TRIUMF PV HLA

User’s Guide

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# Introduction

## Purpose

This guide is written for general users of the TRIUMF PV HLA.

Access to application is available via <https://bit.ly/issp-triumf>.

The webpage is accessible by the public but is not intended for use by anyone other than TRIUMF personnel.

## Navigating the Guide

Ctrl + Left-Click hyperlinks within the document to navigate to the relevant section of the user guide, for example: [Home Page](#_Home_Page).

## Developers

For those working on further development of this HLA, please refer to the README.txt file provided in the working documents, hosted on the TRIUMF Git Repository (LINK HERE).

# Pages

## Home Page

This is the landing page for users who have not yet logged in to the HLA.

The home page can be seen in Figure 1.

Graphical user interface, application, website

Description automatically generated

Figure 1 Home Page

There are 3 actions possible actions on this page:

1. The TRIUMF logo at the top left of the page is a link to <https://www.triumf.ca/>
2. [Log In](#_Logging_In_1)
3. [Authors](#_Authors)

## Authors

A page crediting the creators of the TRIUMF PV HLA.

Graphical user interface, application

Description automatically generated

Figure 2 Author page

## Login

The password text box accepts the current [password](#_Password) to login to the app.

1. Enter the password
2. Press Enter, or click Login
3. If the password is correct, the user will be directed to the [Dashboard Selection Page](#_Dashboard_Selection_Page)
   1. An incorrect password will result in a redirection to the [Error Page](#_Error_Page)

## Error Page

The user is directed to this page when an incorrect password is entered on the [home page](#_Home_Page).

This page has a single link back to the home page, as seen in Figure 3 below.

Graphical user interface, text, application, chat or text message

Description automatically generated

Figure 3 Error resulting from an incorrect password

## Dashboards

### Dashboard Selection Page

Upon entering the password on the [Home Page](#_Home_Page), users will be given 3 choices, as seen in Figure 4:

1. View existing dashboard
   1. Select a dashboard from the dropdown menu
   2. Click Select to visit that [Dashboard’s View](#_Dashboard_View)
2. [Create new dashboard](#_Create_New_Dashboard)
3. Logout
   1. Clicking Logout will return the user to the [Home Page](#_Home_Page)

Graphical user interface, text, application

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Figure 4 Desktop View of Dashboard Selection page

### Create New Dashboard

On this page, the user can create a new dashboard:

1. Enter a name into the Dashboard Name
2. Click Create

Graphical user interface, text, application

Description automatically generated

Figure 5 Dashboard Creation Page

Note: Attempting to create a dashboard without a valid name will result in an error, as seen in Figure 6.

Graphical user interface, application

Description automatically generated

Figure 6 Attempt to create dashboard with empty namespace

Clicking the Back button directs back to the [Dashboard Selection Page](#_Dashboard_Selection_Page_1).

### Dashboard View

Process Variables added to the dashboard can be viewed here.

Click [Edit Dashboard](#_Editing_Dashboards) to **Add and Remove PVs** to the Dashboard.

A screenshot of a computer

Description automatically generated with medium confidence

Figure 7 Dashboard View

The Change Dashboard button leads to the [Dashboard Selection Page](#_Dashboard_Selection_Page_1).

The Logout button returns the user to the [Home Page](#_Home_Page).

The last updated time is displayed on a banner at the top of the page. This page is refreshed according to the [Refresh Rate](#_Refresh_Rate) rules, as defined by the developer.

### Edit Dashboard

This page allows the user to customize their Dashboard by adding or removing PVs.

To **add** PVs:

1. Enter the PV address into the Add New PV textbox
2. Click Add PV

A screenshot of a computer

Description automatically generated with medium confidence

Figure 8 Edit Dashboard page

To **remove** PVs:

1. Click Remove
2. A notification box will appear, click OK to remove the PV

Graphical user interface, text, application

Description automatically generated

Figure 9 PV deletion confirmation notification

The Menu dropdown button at the *top right* brings down additional options, as seen in Figure 10.

Text

Description automatically generated

Figure 10 Dashboard Menu

The Menu items are as follows:

1. Show All PVs

* Link to <https://beta.hla.triumf.ca/jaya-isac/all>

1. Change Dash

* Redirect to the [Dashboard Selection Page](#_Dashboard_Selection_Page_1)

1. Delete Dash

* Prompts a popup notification, as seen in Figure … below
* Click OK to delete the dashboard

Graphical user interface, text, application

Description automatically generated

Figure 11 Dashboard deletion confirmation notification

1. Rename Dash

* Directs to the [Rename Dashboard](#_Rename_Dashboard) page

1. Monitor PVs

* Presents the [Dashboard View](#_Dashboard_View) for the current dashboard

1. Logout

* Return to the [Home Page](#_Home_Page)

### Rename Dashboard

This page allows the user to rename the currently selected dashboard. The current dashboard is named in the URL and on the page to avoid confusion.

To **rename** a dashboard:

1. Enter a new name into the Dashboard Name textbox
2. Click Rename Dashboard

The back button takes the user back to the [Dashboard View](#_Dashboard_View) without renaming the dashboard.

Graphical user interface, text, application, chat or text message

Description automatically generated

Figure 12 Rename Dashboard

# Additional Information

## Password

The *current* password to access the HLA is: **Test**

The password should be updated periodically to ensure that cybersecurity best-practices are followed. It is the developers’ recommendation that the password be updated in no greater than 6-month intervals and be shared only with TRIUMF personnel who require access to PV readings.

The technical guide referenced in [Developers](#_Developers) provides instruction on how to change the password.

## Refresh Rate

## Significant Figures