

# License Patrol™ Mac Client
# Concurrent License Management Tool

## Installation Guide

Release 26.1 for macOS

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**License Patrol Mac Client Installation Guide, 26.1.x for macOS**

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**License Patrol Mac Client Installation Guide**

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- Did you find any errors?
- Is the information clearly presented?
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If you find any errors or have any other suggestions for improvement, please indicate the document title and part number, and the chapter, section, and page number (if available). You can send comments to us in the following ways:

- Electronic mail: **support@veralab.com**
- Postal service:

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  USA

If you would like a reply, please give your name, address, telephone number, and (optionally) electronic mail address.

If you have problems with the software, please contact VeraLab Technical Support.

# Preface

This manual is your primary source of introduction, preinstallation, installation, and postinstallation information for using License Patrol Client on macOS.

This preface introduces you to the License Patrol Mac Client Installation Guide, discussing the intended audience, structure, and conventions of this document. A list of related License Patrol documents is also provided.

> **Note** Starting with this release, License Patrol adopts the year-based version numbering used across VeraLab Inc. products: version 26.1 is the first release of 2026 and succeeds version 9.5.

This preface contains these topics:


- Audience
- Organization
- Related Documentation
- Conventions

## Audience

*License Patrol Client Installation Guide for macOS* is necessary for anyone installing, configuring, or administering License Patrol Client.

License Patrol Mac Client Installation Guide is intended for Computer Lab Managers, Administrators, Technicians, and other IT personnel who perform the following tasks:

- Manage computer facility and personnel
- Perform system installation, administration and setup

To use this document, you need:

- Apple macOS version 10.15 (Catalina) or higher installed and tested on your computer system

## Organization

This guide contains the following chapters and appendixes:

**Chapter 1, Preinstallation Requirements**

This chapter describes preinstallation requirements, third-party software, and operating system requirements for License Patrol for macOS.

**Chapter 2, License Patrol Mac Client Installation**

This chapter describes how to install and uninstall License Patrol Client for macOS.

**Chapter 3, Postinstallation Configuration**

This chapter identifies postinstallation configuration tasks. Where appropriate, this chapter references other guides for procedures on performing these configuration tasks.

## Related Documentation

This guide is a part of a set for IT personnel using License Patrol. The other guides in the set are:

- *License Patrol Administrator's Guide*
- *License Patrol Server Installation Guide*

To download free release notes, installation documentation, white papers, or other collateral, please visit www.veralab.com.

## Conventions

This section describes the conventions used in the text of this documentation set. We use various conventions in text to help you more quickly identify special terms. The following table describes those conventions and provides examples of their use.

| Convention | Meaning | Example |
|---|---|---|
| **Bold** | Bold typeface indicates screen elements, such as elements of forms or menu items. | Select the **Available** checkbox. |
| *Italics* | Italic typeface indicates book titles or emphasis. | *You can not make currently used workstations unavailable.* |
| ***Bold Italics*** | Bold and Italic typeface indicates screen names and areas. | The screen changes to ***Dashboard***. |
| <> | Angle brackets enclose variables or optional items. | The Dashboard `<counter_name>` page appears for that counter. |

# 1 Preinstallation Requirements

This chapter guides you through the License Patrol preinstallation procedures. This chapter covers the following topics:

- System Requirements

# System Requirements

## Software Requirements for License Patrol Mac Client

The following table shows the supported software environment.

| Requirement | Value |
|---|---|
| System Architecture | 64-bit |
| Operating System | License Patrol Client for macOS is supported on the following operating systems:<br>▪ Apple macOS version 10.15 (Catalina) or higher. |
| Network Protocol | ▪ TCP/IP<br>▪ TCP/IP with SSL |

## Hardware Requirements for License Patrol Mac Client

The following hardware components are required for License Patrol Mac Client:

- RAM: 2 GB minimum, 4 GB recommended.
- Virtual memory: double the amount of RAM.
- Hard disk space: 100 MB minimum, 500 MB recommended.
- Processor: Intel or Apple silicon, macOS-compatible processor.
- Display: 1024 x 768 or higher-resolution monitor displaying thousands of colors.
- Mouse or compatible pointing device.

## Verifying Hardware Requirements

To ensure that the system meets these requirements, follow these steps:

1. Determine the physical RAM size. To determine the total amount of installed RAM that is functional on your macOS system:
   a) Go to the **Apple** menu in the upper left corner of your screen.
   b) Select the first item, **About This Mac**.
2. Determine the amount of free disk space on the system. To check how much free space is available on your startup disk:
   a) In Finder™, select your startup disk's icon. For most users, this is **Macintosh HD**.
   b) Press the **Command-I** keyboard combination.
   c) The ***Get Info*** window for the startup disk will open, showing the Capacity, Available (free space), and space Used.

# 2 License Patrol Mac Client Installation

This chapter guides you through the License Patrol Mac Client installation procedures. This chapter covers the following topics:

- Installing License Patrol Mac Client
- Uninstalling License Patrol Components and Services

# Installing License Patrol Mac Client

You can download the License Patrol software from the VeraLab Web site. This chapter describes how to install License Patrol Mac Client from hard disk.

> **Note** The macOS client in version 26.1 ships with strengthened security hardening.

> **Important** Upgrade eligibility has changed in version 26.1. Contact VeraLab Support to confirm the correct upgrade path for your installation.

## Before You Install License Patrol

Perform the following tasks before installing License Patrol Client:

1. Review and satisfy applicable system and component requirements in Chapter 1, “Preinstallation Requirements”.
2. Log on as a member of the Administrators group to the computer on which to install License Patrol Client components.

## Downloading License Patrol Software from the Web Site

To download the installation files:

1. Use any browser to access the software download page:
   `http://www.veralab.com/veralab/downloads.jsp`
2. Select a file system with enough free space to store and expand the files. On the file system that you just selected, create a temporary directory. You can also download to a desktop.
3. Download the image file (DMG) to the desktop or a directory that you just created.
4. Mount the disk image into the machine by double-clicking the file.

> **Note** Starting with version 26.1, License Patrol installers and client binaries are signed with a modernized code-signing certificate. When prompted by macOS, verify that the publisher is VeraLab Inc. If an older cached installer produces a publisher warning, download the current installer from the Web site.

## Installing the License Patrol Client Software

Once LicensePatrolClient.dmg file has been downloaded and mounted, perform the steps in below order:

1. In the open Installer window double-click on the **Install License Patrol**.
2. Click **Continue** in the ***Introduction*** screen.
3. Review Software License Agreement and click **Continue** button. Click **Agree** button to accept license terms.
4. Current version supports only standard installation type with all defaults. Click **Install** button to continue with the installation.
5. Enter username and password for the account with Administrator’s privileges.
6. Once installation of files is completed you will see ***License Patrol Settings*** window. Enter License Patrol Server IP Address and Connection Password.
7. Click **Test Connection** to verify you can connect to License Patrol server successfully.

8. Click **Apply Settings** to finish. You can click on Daemon icon to verify that client process has been started successfully.
9. Close License Patrol manager window.

> **Note** The computer model is detected and reported automatically starting with version 26.1; models are no longer created or maintained manually on the server.

## Using License Patrol

License Patrol client runs as a background process. The only way it interacts with a user is when a user tries to run a program while number of licenses is exceeded. In such situation a user will see a warning message on the screen and the program will close automatically.

> **Note** For more information, refer to *Administrator's Guide*.

## Uninstalling License Patrol Components and Services

To uninstall License Patrol Mac Client and all its components:

1. Log on as a member of the Administrators group to the computer on which you installed License Patrol Mac Client components.
2. Run the following:

```
sudo "/Library/Application Support/License Patrol/uninstall.sh"
```

# 3 Postinstallation Configuration

This chapter guides you through the License Patrol Mac Client postinstallation procedures. This chapter covers the following topics:


- Reviewing Installed Components
- Using License Patrol Manager
- Using Client Firewall

## Reviewing Installed Components

License Patrol Mac Client installs and configures the following macOS Daemons:

- License Patrol Daemon
- License Patrol Agent

This daemon process is configured for Automatic Startup Type.

In order for License Patrol to function properly, you have to ensure the following:

- Client IP address is entered on the License Patrol Server. To verify that the workstation exists on the server and has a correct IP address, login to the License Patrol web application, go to **Setup → Stations** → Select a Room and find the workstation in the list.
- Every time client boots up, it obtains the same host name or IP. Default behavior is set to recognize clients using their host names. Optionally you can change this setting to use client IP addresses.

> **Note** Starting with version 26.1, stations are additionally identified by a unique Device ID generated at client registration. Device ID makes station identification more reliable than host name or MAC address alone, especially when machines are re-imaged or renamed.

## Using License Patrol Manager

License Patrol Manager allows you to modify client settings without reinstalling License Patrol Client. To run License Patrol Manager:

1. Log on as a member of the Administrators group to the computer on which you installed License Patrol Mac Client components.
2. Go to the **Applications** directory and run **License Patrol**.
3. Modify settings and click **Apply Settings**.
4. Close the License Patrol window to exit.

## Using Client Firewall

If you are using a firewall software on the client, you will need to 'train' the firewall or define port exceptions in order to enable connections with License Patrol Server.

To verify that you can get list of processes from the client, log in to License Patrol Server, go to **Track Software → Current Status →** Select a Room from the drop-down menu → click on the **Processes** icon. If the pop-up window displays a client's list of processes, then the client's firewall allows the connection from the server. If you get an error message, you may want to refer to your firewall software manual.