

# What is New in VeraLab 8.8.0

**Release Date: 14-March-2022.**

*If you are upgrading from a version prior to 8.0.1, please review previous 8.0.1 and 8.2 Release Notes available on our News Page: <http://www.veralab.com/news.jsp>.*

## VeraLab UI Enhancements

1. PDF generator is using **Liberation** fonts to support ASCII and non-ASCII characters.
2. Ability to notify lab employees when a user from an Alert List signs in to one of client computers.  
For more information about Alert List, see details in the [User's Guide](#).

The screenshot shows the VeraLab Manager Board interface. The top navigation bar includes links for Setup, Shift Board, Lab Control, Manager Board (selected), Licenses, Reports, Issues, Student Portal, and Tools. The main content area is titled 'Edit Alert stsc999'. It features two radio buttons for selection: 'via Counter' and 'via Self-Service' (which is selected). The 'via Counter' section includes an 'ID' field with the value 'stsc999' and a checkbox for 'Reject counter check-in'. The 'via Self-Service' section includes fields for 'User name', 'Domain', and a checkbox for 'Reject self-service sign-in'. A checkbox for 'Send Email Notification' is checked and highlighted in yellow. Below this is a 'To' email field with the value 'labadmin@mycollege.edu' and a note: 'Multiple emails must be separated by comma.' At the bottom, there is an 'Alert' dropdown menu set to 'Red' and a 'Description' text area containing the text: 'this is a test. if you see this message, continue to log the person in, but notify a supervisor or operations staff immediately to address the following issue: was disruptive in lab on 8/10/12 and needs to be spoken to about lab policy and common courte'. The form concludes with 'Update' and 'Cancel' buttons.

**VERALAB**

Setup ▾ Shift Board ▾ Lab Control ▾ **Manager Board ▾** Licenses Reports Issues ▾ Student Portal ▾ Tools ▾

### Edit Alert stsc999

☐ via Counter ID: \*   
☐ Reject counter check-in

☒ via Self-Service User name \*   
Domain   
☐ Reject self-service sign-in  
☒ Send Email Notification  
To   
Multiple emails must be separated by comma.



Alert \*   
Description \* 

this is a test. if you see this message, continue to log the person in, but notify a supervisor or operations staff immediately to address the following issue: was disruptive in lab on 8/10/12 and needs to be spoken to about lab policy and common courte

3. Form validation had a major makeover to highlight all required fields selection when saving changes. Required fields will show in red until filled out or a valid selection is made.

## Edit Employee Admin

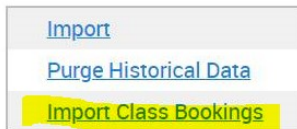
Employee type: Native

Username *	<input type="text" value="Admin"/>	<input checked="" type="checkbox"/> Active
First Name *	<input type="text"/>	Last Name *
Please provide the value for First Name!		Repeat Password *
Password *	<input type="text" value="[change password]"/>	Phone
Email *	<input type="text"/>	
Please provide the value for Email!		
Start Date	<input type="text" value="01-Jan-2000"/> 	
Skillset (max. 255 chars)	<input type="text"/>	
<input type="checkbox"/> Hourly employee, will show in payroll report		Pay Rate *
Pay Rate Effective	<input type="text"/> 	

- This version contains new tech stack components and libraries. See Tech Stack updates section below.
- WOL functionality has been updated: if **Wake on LAN Broadcast address(es)** setting is blank, then magic packets are sent to all broadcast addresses of every network adapter on the server. You can override this behavior by updating **Wake on LAN Broadcast address(es)** setting with the list of addresses to broadcast magic packets to.
- Class Bookings enhancement. Customers with Booking App module can import Class bookings in a batch mode under Tools -> Maintain Data -> Import Class Bookings. In addition, Class Bookings will show a message if a date when the room is closed is selected.



## Maintain Data



## Tech Stack Updates

VeraLab version 8.8.0 comes embedded with the following updated tech stack components.

- JDK 17.0.1
- PostgreSQL 10.20
- Tomcat 9.0.58.

Due to security vulnerabilities with log4j library, current version of VeraLab does not contain log4j library/java archive files.

The following libraries have been updated with newer versions Apache POI, itext replaced with OpenPDF, JFreeChart, BouncyCastle, PostgreSQL JDBC driver, java mail.

Updated versions of Xalan-J (fixing CVE vulnerability), Xerces (addressing several vulnerabilities), and commons-collection.

Replaced DBCP with Hikary connection pool to improve performance.

New version of client-side and server-side Installer.

## Bug Fixes

VeraLab version 8.8.0 includes minor bug fixes discovered in the previous release.

## Reporting a Bug

Found a bug? Please submit a bug to [support@veralab.com](mailto:support@veralab.com).

Thank you for using VeraLab and for taking the time to send us your feedback!