

LabStats Deployment and Initial Setup

- 1. <u>Deploy the clients</u>
- 2. Review the Software inventory to assure target software is being tracked
- 3. Establish station groups/hierarchy
- 4. <u>Invite team as users</u>

Contact our support team if needed

LabStats Deployment - Taking it to the next level

- 1. Configure tags
 - a. Hardware
 - b. Applications
 - c. Users
- 2. Add Schedules
 - a. Open times
 - b. Class schedules
- 3. Configure advanced features
 - a. <u>Inactivity mode</u>
 - b. Host name settings

LabStats Data Two Ways



Reports (in LabStats Portal)

Quick, shareable reports for actionable insights; no additional software required.



Direct Data Access

Direct access to hardware and software usage data allows the use of powerful and flexible BI analytic tools

LabStats Reports Overview

Login Summary reports

- by User
- by Station
- by Group

Sessions reports

- **Login Sessions**
- **Active Session History**

Usage history reports

- Average
 - Logins
 - Usage by Week
 - Usage by Day
- General usage
- Peak Usage
- User

LabStats Portal Reports

Computer Usage

COMPUTER USAGE

Login Sessions

Raw login session data

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percent.	CHU-D 7597	C -C1-2022 C C5 A V	01-01-2022 (0.09-44)	3.78
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Login Summary by User

Aggregate login sessions by user (name, tag, or tag group) Constant Unprincipled to Constant Assert Assert States

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12-01-27/2 05:1	0.85	0.51		25	183
19 (4 5 25 171	6.12	48	- 4	1	
1001272128	12	3.51		- 1	101
00.015255.111	151	44.50	4	5	07
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15193031013	0.60	27/002/07	1,84	16%	177.

Login Summary by Station

Aggregate login sessions by station (name, tag, or tag group)

Paul Days	Accepting they	Validace (Notes)	Mayor Don Court	Samples!
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10/08/2020 17:5	2.9	3.24	9	
17-31-3682 11-3	184	27.60	9 2	
W-010035183	3.91	28.94		
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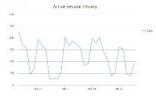
Login Summary by Group

Aggregate login sessions by station group (i.e.

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0440-2002/0	3.74	70/01	192		34
04619393	2.85	16190	3	8	14
0840123023	5.24	820.17	*	6	East
19-01-02/07 1	1.59	115		9	
08412322	2.98	2.5		- 2	
0445-208210	- nit	110000		Ŧ	239
intraeza	117	16.8		*	6
CG-C 2002 1	125	9.94	15	-11	26
15 43 9 30 1 2	110	21 (30)(2)	167	1130	26.26

Active Session History

Historical timeline displaying the number of active sessions



Average Login History

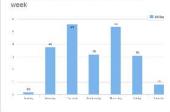


Historical timeline displaying the average number



Average Usage History by Week

Average computer usage for each day of the

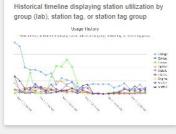


Average Usage History by Day

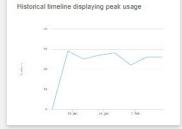
Average computer usage for each hour of the day



Usage History



Peak Usage History



Login History

Historical timeline displaying the number of logins



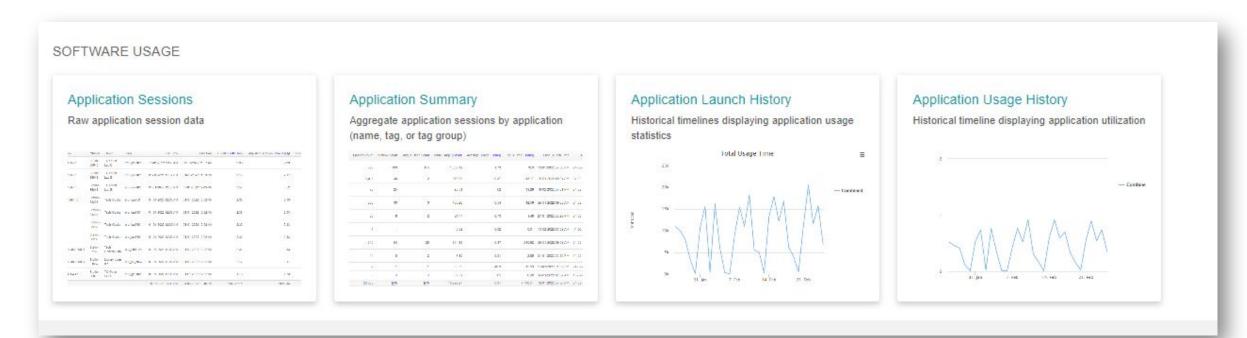
User History

Historical timeline displaying the number of unique users who logged in



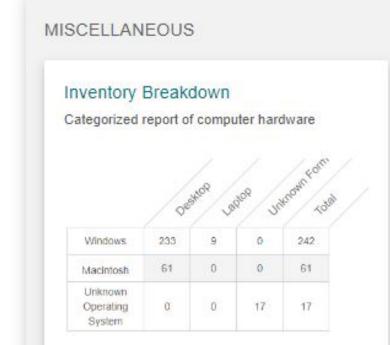
LabStats Portal Reports

Software Usage

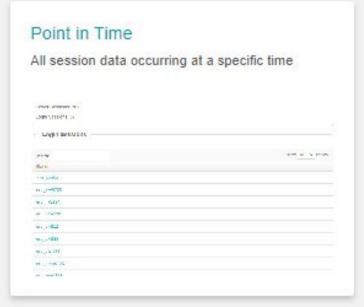


LabStats Portal Reports

Miscellaneous





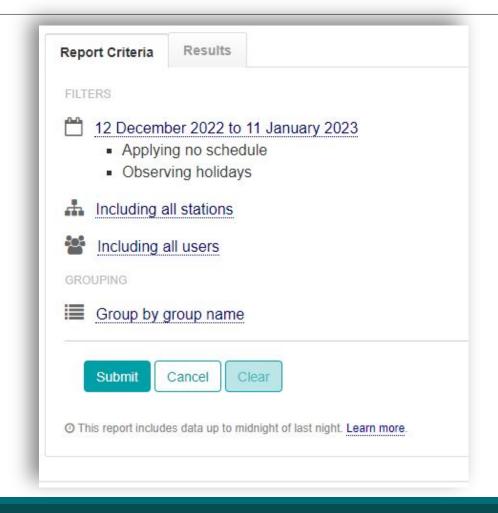


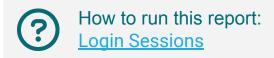
Configuration Options in LabStats Portal

Each report has configuration options to allow you to get a targeted data set.

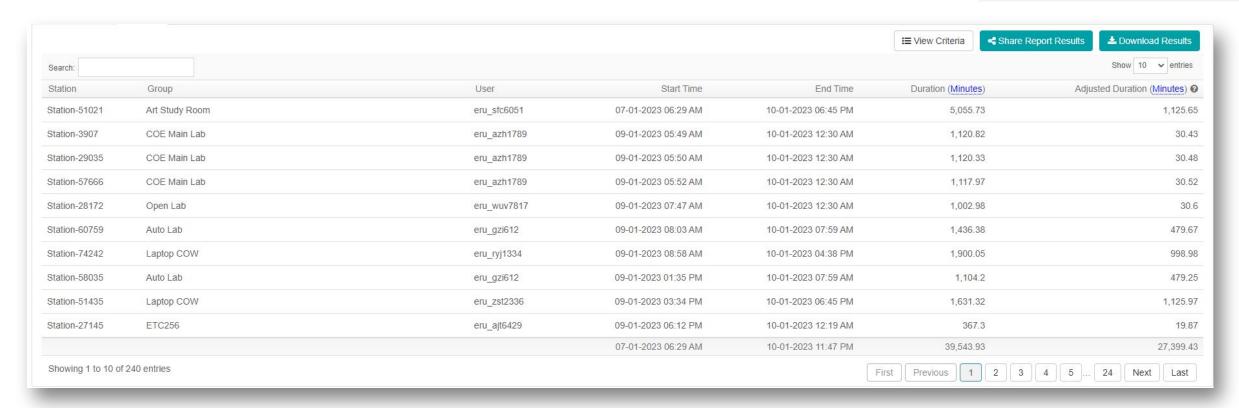
Timeframe

- Schedule
- Station group selections
- User Selections
- Options for grouping





Login Sessions



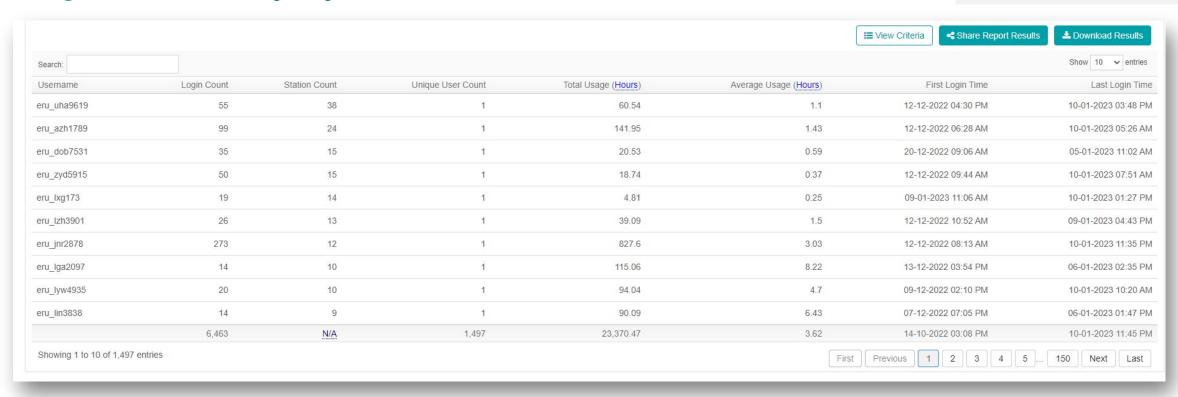
Report description:

A non-aggregated list of every single login session with the group, user, start and end time, and total duration.

- What is the raw data for logins in my location or department?
- What times are specific users logging in?



Login Summary by User



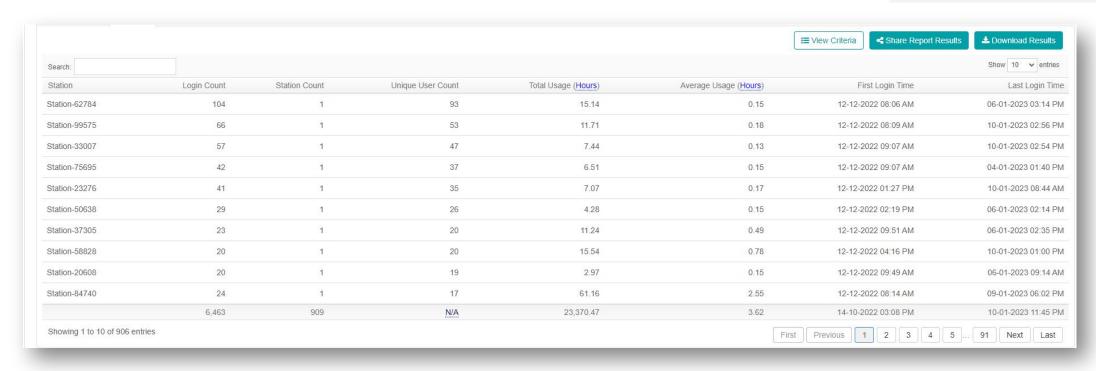
Report description:

A list of users with the number of times they've logged in, the number of stations they've used, total and average hours they've used stations and their last login time.

- Who are the most prolific users?
- Are they returning to the same stations?
- Are they quick users or settle in for longer projects?
- When was the last time they logged in?

Login Summary by Station





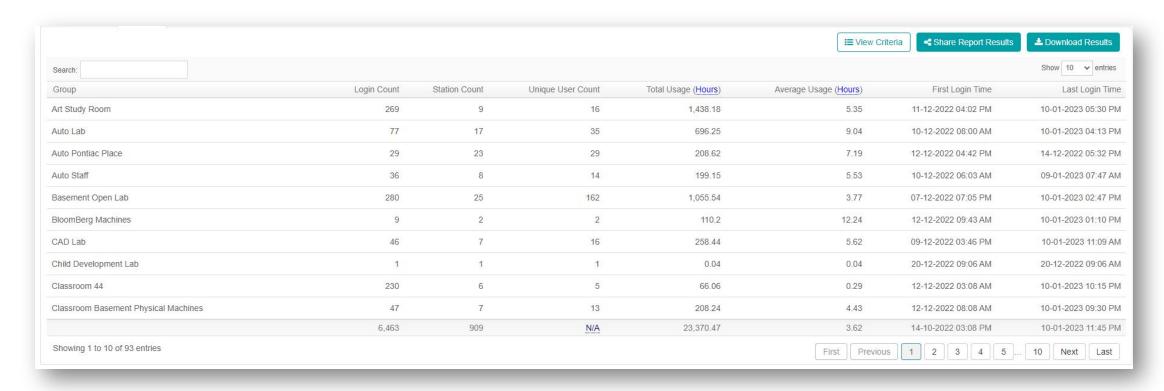
Report description:

A list of computers with the number of times they've been logged into, unique users, total usage hours and average usage hours.

- Which computers are the most frequently used?
- Which computers have the most usage time?
- Is the computer used for quick tasks or longer projects?
- Are there stations that have been unused for a while?
- Do users return to theses computers frequently or does login count equal the number of unique users?

Login Summary by Group

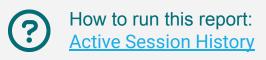




Report description:

A list of computer labs (groups) with the number of stations in each group, number of times they've been logged into, the number of unique users that have logged in, total usage time and average usage time.

- Which locations support the bulk of the logins?
- Which locations see the most users through the door?
- Which locations are quick-use vs research locations?
- How do the different locations compare on total usage?



Active Session History

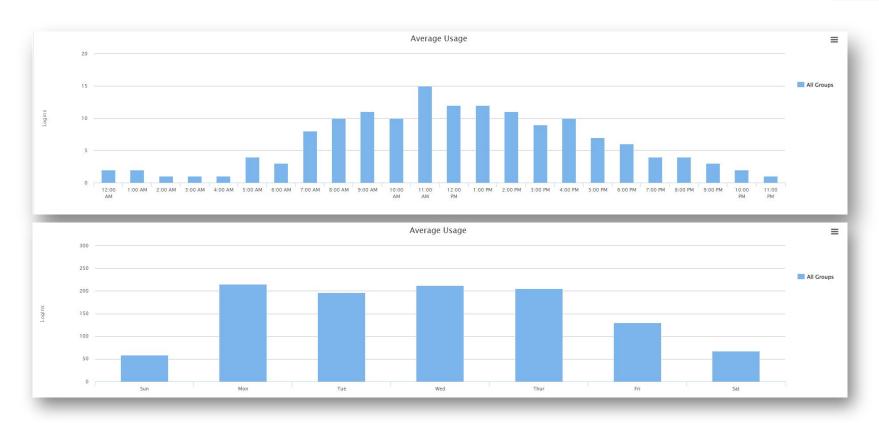


Report description:

A summary of active sessions so you can see the number of active sessions during each time frame.

- What are the trends of active sessions over time?
- How do weekends or holidays impact computer usage?

Average Login History

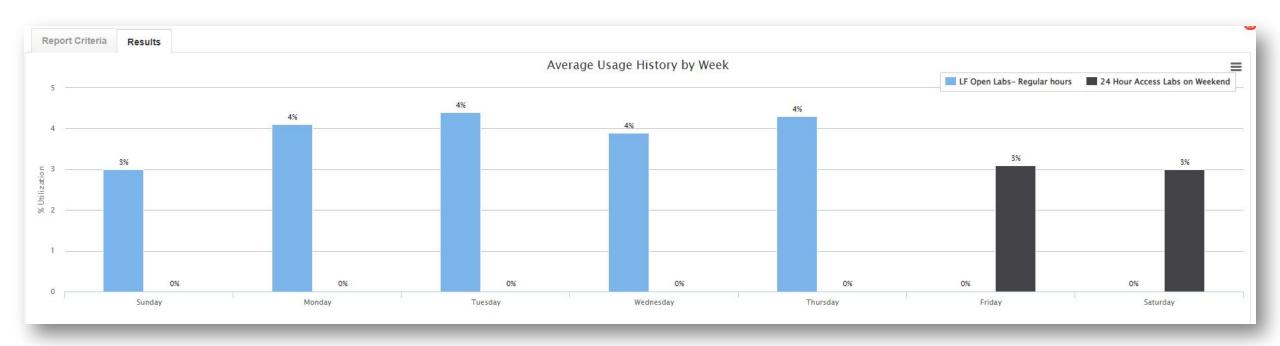


Report description:

A graph showing the average number of sessions by hour of day or day of the week. This report can help you understand traffic and which hour in the day or day of the week has the most logins.

- What is the average volume of logins on a day of the week?
- What is the average volume of logins on a specific day of the week?

Average Usage History by Week



Report description:

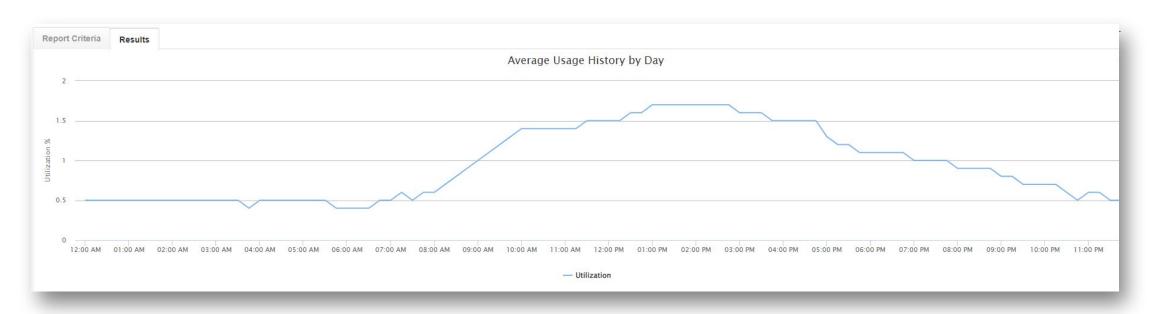
A A graph showing the average number of logins by day. This report can help you understand which day in the week has the most traffic.

Questions this report can answer:

• What days of the week are busiest?

Average Usage History by Day





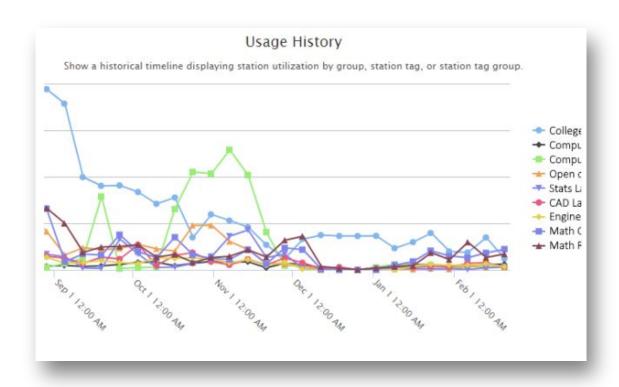
Report description:

A A graph showing the percentage of available computer time that is used. This report can help you understand what time of day that computers typically have the highest utilization.

- What times of day are busiest on average?
- Is a location sitting empty other than your on-site support staff?
- Are you kicking users out at the end of the day and there is demand for expanded hours?
- Is there a line waiting for the lab to open in the morning?
- Is the a time where staff lunches are ideal or times when you may need the location double staffed?

Usage History





Report description:

A graph showing the percentage of utilization grouped by location or other configuration options.

- How close are locations' usage to capacity?
- How do labs compare on usage to capacity?
- Is there a location that is small and very popular?
- How often are you likely to have a wait-list for an available computer?

Peak Usage History





Report description:

A graph showing the maximum number of computers that are in use simultaneously.

- What does "Rush Hour" look like?
- How many devices do you need to handle the highest user count for the semester?
- What are the usage patterns across the semester?

How to run this report: Login History

Login History

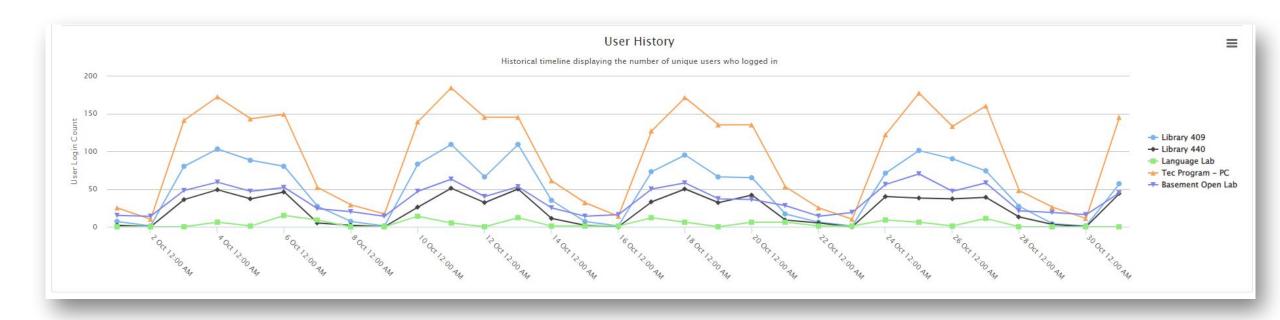


Report description:

A graph showing the number of logins by location.

- What is the login activity over time?
- Which locations carry the bulk of the login traffic?
- How do login volumes change over the semester?

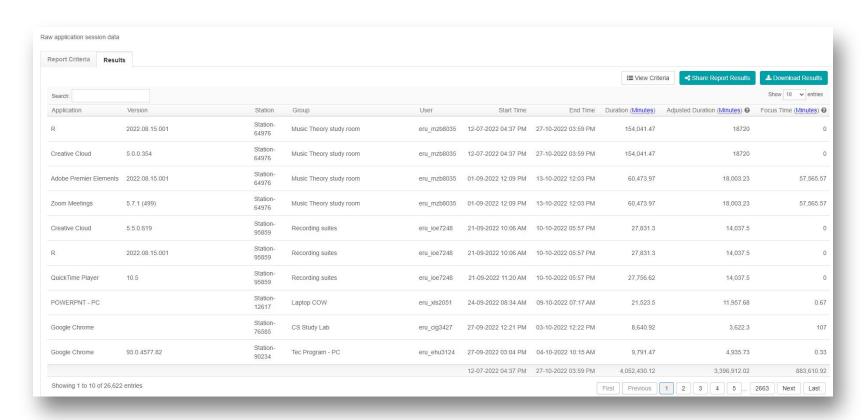
User History



Report description:

A graph showing the number of unique users who have logged in by location.

- Which locations have the broadest user base?
- Does a location have a narrow user base?



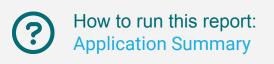
Report description:

A non-aggregated list that shows each time an application is launched and how long it is used.

Questions this report can answer:

• Get a list of all application launches for a single application or series of applications with user, station duration information.

Application Summary



Application Name	Launch Count	Station Count	Unique User Count	Total Usage (Hours)	Average Usage (Hours)	Focus Time (Hours)	First Launch Time	Last Launch Time
acad	60	22	18	133.3	2.22	34.81	27-09-2022 07:40 PM	31-10-2022 03:45 PM
ArcGIS	132	22	18	141.71	1.07	88.91	02-10-2022 11:30 PM	31-10-2022 09:46 AM
ArcGlobe	1	1	1	0.06	0.06	0.06	20-10-2022 11:09 AM	20-10-2022 11:09 AM
Google Earth	7	5	4	4.51	0.64	2.34	02-10-2022 07:07 PM	31-10-2022 11:07 AM
Mathematica	4	3	2	4.87	1.22	2.11	22-10-2022 10:40 AM	31-10-2022 09:14 AN
	204	N/A	N/A	284.45	1.39	128.23	27-09-2022 07:40 PM	31-10-2022 03:45 PM
Showing 1 to 5 of 5 entries							First Previou	s 1 Next Last

Report description:

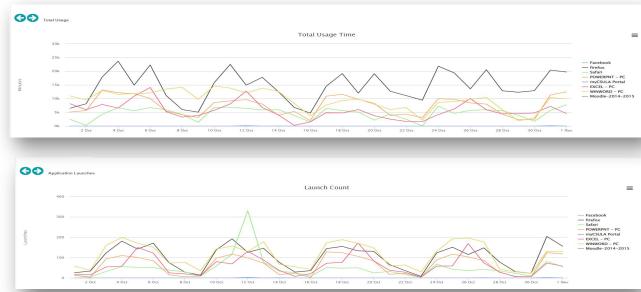
A list of application names with the number of times the application has been launched, the number of stations it's been launched on, the number of unique users, the total, average and focus times and the first and last launch time. Focus time is the amount of time the application is actively used, rather than just running in the background.

- How do applications that perform a similar task compare in their usage levels?
- How many stations is the application being used on?
- Do you have one prolific user or many users for the application?
- When an application is launched, is it being used or running in the background?
- How long has it been since this application has been launched?
- What is the adoption of new resources and use of a heritage resource?



Application Launch History

Total Usage Time | Launch Count



Report description:

This report has multiple reports in one: Total Usage, Launch Count, Average Session Length and Max Concurrent Usage (use the blue arrows to navigate).

- Are your resources heavily utilized or largely overlooked?
- Are the people deciding on deployment of resources aware of the historical usage?
- Is the use of resources that do a similar task similar or vastly different?

Average Session Length/Max Concurrent Usage



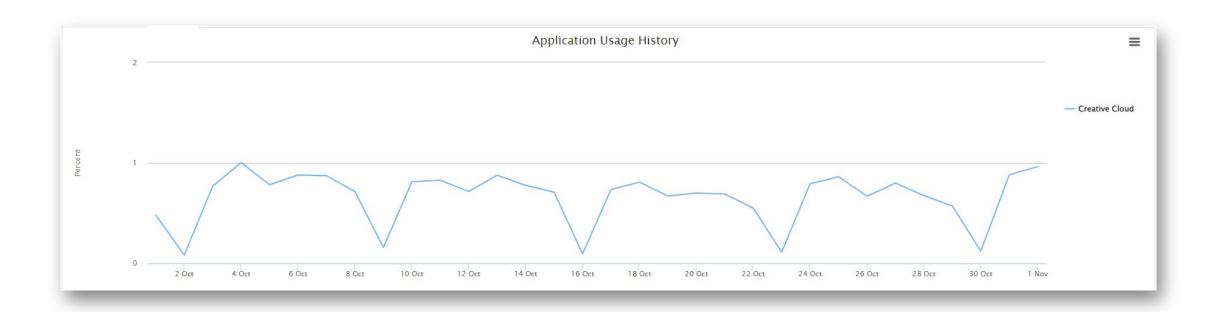


Report description:

This report has multiple reports in one: Total Usage, Launch Count, Average Session Length and Max Concurrent Usage (use the blue arrows to navigate).

- How long do users typically spend with an application?
- How many licenses do you need to meet the peak demand?
- Are you over-licensed?
- Do student lab fees provide the software that is actually required?

Application Usage History



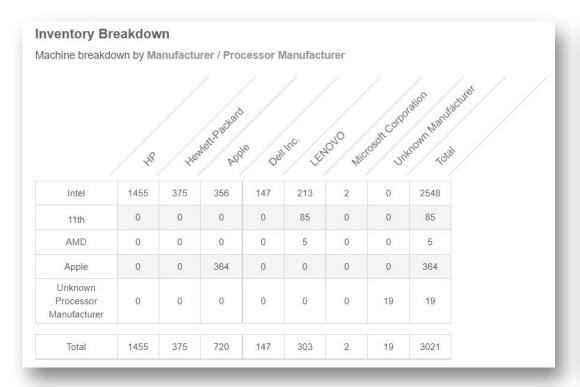
Report description:

A graph showing the utilization percentage of an application over time.

- What is the pattern of use of an application over time?
- Is it typically used early in the semester?
- Is it declining in popularity?

Inventory Breakdown





Report description:

Generate a matrix of computers based on configuration considerations.

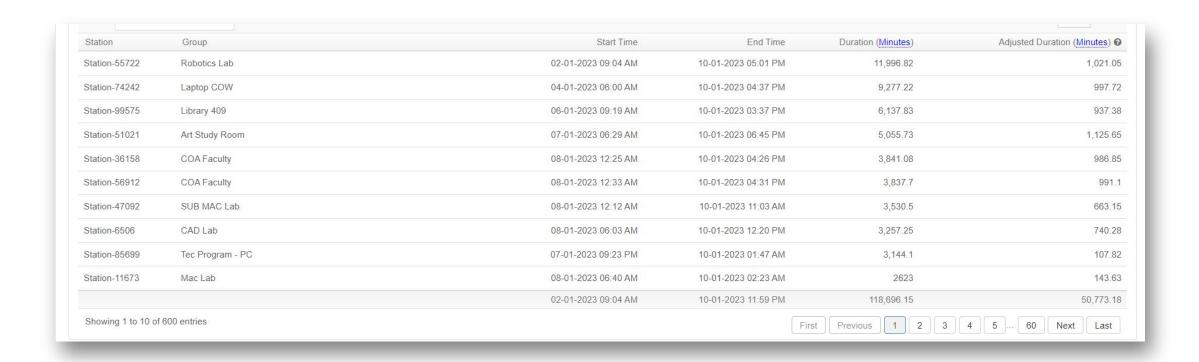
Questions this report can answer:

ntory Report Stations

Manufacturer: LENOVO
 Processor Manufacturer: 11th

• How many computers in your environment share a configuration?

Power Sessions



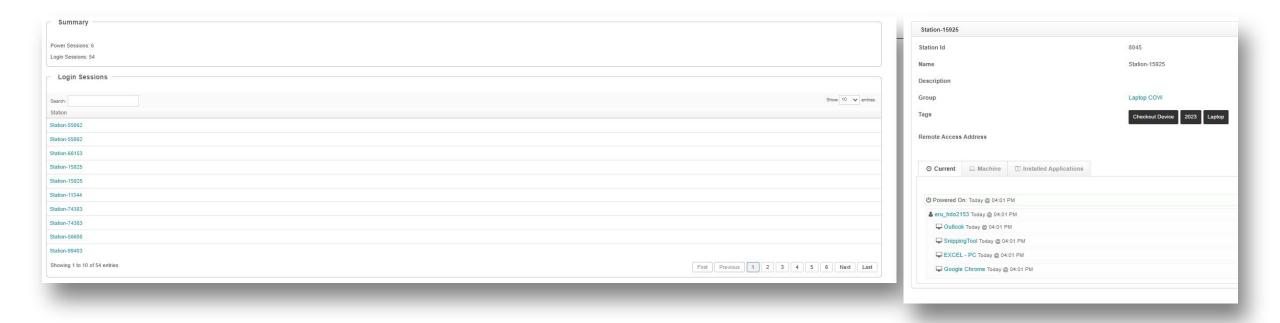
Report description:

A list of the power sessions.

- Are computers getting shut down according to your guidelines?
- Are there computers that have been on and running for days/weeks/months that need to be power cycled?



Point in Time



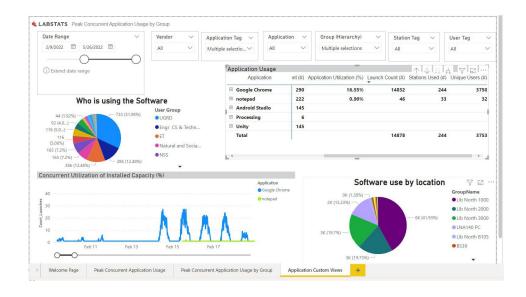
Report description:

A snapshot of all active sessions at a specific point in time

- What sessions were active at a specific point in time?
- Which computers were in use?
- Which applications that you are tracking were in use?
- Who were the users?

Data "Outside of Our Box"





LabMaps and More









Remote Access
Dashboard

LabMaps

LabFind Mobile App

LabStats API