DICOT ™

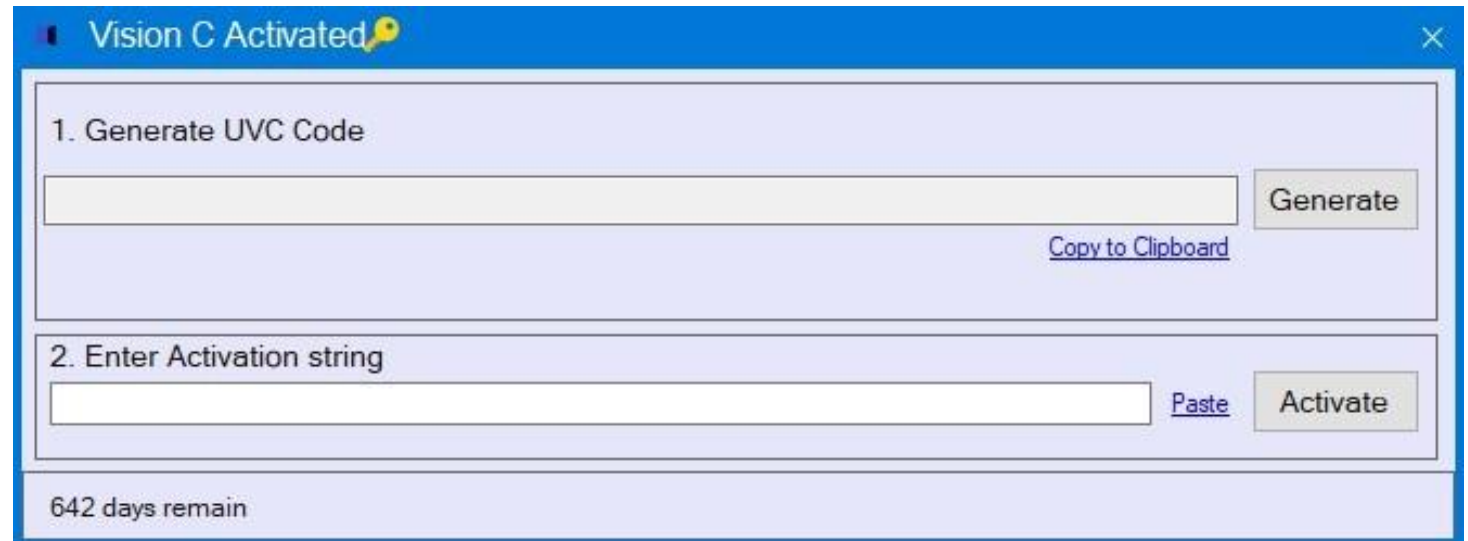# Introduction to Vision C

1. License

- Vision C is now also available for trial!

- The trial version stands valid for a month and cannot be used again on the same machine.

- The licensed version can be renewed upon expiry. To renew the license, you may follow the upcoming slides for reference.

Vision C in 3 simple steps

Step 1. Select the plan suitable to your needs. For information on plans, drop us a mail at sales@dicot.tech

Step 2. Generate your unique UVC and contact our sales representative at support@dicot.tech
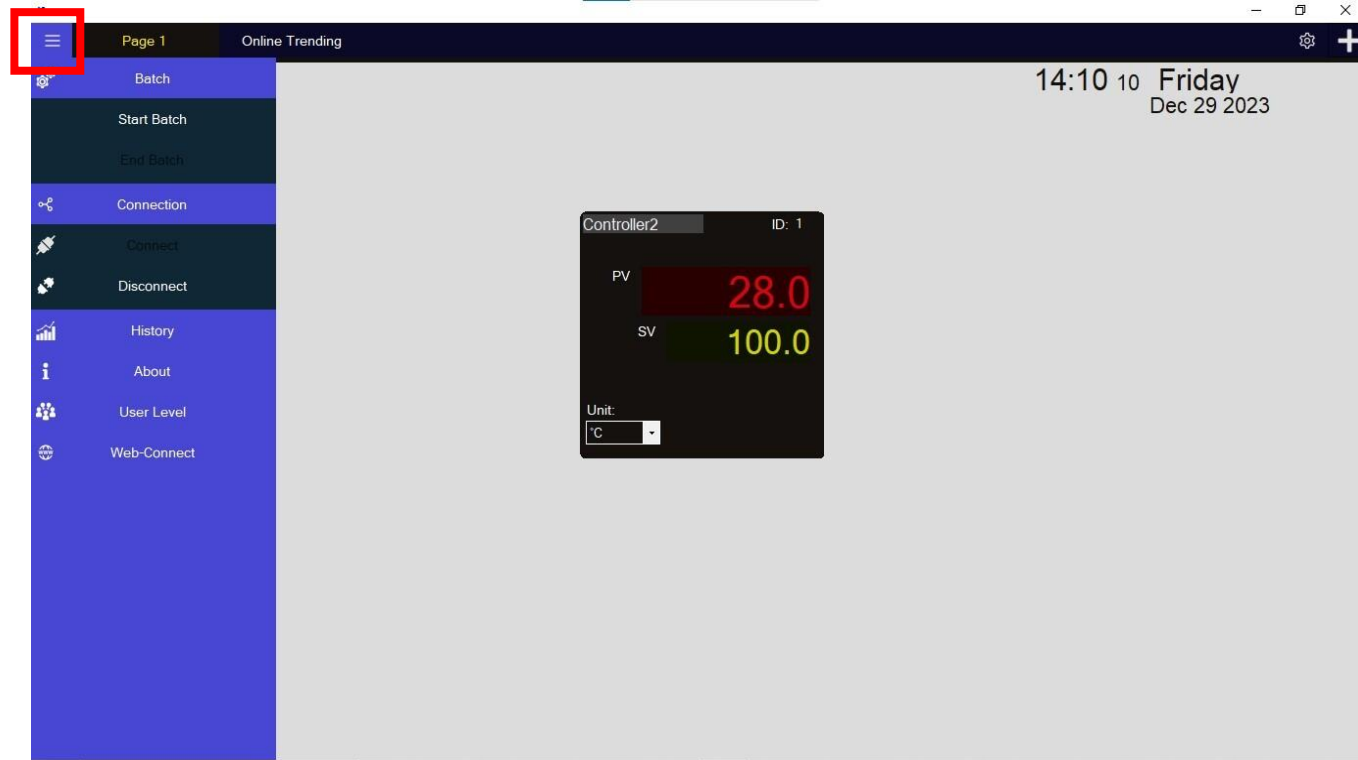
Step 3. The generated code is your license key. Paste it into the activation string box and click Activate.

To check the license key, click on "License Info" present in the About section as shown below:
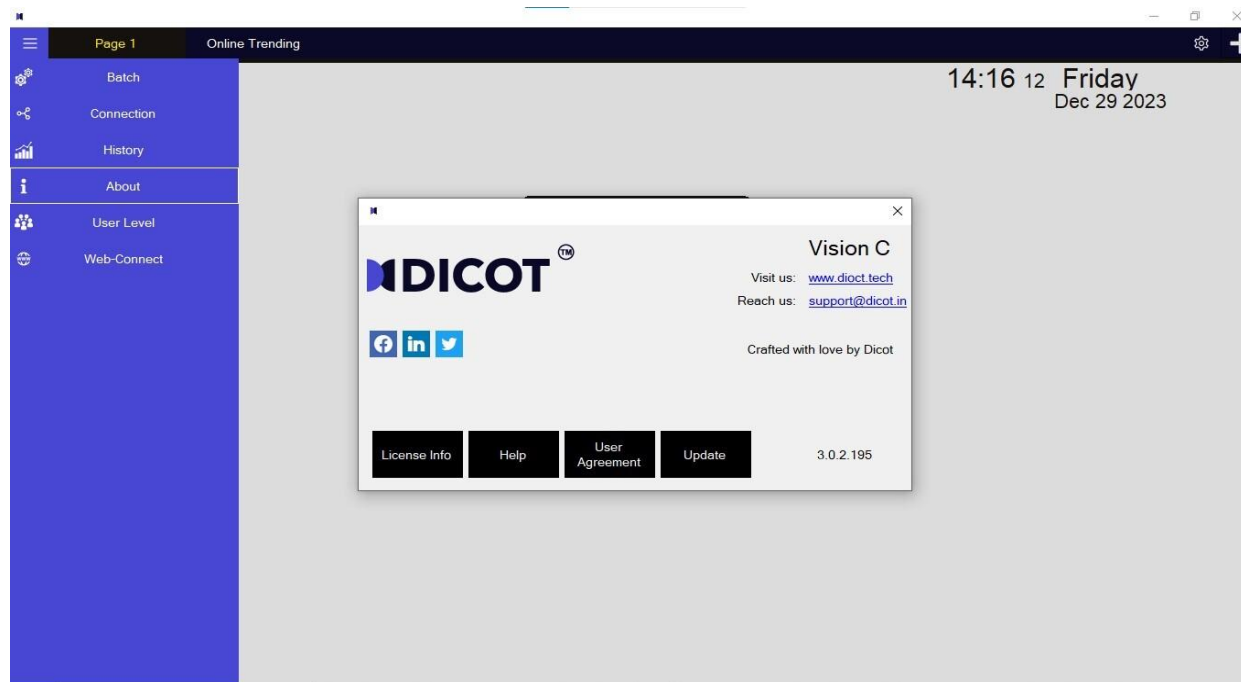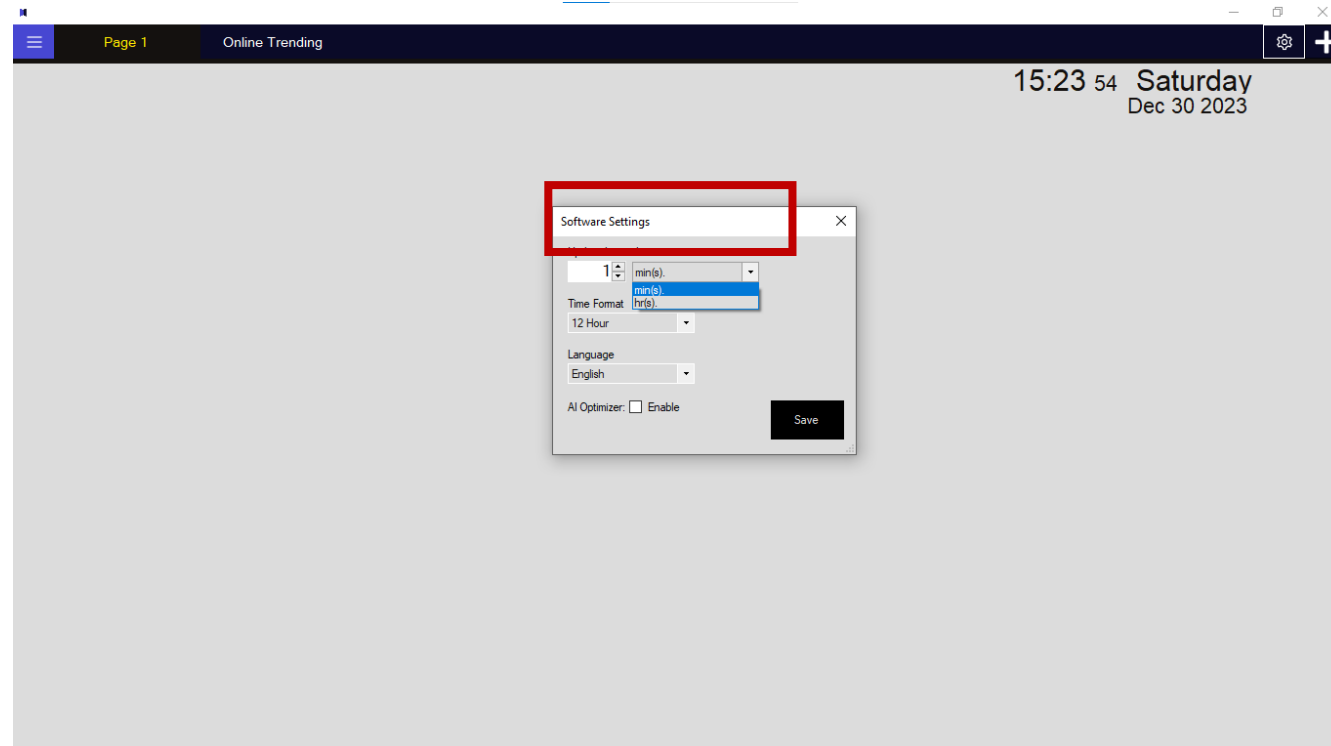
2. Main Menu

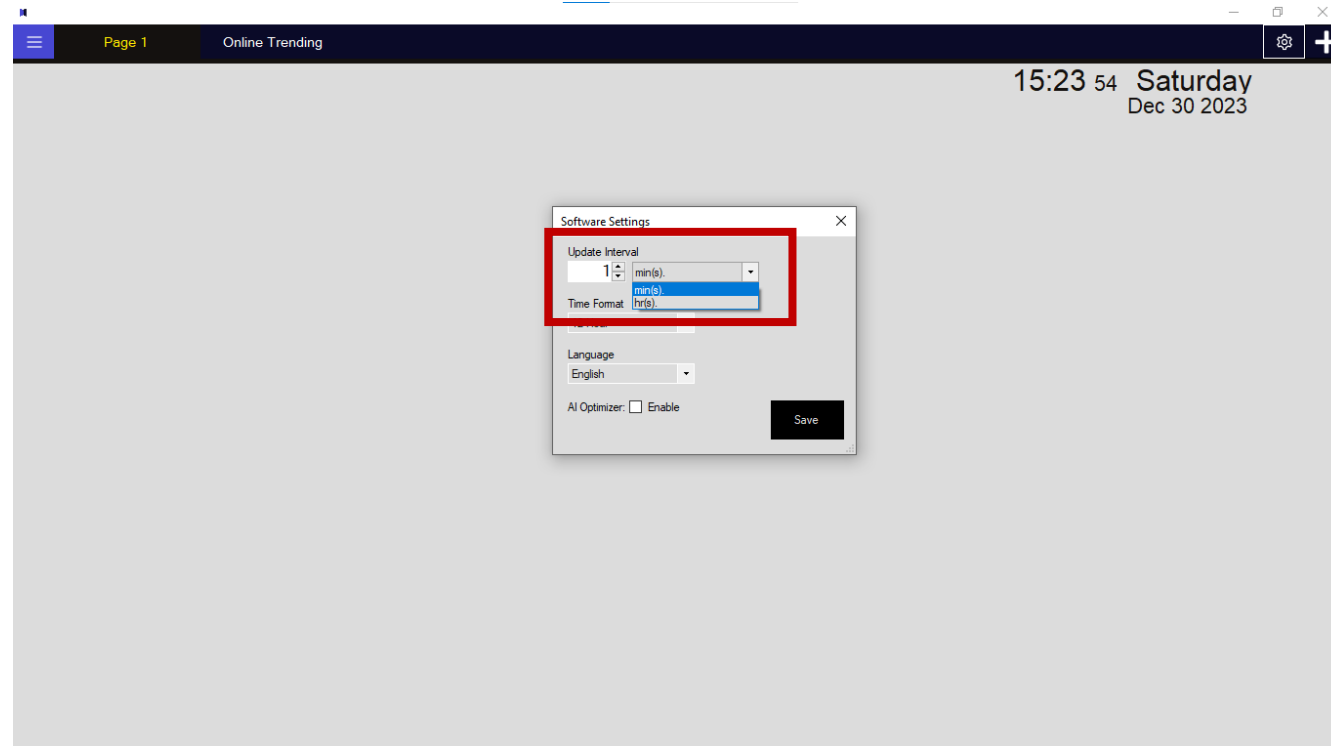The Main Menu can be accessed from the top-left-corner of the main screen:

3. Software Settings

Software settings includes Update Interval, Time Formats, Language & AI Optimizer Options.
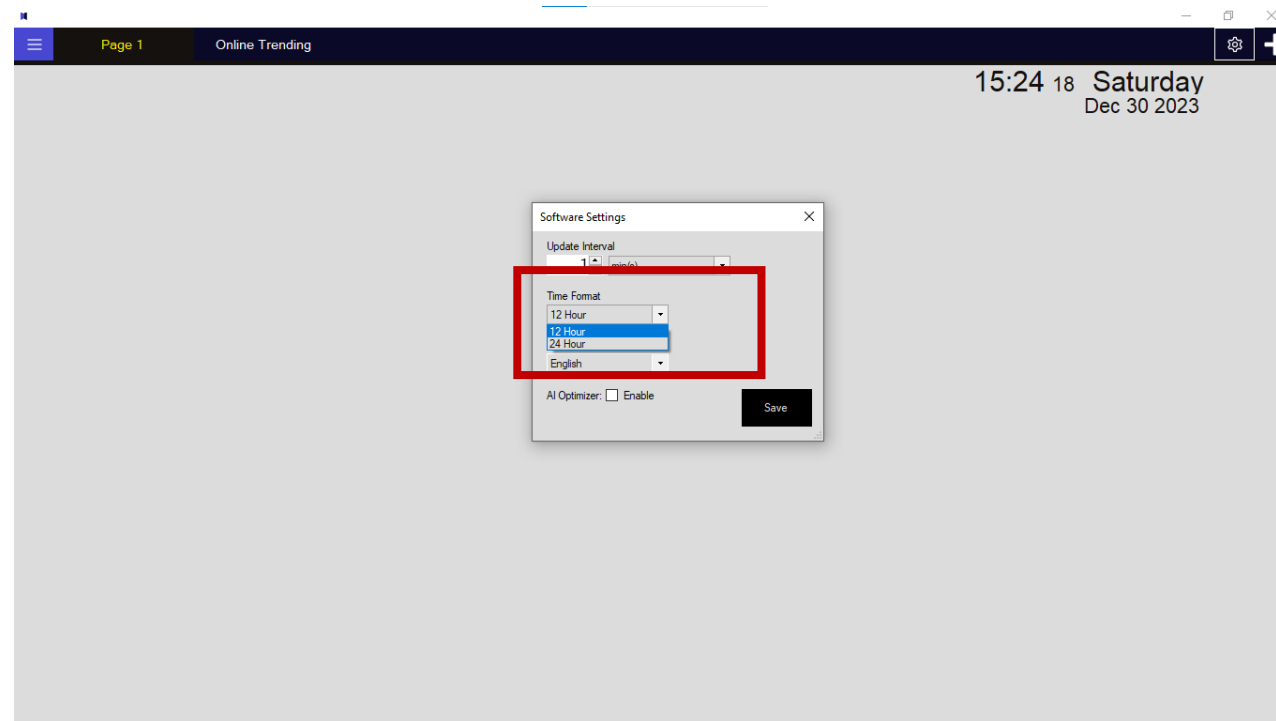
A. Update Interval

It records data as per the set update interval time.

B. Time Format Settings

This allows you to choose from standard time formats to optimize display and increase readability.
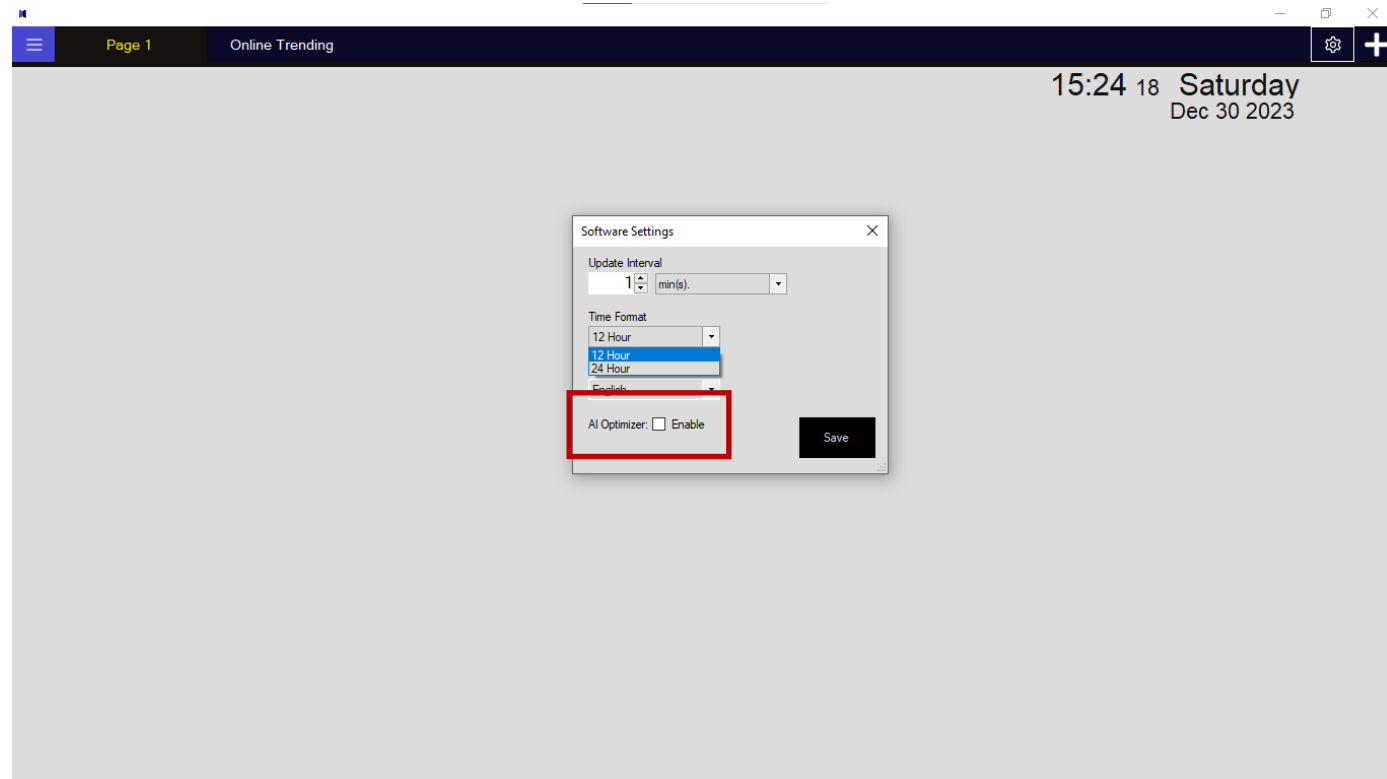
C. Language Settings

Vision C has a support for 7 languages. To change software language, select your desired language and save. Once confirmed, the software will restart in the selected language.
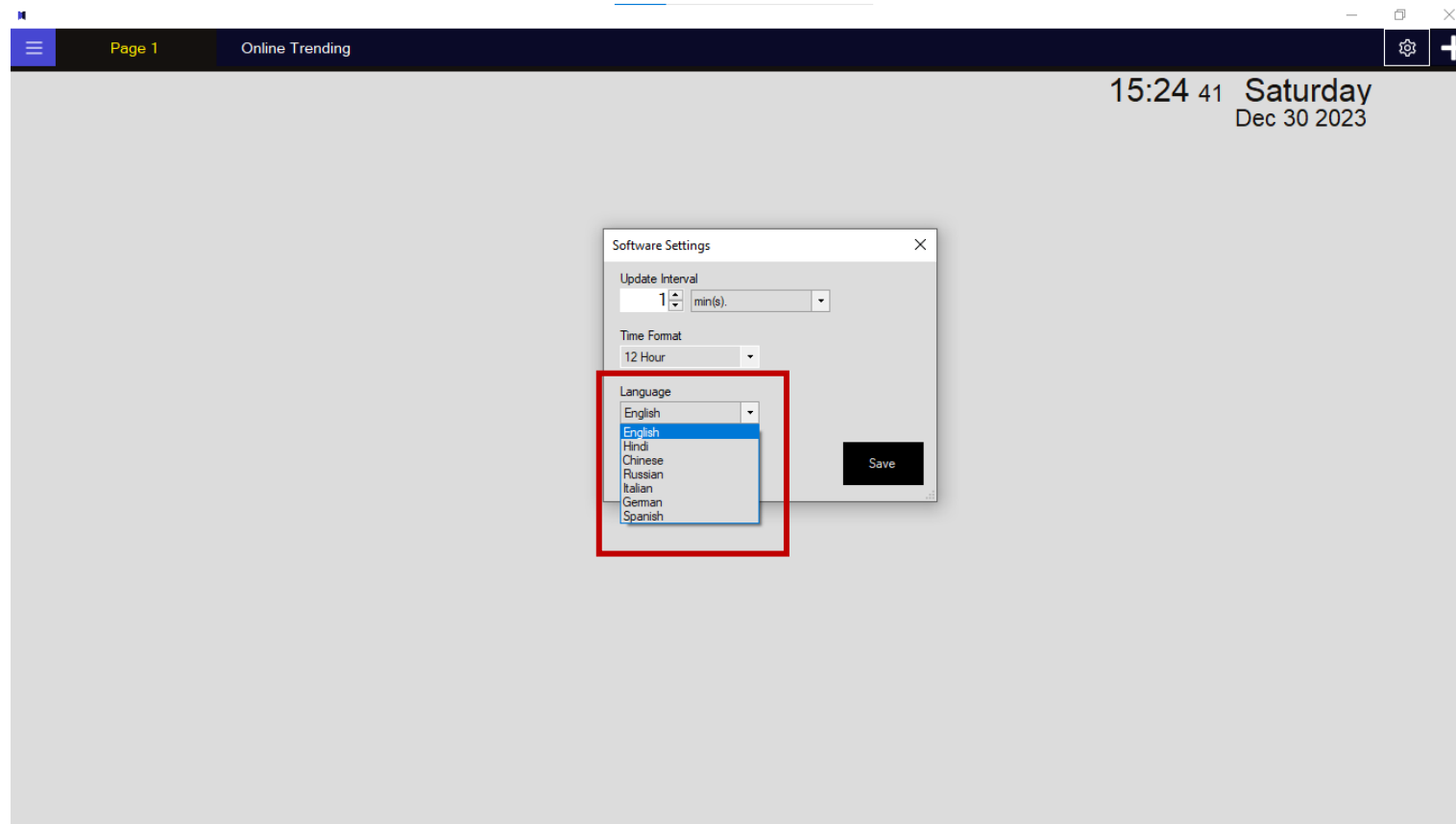
D. AI Optimization

Enable AI Optimizer to reduce the latency of communication between your device and Vision C.
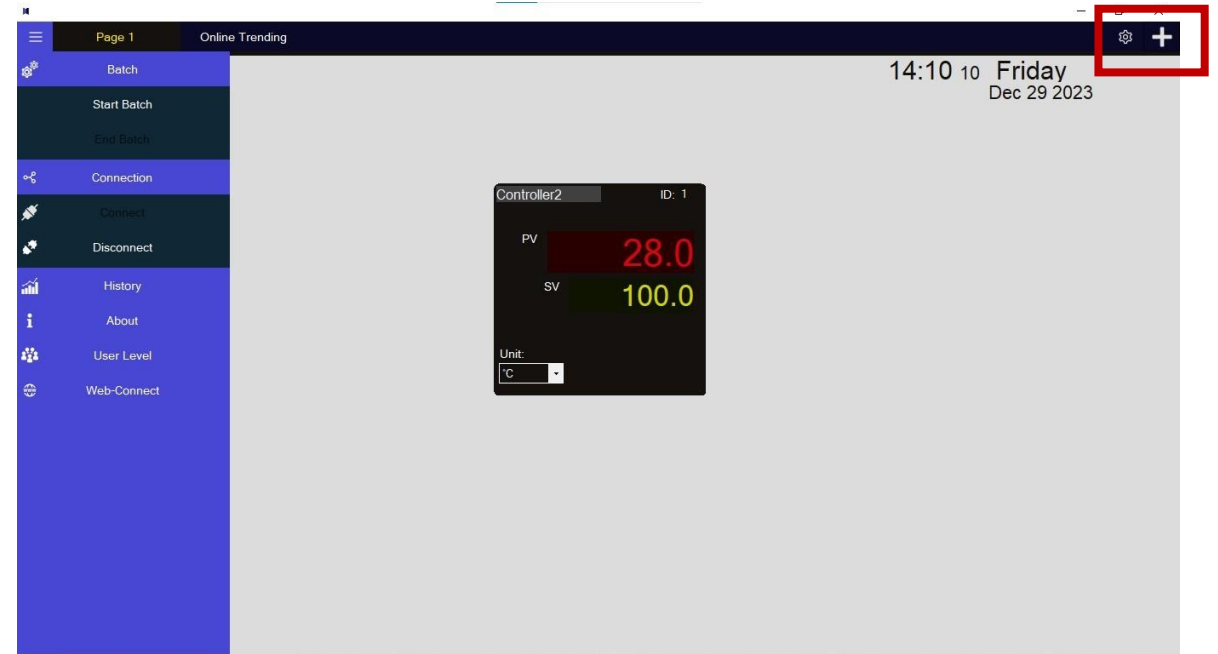
Vision C

4. Adding a Page

On a single page maximum of 8 devices can be added.

And a maximum of 3 such pages can be added.

To add a page, go to the top right corner. Click on "+" to add more pages.
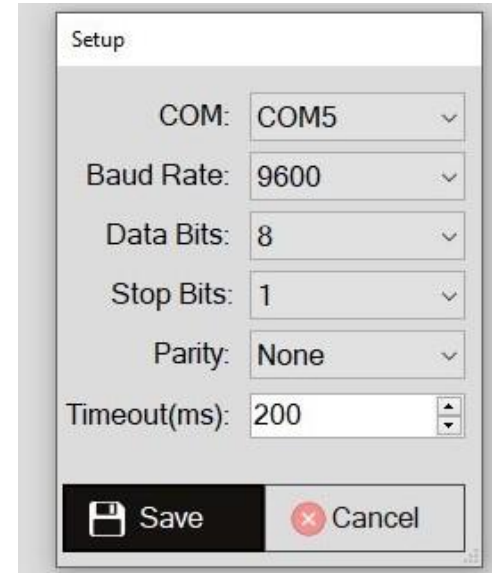
5. Setup

Right click on the added device to access Properties:

| Remove |
| Duplicate |
| Recipe |
| Properties |

Inside Properties, you will find 2 settings which are required before connection:

1. Hardware settings

2. Protocol settings

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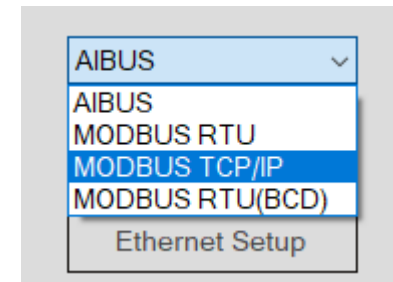Serial communication settings can be changed from Serial COM setup.

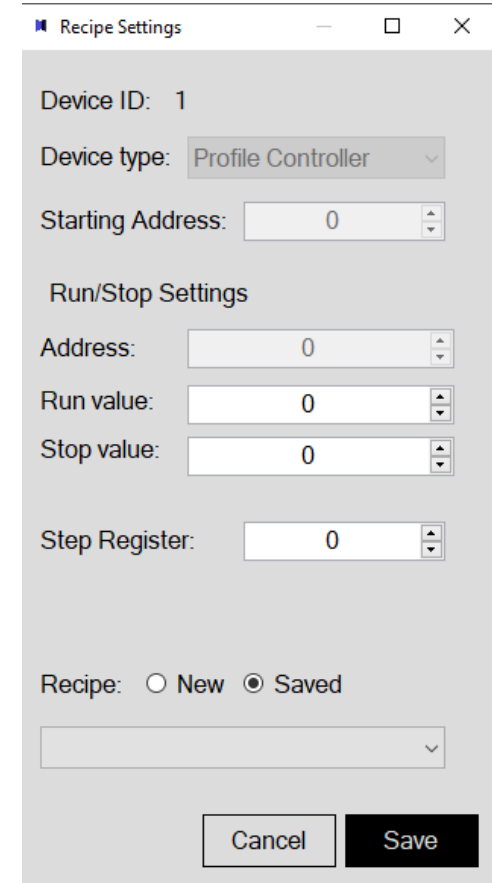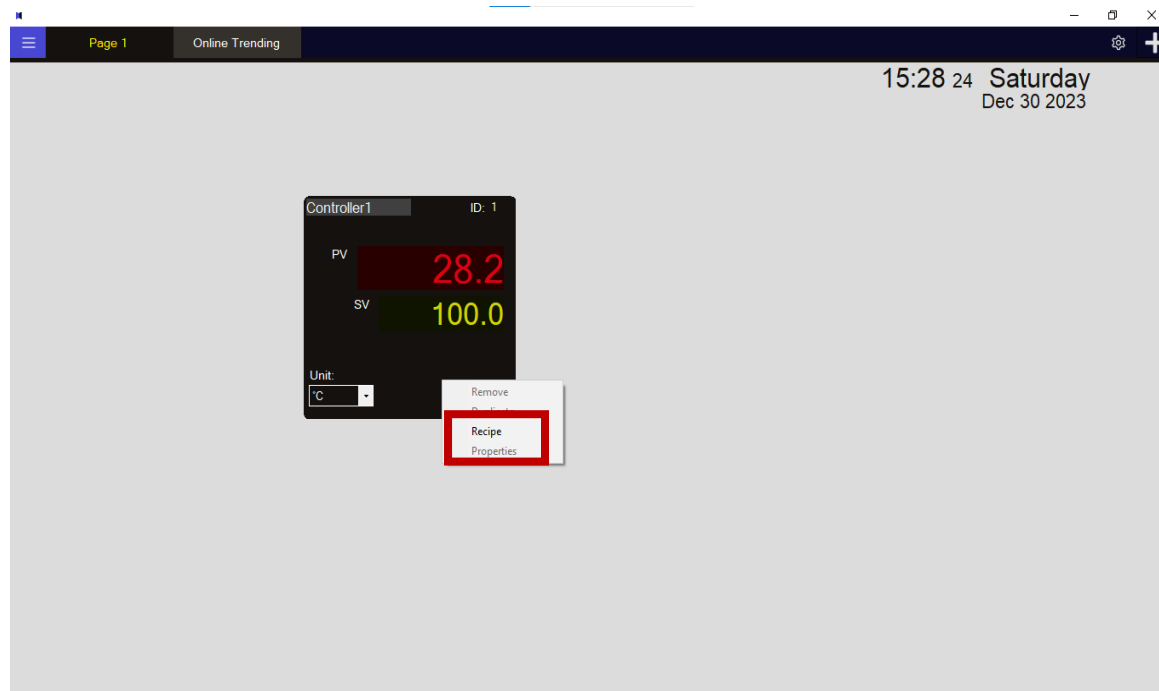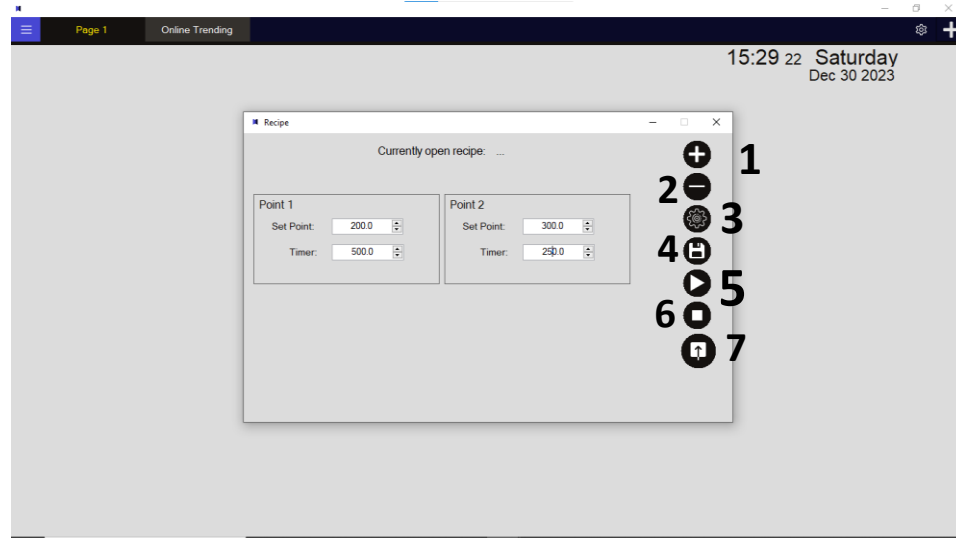Note: All the settings require a one-time setup and can be changed when required.

Select the protocol inside from Properties.

Version 3.0 supports 2 protocols, namely, AIBUS and MODBUS.

NOTE: To use MODBUS the user must enter the register value of the parameter to be read.

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Recipe

1. Click on "+" symbol to add Points.

2. Click on "-" symbol to remove Points.

3. Add Device id, Device type, Starting Address, Run Value, Stop Value in settings and then click on save.

4. Click on Floppy Disk button to save Recipe.

5. Click on Start button to start the Recipe.

6. Click on Stop button to stop the Recipe.

7. Click on Upload button to upload your Recipe.
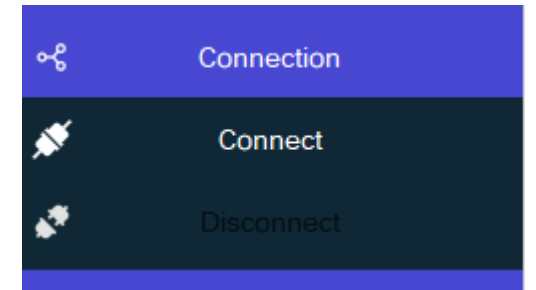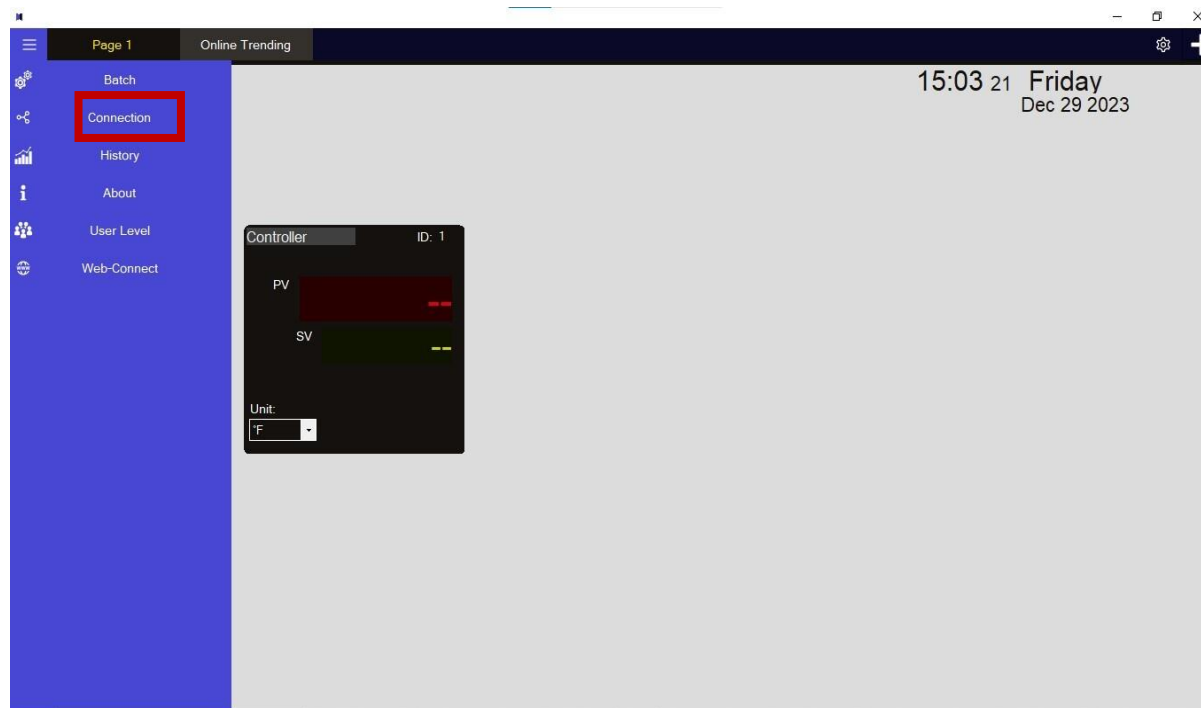
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Display Settings

As shown above, the MODBUS address can be set for respective displays, as separate write address can be assigned in the second display for devices which have different write address.
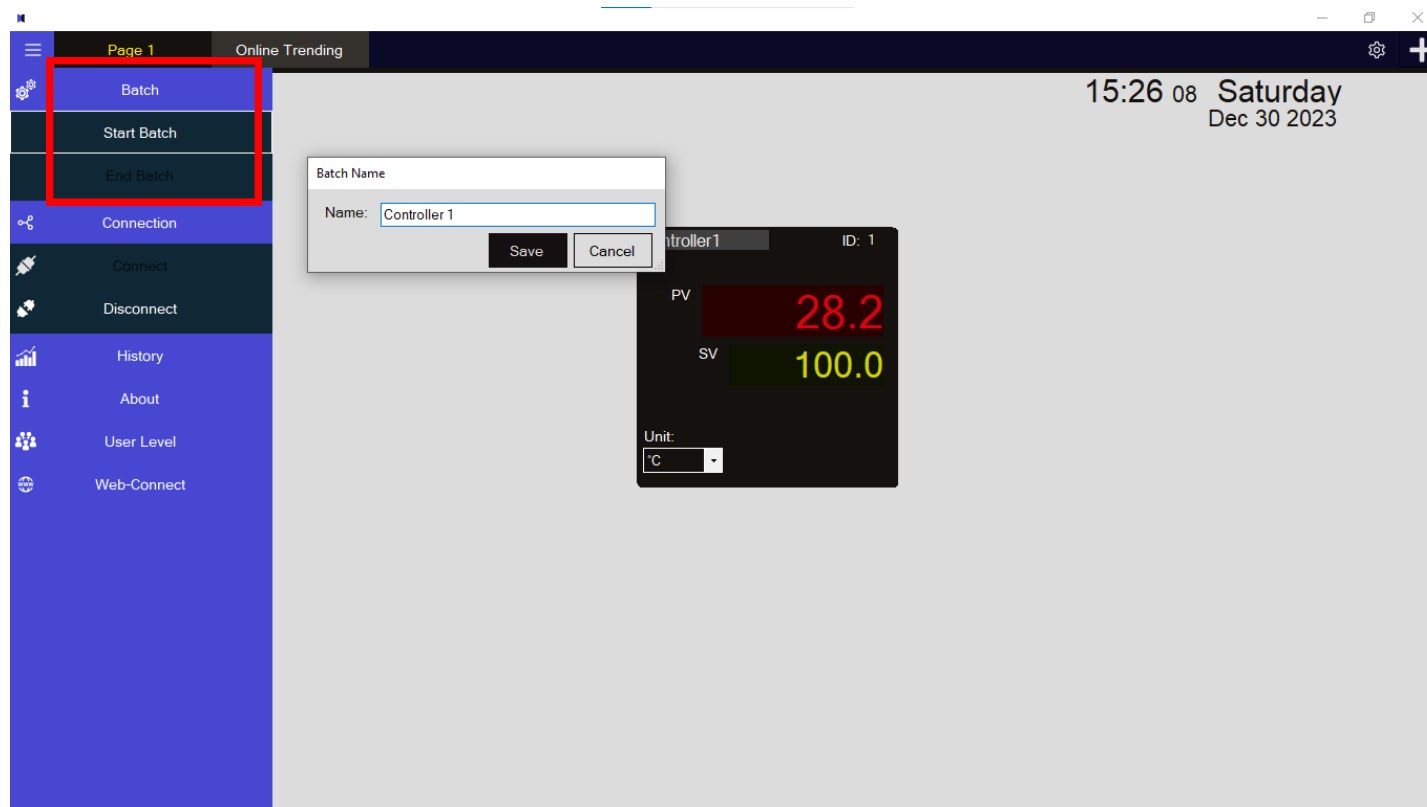
Vision C

6. Connection/Disconnection

Once you set all the values, connecting is simply three clicks away.

Go to Main Menu >> Connection >> Connect !

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7. Batch

Click on batch, a pop-up will be generated. Enter the filename, and data will be stored in the file created.

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8. History

A. Table

1. Open New File: Other functions would work only when a file is selected. The selected file should be of proprietary Vision C format.

2. The Selected file can be exported to .CSV file.

3. Individual columns can be selected for viewing specific data.

4. Search and Filter: To search just input the date-time in the top datetime box, for filter fill both   the boxes.

5. These are pdf/printing function, For exporting with a logo, click on the box of logo to upload a logo.

6. The controls can be hidden for a better view.
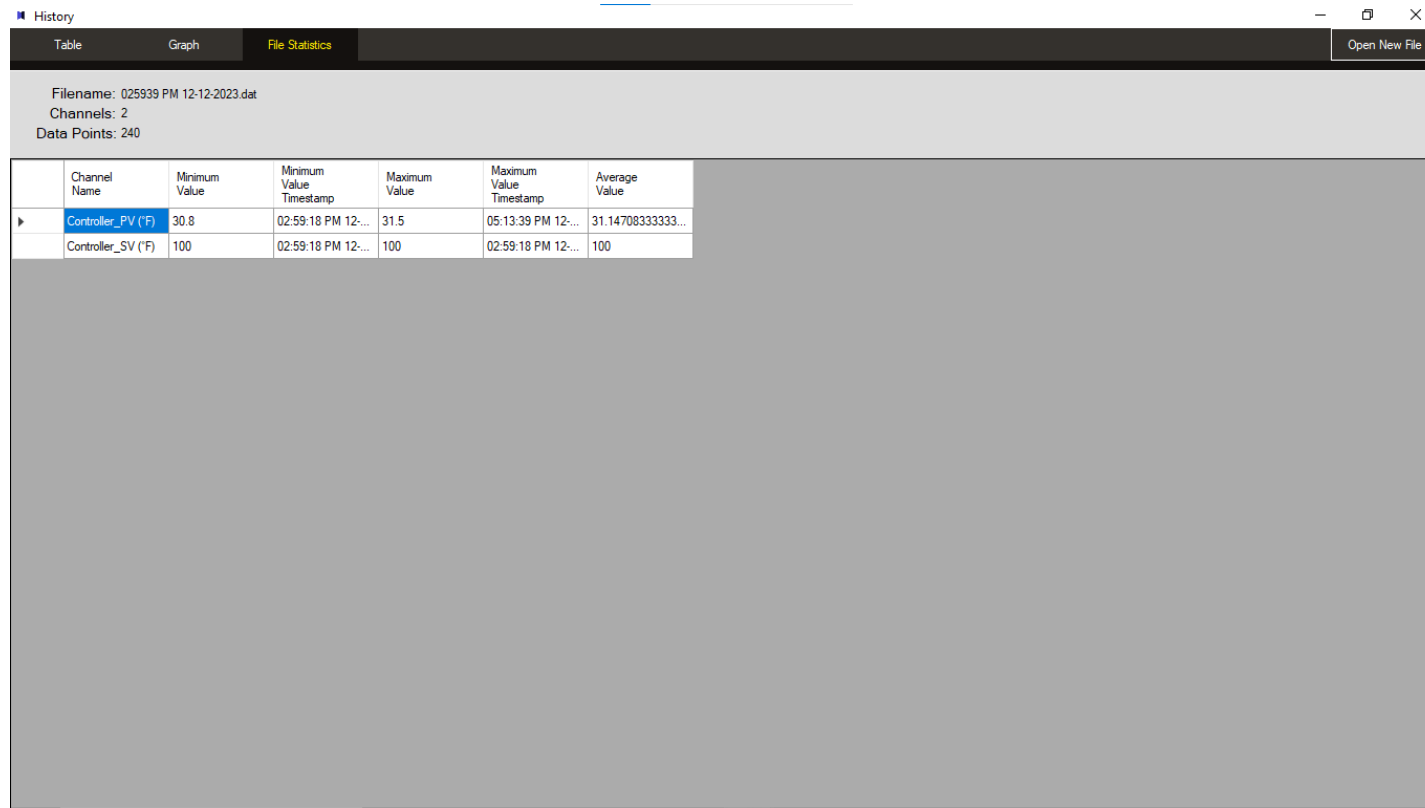
Vision C
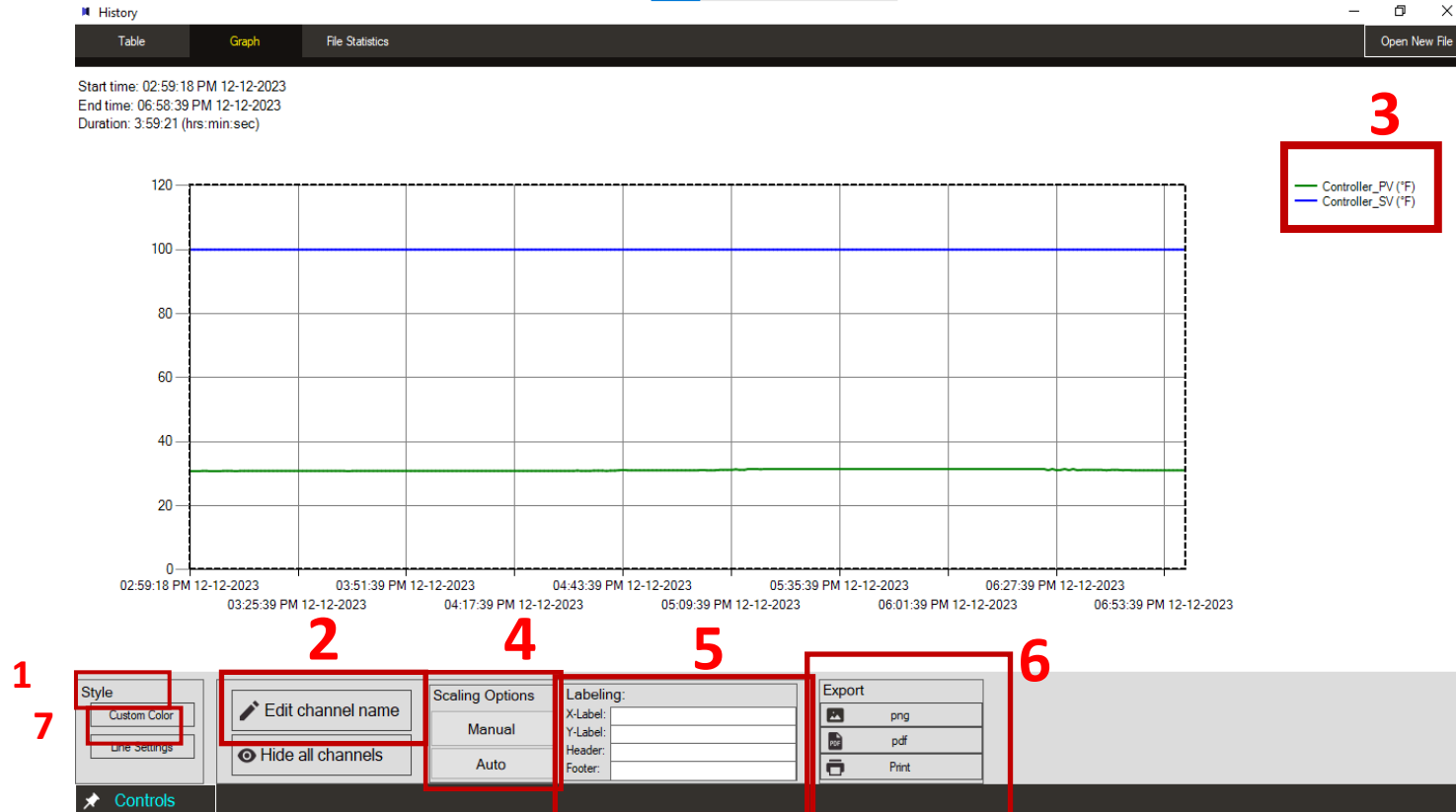
B. Graph

There are multiple function which can be performed on history graph:

1. Style: The graph can be viewed in Line, Spline, Point or Bar format.

2. Channel name edit: Individual channel names can be edited for convenience.

3. Visibility: Visibility of individual channels can be controlled.

4. Scaling: Auto and manual scaling options are present for better view.

5. Labeling options for X, Y axis, header and footer.

6. It can be exported in different format and printed.

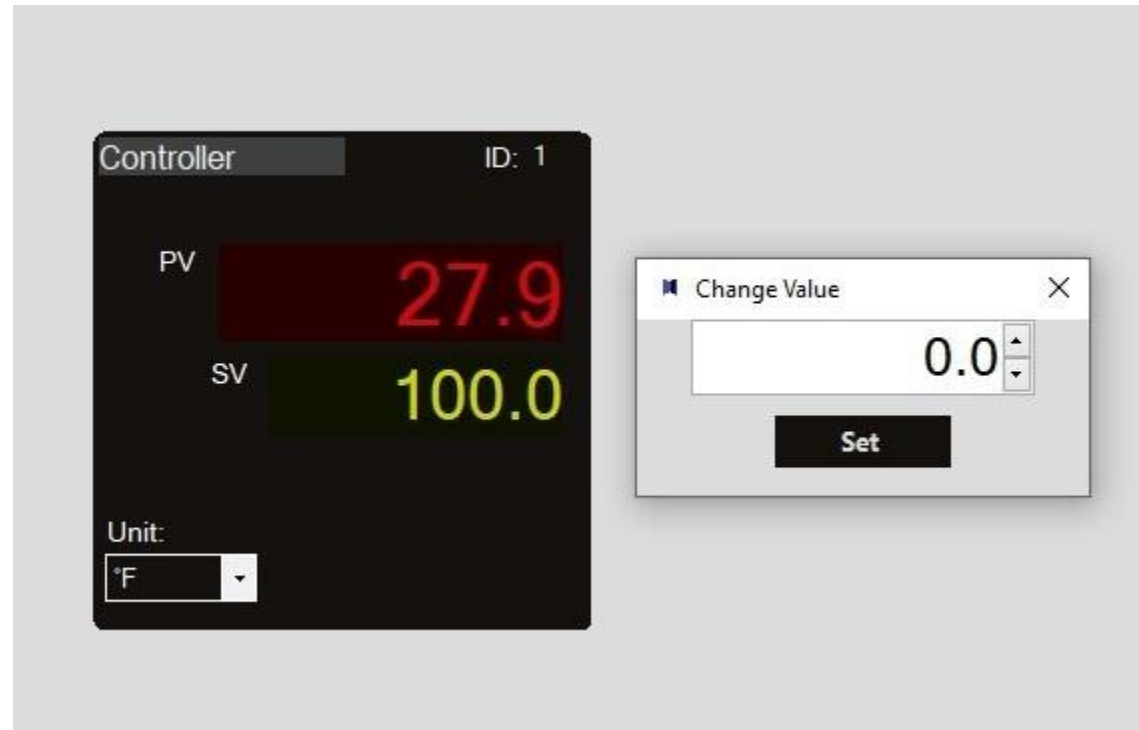7. Custom Color: You can change any Channel Color in a graph.

3.File Statics

In File Statics you can visualize Maximum Value, Minimum Value, Maximum Value Timestamp and Minimum Value Timestamp.
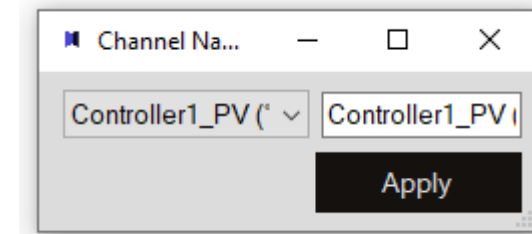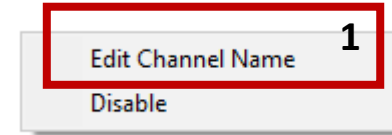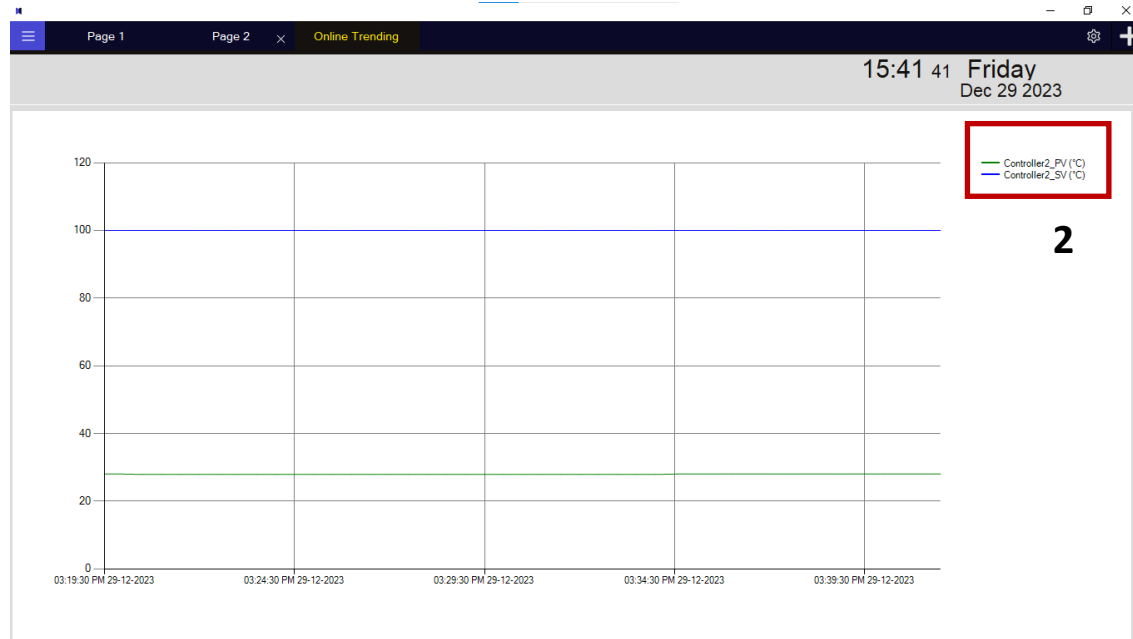
9. Changing SV/SP

The SV/SP or any parameter shown or set on the second display can be changed. To do so, double click on the device.
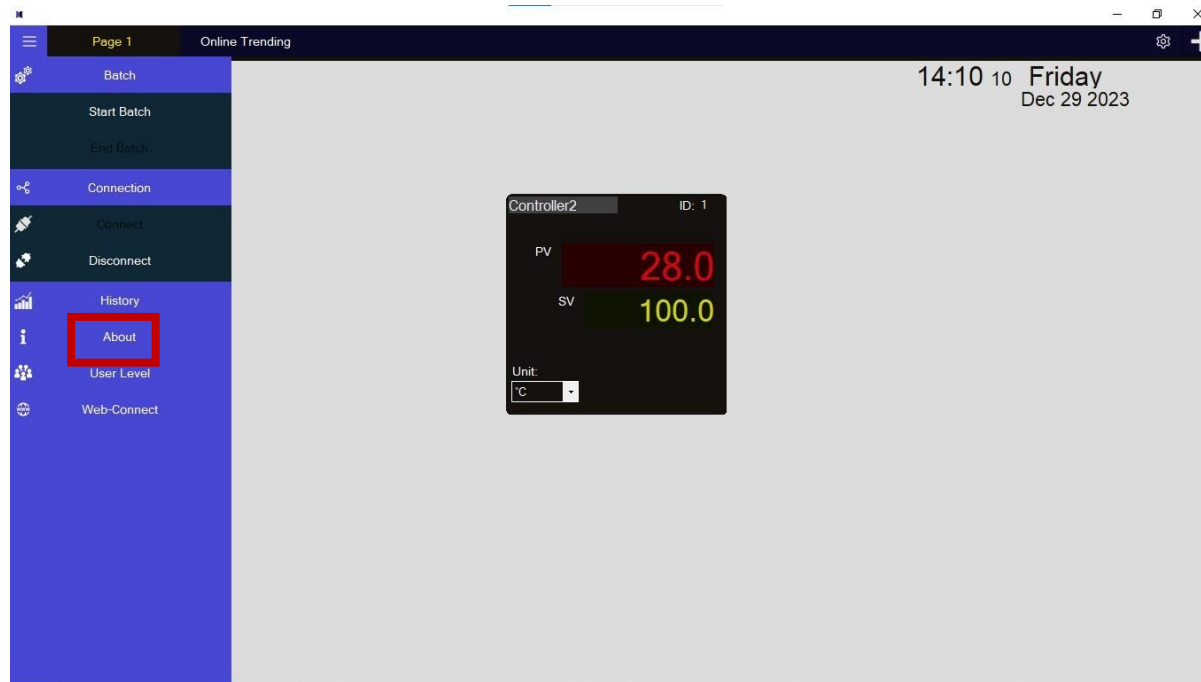
10. Online Trending

To see Online Trending, go to the menu bar and click the online trending tab.

1. Edit Channel Name: Right click anywhere on the page to access this option. Inside this, you will be able edit the Channel Name.

2. The channel visibility can be controlled individually.

3. The graph can be zoomed by selecting a portion to be zoomed on the graph.

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11. Updates

Vision C comes with lifetime free updates. To manually check for updates, follow:

Main menu >> About >> Updates

12. User Privileges and selection

There are 4 user levels:

1. Administrator: This user is allowed to make any changes to the system . It includes privileges of user, password changes, changes in view of online trending, opening history, changes in SV/SP, connection/disconnection, addition and removal of devices etc.

2. Supervisor: This user can perform all the functions of the administrator except changing of passwords.

3. Engineer: This user can make any changes to the devices which are online or view historical data using the software.

4. Operator: This user can only view different devices connected and online trending. They cannot make any changes to the devices which are online or view historical data using the software.
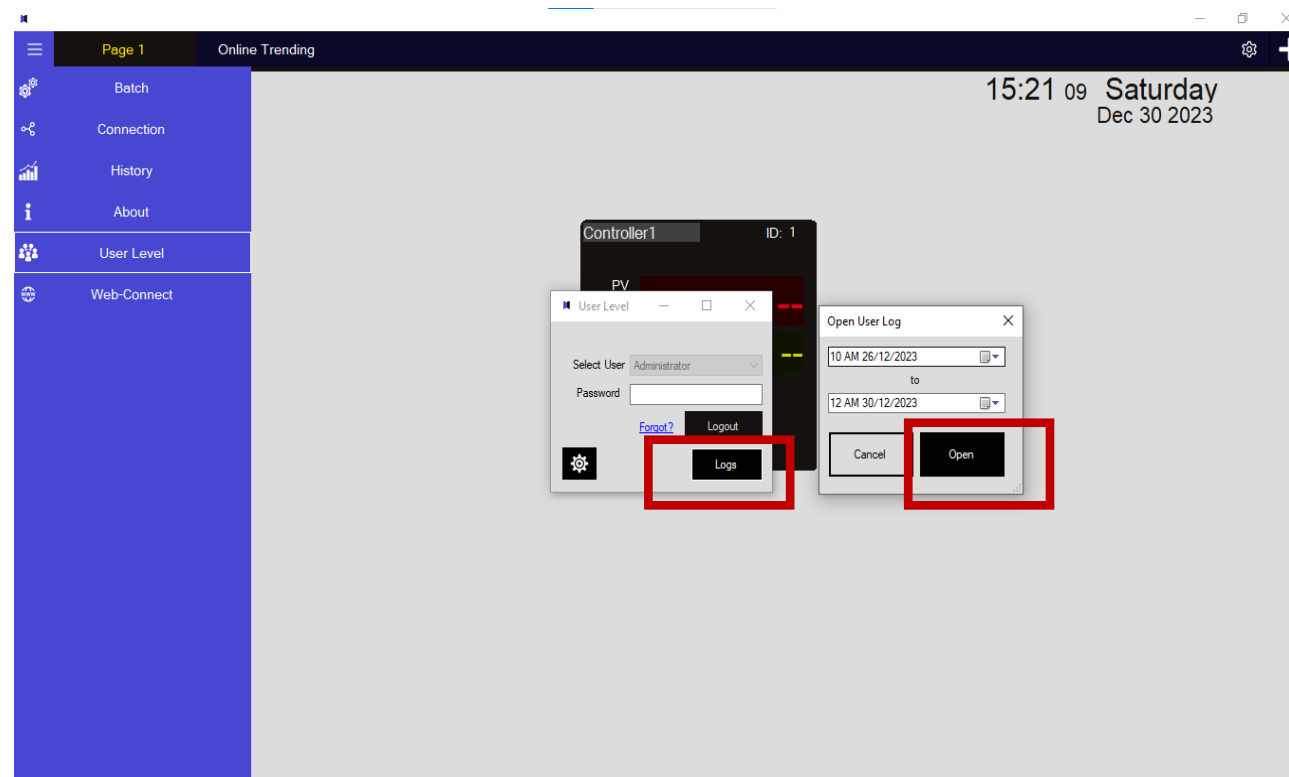
13. Admin Portal

In User Label Section, click on Settings & open the Admin Portal then select the user that you want to set privileges for.
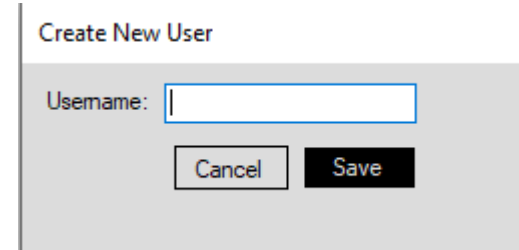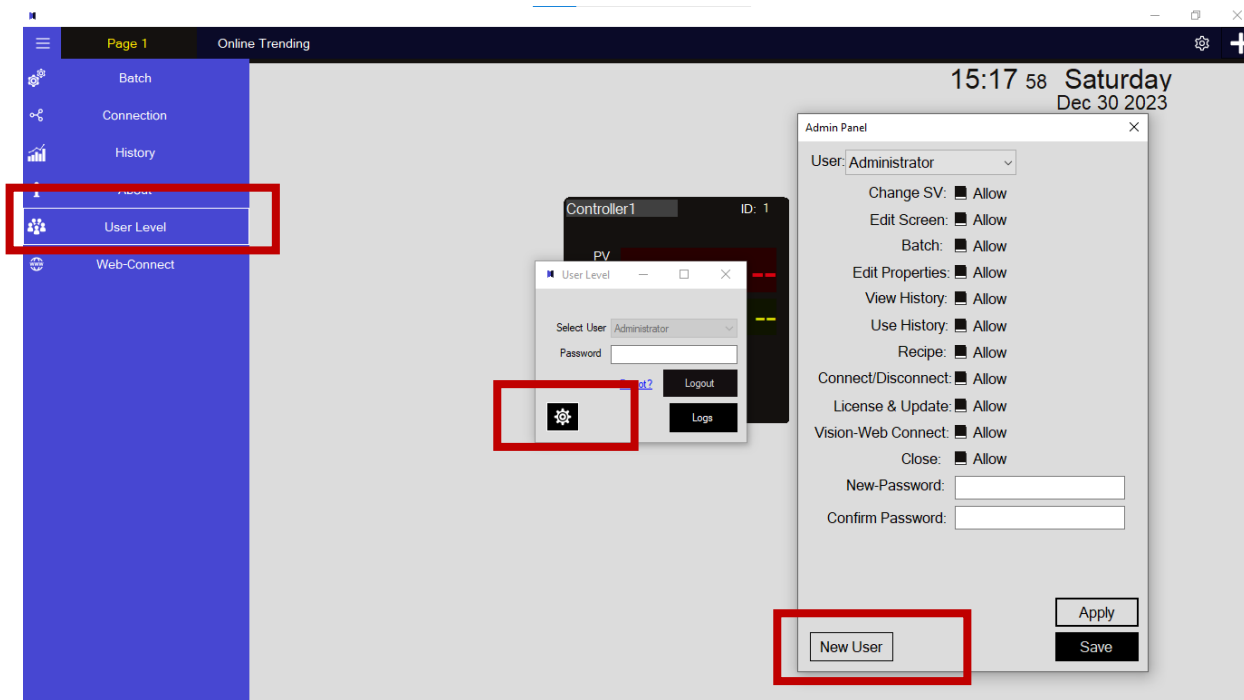
14. Filter Logs

Once you click on 'Logs' and enter the date, click on 'Open' to access the Audit Logs between the specified dates.

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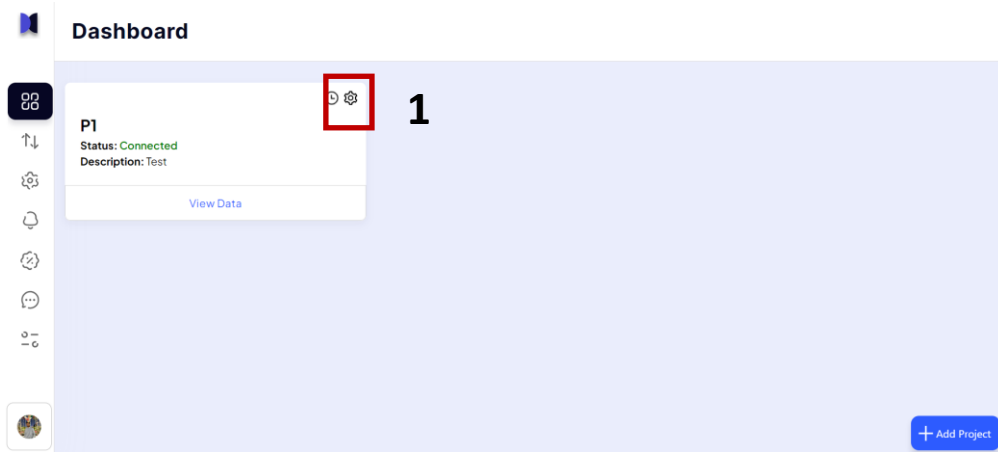# 15. Audit Trails

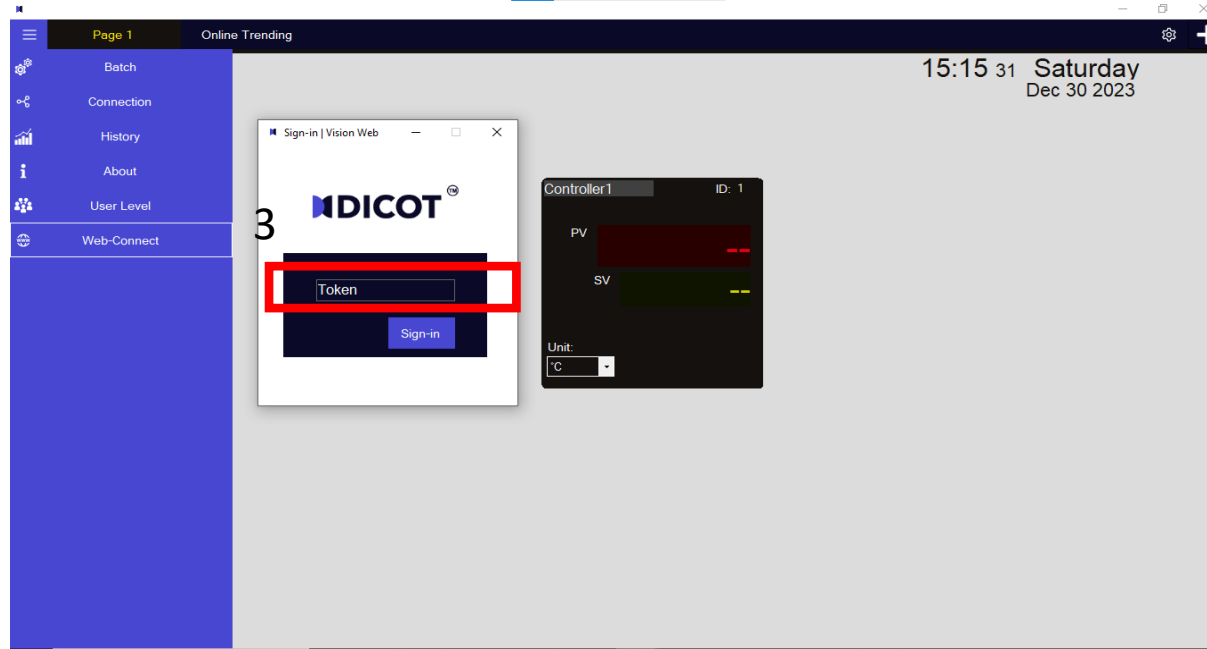Specify the date range to find all Audit Trails between the given range.

Vision C

16. Web - Connect

Following are steps to connect Vision Web Project to Vision C :

1. Login to Vision Web and go to the setting of the project to be connected**.**

2. Copy **Project id** which is available inside the **Device Configuration.**

3. Paste that **project id** inside the **Token section** and click on sign in**.**

Vision Web Project will be successfully connected to Vision C.

Vision C

For Help & Support
Contact us at support@dicot.tech