

# What's New in VeraLab 26.1

Release Date: July 1, 2026

This document outlines the key enhancements, updates, fixes, and technology improvements introduced in VeraLab 26.1.

Separate release notes were not published for the interim 9.5.1, 9.5.2, and 9.5.3 updates. To give you a complete picture since 9.5.0, this document also includes the enhancements and fixes delivered in those releases.

## Enhancements & Updates

VeraLab 26.1 introduces a new version naming scheme, refreshed platform technology, and a major refresh of the VeraLab client.

- **New Version Numbering** — VeraLab now uses a year-based version number. This release, 26.1, is the first VeraLab release of 2026, making it easy to tell at a glance how current your installation is.
- **Upgrade Eligibility** — To upgrade to VeraLab 26.1 and later, your organization needs an active Extended Support agreement. If your Extended Support has lapsed, please renew it before upgrading. Contact [sales@veralab.com](mailto:sales@veralab.com) if you are unsure of your current status.
- **Excel (.xlsx) Data Import** — The Import Data tool now accepts Microsoft Excel (.xlsx) files in addition to the previously supported formats, making it easier to bring existing data into VeraLab.
- **Excel (.xlsx) Report Export** — Reports now generate in Microsoft Excel (.xlsx) format, so results are ready to filter, sort, and share in Excel right away.
- **Active-Only Filter for Payroll Reports** — The Summary and Detailed Payroll reports now include a checkbox to show all users or only currently active ones, so you can focus on your present staff without sifting through inactive accounts.
- **Audit Log Export** — The Audit Log can now be exported to CSV or Excel, making it simple to archive activity records or share them with your security and compliance tools for review.
- **Comments on Inventory Transactions** — You can now add comments to inventory transactions, making it easy to record context and keep a clear history of changes.

The screenshot shows the VeraLab web application interface. At the top is a dark navigation bar with the VeraLab logo, user information (Welcome, Admin), and dropdown menus for Department and Site Level. Below this is a blue navigation bar with links: Setup, Shift Board, Lab Control, Manager Board (highlighted), Licenses, Reports, Issues, Student Portal, and a partially visible 'B'. The main content area has a title 'Take Paper for printers from Basement Storage storage'. It contains a form with three fields: 'Number of items available' with a value of 19, 'Number of items to take' with a value of 3, and a 'Comment' text area containing 'For library printers'. At the bottom of the form are 'Submit' and 'Cancel' buttons. A footer bar at the very bottom reads '© VeraLab Inc., 2003-2026 | Enterprise Edition'.

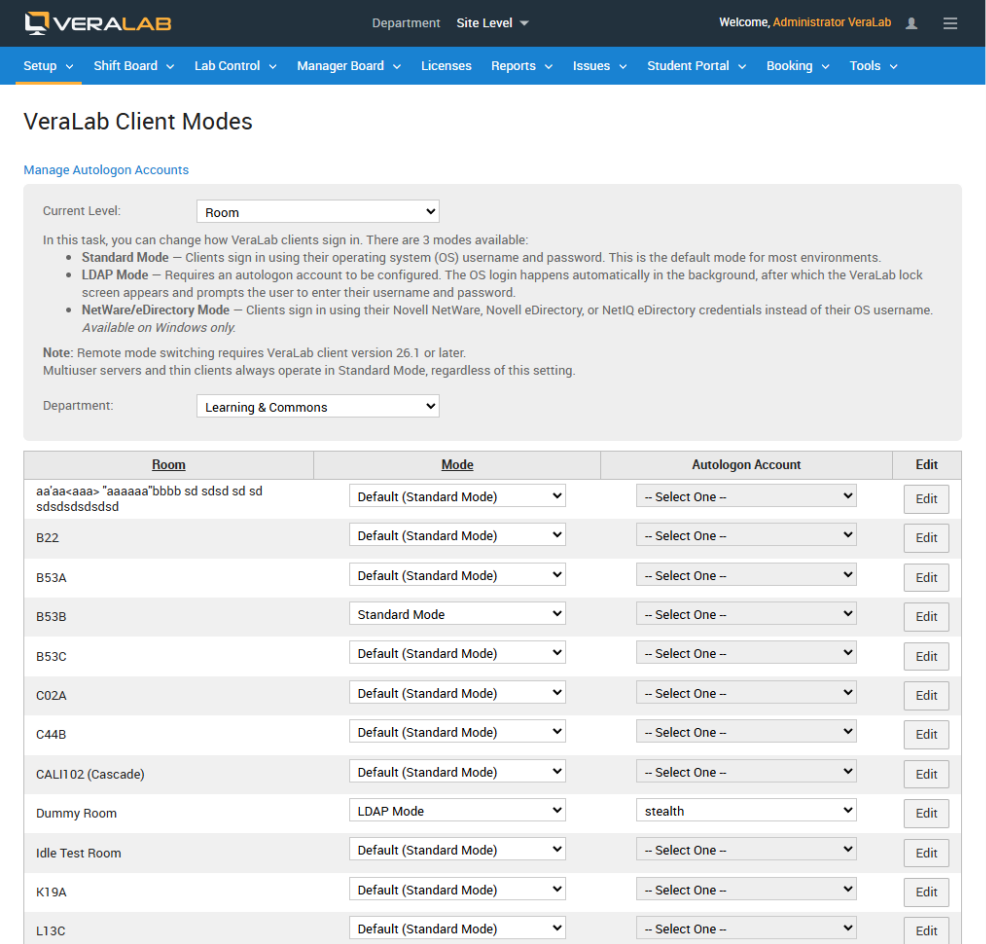
*Adding a comment to an inventory transaction.*

- **Faster Installation, Startup & Redeployment** — Installing, starting, and redeploying VeraLab is now faster, and restarts are cleaner. On Windows, application files are no longer locked after the server stops, so updates and restarts complete more reliably.
- **Modernized Code Signing** — VeraLab application components are now signed using Azure Artifact Signing, maintaining the trust and integrity of the software you install.

## VeraLab Client Enhancements

This release delivers the biggest update to the VeraLab client in some time: a single unified client, sign-in modes managed centrally from the server, automatic workstation identification, and macOS auto-login.

- **Single Unified Client** — There is no longer a separate Standard, LDAP, or Novell client. One installer now covers them all. You no longer choose a client type when installing — how each workstation signs in is controlled from the server. Any custom-built clients you use today continue to work as before.
- **Server-Controlled Client Modes** — A new Client Modes task (Setup → VeraLab Client Modes) lets you set how clients sign in — per room or department — directly from the server. Three modes are available:
  - **Standard Mode** — Clients sign in with their operating system username and password. This is the default for most environments.
  - **LDAP Mode** — An autologon account signs the workstation in automatically, then the VeraLab lock screen prompts the user for their own username and password.
  - **NetWare / eDirectory Mode** — Clients sign in with Novell NetWare, Novell eDirectory, or NetIQ eDirectory credentials. Available on Windows only.



**VeraLab Client Modes**

Manage Autologon Accounts

Current Level: **Room**

In this task, you can change how VeraLab clients sign in. There are 3 modes available:

- Standard Mode** – Clients sign in using their operating system (OS) username and password. This is the default mode for most environments.
- LDAP Mode** – Requires an autologon account to be configured. The OS login happens automatically in the background, after which the VeraLab lock screen appears and prompts the user to enter their username and password.
- NetWare/eDirectory Mode** – Clients sign in using their Novell NetWare, Novell eDirectory, or NetIQ eDirectory credentials instead of their OS username. Available on Windows only.

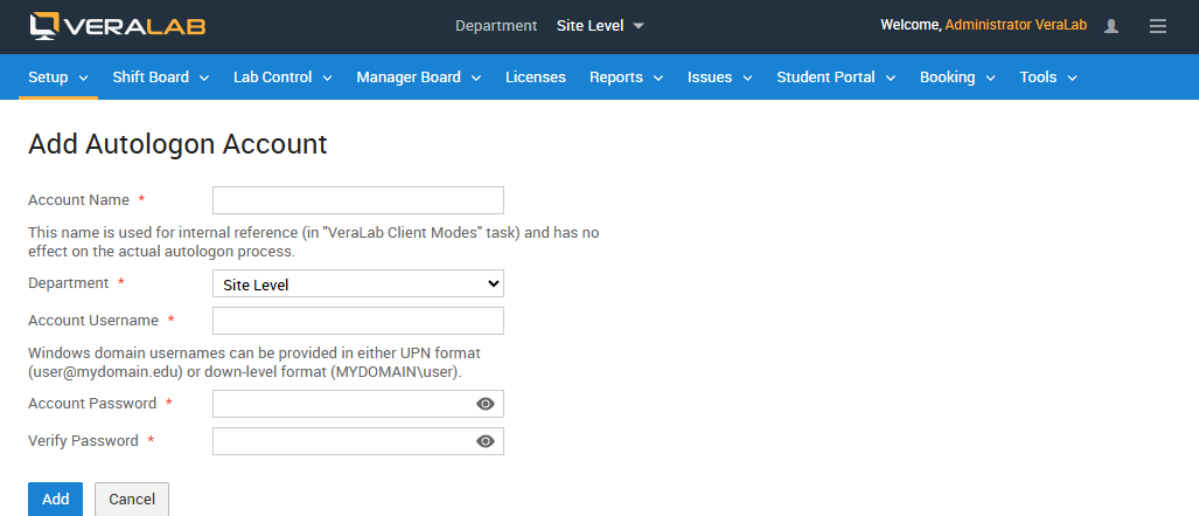
Note: Remote mode switching requires VeraLab client version 26.1 or later.  
Multiuser servers and thin clients always operate in Standard Mode, regardless of this setting.

Department: **Learning & Commons**

| Room                                           | Mode                    | Autologon Account | Edit |
|------------------------------------------------|-------------------------|-------------------|------|
| aa'aa<aaa>"aaaaa"bbbb sd sdsd sd sd sdsdsdsdsd | Default (Standard Mode) | -- Select One --  | Edit |
| B22                                            | Default (Standard Mode) | -- Select One --  | Edit |
| B53A                                           | Default (Standard Mode) | -- Select One --  | Edit |
| B53B                                           | Standard Mode           | -- Select One --  | Edit |
| B53C                                           | Default (Standard Mode) | -- Select One --  | Edit |
| C02A                                           | Default (Standard Mode) | -- Select One --  | Edit |
| C44B                                           | Default (Standard Mode) | -- Select One --  | Edit |
| CAL1102 (Cascade)                              | Default (Standard Mode) | -- Select One --  | Edit |
| Dummy Room                                     | LDAP Mode               | stealth           | Edit |
| Idle Test Room                                 | Default (Standard Mode) | -- Select One --  | Edit |
| K19A                                           | Default (Standard Mode) | -- Select One --  | Edit |
| L13C                                           | Default (Standard Mode) | -- Select One --  | Edit |

The new VeraLab Client Modes task — set each room's sign-in mode and autologon account from the server.

- **Autologon Accounts** — A new Autologon Accounts subtask lets you create and manage the accounts used by LDAP Mode. Usernames can be entered in UPN format (user@mydomain.edu) or down-level format (MYDOMAIN\user).



**Add Autologon Account**

Account Name \*

This name is used for internal reference (in "VeraLab Client Modes" task) and has no effect on the actual autologon process.

Department \* **Site Level**

Account Username \*

Windows domain usernames can be provided in either UPN format (user@mydomain.edu) or down-level format (MYDOMAIN\user).

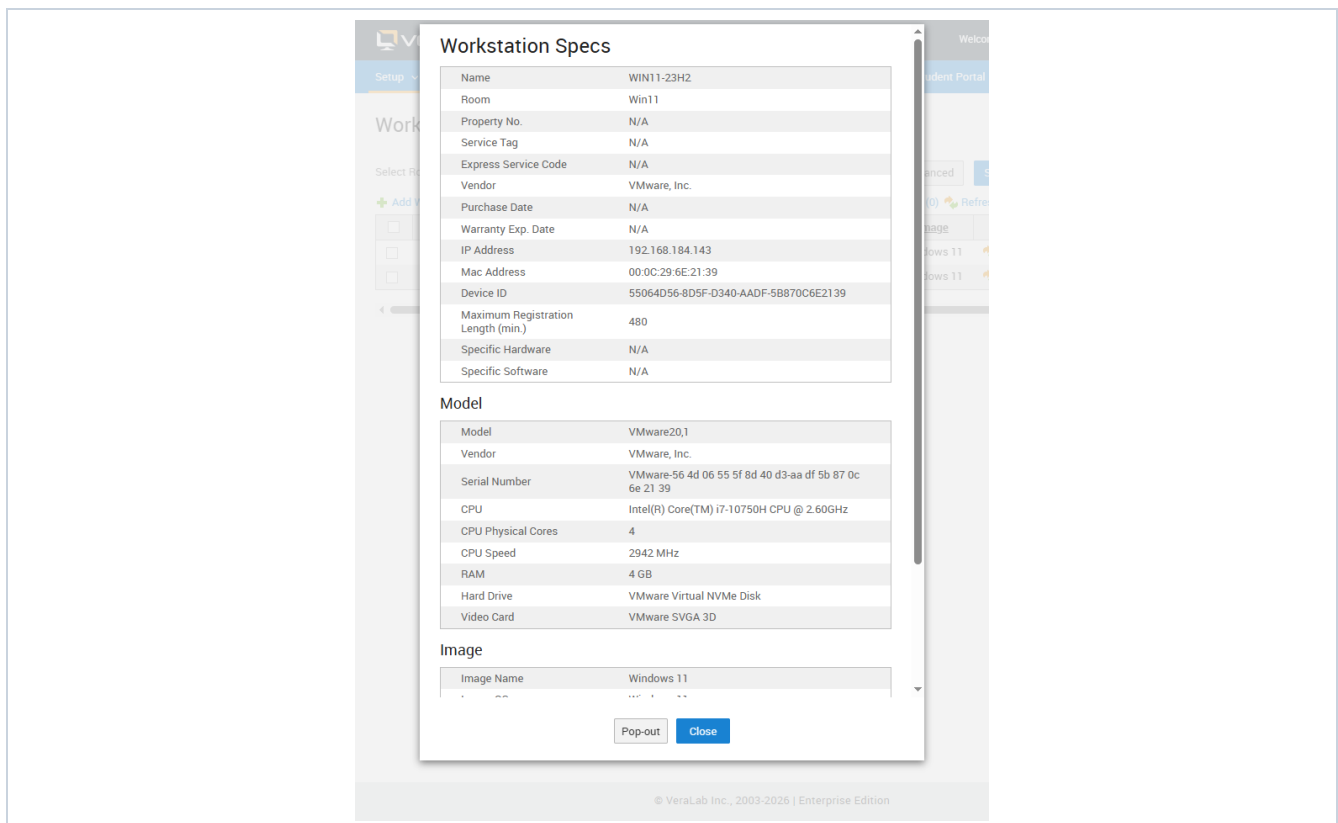
Account Password \*

Verify Password \*

**Add** **Cancel**

Adding an autologon account for use with LDAP Mode.

- **Instant Mode Switching — No Reinstall or Restart** — Changing a client's mode takes effect without reinstalling or restarting the client. Sign-in-related changes (such as the lock screen) apply at the next login, as expected. Note: if a client is switched out of LDAP Mode and no new login has occurred, the client will sign the current session out.
- **macOS Auto-Login Support** — Auto-login can now be configured on macOS as well as Windows. On macOS, auto-login applies after startup or reboot; unlike Windows, it cannot be triggered after a user logs out.
- **Connection Test Shows the Active Mode** — Running a Test Connection now shows the mode the client received from the server, so you can quickly confirm that a room is configured the way you intended.
- **Smarter Station Identification** — VeraLab now recognizes each workstation automatically using a unique Device ID. Stations stay correctly matched even after they are renamed or their hardware changes, so you spend less time fixing mismatched records.
- **Automatic Computer Model Detection** — You no longer need to choose a workstation's model by hand in VeraLab. The client now reports its own model automatically, keeping your inventory accurate with no ongoing manual upkeep.



Workstation Specs showing the auto-detected Device ID and computer model.

- **On-Demand Client Refresh** — A new command lets you ask your clients to report their latest details — Device ID and model — straight from the server, so your records can be brought up to date whenever you need.

- **Centrally Managed Unlock Passwords** — Workstation unlock passwords can now be set directly from the VeraLab server, making it simpler to manage them consistently across your labs.

The system will perform selected action from "Idle Timeout Action" setting if there is no activity within the setting timeframe. To disable the feature, leave this field blank.

**Idle Timeout Action**  
This setting works together with Idle Timeout setting if it is enabled. The system will perform selected action when client session exceeds idle timeout threshold. Logout

**Lock on Network Outage**  
Client workstations are automatically locked during network outage. False

**Locking Mode**  
Defines whether workstations are unlocked/locked automatically during sign-in/out process. Liberal

**Network Outage Timeout (seconds)**  
Interval of time before client decides that there is a network outage. 100

**Permit Launch of Metered Applications on Network Outage**  
Permits using licensed/metered software during network outage. True

**Screen Unlock Password**  
You can change client-side "screen unlock" password remotely. This is supported in client versions 26.1 or higher. Older client versions support only locally configured "unlock password". \*\*\*\*\*

**Server Connect Password**  
\*\*\*\*\*

**Use Websockets (true/false)**  
Please contact support@veralab.com before enabling it. True

**Websocket Connection Timeout (seconds)**  
Please contact support@veralab.com before changing it. 5

[Click Here to Logoff](#) Button Settings

Update Settings Cancel

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*Setting the screen unlock password centrally in Guard Settings.*

**Lock on Network Outage** Default (No)

**Permit Launch of Metered Applications on Network Outage** Default (Yes)

☐ Maintenance Mode  
When enabled, Maintenance mode locks computer screens upon reboot or after logout from current user session. Active sessions are not interrupted by Maintenance mode. Lab Assistants can unlock stations after completing and acknowledging cleanup from the Monitoring or Diagnostics screen.

**Idle Timeout (minutes)**  
The system will perform selected action from "Idle Timeout Action" setting if there is no activity within the setting timeframe. To disable, leave this field blank. Selecting "default" option makes this setting values inherited from Site Level.  
☒ Default - disabled  
☐ minute(s)

**Idle Timeout Action**  
This setting works together with Idle Timeout setting if it is enabled. The system will perform selected action when client session exceeds idle timeout threshold. Selecting "default" option makes this setting values inherited from Site Level. Default (Logout)

**Screen Unlock Password**  
You can change client-side "screen unlock" password remotely. This is supported in client versions 26.1 or higher. Older client versions support only locally configured "unlock password".  
☐ Default (from Guard Settings)  
☒ \*\*\*\*\*

**"Click Here to Logoff" Button Settings**  
These settings are for managing the "Click Here to Logoff" button, that provides a quick and secure way for students to log off the system. You can customize its look and feel, both globally and for individual rooms. Centralized management of the "Click Here to Logoff" buttons requires VeraLab client version 9.3 or higher. Changes to these settings will only apply the next time a student logs in.

**Idle Session Pop-up Warning Timeout (minutes)**  
A warning pop-up window will be displayed after the specified time period (min). Leaving this field blank will disable warning pop-ups. Selecting "default" option makes this setting values inherited from Site Level.  
☒ Default - 1 minute(s)  
☐ minute(s)

**Use global settings**  
Enabled for LDAP-clients only  
Vertical Position: Bottom  
Horizontal Position: Center  
Button Text Color: ff0000  
Button Color: 00d6cd  
Button Click Action: Logout

Edit

Update Cancel

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*Per-room override — inherit the Guard Settings password or set a custom one.*

- **Strengthened macOS Client Security** — The macOS client includes behind-the-scenes security improvements that further protect your managed workstations.

**Please note:** Server-controlled mode switching requires VeraLab client version 26.1 or later, so plan to update the VeraLab Guard Client on your workstations as part of your upgrade to 26.1. Multiuser servers and thin clients always operate in Standard Mode, regardless of the configured mode.

**Deep Freeze and similar tools:** The Windows client stores its current mode in the Windows registry. If you use Deep Freeze or a comparable freeze/restore product, make sure it allows writes to the VeraLab registry branch and does not revert it, so mode changes persist. The macOS client stores its mode in a file within its own application folder.

## Technology Stack Updates

VeraLab 26.1 includes updates to the following embedded platform technologies and dependencies.

| Component             | Version / Notes                                    |
|-----------------------|----------------------------------------------------|
| Apache Tomcat         | 11.0.23                                            |
| Embedded Java Runtime | JDK 25 (LTS)                                       |
| Database              | PostgreSQL 18                                      |
| Library Dependencies  | Updated and streamlined across platform components |

## Bug Fixes

This release also resolves issues identified in earlier VeraLab releases.

- **Banner Synchronization** — Resolved an issue that could cause errors when synchronizing data with Banner.
- **Monthly Usage Stats by Computer Room Report** — Corrected an error that produced inaccurate results for December in this report.

## Support & Feedback

**Need assistance or have feedback?** Please contact the VeraLab Support Team at [support@veralab.com](mailto:support@veralab.com).

*Thank you for using VeraLab and for helping us improve the platform through your feedback.*