)

To activate a new license, extend your subscription or change the number of users on your existing license, click the button below. If you have not purchased a license and would like to, visit our online store via the below button or request a quote through our [online quote request form](#).

[Purchase License](#) [Activate / Renew](#)

User Management

Add User

First Name Last Name User Name Add User

Email Address Password Confirm Password Enable Mobile Access

Edit	First Name	Last Name	Username	Email	User Info & Devices
	Rajesh	R	rajesh	rajesh@netatwork.co.in	
	arshi	arshi	arshi	arshi@netatwork.co.in	
	sham	sham	sham	sham@netatwork.co.in	
	vikas	vikas	vikas	vikas@netatwork.co.in	

Figure 16: Add New User

14. An email is sent to the user with the password and server URL to access the application.
15. Once you add the user, the **User information & devices** window opens as shown below:

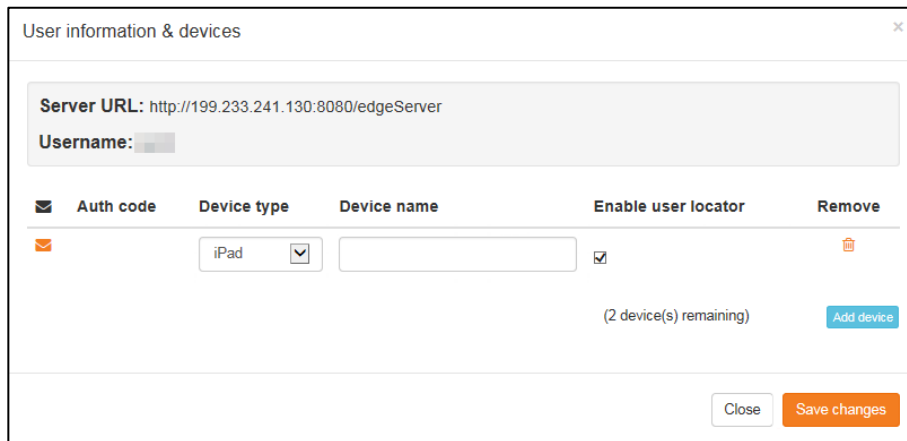



Figure 17: Add device to user

16. To add the devices that will be used by the user, click the **Add device** button.
17. Select the **Device type** and enter the **Device name**.
18. Select the **Enable user locator** checkbox if you want to track the location of the user.
Note: This checkbox is enabled by default, if the user locator settings are enabled.
19. Click the **Save Changes** button. A licensing mail is sent to the registered mail ID with instructions for opening the Edge application in the iOS devices (iPhone, iPad).
20. On the tab bar, click the Settings icon and select the **License and user admin** option to modify the user and device settings as shown below:
21. To edit the user details, click the Settings icon corresponding to the user whose details you want to modify.
22. To add devices to the user, click the  icon corresponding to the user to whom you want to add devices.

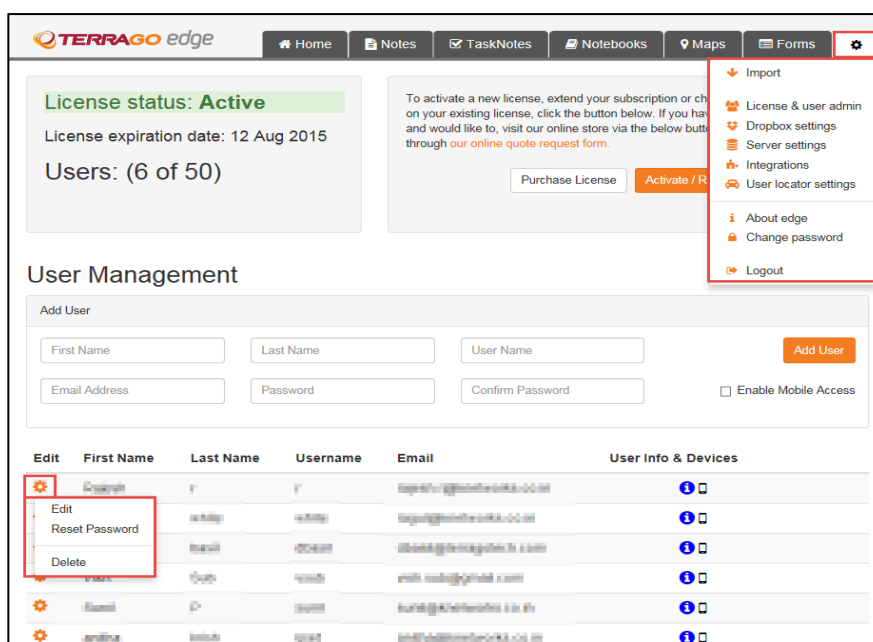


Figure 18: Modify User and Device Settings



- The **User information & devices** window opens displaying the **Server URL**, **Username**, **Authorization code**, **Device type**, and **Device name** as shown below:
- The **(Number of) devices remaining** indicates the number of devices that you can still add to the particular user.
- Click the **Add device** button to add a device to the user.
- The **Authorization code**, **Server URL**, and **Username** will enable the user to access the mobile devices offline.

Auth code	Device type	Device name	Enable user locator	Remove
EPOS-TAD6	iPad	ipad	<input checked="" type="checkbox"/> Online	

(2 device(s) remaining) [Add device](#)

[Close](#) [Save changes](#)

Figure 19: Add device

5. Licensing

You must purchase and update the license within the trial period for uninterrupted usage of the Edge application. To update your license and enter your product key, click the Settings icon on the tab bar and select the **License and user admin** option. You can do online or offline activation.

	For any licensing issues, please contact TerraGo Support at support@terragotech.com or call 678-391-9666
--	--

5.1. Online Activation

- Click the **Purchase License** button to purchase the product through the TerraGo Online Store.
- After successful purchase of the product, the product key will be sent to the email ID that you registered during the purchase.

License status: Active
License expiration date: 12 Aug 2015
Users: (0 of 10)

To activate a new license, extend your subscription or change the number of users on your existing license, click the button below. If you have not purchased a license and would like to, visit our online store via the below button or request a quote through our [online quote request form](#).

[Purchase License](#) [Activate / Renew](#)

User Management

Add User

First Name	Last Name	User Name	Add User
Email Address	Password	Confirm Password	<input type="checkbox"/> Enable Mobile Access

[Edit](#) [First Name](#) [Last Name](#) [Username](#) [Email](#) [User Info & Devices](#)

Figure 20: License Status



3. Click the **Activate/Renew** button and enter the product key that you received.
4. Now click the **Update License** button. The license is now activated.

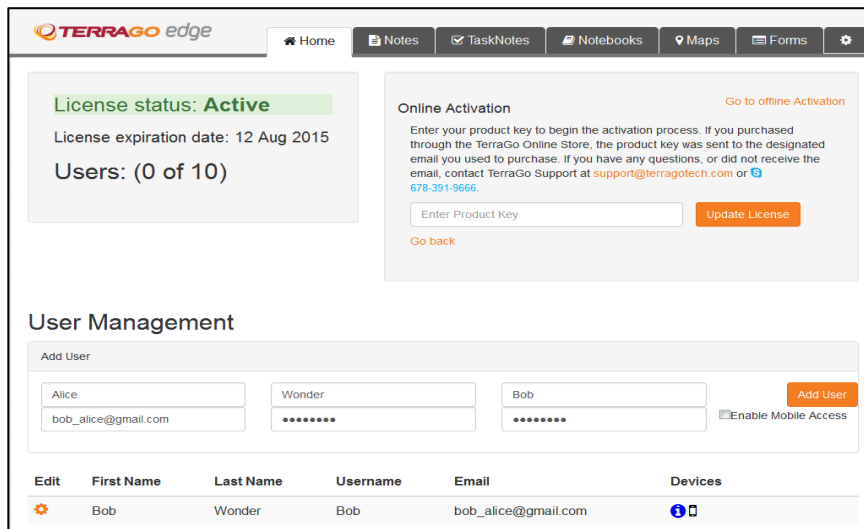


Figure 21: Online Activation

5.2. Offline Activation

You can activate TerraGo Edge by calling TerraGo Support when you have connection restrictions limiting you from accessing the TerraGo Online Licensing Service. Please call us at **678-391-9666** with the lock code to obtain a license key.

1. Click the **Go to Offline Activation** link.
2. Call TerraGo Support at **678-391-9666** with the lock code to obtain a license key.
3. Enter the licence key that you received and click the **Update License** button. The license is now activated.

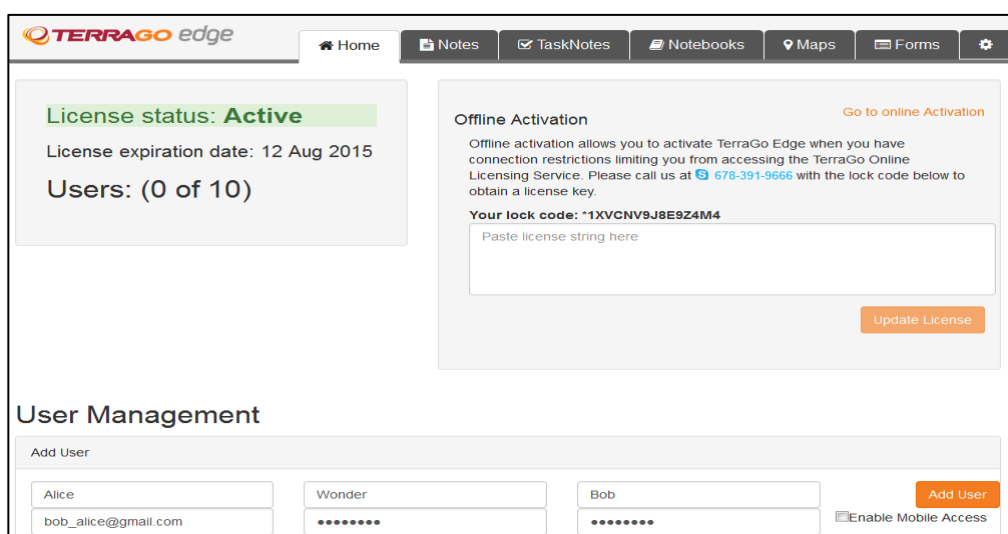


Figure 22: Offline Activation




6. Troubleshooting steps

1. If the application is not launched in the browser even on double clicking the Edge shortcut icon on the desktop, navigate to the path where the Edge application is installed in the user's computer.
2. For example, if the application is installed in the path 'C:\Program Files (x86)\TerragoEdgeServer', then:
3. In the windows explorer, navigate to C:\Program Files (x86)\TerragoEdgeServer\conf.
4. Click the **Server.xml** file.
5. In the **Server.xml** file, change the port numbers (four-digit number starting with **80xx**) to the unused port numbers in your system.
6. Identify the unused ports in your computer:
 - Press the **Windows** and **R** buttons to open the **Run** dialog box. Type **cmd** to open the command prompt.
 - Type **netstat -ano** in the command prompt. From the list of port numbers displayed, select any of the three distinctive unused port numbers which is not under the **Listening** state.
7. Update these unlisted port numbers in the **Server.xml** file.

```
Proto Local Address Foreign Address State PID
TCP 0.0.0.0:80 0.0.0.0:0 LISTENING 1908
TCP 0.0.0.0:135 0.0.0.0:0 LISTENING 708
TCP 0.0.0.0:443 0.0.0.0:0 LISTENING 1908
TCP 0.0.0.0:445 0.0.0.0:0 LISTENING 4
TCP 0.0.0.0:2425 0.0.0.0:0 LISTENING 3160
TCP 0.0.0.0:3389 0.0.0.0:0 LISTENING 1072
TCP 0.0.0.0:8009 0.0.0.0:0 LISTENING 2296
TCP 0.0.0.0:8080 0.0.0.0:0 LISTENING 2296
TCP 0.0.0.0:8443 0.0.0.0:0 LISTENING 2296
TCP 0.0.0.0:26143 0.0.0.0:0 LISTENING 4
TCP 0.0.0.0:44999 0.0.0.0:0 LISTENING 1908
TCP 0.0.0.0:49152 0.0.0.0:0 LISTENING 408
TCP 0.0.0.0:49153 0.0.0.0:0 LISTENING 816
TCP 0.0.0.0:49154 0.0.0.0:0 LISTENING 904
TCP 0.0.0.0:49157 0.0.0.0:0 LISTENING 500
TCP 0.0.0.0:49158 0.0.0.0:0 LISTENING 492
TCP 127.0.0.1:5939 0.0.0.0:0 LISTENING 1676
TCP 127.0.0.1:8005 0.0.0.0:0 LISTENING 2296
TCP 127.0.0.1:49173 127.0.0.1:62522 ESTABLISHED 2996
TCP 127.0.0.1:51667 127.0.0.1:51668 ESTABLISHED 4476
TCP 127.0.0.1:51668 127.0.0.1:51667 ESTABLISHED 4476
TCP 127.0.0.1:51775 127.0.0.1:51776 ESTABLISHED 2296
TCP 127.0.0.1:51776 127.0.0.1:51775 ESTABLISHED 2296
```

Figure 23: Port Numbers

8. Restart the apache tomcat.
 - Press the **Windows** and **R** buttons to open the **Run** dialog box. Type **services.msc** to open the services dialog box.
 - Find **Apache Tomcat TerTomcat** in the services dialog box.
 - Restart the service.
9. Now, relaunch the Edge application.

 If you still cannot launch the Edge application, please contact TerraGo Support at support@terragotech.com or call **678-391-9666**



7. Repair

1. Double click the .exe executable file. The InstallShield wizard opens.

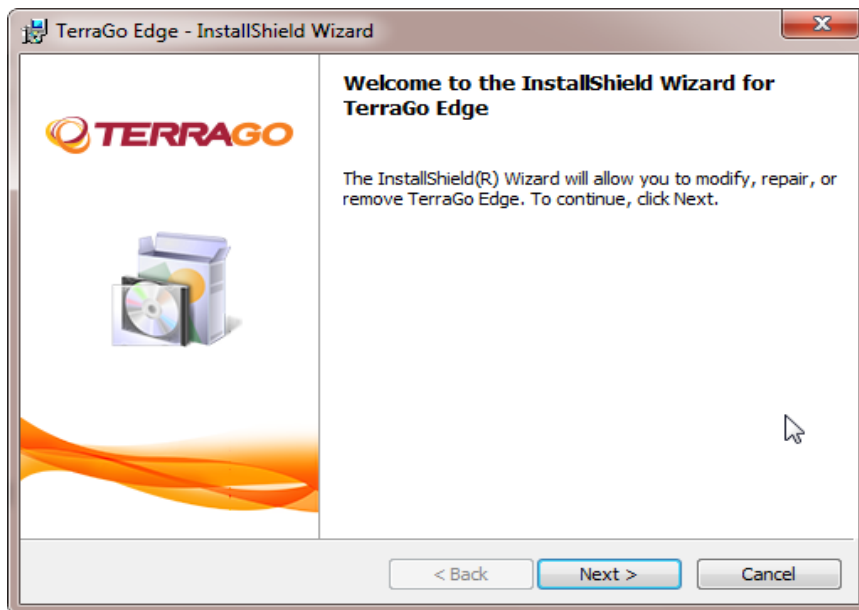


Figure 24: InstallShield Wizard

2. Select the **Repair** option to repair any installation errors in the application already installed in the computer.
3. Click the **Next** button to proceed.

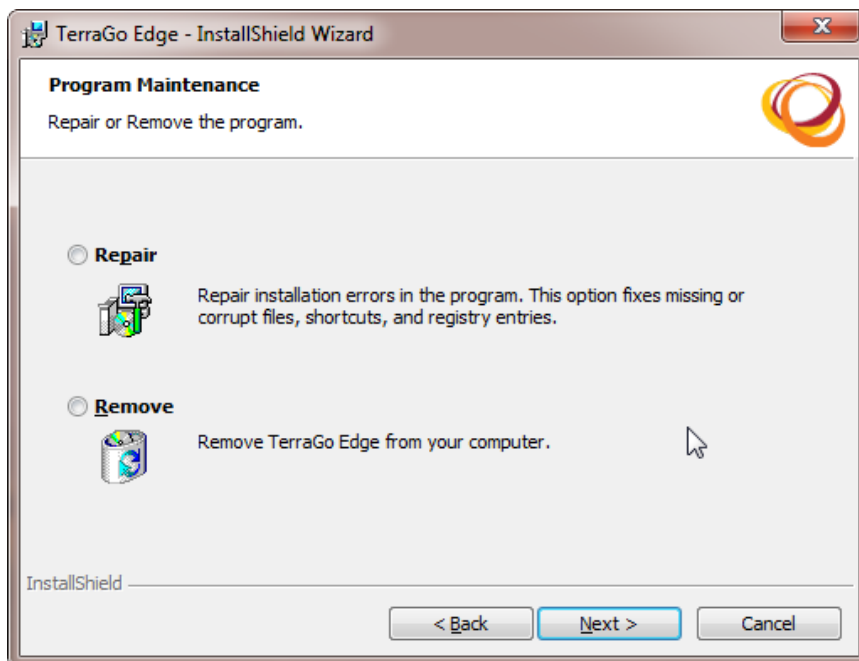


Figure 25: Repair Application

4. Click the **Install** button to confirm repairing the application.

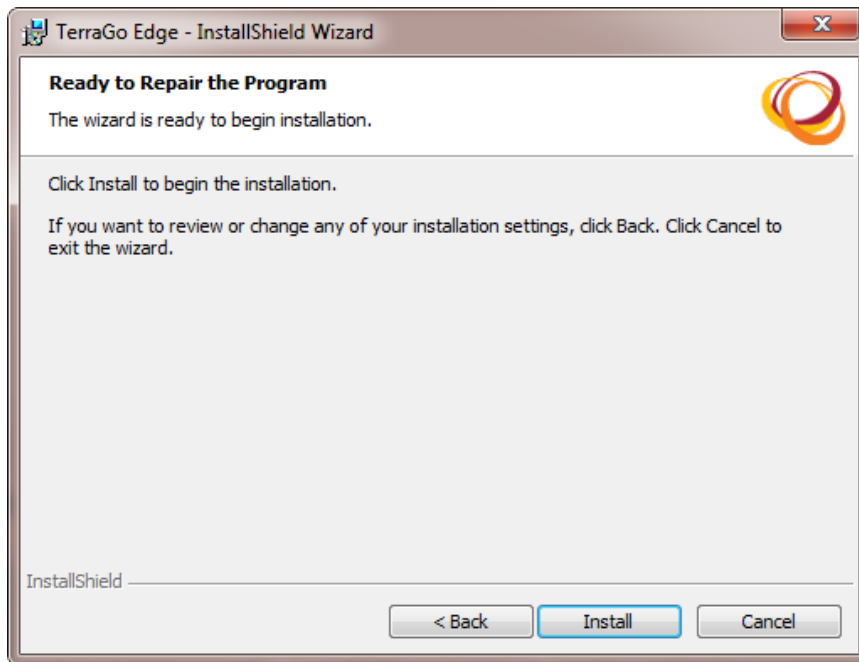


Figure 26: Repair Confirmation

5. Enable the **Show the Windows Installer log** checkbox to view the log file.

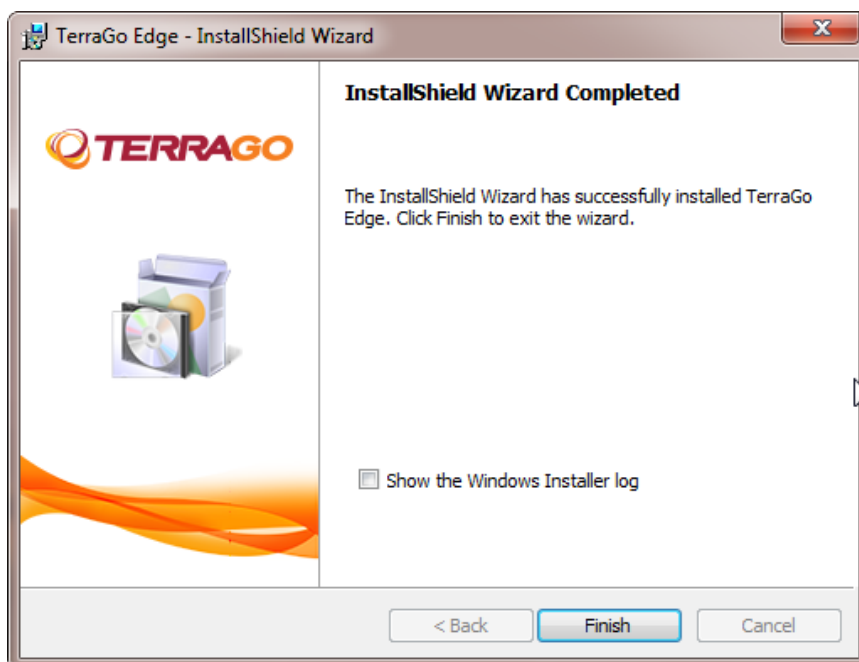


Figure 27: Repair Completed

6. Click the **Finish** button to exit the InstallShield Wizard.
7. The log file opens as shown below:



```
MSI2ced4.LOG - Notepad
File Edit Format View Help
==== Verbose logging started: 7/10/2014 11:50:29 Build type:
SHIP UNICODE 5.00.7601.00 Calling process: C:\windows
\system32\MSIEXEC.EXE ====
MSI (c) (94:44) [11:50:29:890]: Font created. Charset: Req=0,
Ret=0, Font: Req=MS Shell Dlg, Ret=MS Shell Dlg
MSI (c) (94:44) [11:50:29:890]: Font created. Charset: Req=0,
Ret=0, Font: Req=MS Shell Dlg, Ret=MS Shell Dlg
MSI (c) (94:AC) [11:50:29:908]: Resetting cached policy values
MSI (c) (94:AC) [11:50:29:908]: Machine policy value 'debug' is 0
MSI (c) (94:AC) [11:50:29:908]: ***** RunEngine:
***** Product: C:\Users\admin\AppData\Local\Temp
\{6D6F168A-2AB3-4B14-838F-F7E9FD5993D4}\TerragoEdge.msi
***** Action:
***** CommandLine: *****
MSI (c) (94:AC) [11:50:29:908]: Machine policy value
'DisableUserInstalls' is 0
MSI (c) (94:AC) [11:50:29:914]: Cloaking enabled.
MSI (c) (94:AC) [11:50:29:914]: Attempting to enable all disabled
privileges before calling Install on Server
MSI (c) (94:AC) [11:50:29:917]: End dialog not enabled
MSI (c) (94:AC) [11:50:29:917]: Original package ==> C:\Users
\admin\AppData\Local\Temp\{6D6F168A-2AB3-4B14-838F-
F7E9FD5993D4}\TerragoEdge.msi
MSI (c) (94:AC) [11:50:29:917]: Package we're running from ==>
C:\windows\Installer\344e589.msi
```

Figure 28: Log File

8. Uninstallation

1. Double click the .exe executable file. The **InstallShield wizard** opens.
2. Click **Next** to continue.

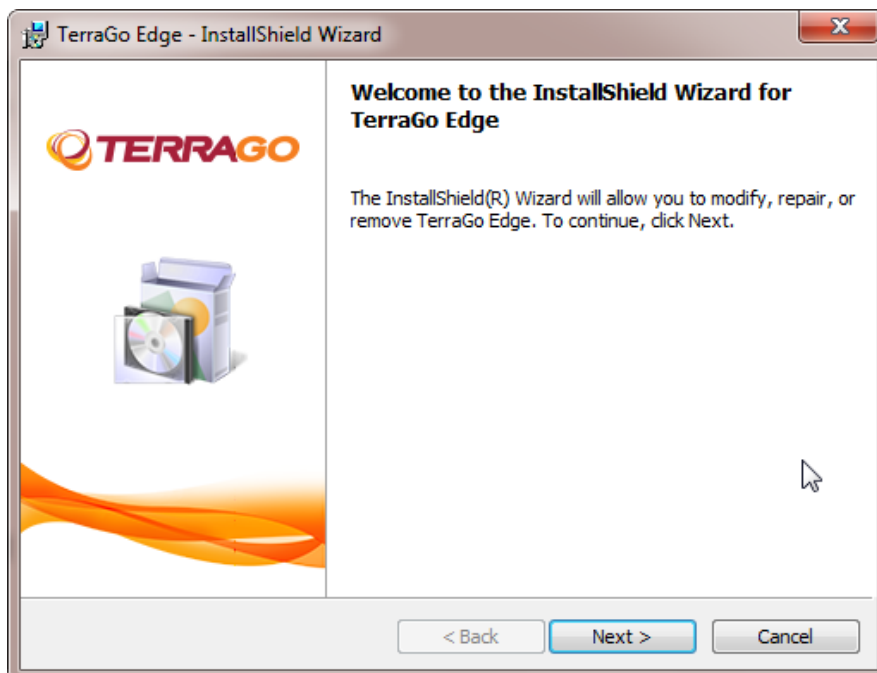


Figure 29: InstallShield Wizard

3. Select the **Remove** option to remove the application from the computer.
4. Click the **Next** button to proceed.

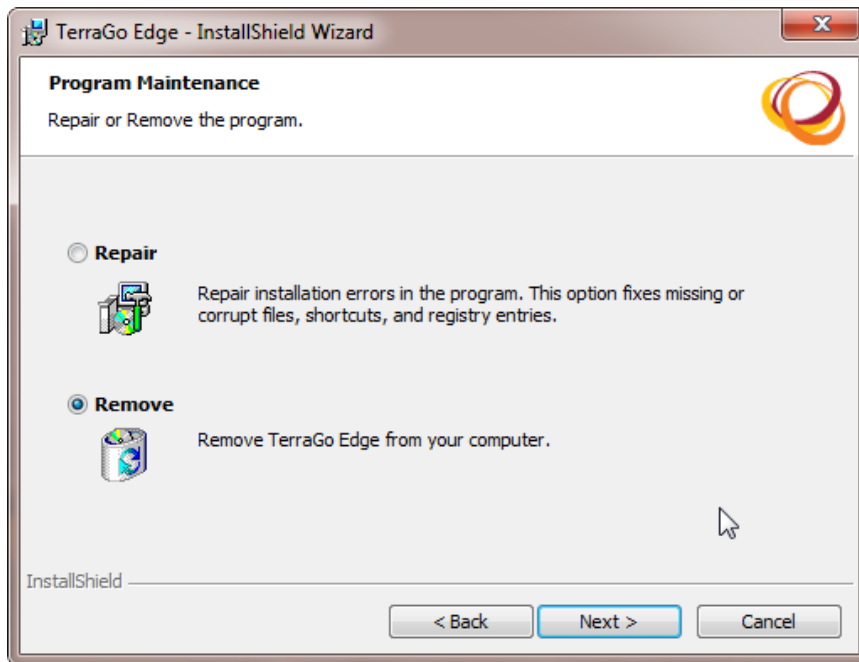


Figure 30: Uninstall Application

5. In the confirmation screen, click the **Remove** button to confirm the uninstallation process.

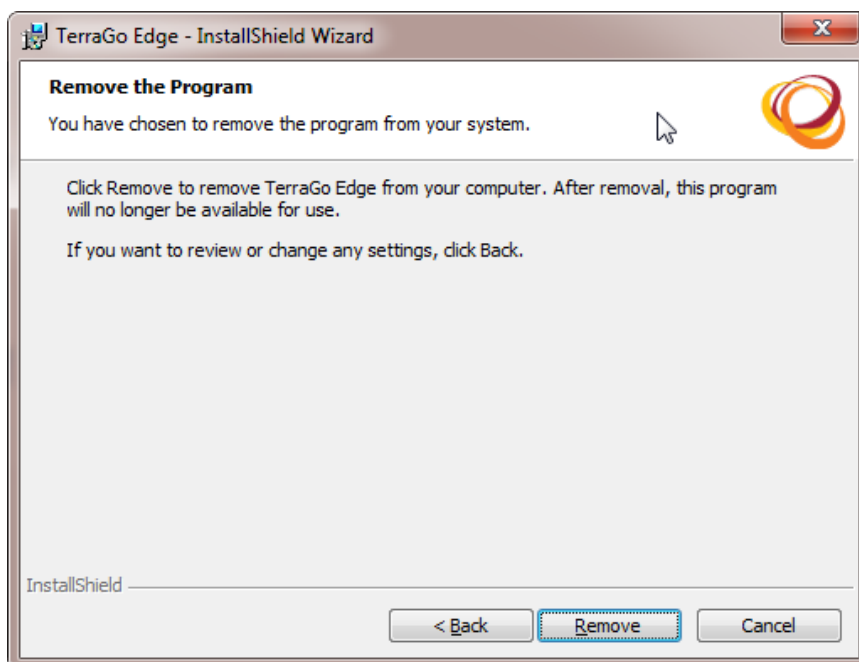


Figure 31: Confirm Uninstallation

6. If the Apache Tomcat TerTomcat is not stopped, the following screen is displayed.
7. Select the **Automatically Close and attempt to restart application** option.
8. Click the **OK** button.

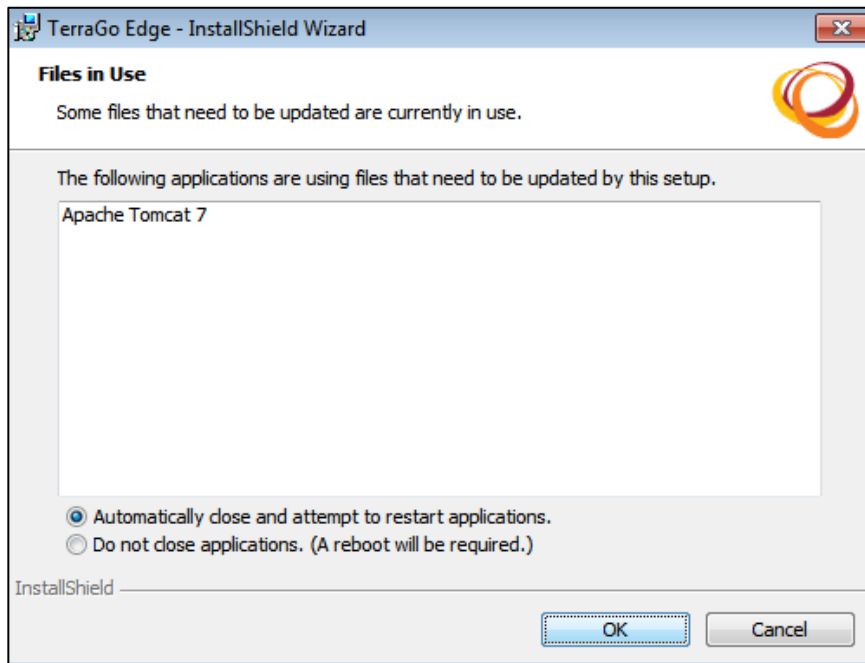


Figure 32: Apache Tomcat Error

9. The uninstallation progress is displayed as shown below:

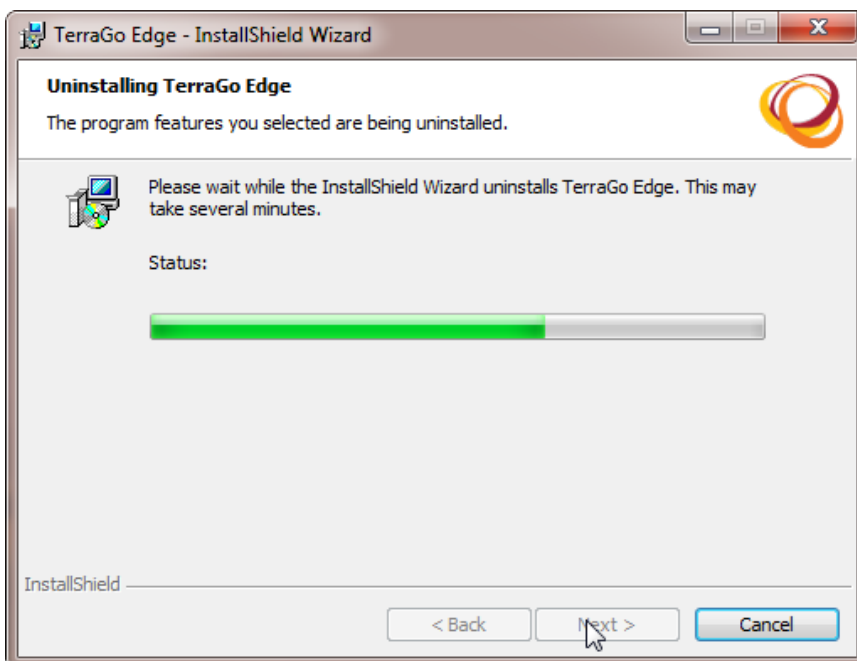


Figure 33: Uninstallation Progress

10. Once the installation is complete, the InstallShield Wizard Completed window opens as shown below.
11. Enable the **Show the Windows Installer log** checkbox to view the log file.

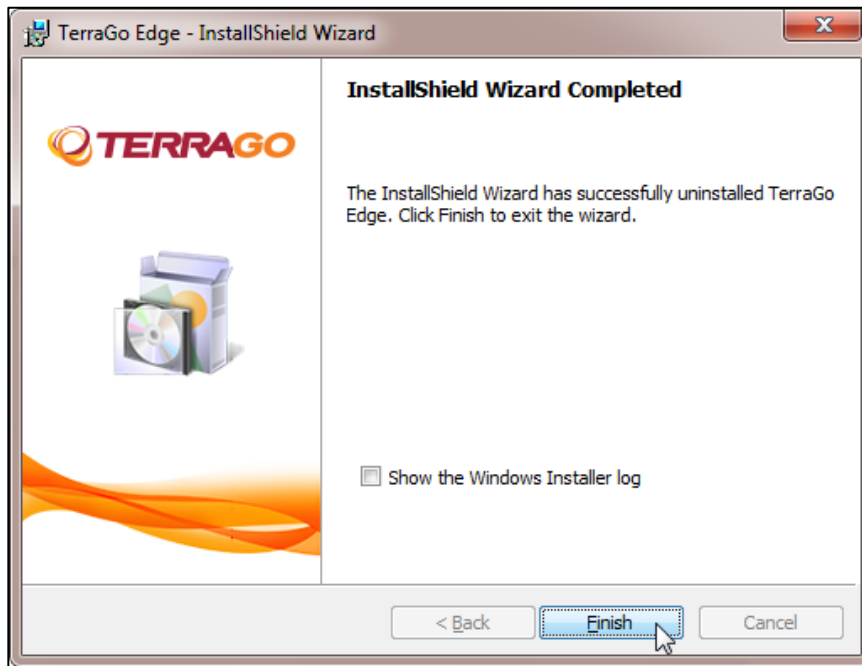


Figure 34: Uninstallation Completed

12. Click the **Finish** button to complete the uninstallation.
13. The log file opens as shown below:

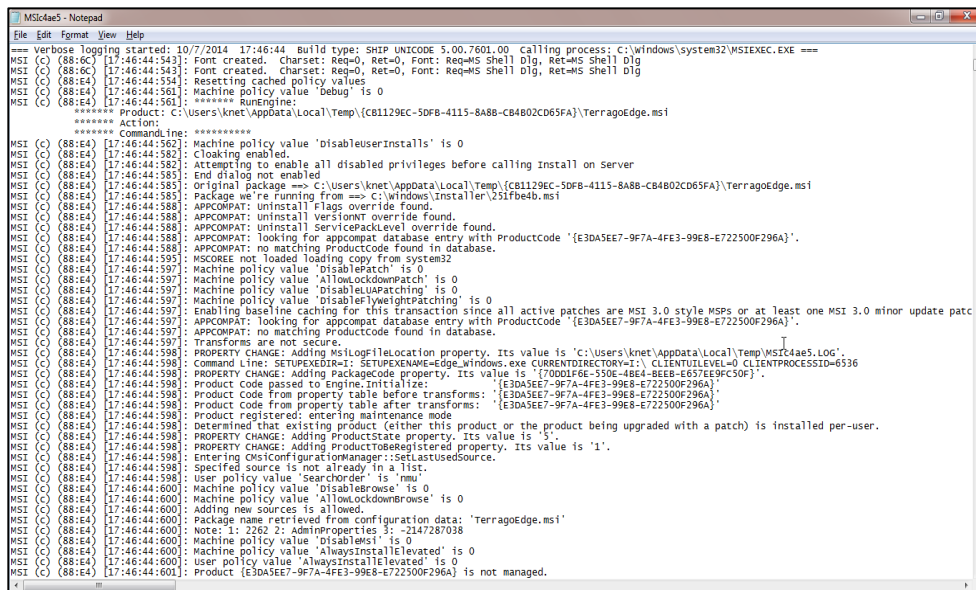


Figure 35: Log File

8.1. Uninstall TerraGo Edge through Add/Remove Panel

You can also uninstall the Edge application through the Add/Remove panel.

1. Click **Start > Control Panel > Programs > Programs and Features**.
2. Select TerraGoEdge.
3. Select the **Uninstall** option to remove the application from the computer.

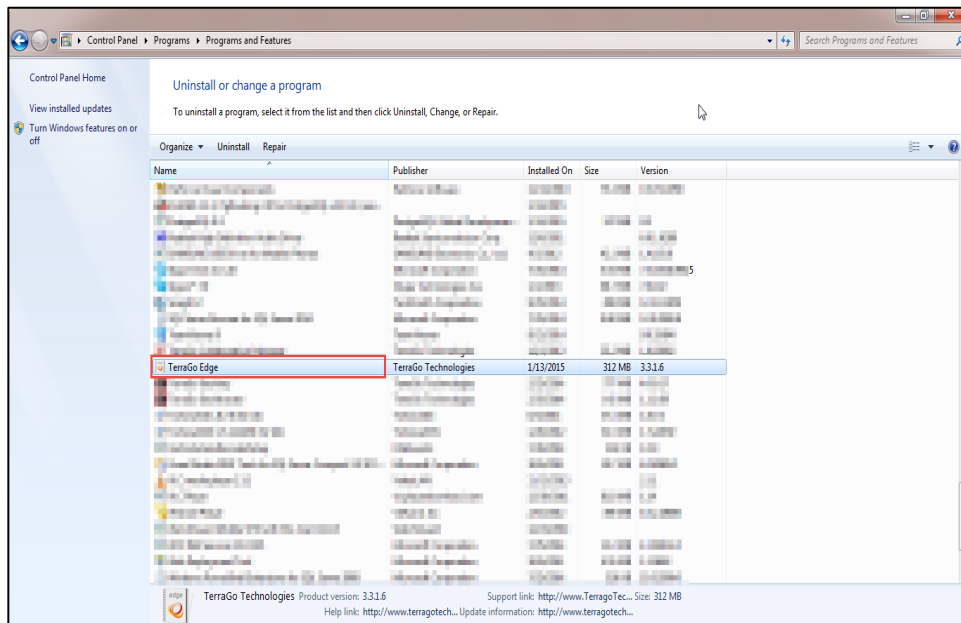


Figure 36: Program & Features - Uninstall

4. A confirmation window opens. Click **Yes** to confirm the uninstallation.

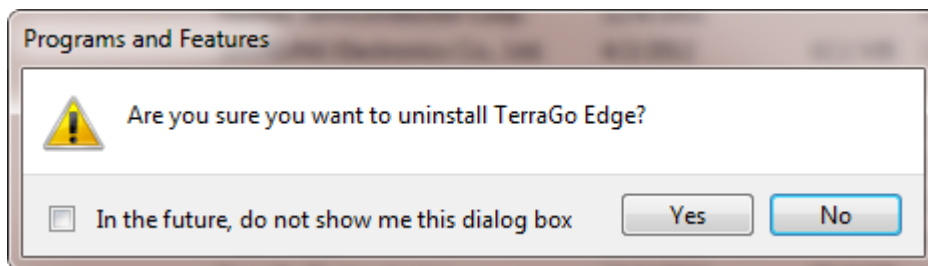


Figure 37: Uninstallation Confirmation

5. Now, the TerraGoEdge application is uninstalled successfully.

8.2. Uninstall PostgreSQL Database Server

1. Click **Start > Control Panel > Programs > Programs and Features**.
2. Select PostgreSQL 9.3.
3. Select the **Uninstall** option to remove PostgreSQL 9.3 from the computer.

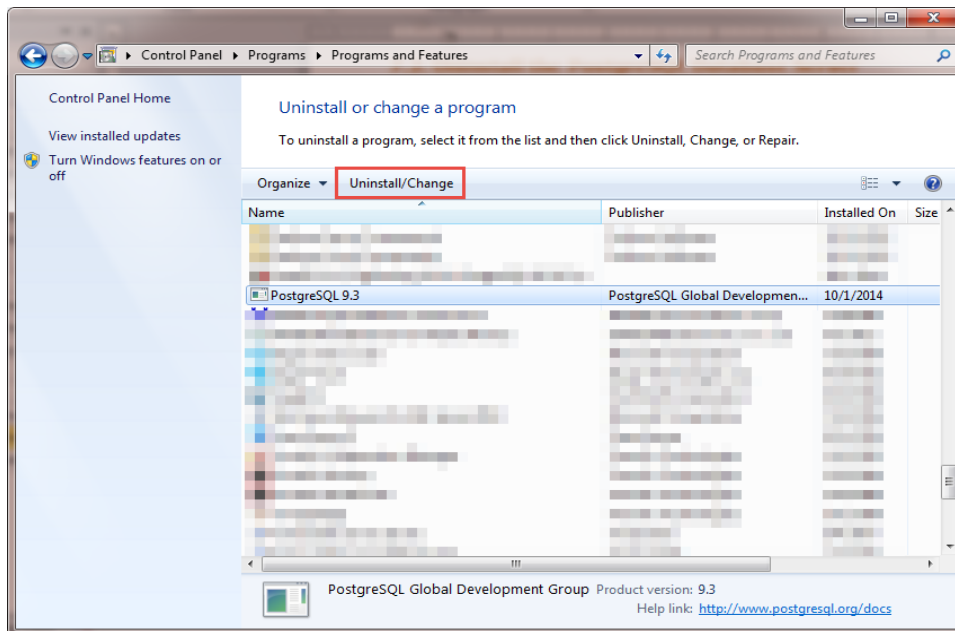


Figure 38: PostgreSQL - Uninstall

4. A confirmation window opens. Click **Yes** to confirm the uninstallation.

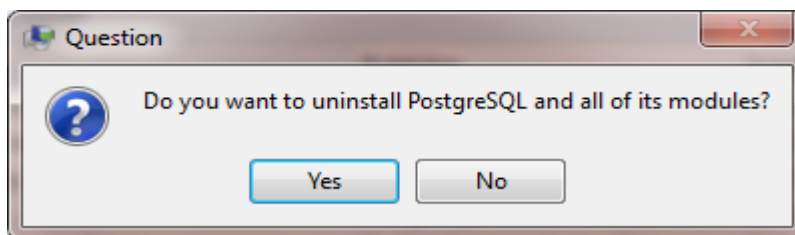


Figure 39: PostgreSQL Uninstallation Confirmation

5. The uninstallation progress is displayed as shown below with the alert message indicating that the Data directory is not removed. Click the **OK** button to proceed.

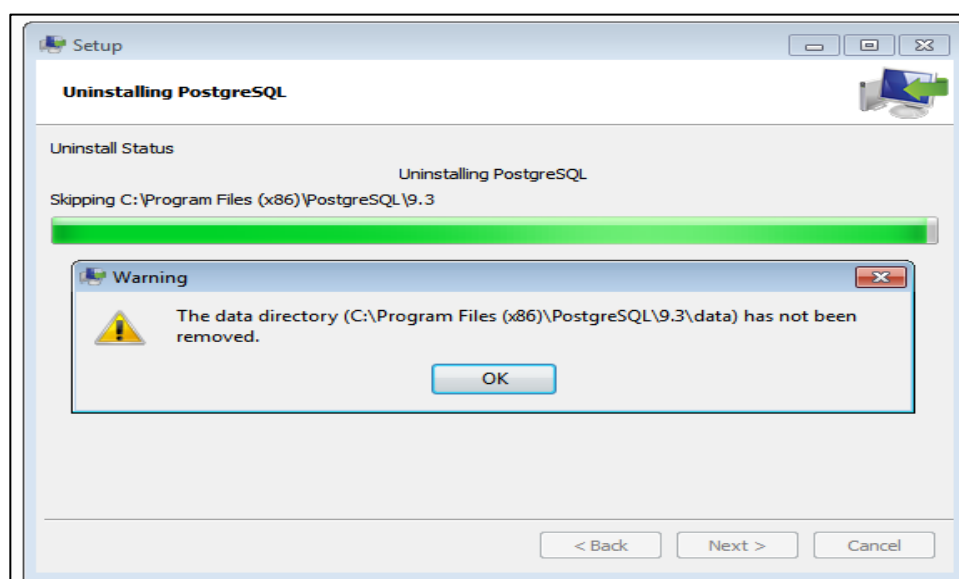


Figure 40: Uninstallation Progress



6. Now the PostgreSQL database server is uninstalled successfully.
7. To delete the **Data** directory manually, navigate to the path where the application is installed.
 - Navigate to C:\Program Files (x86)\
 - Search and select **PostgreSQL**
 - Right click on the **PostgreSQL** folder
 - Select the **Delete** option

8.3. Uninstall PostGIS

1. Click **Start > Control Panel > Programs > Programs and Features**.
2. Select PostGIS 2.1.3.
3. Select the **Uninstall** option to remove PostGIS 2.1.3 from the computer.

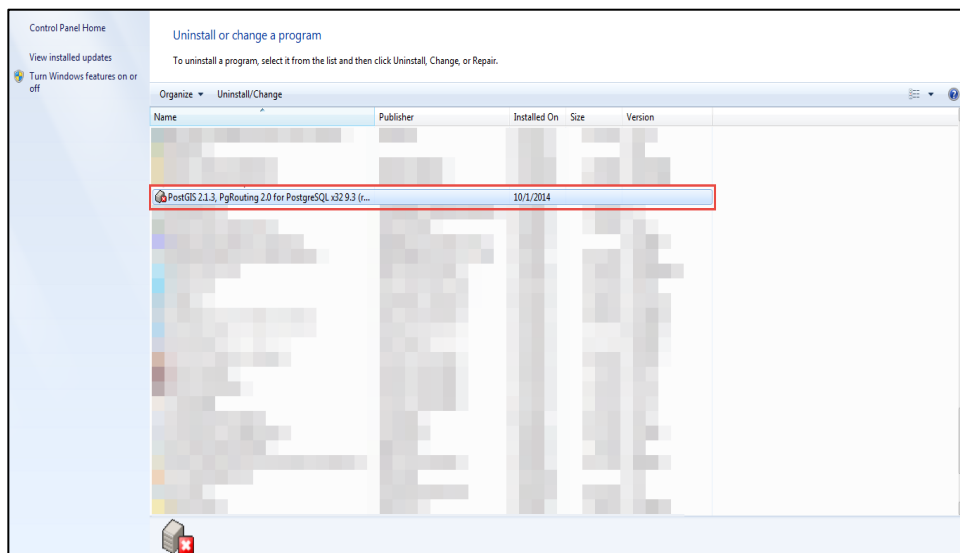


Figure 41: PostGreSQL - Uninstall

4. In the uninstallation wizard that opens, click **Uninstall**.

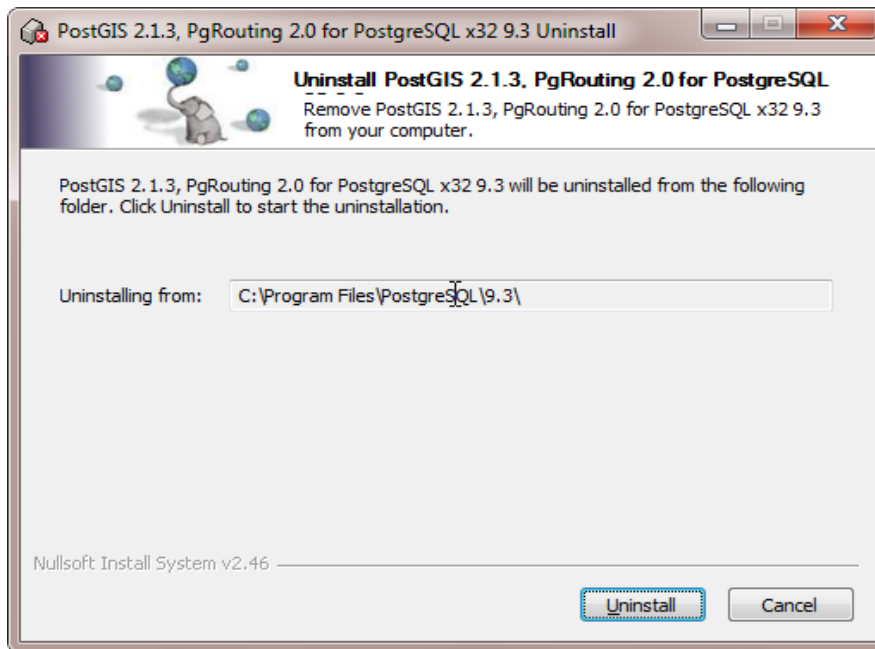


Figure 42: PostgreSQL Uninstallation Confirmation

5. Once the uninstallation is complete, the Uninstallation Complete message is displayed as shown below.
6. Click **Close**. PostGIS is now uninstalled successfully.

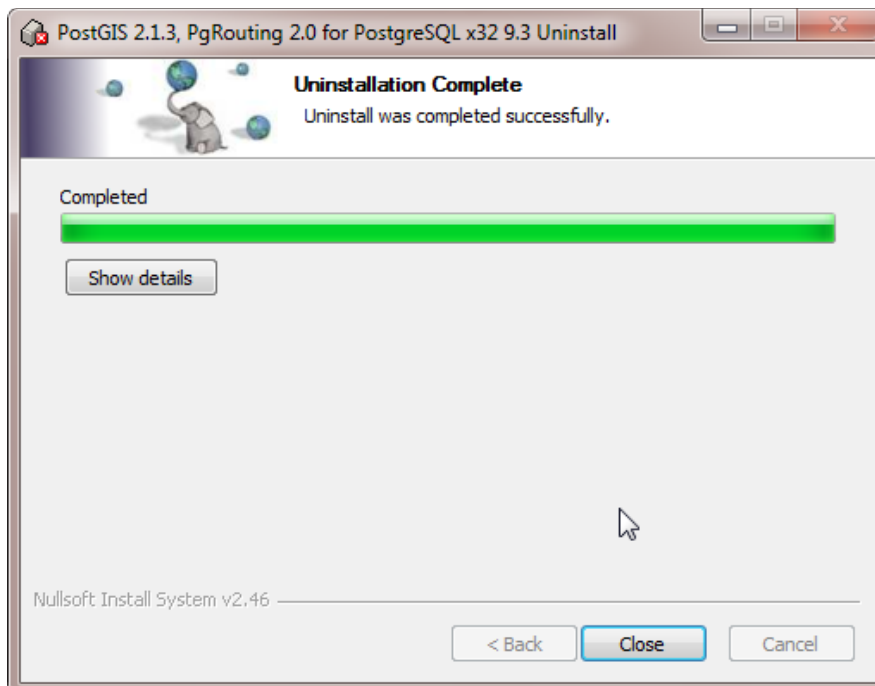


Figure 43: Uninstallation Progress