

LEPIDE SOFTWARE

Installation and Activation Guide

This document explains the steps to install, activate, and uninstall LepideAuditor Suite.



LepideAuditor Suite



Copyright

LepideAuditor Suite, LepideAuditor App, LepideAuditor App Server, LepideAuditor Suite (Web Console), LepideAuditor Logon/Logoff Audit Module, any and all components, any and all accompanying software, files, data and materials, this guide, and other documentation are copyright of Lepide Software Private Limited, with all rights reserved under the copyright laws. This user guide cannot be reproduced in any form without the prior written permission of Lepide Software Private Limited. No Patent Liability is assumed, however, with respect to the use of the information contained herein.

© Lepide Software Private Limited, All Rights Reserved.

Warranty Disclaimers and Liability Limitation

LepideAuditor Suite, LepideAuditor App, LepideAuditor App Server, LepideAuditor Suite (Web Console), LepideAuditor Logon/Logoff Audit Module, any and all components, any and all accompanying software, files, data and materials, are distributed and provided AS IS and with no warranties of any kind, whether expressed or implied. In particular, there is no warranty for any harm, destruction, impairment caused to the system where these are installed. You acknowledge that good data processing procedure dictates that any program, listed above, must be thoroughly tested with non-critical data before there is any reliance on it, and you hereby assume the entire risk of all use of the copies of LepideAuditor Suite and the above listed accompanying programs covered by this License. This disclaimer of warranty constitutes an essential part of this License.

In addition, in no event does Lepide Software Private Limited authorize you or anyone else to use LepideAuditor Suite and the above listed accompanying programs in applications or systems where LepideAuditor Suite and the above listed accompanying programs' failure to perform can reasonably be expected to result in a significant physical injury, or in loss of life. Any such use is entirely at your own risk, and you agree to hold Lepide Software Private Limited harmless from any and all claims or losses relating to such unauthorized use.

Trademarks

LepideAuditor Suite, LepideAuditor App, LepideAuditor App Server, LepideAuditor Suite (Web Console), LepideAuditor Logon/Logoff Audit Module, LepideAuditor for Active Directory, LepideAuditor for Group Policy Object, LepideAuditor for Exchange Server, LepideAuditor for SQL Server, LepideAuditor SharePoint, Lepide Object Restore Wizard,



Lepide Active Directory Cleaner, Lepide User Password Expiration Reminder, and LiveFeed are registered trademarks of Lepide Software Pvt Ltd.

All other brand names, product names, logos, registered marks, service marks and trademarks (except above of Lepide Software Pvt. Ltd.) appearing in this document are the sole property of their respective owners. These are purely used for informational purposes only. We have compiled a list of such trademarks but it may be possible that a few of them are not listed here.

Windows XP®, Windows 7®, Windows 8®, Windows 8.1®, Windows 10®, Windows 2000 Server®, Windows 2000 Advanced Server®, Windows Server 2003®, Windows Server 2003 R2®, Windows Server 2008®, Windows Server 2008 R2®, Windows Server 2012®, Exchange Server 2003®, Exchange Server 2007®, Exchange Server 2010®, Exchange Server 2013®, SharePoint Server®, SharePoint Server 2010®, SharePoint Foundation 2010®, SharePoint Server 2013®, SharePoint Foundation 2013®, SQL Server 2005®, SQL Server 2008®, SQL Server 2008 R2®, SQL Server 2012®, SQL Server 2014®, SQL Server 2016®, SQL Server 2005 Express Edition®, SQL Server 2008 Express®, SQL Server 2008 R2 Express®, SQL Server 2012 Express®, SQL Server 2014 Express®, .NET Framework 4.0, .NET Framework 2.0, Windows PowerShell® are registered trademarks of Microsoft Corporation.

Intel and Pentium are registered trademarks of Intel Corporation.



Table of Contents

- 1. Introduction 5
- 2. Purpose of this Document..... 5
- 3. System Requirements 5
 - 3.1 Basic System Requirements 5
 - 3.2 Supported Windows Servers 6
 - 3.3 Supported Exchange Servers 6
 - 3.4 Supported Systems for File Server Auditing 7
 - 3.5 Supported SharePoint Servers..... 7
 - 3.6 Supported SQL Servers for Auditing 8
 - 3.7 Prerequisites for SharePoint & SQL Server 8
 - 3.8 Prerequisites for Windows Server 2003 / 2003 R2..... 8
 - 3.9 Prerequisites for Domain Auditing..... 8
 - 3.10 Prerequisites for Group Policy Auditing 9
 - 3.11 Prerequisites for Health Monitoring 9
 - 3.12 Prerequisites for Web Console 9
- 4. User Rights 10
 - 4.1 Service Rights..... 10
 - 4.2 Local System Rights 10
- 4. Installing Lepide Auditor Suite 11
- 5. Uninstalling Lepide Auditor Suite 16
- 6. Activating the License 19
 - 6.1 Types of Licenses 19
 - 6.2 License Notification 19
 - 6.3 Generating License Request File..... 21
 - 6.4 Applying the License 22
- 7. Conclusion..... 24



1. Introduction

Welcome to the Installation and Configuration Guide of LepideAuditor Suite.

This solution provides a comprehensive means of auditing **Active Directory, Group Policy, Exchange Server, SharePoint, SQL Server, and File Server.**

2. Purpose of this Document

Using this systematic guide, we will help you install LepideAuditor Suite. If you have any questions at any point in the process, you can contact our Support Team. The contact details are mentioned at the end of this document.

3. System Requirements

Before you start installing LepideAuditor Suite, make sure that your computer meets the following requirements.

3.1 Basic System Requirements

- Dual Core Processor or higher Processor
- Minimum 4 GB RAM
- Required free disk space
 - Minimum 1 GB
 - Recommended 2 GB
- .NET Framework 4.0 or later
- Group Policy for Windows Server 2003
- Any of the following SQL Servers (local or network hosted) for storing auditing logs:
 - SQL Server 2005
 - SQL Server 2008
 - SQL Server 2008 R2
 - SQL Server 2012
 - SQL Server 2014
 - SQL Server 2016
 - SQL Server 2005 Express Edition



- SQL Server 2008 Express
- SQL Server 2008 R2 Express
- SQL Server 2012 Express
- SQL Server 2014 Express
- Any of the following 32 bit or 64 bit Windows Operating Systems.
 - Windows XP
 - Windows 7
 - Windows 8
 - Windows 8.1
 - Windows 10
 - Windows Server 2003
 - Windows Server 2003 R2
 - Windows Server 2008
 - Windows Server 2008 R2
 - Windows Server 2012
 - Windows Server 2012 R2

3.2 Supported Windows Servers

- Windows Server 2003
- Windows Server 2003 R2
- Windows Server 2008
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2

3.3 Supported Exchange Servers

- Exchange Server 2003
- Exchange Server 2007
- Exchange Server 2010
- Exchange Server 2013



3.4 Supported Systems for File Server Auditing

Any system running on the following Windows Operating Systems.

- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Windows Server 2003
- Windows Server 2003 R2
- Windows Server 2008
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2

Any of the following NetApp Filers.

- LepideAuditor for File Server successfully audits and report events from NetApp filer with Data ONTAP™ 7.2 or later.
- The recommended version for complete feature availability is ONTAP 7.3.4 or later

Following are the prerequisites for NetApp Filer

- The agent to audit NetApp Filer can only be installed on any client system, but it requires GPMC.MSC (Group Policy Management Console) for installation.
- If you need the Permission Analysis of NetApp Filer, then it is recommended to use synchronous mode to connect to NetApp Filer.

3.5 Supported SharePoint Servers

- SharePoint Server 2010
- SharePoint Foundation 2010
- SharePoint Server 2013
- SharePoint Foundation 2013



3.6 Supported SQL Servers for Auditing

- SQL Server 2005
- SQL Server 2008
- SQL Server 2008 R2
- SQL Server 2012
- SQL Server 2014

3.7 Prerequisites for SharePoint & SQL Server

Following are the prerequisites for auditing SharePoint Server (above versions) and SQL Server (above versions)

- Microsoft System CLR Types for SQL Server 2012
- Microsoft SQL Server 2012 Management Objects Setup
- .NET Framework 4.0 should be installed on both the server to be monitored and the machine where the software is installed.

3.8 Prerequisites for Windows Server 2003 / 2003 R2

Following are the prerequisites to audit Windows Server 2003 and Windows Server 2003 R2 (both 32-bit and 64-bit versions)

- .NET Framework 2.0
- Windows PowerShell 2.0
- GPMC.MSC
- Hotfix of <http://support2.microsoft.com/hotfix/KBHotfix.aspx?kbnum=941084&kbIn=en-us> for Windows Server 2003

3.9 Prerequisites for Domain Auditing

- Event Viewer of domain controller(s) and main domain, to be audited, should be accessible.



3.10 Prerequisites for Group Policy Auditing

- .NET Framework 4.0 should be installed on both the server and the machine where the software is installed.
- GPMC should be installed on the machine where the software is installed.
- Following are other prerequisites for agent-based Group Policy Auditing
 - Windows PowerShell 2.0 should be installed on the server.
- Following are other prerequisites for agentless Group Policy Auditing
 - The software should be installed on the client machine.
 - Windows PowerShell 2.0 should be installed on both the server and the machine where software is installed.

3.11 Prerequisites for Health Monitoring

- WMI Services should be up and running
- Hotfix of <http://support2.microsoft.com/hotfix/KBHotfix.aspx?kbnm=941084&kbln=en-us> for Windows Server 2003

3.12 Prerequisites for Web Console

Following are the prerequisites for LepideAuditor Suite (Web Console)

- .NET Framework 4.0 or later for installing LepideAuditor Suite (Web Console)
- Web Browser is required to open the Web Console.
 - Internet Explorer 8 or later
 - Mozilla Firefox 20.0 or later
 - Apple Safari 4.0 or later
 - Google Chrome
 - Microsoft Edge



4. User Rights

To install and work with LAS, you need to have appropriate rights over the system where it will be installed. In addition, you need to have appropriate rights to access Active Directory, Exchange Server, SQL Server and SharePoint Server.

4.1 Service Rights

To run LepideAuditor Suite Service, the local system administrator rights are required. If you want to run the service using another user, then the selected user should be a member of the Domain Admins group.

4.2 Local System Rights

The user should have the following permissions on the local computer where the software is installed:

- Full access permission over drive in which Operating System is installed
- Read/Write permissions in the registry

Steps to assign these permissions are:

1. Go to Control Panel and select "User Accounts".
2. Select the user and select Change Account Type.
3. Make User as Administrator.
4. Click "Save".

NOTE:

1. Steps mentioned above may vary depending on the Windows version installed on the system.
2. If the User Account does not exist on the system, create a new User Account with Administrative rights.



4. Installing LepideAuditor Suite

To install Auditor Suite, you can download the installer file from <http://www.lepide.com/lepideauditor/download.html>. Please make sure your computer meets the system requirements and the logged on user has the required rights as discussed in the above section.

Extract the downloaded file and run "setup.exe" to start the installation. You have to follow the onscreen instructions to install the software. The installation procedure is same as you follow to install general applications on Windows OS; still the common steps are listed herein below for your ready reference.

1. Double click the downloaded installer file to start the installation.



Figure 1: Starting the Installation

2. Click "Next" to proceed. It shows the following step.

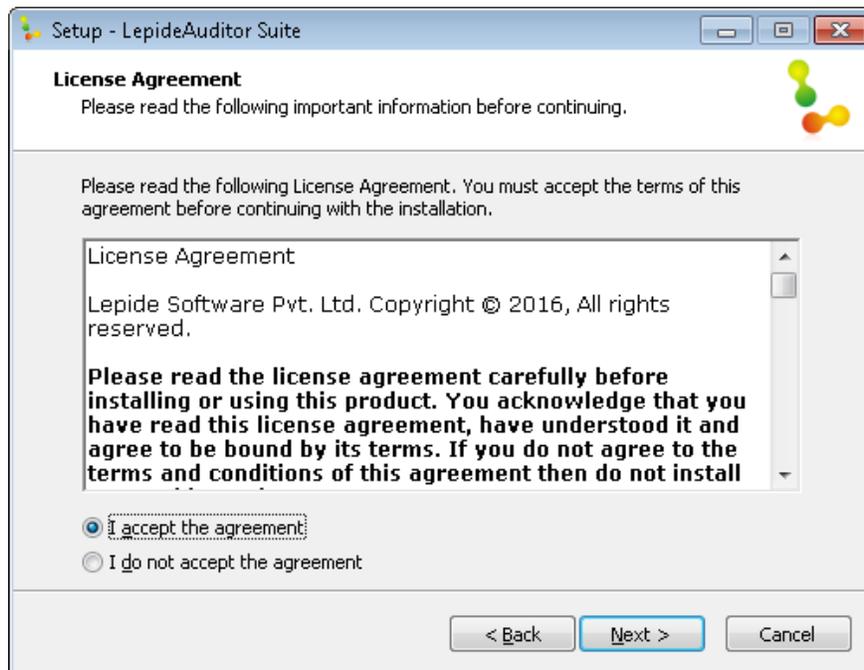


Figure 2: License Agreement

3. It is recommended to read the license agreement carefully before installing the software.
4. If you agree to the license agreement and want to continue the installation, then check "I accept the agreement" and click "Next".
5. Doing it displays the following step, where you can modify the installation location.

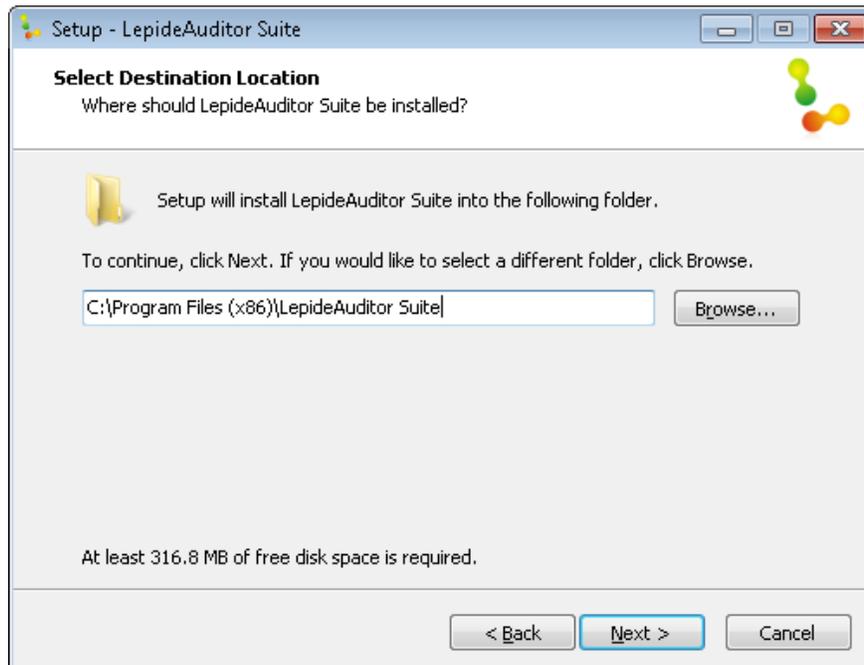


Figure 3: Change the Installation Location



The default destination is **%ProgramFiles%\LepideAuditor Suite** for 32-bit and **%ProgramFiles(x86)%\LepideAuditor Suite** for 64-bit Windows OS.

6. If you want to modify the installation location, then click "Browse" and select the desired location.
7. Click "Next" to proceed further. Here, you can customize the location of the shortcuts folder in the Start Menu.

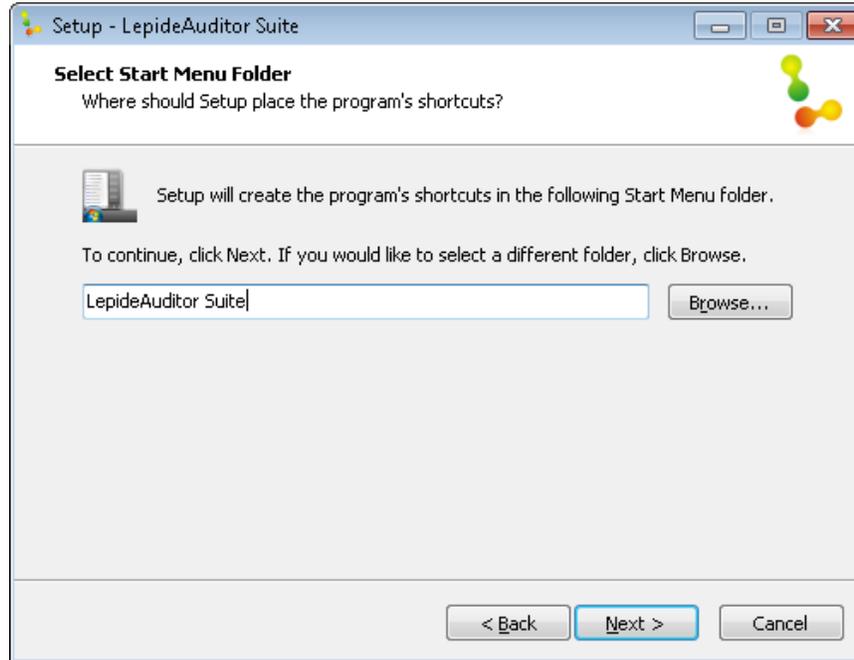


Figure 4: Option to modify the Shortcuts folder

8. Click "Browse" and select a different location to modify the location of the shortcuts folder in the Start Menu.
9. Click "Next" to use the default or customized shortcuts folder. It display the following step.

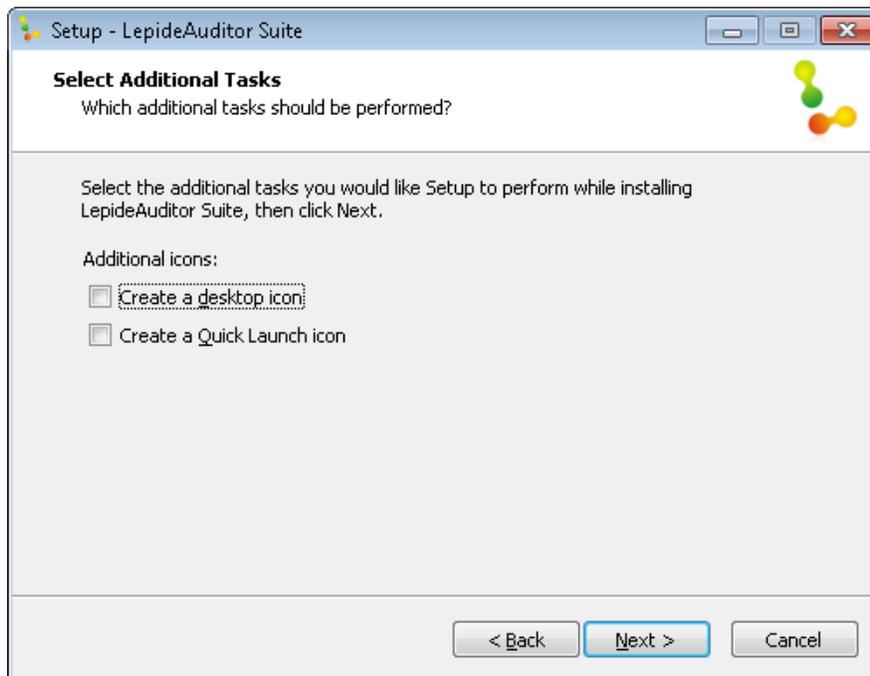


Figure 5: Perform Additional Tasks

10. Check the boxes titled "Create a desktop icon" and/or "Create a Quick Launch icon", if you want.
11. Click "Next" to proceed further.

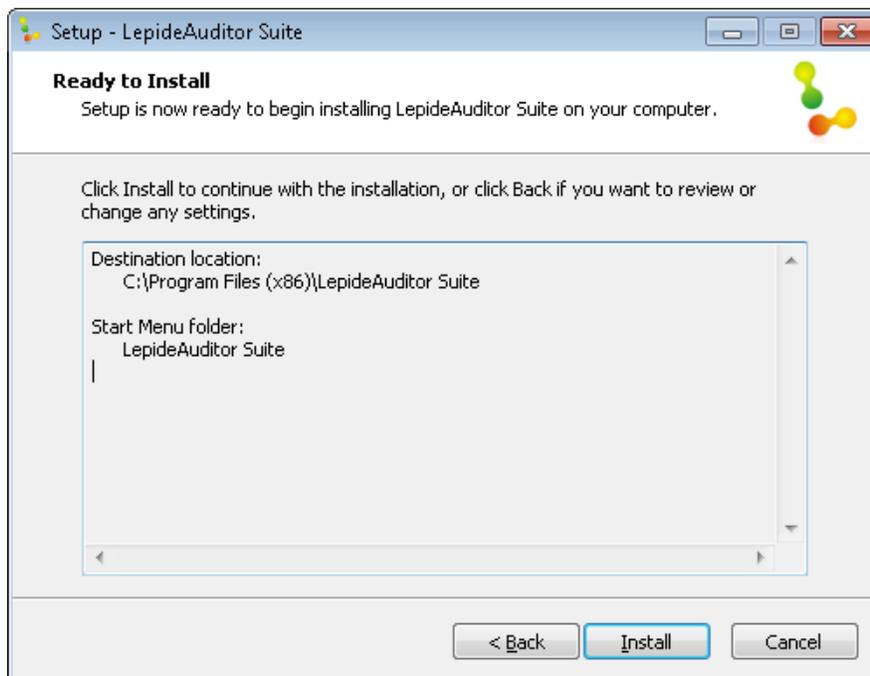


Figure 6: The software is now ready to install

12. Click "Install" to begin the installation.

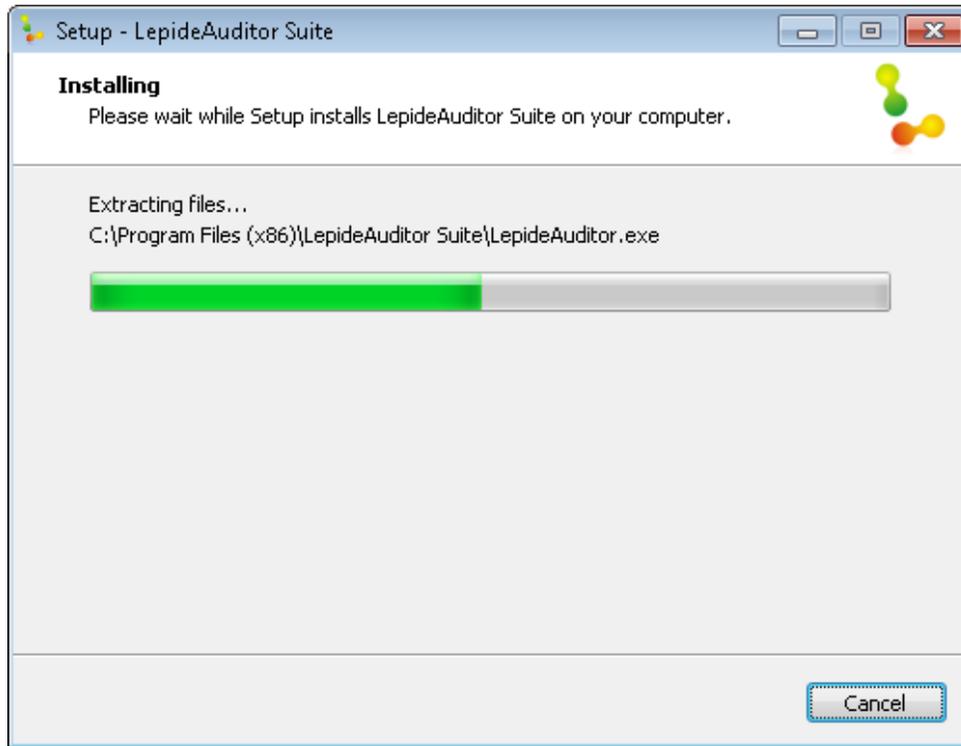


Figure 7: Software is being installed

13. When the installation process is completed successfully, the following message appears onscreen.



Figure 8: Software is installed



14. Click "Finish" to complete the process. It closes the installation wizard and launch the software, if you have kept the option "Launch Lepide Auditor Suite" checked.

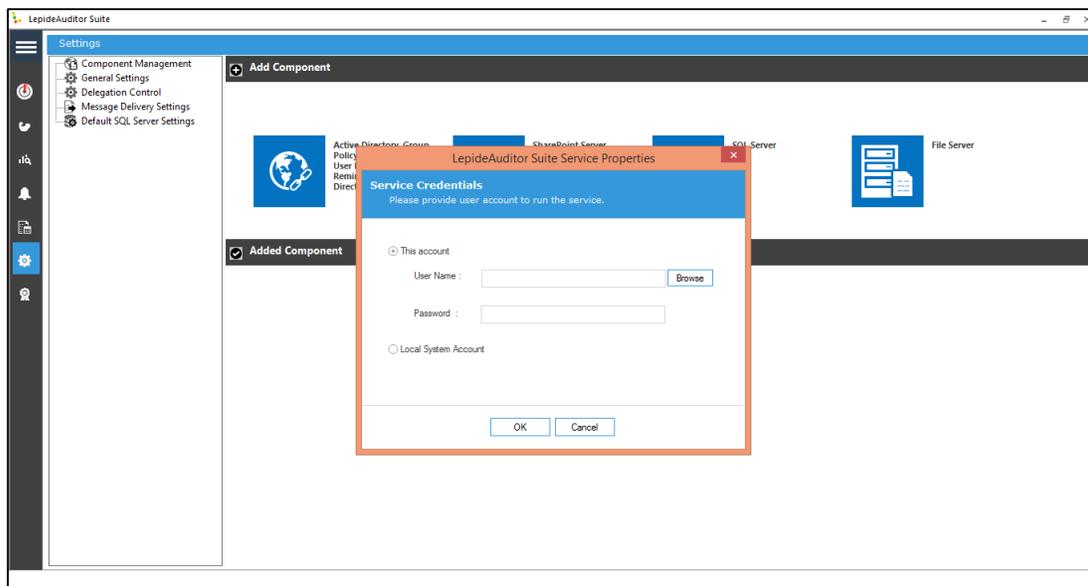


Figure 9: Welcome Screen

5. Uninstalling Lepide Auditor Suite

There can be a situation when you need to uninstall the Lepide Auditor Suite. Please make sure to close the software before uninstalling it. Follow the steps below to uninstall it.

1. There are two ways to start the uninstallation.
 - a. Go to **Start** → **"All Programs"** → **"Lepide Auditor Suite"**, click **"Uninstall Lepide Auditor Suite"**.
 - b. Click **Start** → **Control Panel**. Its window appears. Launch **"Add/Remove Programs"** or **"Programs"**. Select **"Lepide Auditor Suite"** and click **"Remove"**.
2. Following any of the above methods displays a warning message.

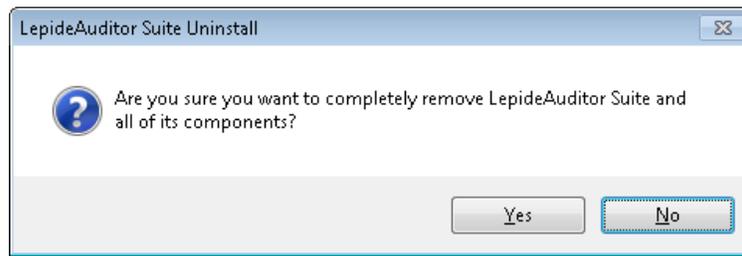


Figure 10: Warning to uninstall the software

1. Click **"Yes"** to start the un-installation process.

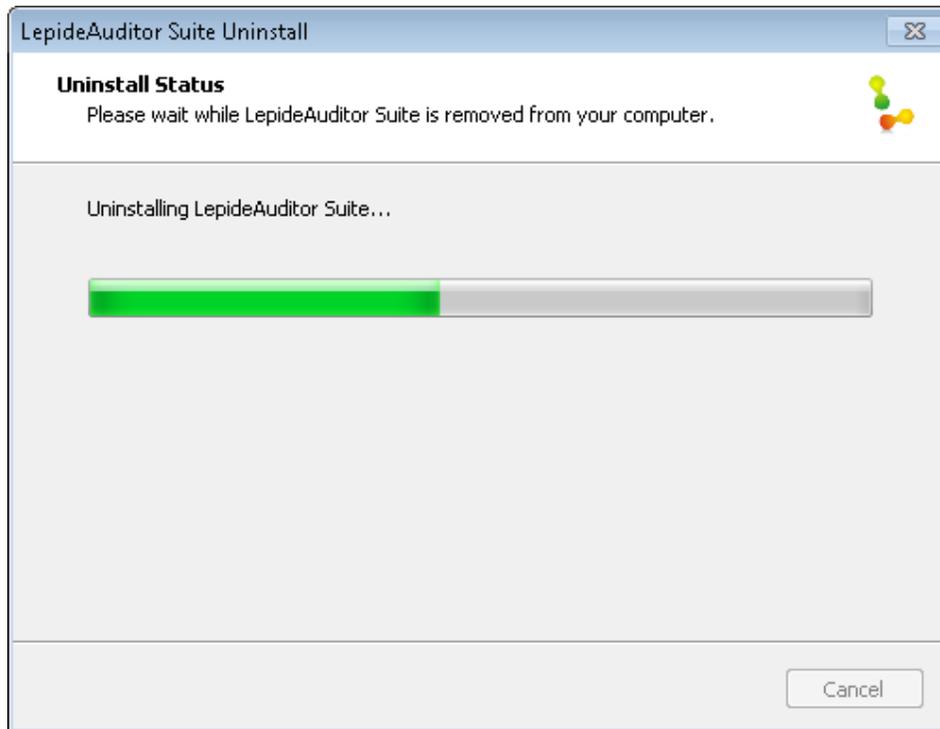


Figure 11: Uninstalling the software

2. When the software is removed, the following message box appears onscreen.

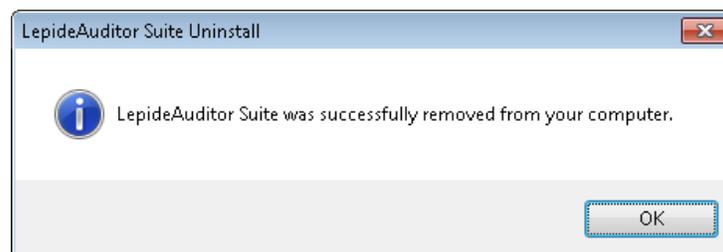


Figure 12: The software is finally uninstalled.

3. Click **"OK"** to finish the process.



After following the above steps, LepideAuditor Suite will be uninstalled successfully from your computer system.

By default, the software is configured to retain the license file, auditing for server, data of backup snapshots, and other settings in the program installation folder.

To remove the remaining elements, delete its program installation folder manually and then empty the Recycle Bin as well. Kindly don't remove this folder if you want to retain the license file and/or have to reinstall the same/upgraded version of the software.

- **%ProgramFiles%\LepideAuditor Suite** – for 32-bit OS
- **%ProgramFiles(x86)%\LepideAuditor Suite** – for 64-bit OS

Please note that deleting the above folder will also remove the snapshot data captured by the software and there is no way to recover them back. Please do not remove the installation folder in order to retain the auditing logs, license files, and other settings.



6. Activating the License

6.1 Types of Licenses

Lepide Software Pvt. Ltd. offers the following types of licenses for LepideAuditor Suite. You have to buy the separate licenses for each Active Directory (includes Group Policy Objects), Exchange Server, SQL Server, SharePoint, and File Server.

1. **Trial Version:** Trial version of the product will work just like the paid version; however, the software will remain active only for 15 days. LepideAuditor Suite activates the trial license automatically for all added domains, SharePoint Servers, SQL Servers, and File Servers. You have to purchase either subscription or perpetual license for each component once the trial period expires. Please note that Active Directory Cleaner will not perform any action in trial period rather it will only notify.
2. **Subscription License:** The product will remain active only for the subscribed period. The license has to be renewed thereafter.
3. **Perpetual License:** The product will remain active for a lifetime. There is no time limitation.

6.2 License Notification

Once you have installed the software, you have to add the domain that you want to audit. The software will audit the components and perform the actions in the free trial period.

After the expiry of the trial period, a notification bar appears at the bottom asking for the license.

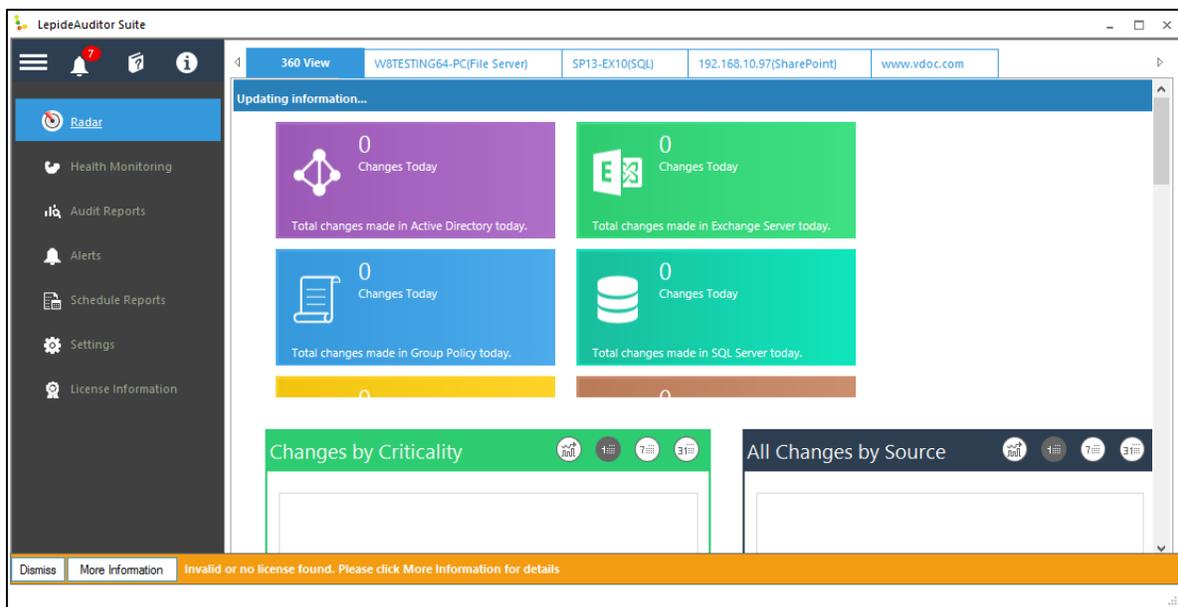


Figure 13: License Warning at the bottom

This license notification will flash until you add a license to the added domain. Click “More Information” button to know more about the license details. This will display the following dialog box.

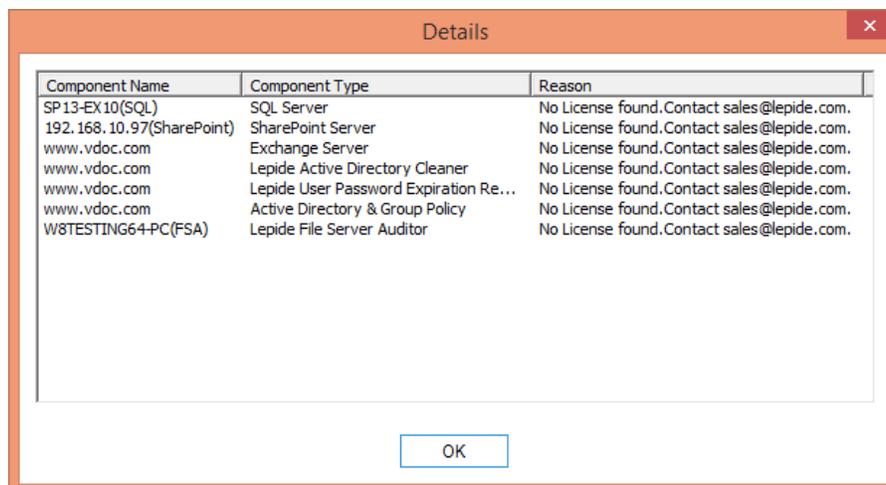


Figure 14: License Details



6.3 Generating License Request File

You need to follow the below mentioned steps for generating a license request file.

1. Go to “License Information Tab” that displays the list of all added servers in the left panel.
2. Select a server in the left panel, for which you want to add a license. It shows the License Information for that server in the Right Panel.

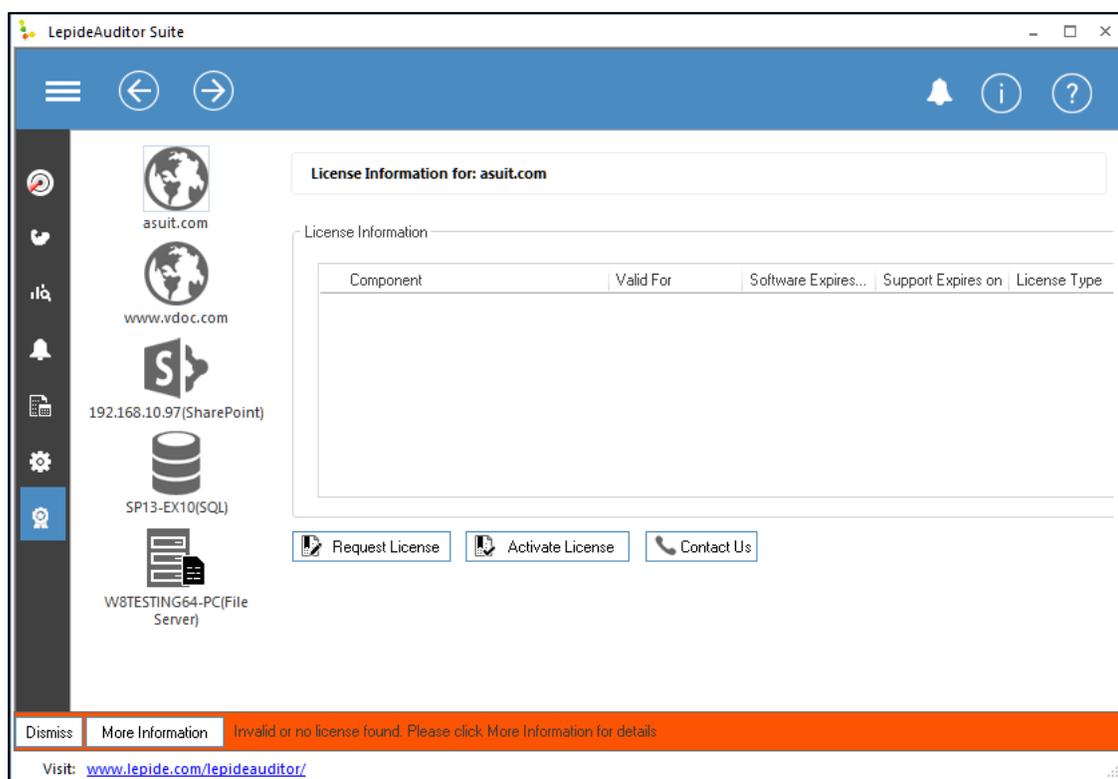


Figure 15: License Information Tab

3. Click  button to generate a quote file for the selected server. It displays the following message box.

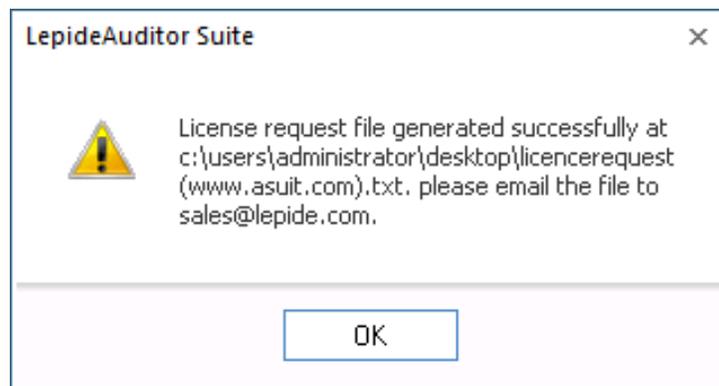


Figure 16: License Request Information file has been generated

4. Click "OK". A file - **LicenceRequest (audit.com).txt** - will be generated and stored on the current users' desktop.

 Here, the bracket contains the name or IP Address of the server provided by the user while adding the server in the software.

5. Send this file through email to sales@lepide.com along with the type of license you need. Free Trial version of the software is available for a limited period. You have to go for Perpetual or Subscription License after the expiration of this trial period.
6. Our Sales Team will revert back very soon with a License file. Store that file on the disk.

6.4 Applying the License

Follow the steps below to apply the received license.

1. At the License Information Tab, select the domain of which license you have to apply.

2. Click  Activate License to access the following dialog box.

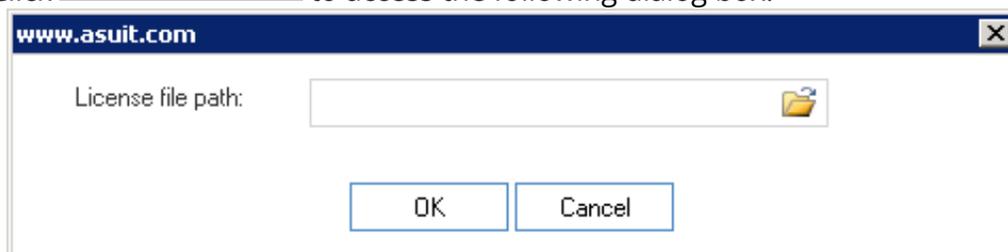


Figure 17: Activate License dialog box

3. Click  icon to select the license file. It displays the following box.

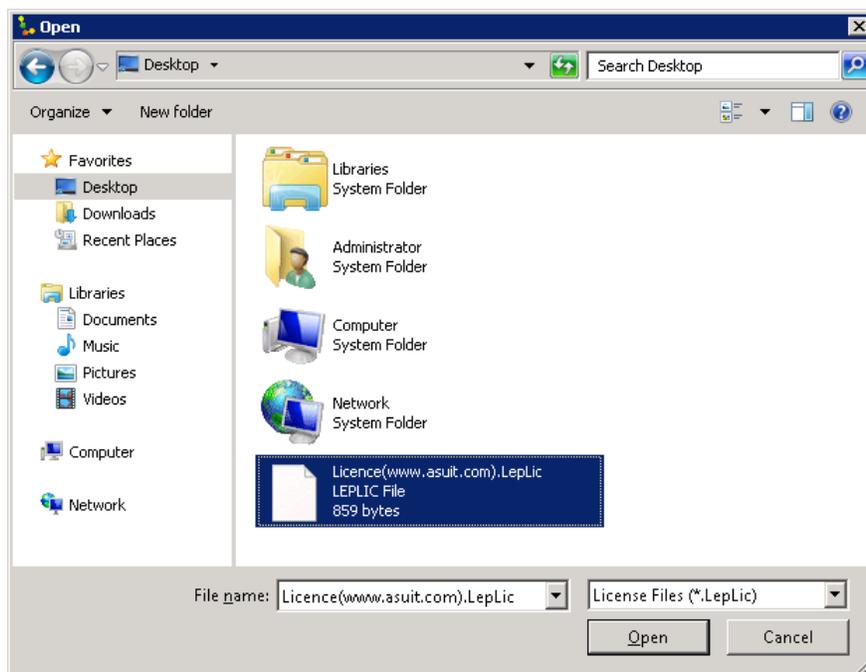


Figure 18: "Open" dialog box

4. Select the location, where you have stored the license file.
5. Select the file and click "Open" to open the license file.

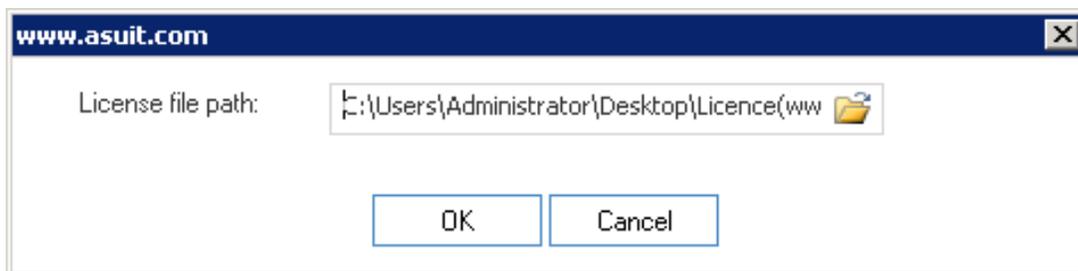


Figure 19: "Activate License" box now shows the selected file.

6. Click "OK" to apply the license to the software. It takes you back to the License Information Tab.

The software is now activated with the license obtained for the server component.



7. Conclusion

After following the above-mentioned steps, the software will be installed. Now, you can configure the software to add and audit a domain's Active Directory, Group Policy Objects, Exchange Server, File Server, SharePoint, and SQL Server.

To read more about the software visit: <http://www.lepide.com/lepideauditor/>

If you are facing any issue while installing, configuring or using the software, then you can connect with our team.

Product Experts

USA/Canada: +1-800-814-0578

UK/Europe: +44(0)-845-594-3766

Rest of the World: +91(0)-991-004-9028

Technical gurus

USA/Canada: +1-800-814-0578

UK/Europe: +44(0)-800-088-5478

Rest of the World: +91(0)-991-085-4291