

What is new in VeraLab 7.0

Release Date: 20-August-2015

New version of VeraLab supports Windows 10 OS. It comes packed with exciting new functionality, new reports, UI improvements, and various bug fixes. If you have custom version of VeraLab, please contact support@veralab.com to request custom binaries. If you are not on Extended Maintenance contract, please contact sales@veralab.com to get upgrade quote. Customers with no customizations and with active support contract can download latest and greatest version from our web site.

Enhancements

1. New LDAP Settings and support of multiple LDAP directories. If you have only one directory you can configure it by navigating to Tools -> Settings -> Common LDAP Settings. To add additional directories, please click on Advanced Mode button.



Setup ▾	Shift Board ▾	Lab Control ▾	Manager Board ▾	Licenses	Reports	Issues ▾	Student Portal
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Common LDAP Settings

Server URL
Use ldap://ldap_server_host:port format where ldap_server_host is your LDAP server FQDN or IP address

Search Path
Enter user Base DN. Use LDAP Data Interchange Format (LDIF) syntax for the entries, e.g. OU=People,DC=example,DC=edu

User ID Attribute
LDAP attribute that should be used to find the user and is most commonly specified as uid, cn, or sAMAccountName.

LDAP Lookup User DN
e.g. CN=lookupadmin,OU=Service Accounts,DC=example,DC=edu
or lookupadmin@example.edu for MSAD

LDAP Lookup User Password
LDAP Lookup Account will be used to search through LDAP directory accounts when authentication or other operations such as retrieving additional account attributes is required. Lookup Account must have read permissions on LDAP containers you want to search. Leave this field blank if LDAP is setup for anonymous access. When setting up connection to Microsoft Active Directory server user principal name can be used. For all other LDAP servers please use full User DN.

Advanced mode should be used when you need to maintain more than one directory for user authentication.

2. Support of special groups of native accounts when LDAP integration is used. This functionality allows using Admin and Maintenance Accounts by lab employees or short/mid/long-term guest accounts by users to bypass LDAP authentication in situations when account records do not exist in the LDAP directory or it is temporarily unreachable from the VeraLab server. You can get more details about these accounts in Administrator's Guide: <http://veralab.com/veralab/files/AdministratorsGuide.pdf>.

Short-Term Accounts Sign On Dashboard

+ [Generate New Account](#) + [Bulk Accounts Generation](#)  [View/Print Selected Records](#)

<input type="checkbox"/> <u>Account Name</u>	<u>Logon Time</u>	<u>Expiry Time</u>	<u>First Name</u>	<u>Last Name</u>	<u>Edit</u>	<u>Lock</u>
<input type="checkbox"/> guest1						Lock
<input type="checkbox"/> guest10						Lock
<input type="checkbox"/> guest2						Lock
<input type="checkbox"/> guest3						Lock
<input type="checkbox"/> guest4						Lock
<input type="checkbox"/> guest5						Lock
<input type="checkbox"/> guest6						Lock
<input type="checkbox"/> guest7						Lock
<input type="checkbox"/> guest8						Lock
<input type="checkbox"/> guest9						Lock

3. Headcount Report. This new report allows viewing lab usage (headcount) across rooms. It is important to note that data for this report will start gathering only after upgrade, in other words, it will not display historical data for prior to upgrade time periods. The report will show average and maximum headcounts as well as average occupancy to total room occupancy percentage during selected time period.

All Reports

Show descriptions

VeraLab Business Intelligence

- [Usage Trends and Seat Hours](#)
- [Monthly Usage Stats by Computer Room](#)
- [Login Statistics and Time Average by Station](#)
- [YTD Usage Stats with Totals](#)

Payroll Reports

- [Detailed Payroll](#)
- [Summary Payroll](#)

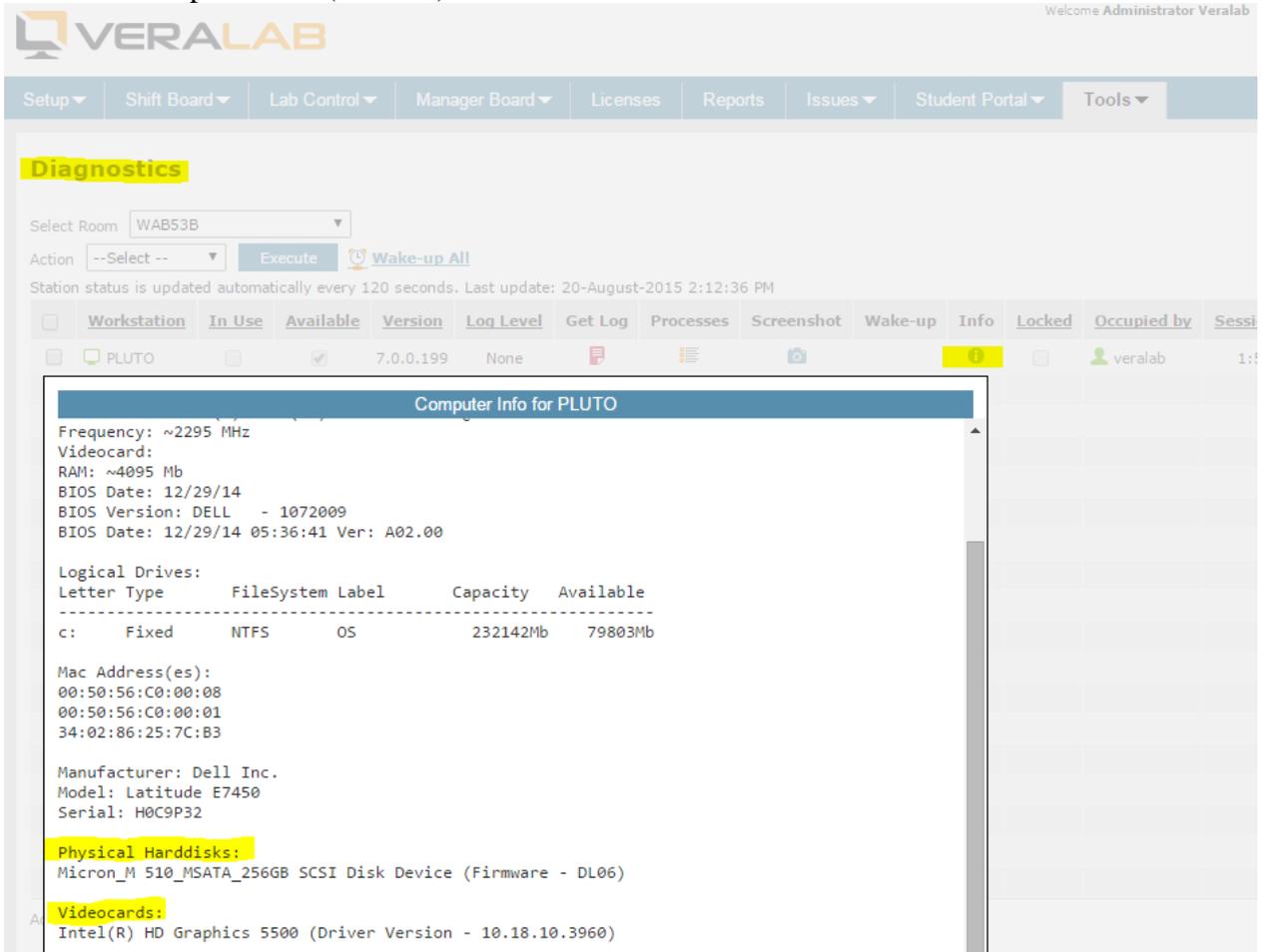
Users Reports

- [Users of Role](#)

Usage Statistics Reports

- [Search Counter Registrations](#)
- [Counter Registrations Report](#)
- [Waitlist Reports](#)
- [Lab Registrations Statistics](#)
- [Search Self-Service Logins](#)
- [Self-Service Logins Report](#)
- [Lab Usage by Workstation Report](#)
- [Lab Logins Statistics Report](#)
- [Usage Statistics Grouped by User](#)
- [Headcount Report](#)

- Ability to view additional information about client computers, such as physical hard disks firmware and videocards drivers. You can find these details under Tools -> Diagnostics -> Computer Info (“i” icon).



The screenshot shows the Veralab web interface. At the top, there's a navigation bar with menus like Setup, Shift Board, Lab Control, Manager Board, Licenses, Reports, Issues, Student Portal, and Tools. The 'Diagnostics' section is highlighted in yellow. Below it, there's a 'Select Room' dropdown set to 'WAB53B' and an 'Action' dropdown set to '--Select--'. A table lists workstation status with columns: Workstation, In Use, Available, Version, Log Level, Get Log, Processes, Screenshot, Wake-up, Info, Locked, Occupied by, and Session. The workstation 'PLUTO' is selected, and its 'Info' icon is highlighted in yellow. A pop-up window titled 'Computer Info for PLUTO' is open, displaying the following details:

```

Frequency: ~2295 MHz
Videocard:
RAM: ~4095 Mb
BIOS Date: 12/29/14
BIOS Version: DELL - 1072009
BIOS Date: 12/29/14 05:36:41 Ver: A02.00

Logical Drives:
Letter Type      FileSystem Label      Capacity  Available
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c:      Fixed      NTFS      OS      232142Mb  79803Mb

Mac Address(es):
00:50:56:C0:00:08
00:50:56:C0:00:01
34:02:86:25:7C:B3

Manufacturer: Dell Inc.
Model: Latitude E7450
Serial: H0C9P32

Physical Harddisks:
Micron_M 510_MSATA_256GB SCSI Disk Device (Firmware - DL06)

Videocards:
Intel(R) HD Graphics 5500 (Driver Version - 10.18.10.3960)
  
```

- Number of “in use” license on the License Administration page is now refreshed using AJAX technology (no need to manually refresh the page). You can also terminate monitored applications by invoking a pop-up window and clicking “Terminate Selected” button.

Welcome Administrator

VERALAB

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

License Administration

[+ Add License](#)

Product	Threshold	In Use Licenses	Active	Platform	Price per Seat	Total License Cost	Edit	Delete
Acrobat® Distiller®	1000	0	Yes	Windows				
Adobe Illustrator	10	0	Yes	Windows				
Adobe Photoshop	20	0	Yes	Windows				
Adobe Reader XI	1000	0	Yes	Windows				
Internet Explorer	1000	1	Yes	Windows				
Microsoft Project for Windows	1000	0						
Novell Terminal Pro	1000	0						
Personal Gems UI Components	1000	0						
QuickTime Player	1000	0						
SPSS	1000	0						
TextPad	500	1						

In Use Licenses of TextPad

<input type="checkbox"/> Workstation	Platform	Room
<input type="checkbox"/> PLUTO	Windows	WAB53B

Terminate Selected

6. Optimized client-server communication, specifically for monitoring application usage on client workstations.
7. Accessibility support on Student Portal as well as text-only version of LiveMaps.

Real-Time Lab Usage

Last update time: 20-August-2015 2:34 PM

Room	Vacant	Not Connected	Total	Sign-in Mode	Schedule	LiveMap
Li 2005 PC	74	0	74	Counter sign-in		

Li 2005 PC LiveMap - Google Chrome

pluto:8080/veralab/StudentPortalAction.do?action_command=edit_command&object_id=1005&text_mode=1

Li 2005 PC LiveMap

Station status is updated automatically every 15 seconds. Last update: 20-August-2015 2:34:24 PM

Station	Status	Image	Model	Operating system
Li2005-LC001	Vacant	Dell Optiplex GX280	Dell Optiplex GX280	Windows 7 Pro
Li2005-LC002	Vacant	Dell Optiplex GX280	Dell Optiplex GX280	Windows 7 Pro
Li2005-LC003	Vacant	Dell Optiplex GX280	Dell Optiplex GX280	Windows 7 Pro
Li2005-LC004	Vacant	Dell Optiplex GX280	Dell Optiplex GX280	Windows 7 Pro
Li2005-LC005	Vacant	Dell Optiplex GX280	Dell Optiplex GX280	Windows 7 Pro
Li2005-LC006	Vacant	Dell Optiplex GX280	Dell Optiplex GX280	Windows 7 Pro

8. New "Current Week" report filter.

Setup ▾ | Shift Board ▾ | Lab Control ▾ | Manager Board ▾ | Licenses | Reports

Create Headcount Report

Choose Time Period

Month

Year

Current Year

Current Week. Week starts on

Current Semester

Semester

From

9. Desktop virtualization support, e.g. vmware view (vmware horizon).
10. Full support of remote remote desktops on Windows clients.

Bug Fixes

1. Various bug fixes related to LiveMap functionality and other minor UI bugs.
2. Ability to move pop-up windows around the screen.

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!