Installation Guide

PowerAlert
Office/Home/Medical

TRIPP·LITE

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1. Introduction

PowerAlert® software provides monitoring and control functions for up to two Tripp Lite UPS systems.

Installed on a desktop PC or network server, which is connected to the UPS system(s) through a serial or USB cable connection, PowerAlert software can be configured to automatically shut down the computer in the event of a power failure.

It also allows the UPS system(s) to appear as an SNMP-manageable device on the network, enabling remote monitoring and control via PowerAlert Network Management System (PANMS) software or a third-party Network Management System.

PowerAlert software is available in three packages:

- Office: Advanced monitoring and control functions
- Home: Basic monitoring and control functions
- Medical: Monitoring and control functions optimized for use with Tripp Lite Medical Cart solutions

1.1. System Requirements

Only one PowerAlert software package can be installed in the computing environment at a time. If a different package needs to be installed, the existing package must first be uninstalled.

- Personal computer with a supported 64-bit operating system: Windows 8 or 10; Windows Server 2012, 2016 or 2019
- CPU: 4 core 2.0 GHz or higher
- Memory: minimum of 4 GB
- Available Disk Space: minimum of 300 MB
- Ethernet network that supports the TCP/IP protocol
- Supported web browsers: Google Chrome, Mozilla Firefox, Internet Explorer 10 or later, Microsoft Edge, Safari

1.2. Components

During installation, several third-party components will be loaded. Review the list and links below for information on the third-party components and licenses:

- **Redis:** In-memory database, cache and message broker. https://redis.io/
- **Nginx:** Web server used for services communication. https://www.nginx.com/
- **Angular:** Application framework for the user interface. https://angular.io/
- **NodeJs:** API framework for PowerAlert. https://nodejs.org/en/
- **OpenSSL:** Converting *.crt certificate to Java Keystore. https://www.openssl.org/

1.3. Compatibility

PowerAlert supports Tripp Lite UPS systems. It does not support non-Tripp Lite devices.

2. Installation

The following installation steps are identical for all three PowerAlert packages: Office, Home and Medical. The screenshots shown reflect the Office package. They will differ accordingly for the Home and Medical packages.

1. Download the desired PowerAlert software package from the Tripp Lite website: tripplite.com/products/management-software

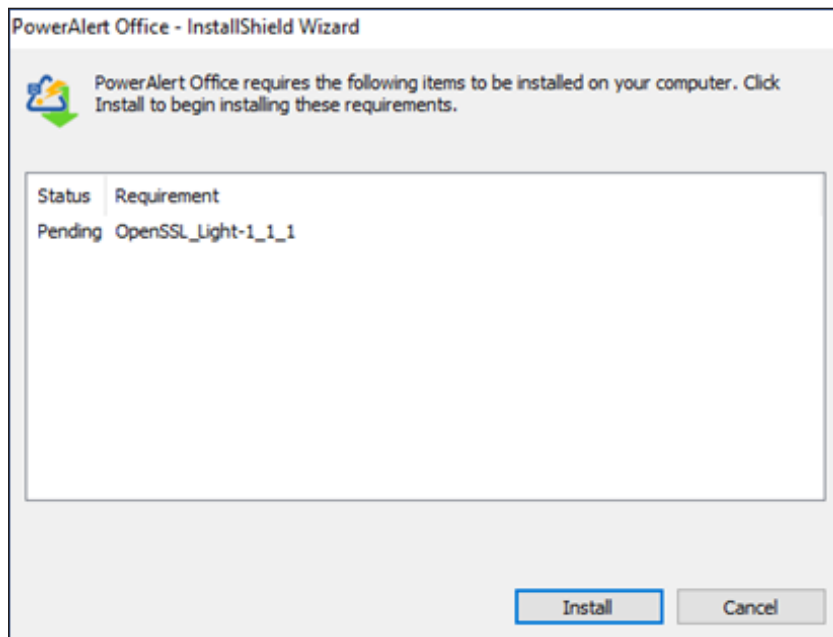2. Locate the PowerAlert .exe file in the computer's Downloads folder. Double-click the file to begin installation.
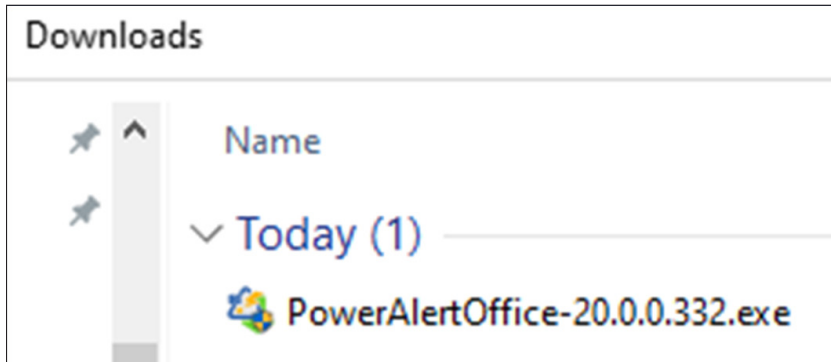
3. At the User Account Control prompt, click **Yes**.

2. Installation

4.   A dialogue box appears, identifying components that need to be installed. Click **Install** to begin the process.

PowerAlert Office - InstallShield Wizard

PowerAlert Office requires the following items to be installed on your computer. Click Install to begin installing these requirements.

Status	Requirement
Pending	OpenSSL_Light-1_1_1

Install   Cancel

5.   In the InstallShield Wizard Welcome dialogue box, click **Next** to proceed with the installation.

PowerAlert Office - InstallShield Wizard   ✕

Welcome to the InstallShield Wizard for PowerAlert Office

The InstallShield Wizard will install PowerAlert Office on your computer. To continue, click Next.

< Back   Next >   Cancel
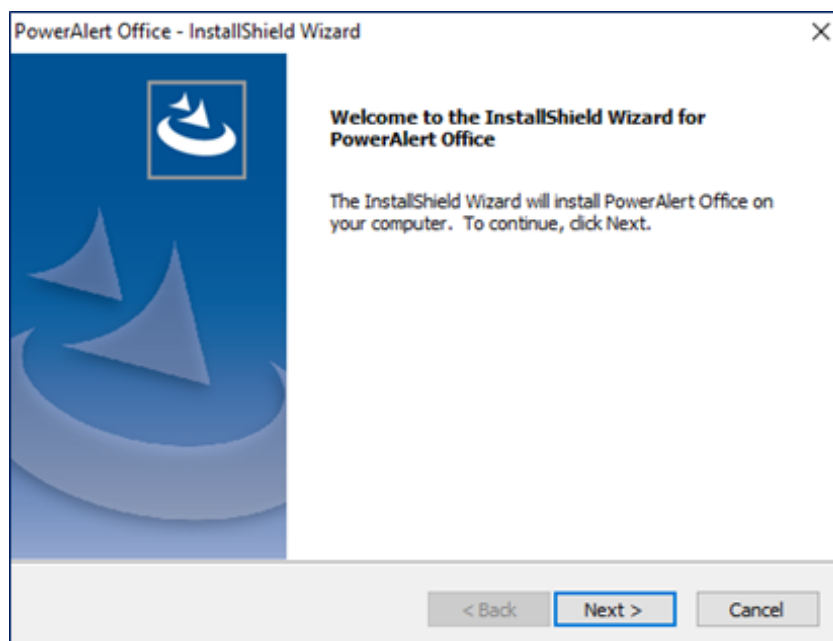
2. Installation

6. Review the End-User License Agreement. Click **Yes** to accept the terms of agreement.
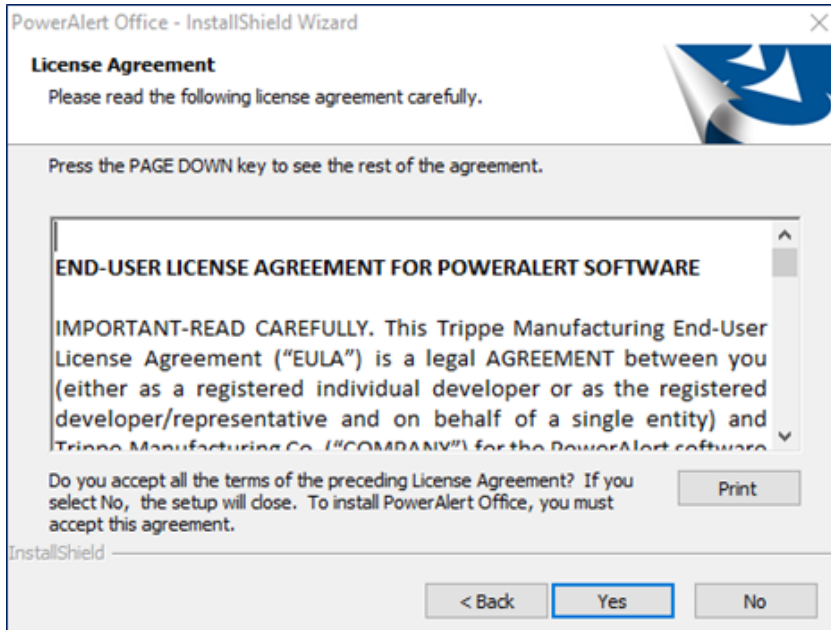
7. To proceed with the Standard installation (with default values), click **Next**. For advanced installation options, including port selection, select **Custom** then click **Next**.
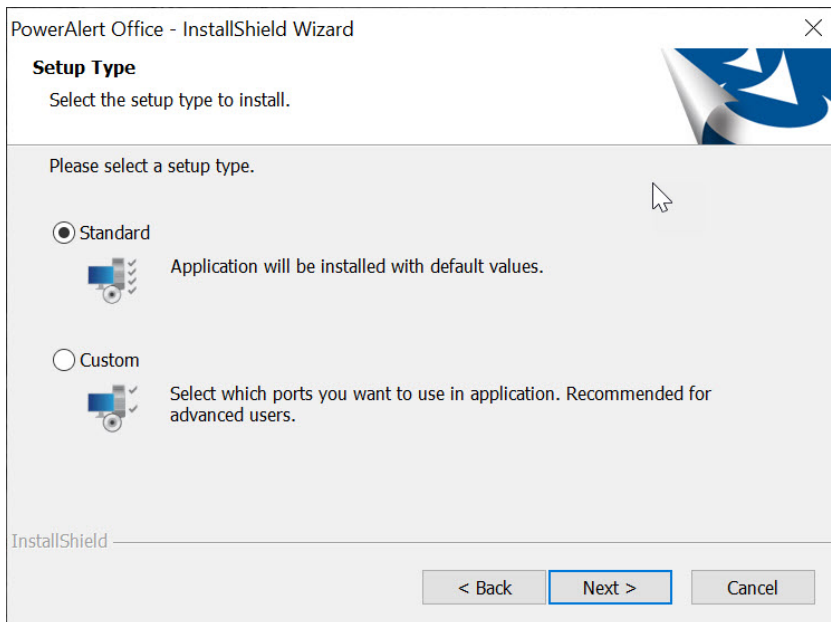
2. Installation

8. Three setup types are supported. Each is covered in the following steps.
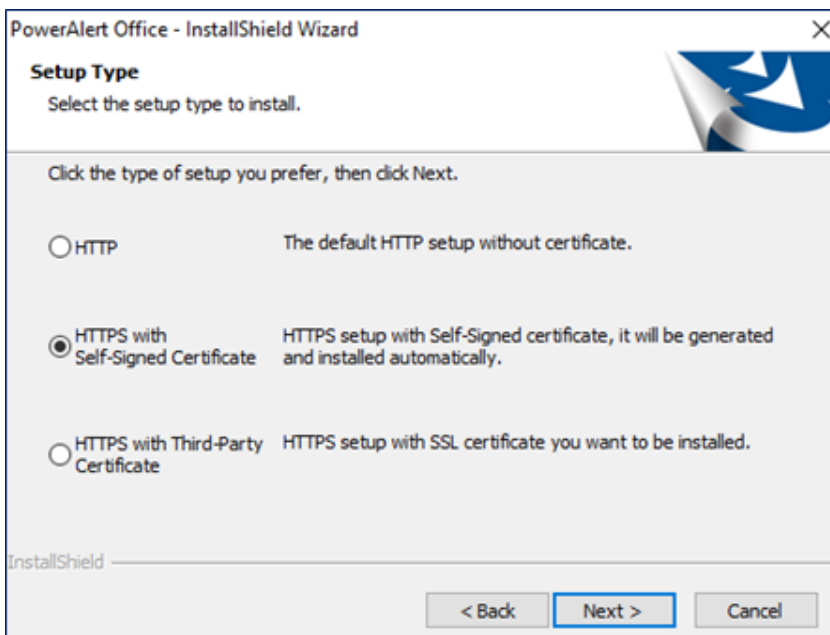
8.1. To Install Without a Certificate
Select the HTTP option, then click **Next**. For Standard installation, go to Step 10.
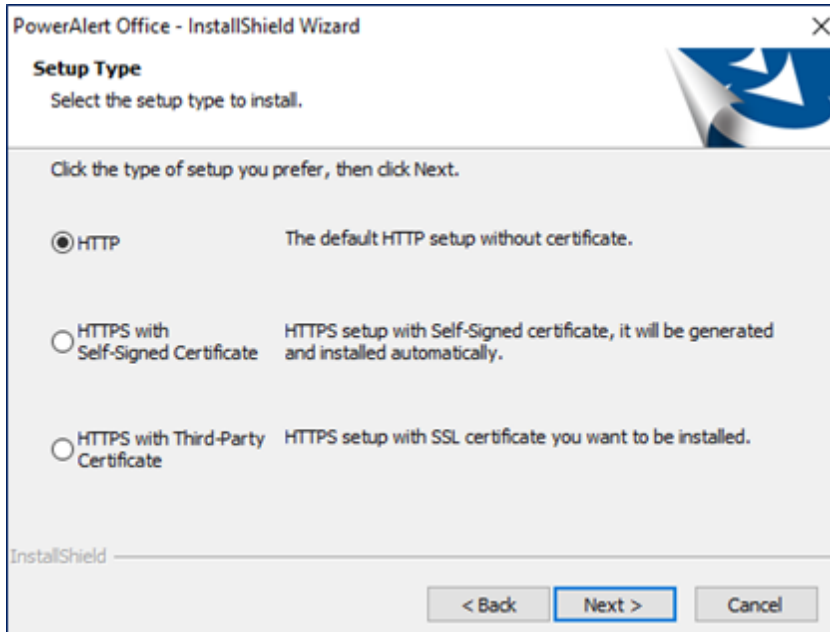
8.2 HTTPS with Self-Signed Certificate
This setup type automatically generates the certificate via Java Keystone.
To proceed with this setup, select it, then click **Next**. For Standard installation, proceed to Step 10.
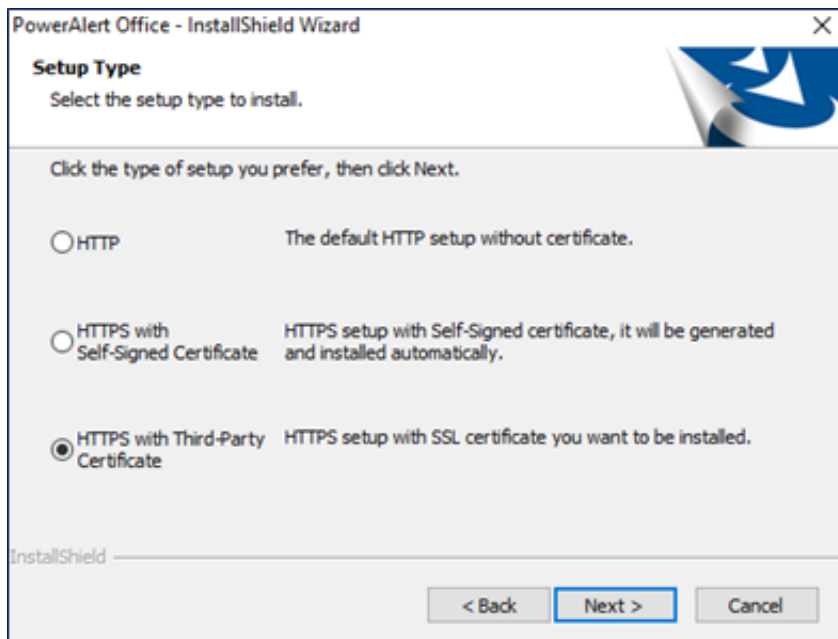
2. Installation
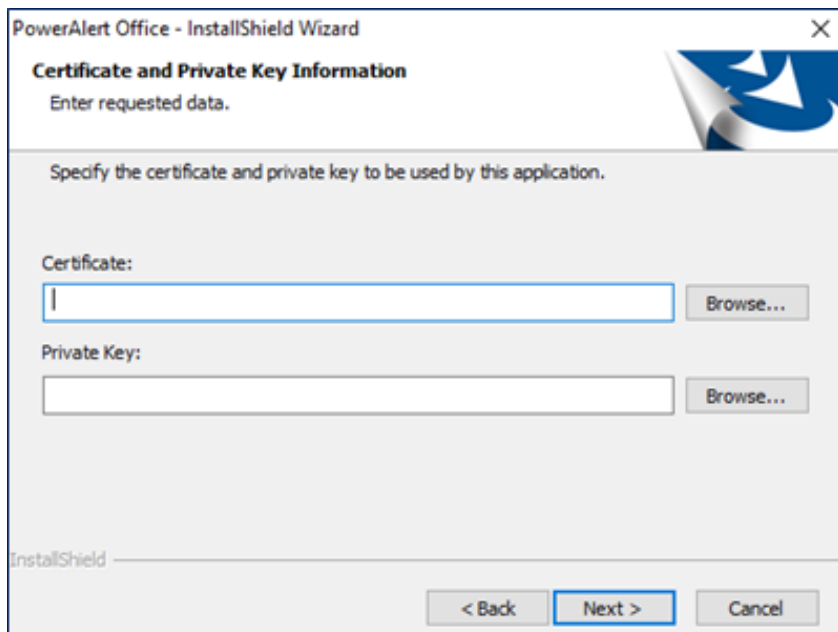
8.3 HTTPS with Third-Party Certificate

Upon selecting this setup type and clicking **Next**, a window will appear in which to enter the Certificate and Private Key.
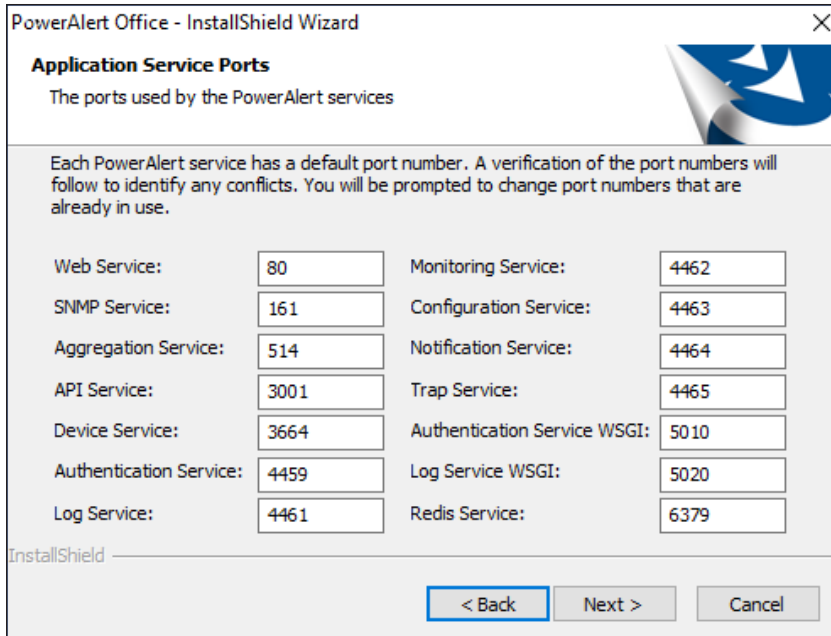

Use the **Browse** buttons to select the Certificate file and the Private Key file, then click **Next**.

For Standard installation, proceed to Step 10.

2. Installation

9. This step applies only to Custom installations. Once the setup type has been selected a dialogue box displays all application services and their default port numbers. Click **Next** to begin port verification. If conflicts are found, they will be identified accordingly. Edit the port numbers as needed to proceed with the installation.
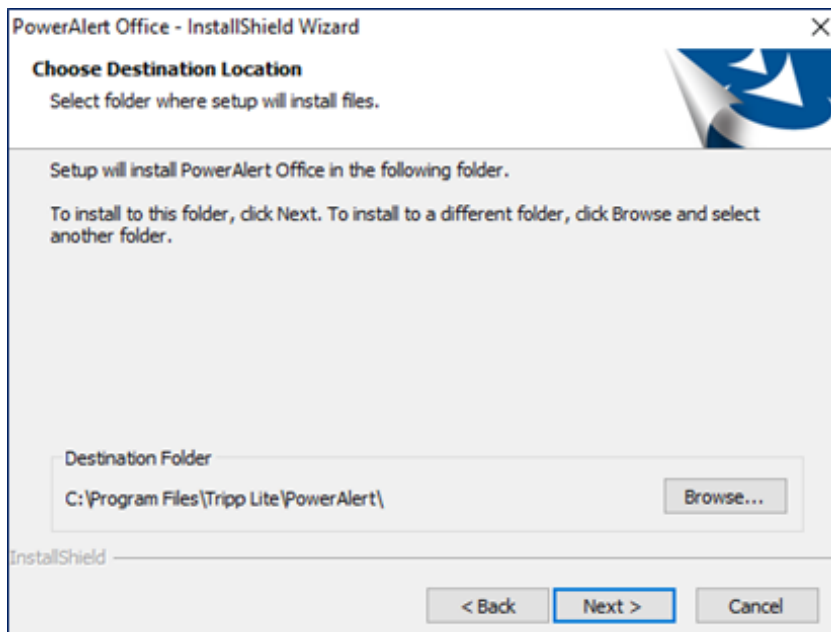
PowerAlert Office - InstallShield Wizard

Application Service Ports
The ports used by the PowerAlert services

Each PowerAlert service has a default port number. A verification of the port numbers will follow to identify any conflicts. You will be prompted to change port numbers that are already in use.

Web Service:	80	Monitoring Service:	4462
SNMP Service:	161	Configuration Service:	4463
Aggregation Service:	514	Notification Service:	4464
API Service:	3001	Trap Service:	4465
Device Service:	3664	Authentication Service WSGI:	5010
Authentication Service:	4459	Log Service WSGI:	5020
Log Service:	4461	Redis Service:	6379

InstallShield

< Back   Next >   Cancel

10. By default, PowerAlert will be installed at **C:\Program Files\Tripp Lite\PowerAlert**. To specify a different location, click **Browse** and navigate to the desired location. Click **Next** to proceed.
*Note: If entering a location path, do not use the following characters: < > : " / \ | ? * $ ^ ~*

PowerAlert Office - InstallShield Wizard

Choose Destination Location
Select folder where setup will install files.

Setup will install PowerAlert Office in the following folder.

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
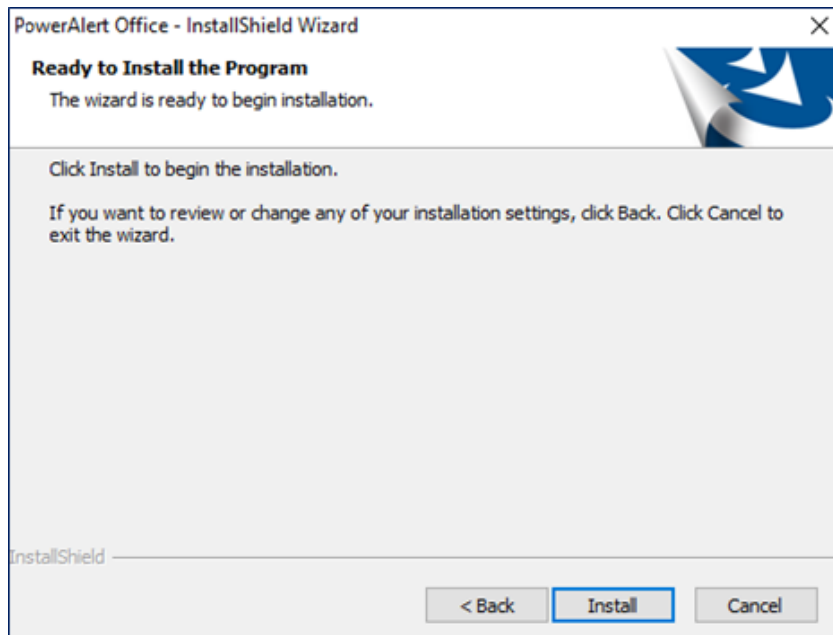
Destination Folder

C:\Program Files\Tripp Lite\PowerAlert\   Browse...

InstallShield

< Back   Next >   Cancel
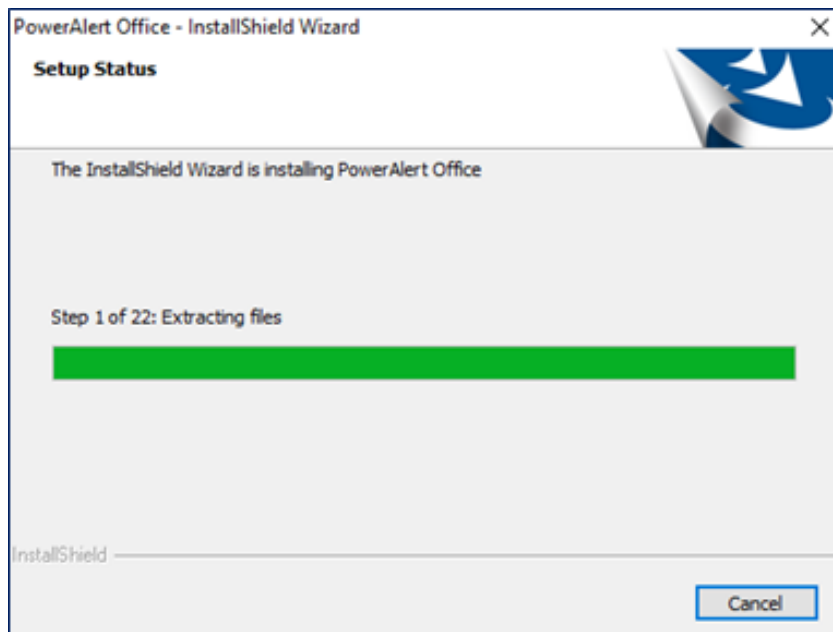
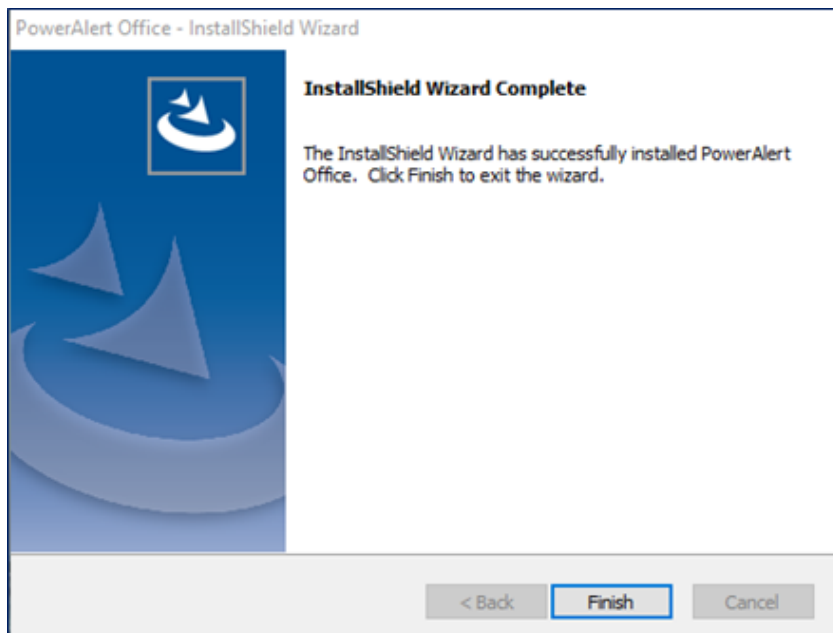11. Click **Install** to begin installation or **Back** to review previous steps.

A dialogue box will display installation progress. During the process, a PowerAlert Web Interface icon will appear on the desktop.
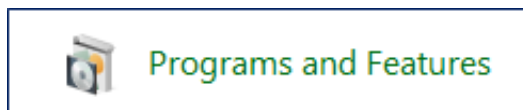
2. Installation

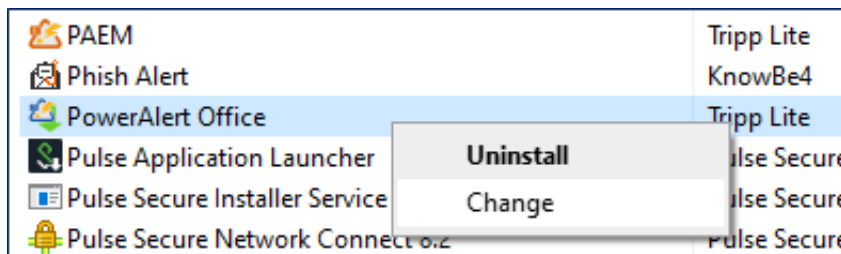12. When the installation is complete, click **Finish**.

3. Uninstall

1. To uninstall PowerAlert, open the computer's **Control Panel** and select **Programs and Features**.

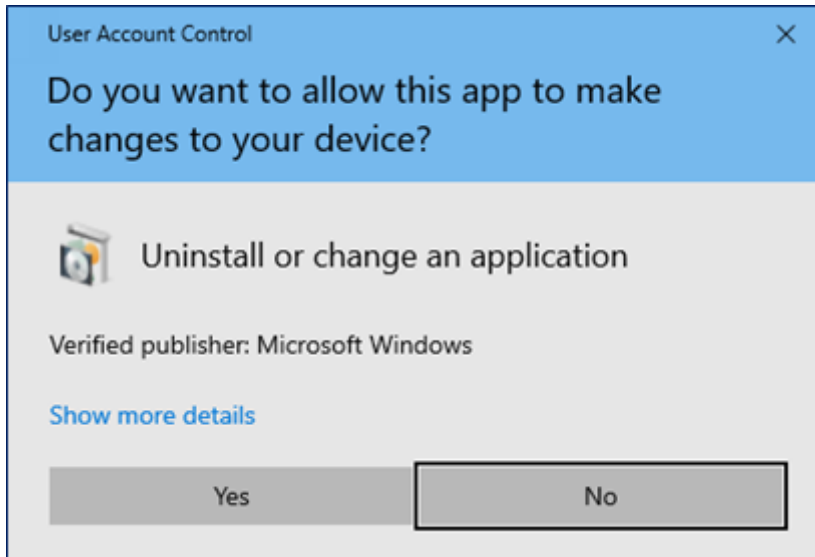
2. Scroll down the list of applications to locate PowerAlert. Right-click the application and select **Uninstall**.
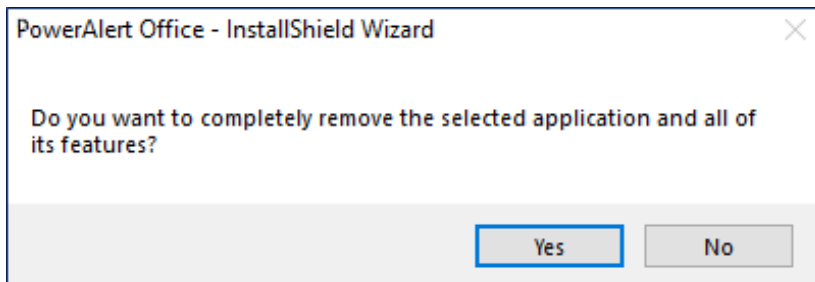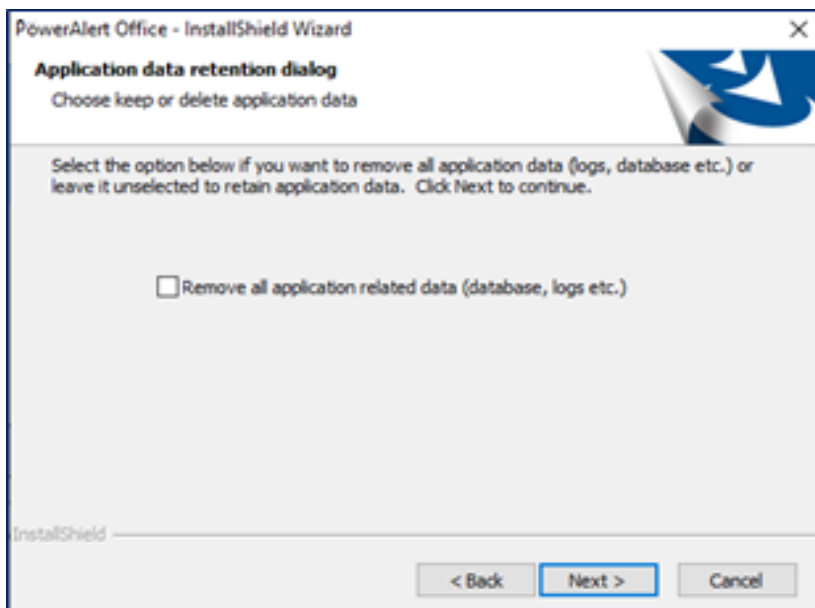
3. Uninstall

3. Click **Yes** in the User Account Control window.

4. Click **Yes** again to begin the uninstallation process.

5. In the dialogue box, select **Remove all application related data** to delete all data associated with PowerAlert. Alternatively, leave the box unchecked to retain the data for future use -- for example, if installing a different PowerAlert package. Click **Next**. A dialogue box will display the removal process.
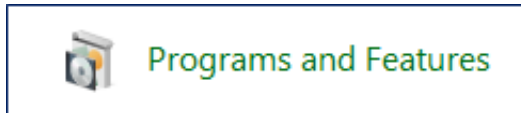
3.Uninstall
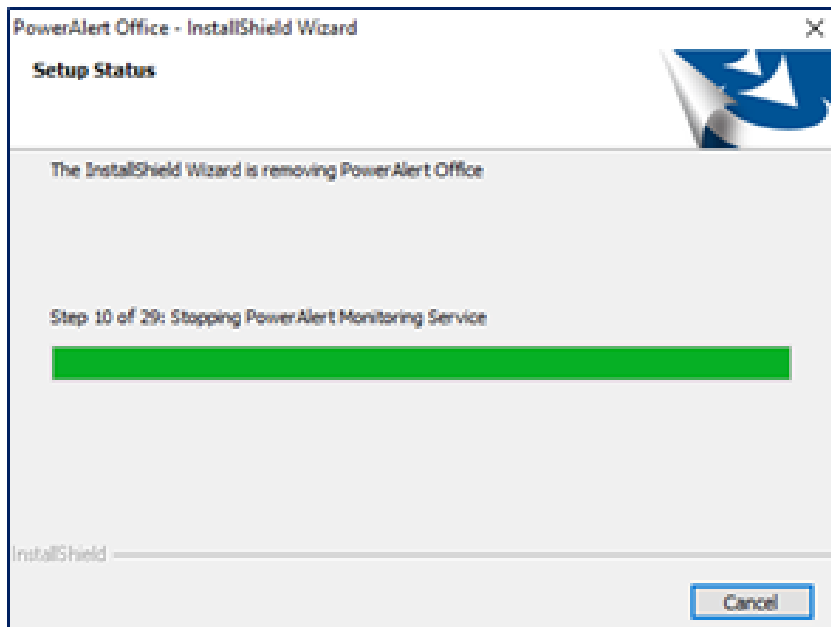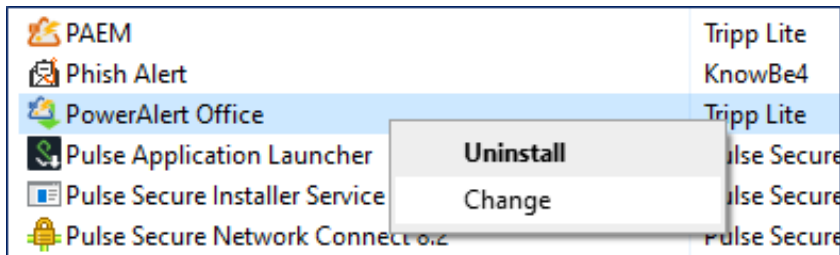

6. Click **Finish** to complete the uninstallation.
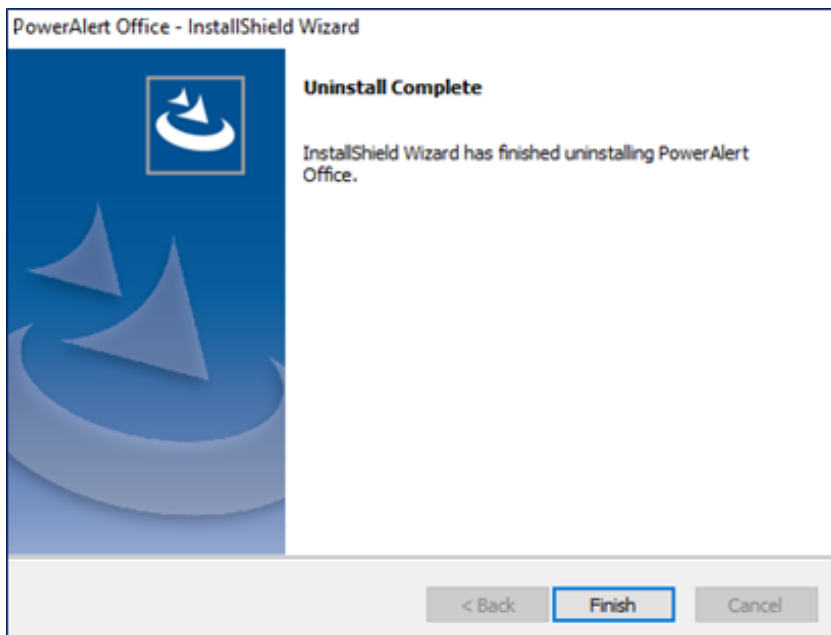
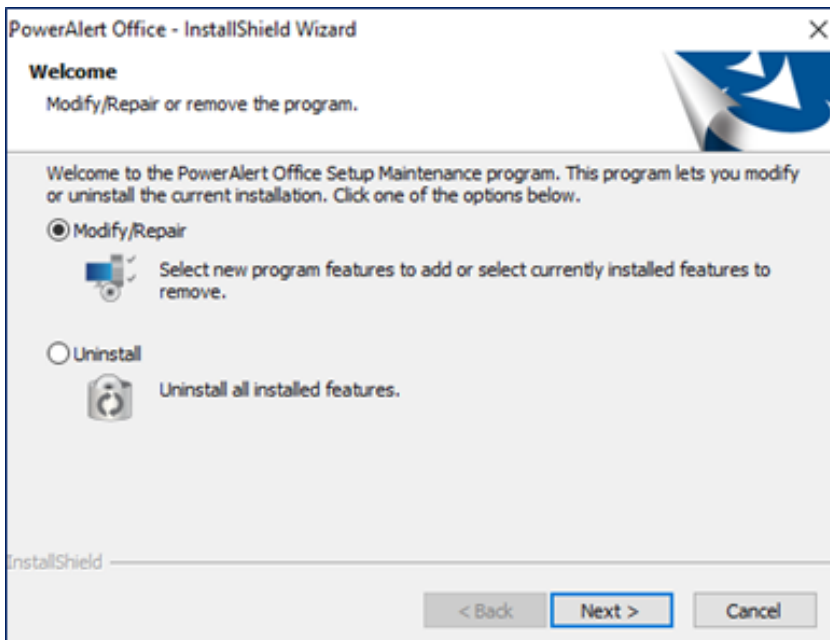# 4.Modify

1. To modify the PowerAlert installation, open the computer's **Control Panel** and select **Programs and Features**.

2. Scroll down the list of applications to locate PowerAlert. Right-click the application and select **Change**.
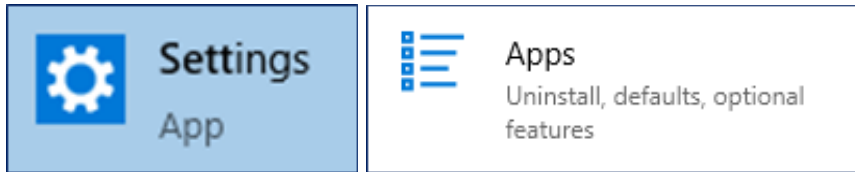

3. In the dialogue box, select **Modify/Repair**, then click **Next**. Refer back to Step 7 in the **Installation** section for further instructions.
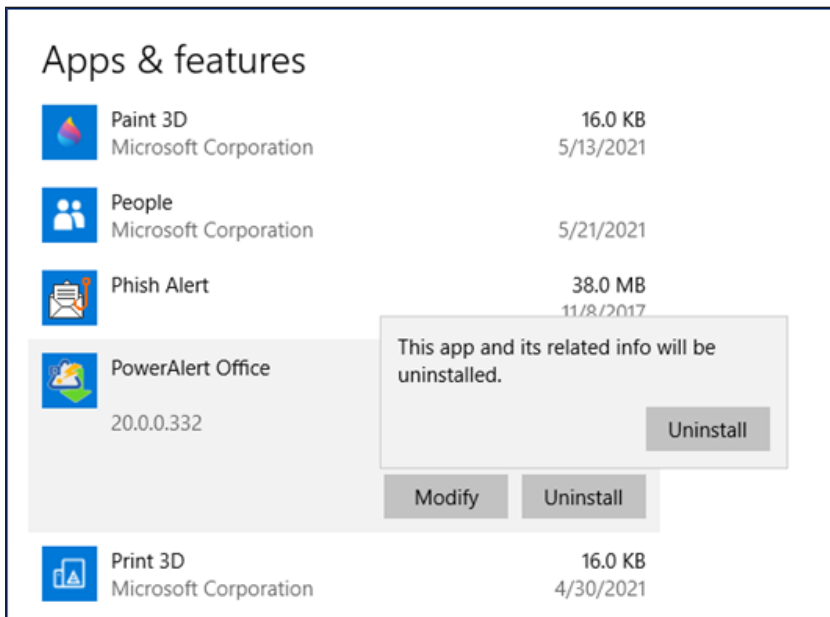
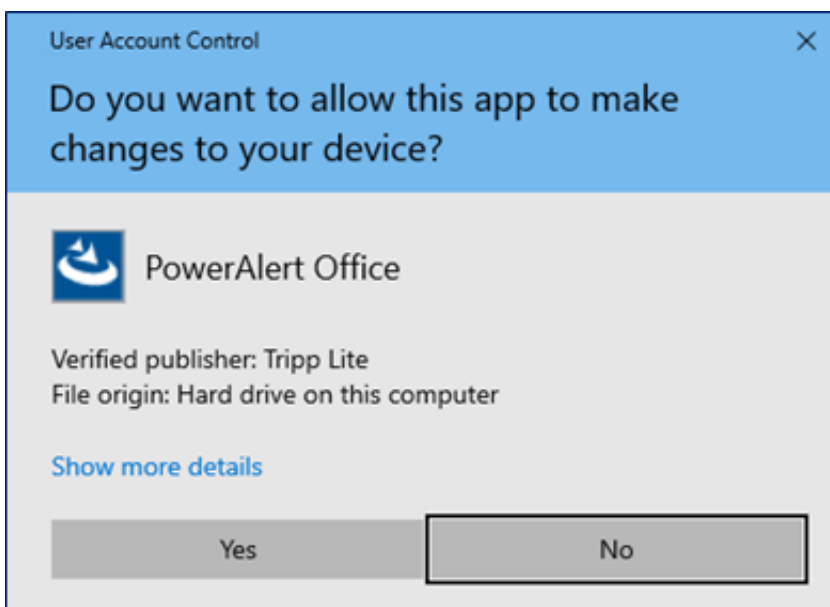# 5. Uninstalling PowerAlert from Windows 10 and Server 2019

1. Open the PC's **Settings** app and select **Apps** > **Apps & features**.

2. Scroll down the list to locate the PowerAlert application. Click **Uninstall**, then the confirmation **Uninstall** button.
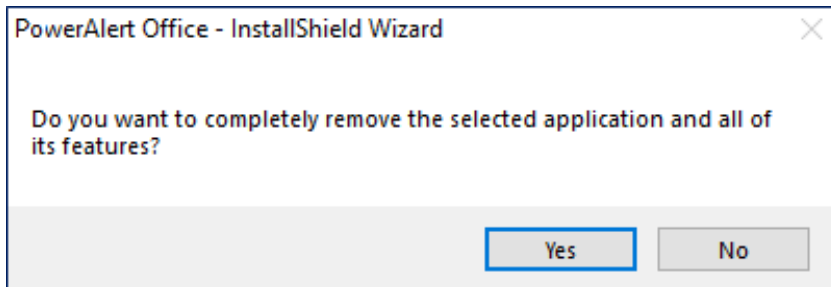

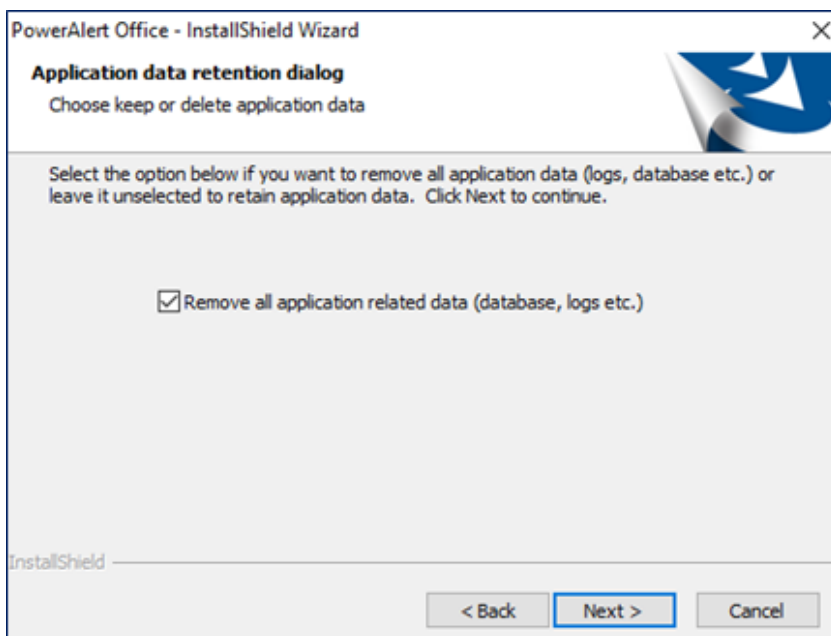3. Click **Yes** in the User Account Control window.

4. Click **Yes** to begin the uninstallation process.

PowerAlert Office - InstallShield Wizard

Do you want to completely remove the selected application and all of its features?

Yes   No

5. In the dialogue box, select **Remove all application related data** to delete all data associated with PowerAlert. Alternatively, leave the box unchecked to retain the data for future use -- for example, if installing a different PowerAlert package. Click **Next**.

PowerAlert Office - InstallShield Wizard

Application data retention dialog
Choose keep or delete application data

Select the option below if you want to remove all application data (logs, database etc.) or leave it unselected to retain application data. Click Next to continue.

☑ Remove all application related data (database, logs etc.)

InstallShield

< Back   Next >   Cancel

6. Click **Finish** to complete the uninstallation.

PowerAlert Office - InstallShield Wizard

Uninstall Complete

InstallShield Wizard has finished uninstalling PowerAlert Office.

< Back   Finish   Cancel
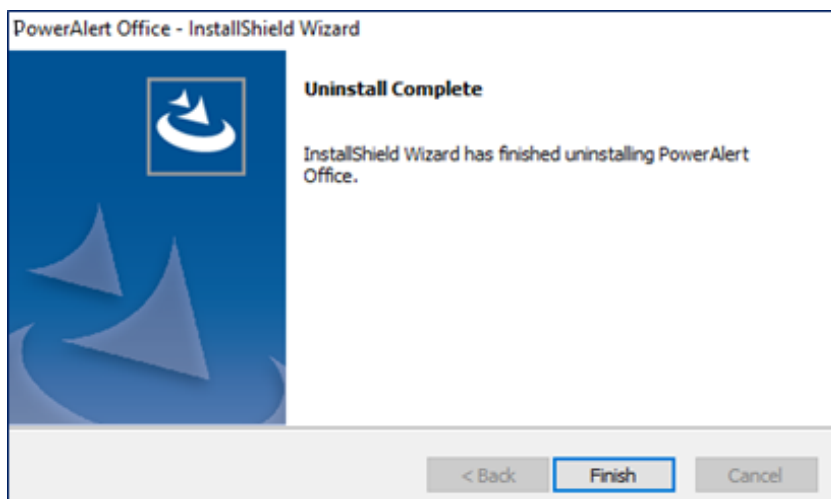
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