What is New in VeraLab 8.5.1

Release Date: 10-June-2019, original 8.5 release.
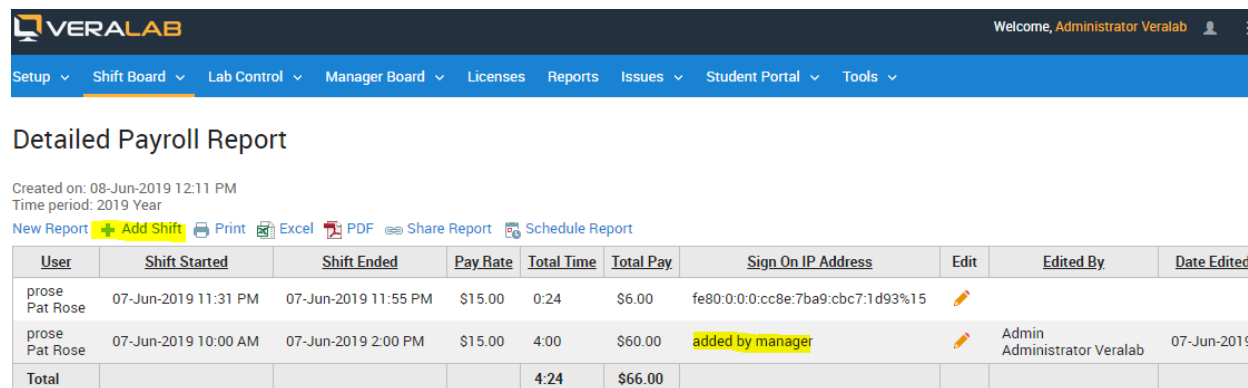
Updated on 26-June-2019 with version 8.5.1 comprising updated Tech Stack and new columns in Monthly Usage Stats report.

If you are upgrading from previous version, hit Ctrl + F5 key combination in your browser before logging into web application after the upgrade. This will force browser cache refresh. 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 Enhancements

1. Add Shift button. Login to VeraLab as a user with Manager role, navigate to **Shift Board** -> **Payroll** -> **Detailed Payroll**. Execute report for selected employee. Add a missed shift using **Add Shift** button.

2. Audit Log. Audit Log is a security relevant chronological set of records that provide documentary evidence of the sequence of activities performed using VeraLab web interfaces that have affected at any time a specific operation, procedure, or event. To view audit trail, navigate to Tools -> Audit Log as a user with Administrator role or custom role with Audit Log task added. Audit log has three additional output columns: Data A, Data B, and Data C. The output in these columns depend on the event or activity recorded in the Event column and relevant attributes pertaining to that event. E.g. If a user issues a command from the Monitoring Task to send a message to workstation(s), Data A will show target station(s) and Data B column will show actual message text broadcasted to those client stations.

Audit Log

Username		IP Address		
Keyword		Event Type	-- All --	
Start Date	07-Jun-2019	End Date	09-Jun-2019	

Search

Timestamp	Username	IP Address	Event	Data A	Data B	Data C
08-Jun-2019 12:11 PM	admin	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Login			
08-Jun-2019 12:02 PM	Admin		User Logout (Session Timeout)			
08-Jun-2019 10:50 AM	Admin	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	Delete Object	Station	WAB01S25	
08-Jun-2019 10:50 AM	admin	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Login			
08-Jun-2019 10:49 AM	prose	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Logout			
08-Jun-2019 10:49 AM	prose	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	Send Message	PLUTO	Lab is closing in 5 minutes. Please save your work.	
08-Jun-2019 10:49 AM	prose	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Login			
08-Jun-2019 12:28 AM	Admin		User Logout (Session Timeout)			
07-Jun-2019 11:55 PM	admin	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Login			
07-Jun-2019 11:55 PM	prose	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Logout			
07-Jun-2019 11:31 PM	prose	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Login			
07-Jun-2019 11:31 PM	Admin	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	User Logout			
07-Jun-2019 11:23 PM	Admin	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	Delete Object	Station	WAB53S17	

3. Alert violations can be added for Counter Sign On IDs. Added new flag "Reject Counter Check-in". Go to Manager Board -> Alert List to add an alert.

Add Alert

⦿ via Counter   ID: *   [_____]

☐ Reject counter check-in

◯ via Self-Service   User name *   [_____]

Domain   [_____]

☐ Reject self-service sign-in

4. Added First and Last Name columns in Dashboards for Online Users and Users with Open Shifts tables.

Self-Service Stats

Lab Status

Room	Vacant	Occupied	Connected	Offline	Unavailable	Total
Li2000 - DataBase Center	0	0	0	14	0	24
Li2064 - Classroom	0	0	0	15	0	16
Li3000 - Database Center	0	0	0	8	0	12

Lab Logins Statistics

Room	Today Total	Today Unique	Week Total	Week Unique
Li2000 - DataBase Center	0	0	0	0
Li2064 - Classroom	0	0	0	0
Li3000 - Database Center	0	0	0	0
Total	0	0	0	0

More Analysis...

This task will display only rooms with Self-Service Sign-in Mode. If you do not see some of your rooms, go to Administrator->Rooms-> Edit [room] and modify Sign-in mode attribute to "Self-Service".
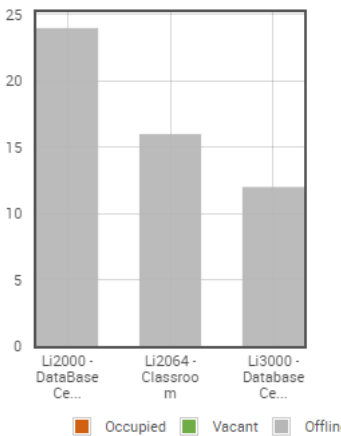
Users Currently Online

Username	First Name	Last Name	Sign On IP Address
Admin	Administrator	Veralab	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15

Users with Open Shifts

Username	First Name	Last Name	Sign On IP Address	Shift Started
prose	Pat	Rose	fe80:0:0:0:cc8e:7ba9:cbc7:1d93%15	08-Jun-2019 10:49 AM

Real-Time Occupancy by Room

4-Month Visits History
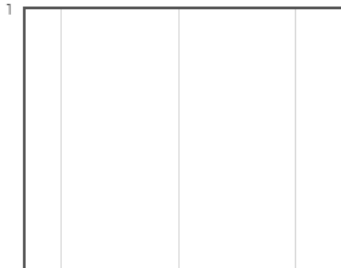
5. **Employee Administration** task has two new filters in VeraLab Enterprise Edition version allowing to filter employees by Department and by Status (active/disabled).
6. Currency symbol can be changes via new setting. Go to **Settings** -> **Report Settings** -> **Currency Symbol** to change the symbol from default **Dollar ($)** to your own locale currency.
7. Modifications to **Headcount Report** allowing to select start and end time range in filters.

Choose Room(s)

Rooms *

Li 2005 PC
Li 2005 PC II
Li 2005 Thin
Li2000 - DataBase Center
Li2064 - Classroom

Start time   12:00 AM

End time   11:30 PM

Choose output type   Table

Submit

8. Drop boxes with username attribute show First and Last Name in brackets next to a username.

Specify Search Criteria

Username *

Pick Users from the List

-- Select One -- ▼
-- Select One --
prose (Pat Rose)
user1003 (John1003 Smith)
user1021 (John1021 Smith)

Output Format for Time Total

9. Advanced search using **Pick Users from the List** brings extra convenience when searching long employee lists using just a substring in Detailed and Summary payroll tasks. This is particularly helpful when you know only first or last name or when usernames do not comprise first or last name.

Pick Users from the List

Filter: mid   [Update]   [Cancel]

☐	Username ▼	First Name	Last Name
☐	s9twd08	Steve	Middlefield

[Total 1 records, showing 1-1] (filtered from 85 total entries)   ◀ 1 ▶

10. Additional columns were added to the "Monthly Usage Stats by Computer Room" report to display room capacity and room usage ratio (%) based on room's seating capacity and used seat hours. Room must have active schedule defined to display this metrics.

VERALAB   Department   Site Level ▼

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

Monthly Usage Stats by Computer Room

Created on: 26-Jun-2019 12:49 PM

New Report Print Excel PDF Share Report Schedule Report

Capacity is calculated as total hours Room was open multiplied by number of stations in the room (Room schedule must be set and active).
Usage is **Total Seat Hours** to **Capacity Hours** ratio.

January 2019

Room	Total Visits	Unique	Reused	Ave Visits	Total Seat Hrs	Ave Visit Time (Min)	Seat count (Min - Max)	Capacity Hrs	Usage
Dummy Room	3	1	2	3.00	0.02	0.40	12		
Total	3				0.02	0.40			

Tech Stack Updates

VeraLab version 8.5 comes embedded with the following updated tech stack components.

- JDK 1.8 update 202.
- PostgreSQL 10.9, addressing latest CVE-2019-10164.
- Tomcat 8.5.42.

Bug Fixes

VeraLab version 8.5.1 includes minor bug fixes discovered in version 8.3 and interim updates released after 8.3.

Reporting a Bug

Found a bug? Please submit a bug to support@veralab.com.

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