



Tracker App

WISER Systems
Product Documentation

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1 Getting Started

1.1 Quick Start

The WISER Tracker App is a viewing and management app for the WISER Real Time Location & Tracking system. It provides real-time remote viewing and administration of one or more WISER Arenas.

Our software offers a convenient solution for handling multiple buildings, areas outside/around buildings, and even between buildings, allowing you to set up distinct meshes, referred to as 'Arenas,' for each building.

1.1.1 System Requirements

WISER Tracker operates the same and contains all features on all platforms.

Windows:

- Windows 10 version 1809 or later
- 8 GB Ram or more
- Network Connection

Android:

- Minimum Android 7.0; support prioritized for later versions
- ARMv8 and newer
- 4 GB Ram or more
- Network Connection

iOs:

- iOS 14.0 and later
- 4 GB Ram or more
- Network Connection

NOTE

An installation of WISER Tracker Server software is required. WISER Systems provides a public test server for demonstration purposes. If your server is not yet configured, this will let you familiarize yourself with the app's functionality in a live setting.

1.1.2 Download & Install

Android:

Available at [Google Play](#)

**iOs:**

Available at [App Store](#)

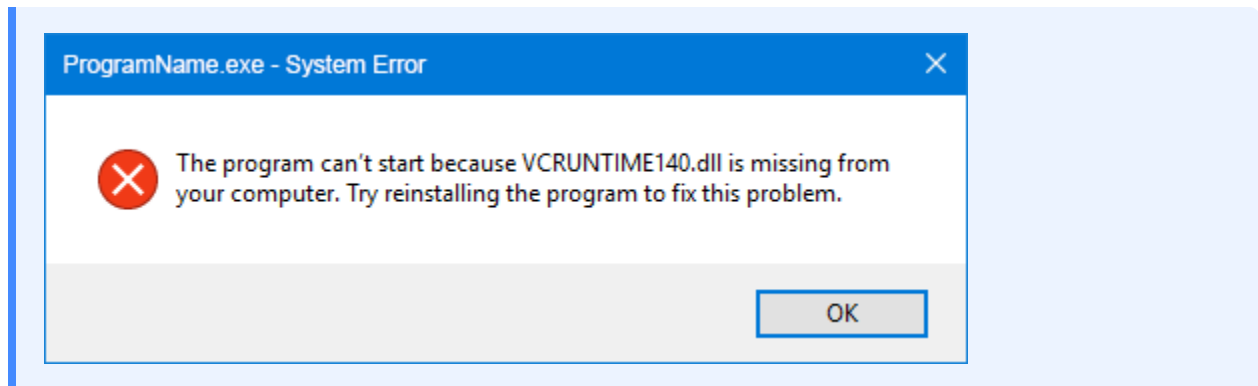
**Windows:**

Contact WISER support for a Windows .exe installer download link.

NOTE

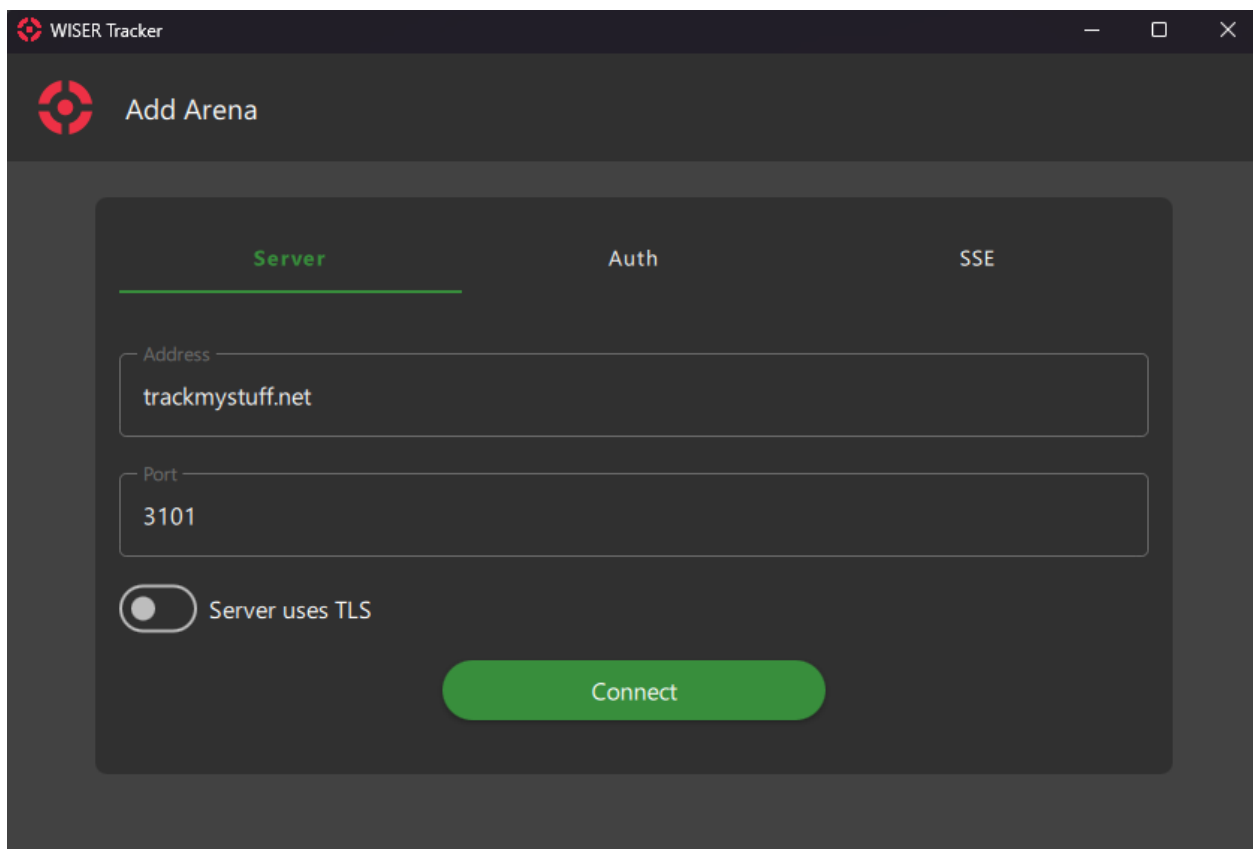
Some Windows PCs may lack [Microsoft's common VC++ redistributable](#). If you receive any variation of the following error message regarding VCRUNTIME.dll, the redistributable should be downloaded and installed from Microsoft.

https://aka.ms/vc14/vc_redist.x64.exe



1.1.3 Connecting to an Arena

When you open the Tracker App for the first time, the [Add Arena](#) Screen will appear



NOTE

By Default, the Demonstration Arena Settings will already be populated with the demonstration server address (trackmystuff.net). This server is provided by Wiser Systems and All non-administrative features are available.

If your arena is not yet configured. This will let you familiarize yourself with the app's functionality in a live setting.

1.1.4 Mass Installation

Besides an “.exe”, we offer “.msi” and “.msix” installers to assist remote deployment. Because settings are stored at C:\ProgramData\WISER Systems and not in the installation folder, you can update, uninstall, or reinstall the app without losing your workstation configurations.

The Tracker App also has a **Command Line Interface** (CLI) to help mass replicate station installs.

To deploy a settings configuration, set up one station first and configure how you would like to replicate it.

After you are done, copy the settings .ini file and deploy it to all desired stations.

NOTE

The settings file can be found at C:\ProgramData\WISER Systems\WISER Tracker.ini .

If you have saved sessions with Authentication, you need to perform an extra step at the new stations.

Run the following CLI, or a .bat or .ps1 script, in the Tracker App folder

The session name, host, port, and user are all required must match *exactly* an entry already present in the settings .ini file. If port is not specified, it will default to 3101. “Host” is the portion of the URL without the http:// or port. For example, if the settings file contains the following,

```
[Sessions]
...
Warehouse\Arena\1\Username=ReadOnlyUser
Warehouse\Arena\1\RestUrl=https://10.10.0.18:3101
...
```

Then the update command would be,

```
WISERTracker.exe --update-session-password "Warehouse" --host "10.10.0.18" --port "3101"
--user "ReadOnlyUser" --password "TestPassword123"
```

2 Arena

2.1 Map Screen



If you have already set a Floorplan Image on the Tracker Server, the same image will be displayed on this screen. Otherwise, you can go to the **Settings Screen** and upload one.

All Tags inside the Mesh System will show up automatically and you can begin tagging your assets right away. This seamless process enables you to achieve an instant and comprehensive visualization of your assets.

There are many functions available while viewing your arena:

NOTE

Regional Format (E.g.: 1.000 vs 1,000) will update based on your System Language & Region Settings.

Unit System like Imperial or Metric can be configured at the [Application Settings Screen](#)

2.1.1 Zoom & Pan

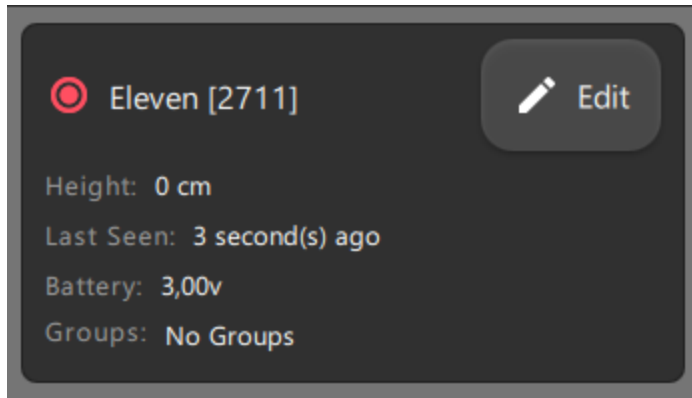
Zoom in and out with your mouse wheel, by pinching on touch devices or by using the controls on the bottom left corner.

Click and Drag your floorplan to view different areas.

2.1.2 Tag Details Panel

You can Click or Tap a Tag to select it and see its Details. This Panel can also be triggered by the **Search Bar** and the **Locate** button on the [Tags & Groups Screen](#).

You can click anywhere in the Floorplan to close the Panel.

**NOTE
INFO**

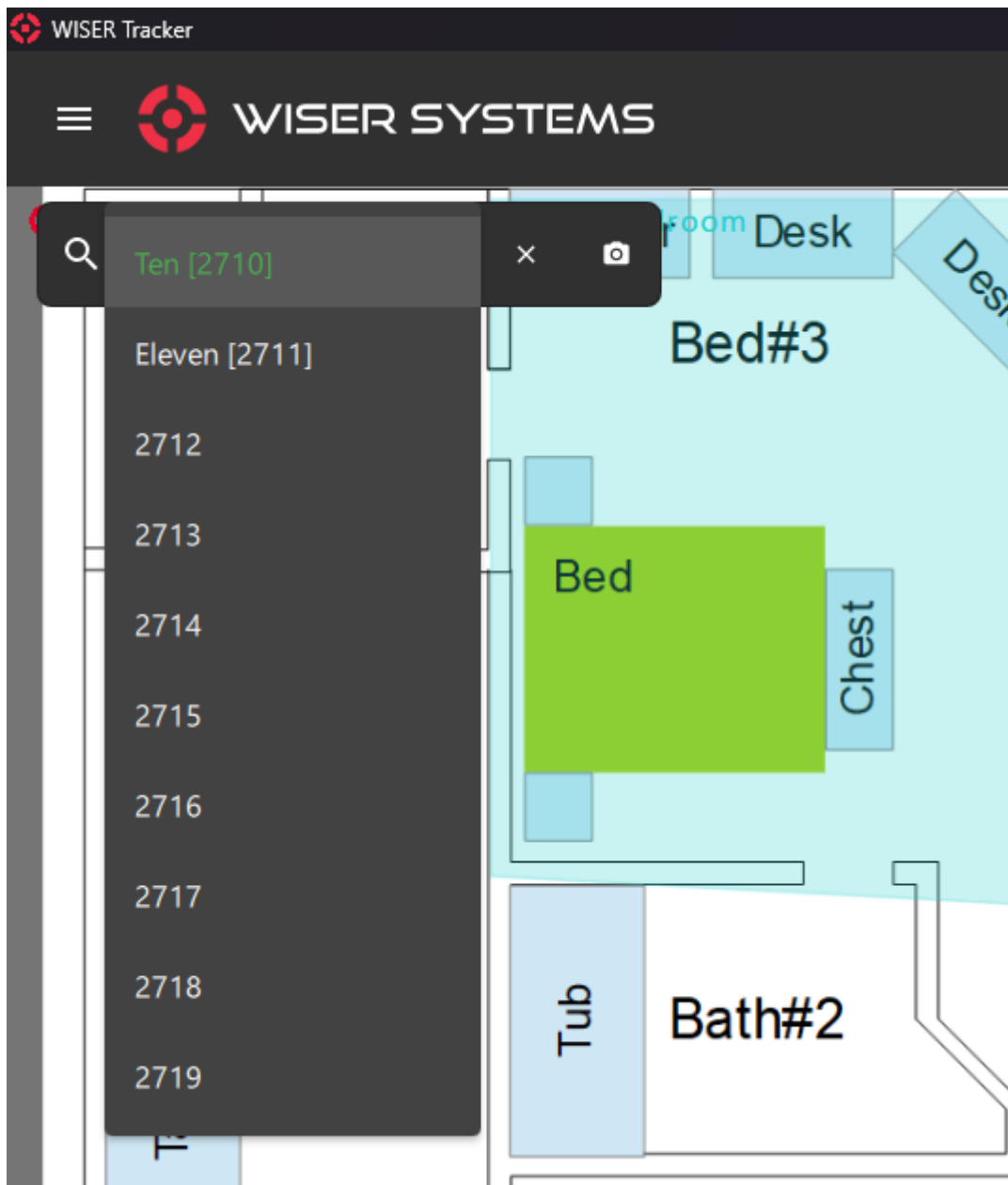
Even Hidden Tags will show up when you Click Locate. They will be visible as long as the Panel is open.

2.1.3 Search Bar

You can type a tag **Name**, **Hex Id** or **Alternate Id** in the search bar. The **Case Sensitive** Settings on the [Server General](#) Settings Screen will be taken into consideration and an autocomplete effect will be available.

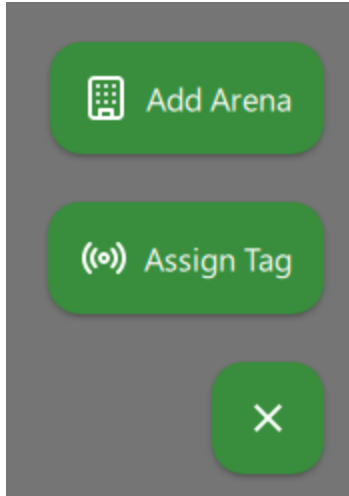
A dropdown is also available to list all tags from this arena. **Click/Tap** the name, inside the list, to zoom to that tag and view its [Map Screen: 3 Tag Details Panel](#).

You can click the x inside the search bar or anywhere in the Floorplan to close the Panel.



2.1.4 Add Button

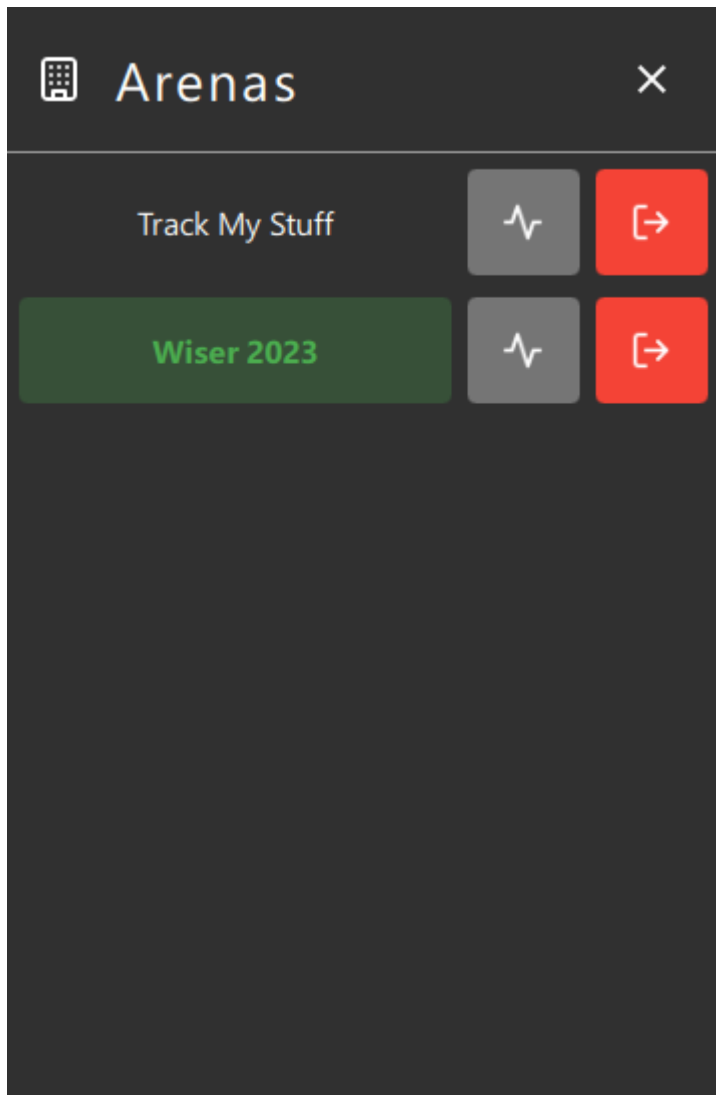
This Floating Add Button is a shortcut for the [Add Arena](#) and [Tag Assignment](#).



2.1.5 Arena List Panel

You can use this Panel to switch between arenas, by clicking the **arena's name**, and manage them with ease. The app will also automatically switch to an arena when you click the **Locate** button on the [Tags & Groups](#) Screen or use the [Tags & Groups: Arena Filter](#) (Available on some Screens).

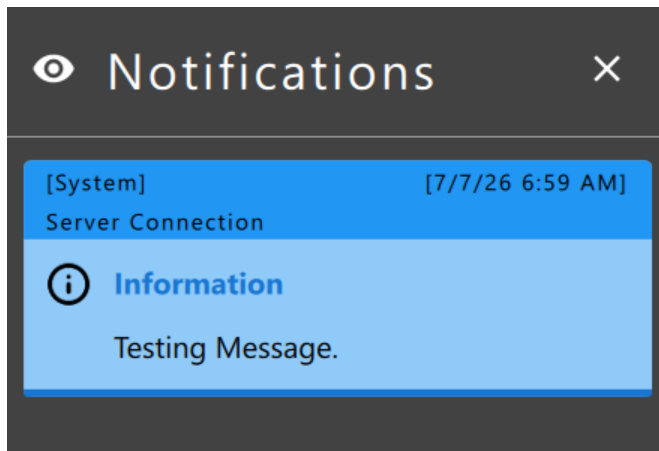
Alongside, you will find 2 other buttons, [Arena Details & Status](#) and **Disconnect Arena**.

**NOTE**

Arenas without a name will display an ID like `trackmystuff.net::3101::<username>`.

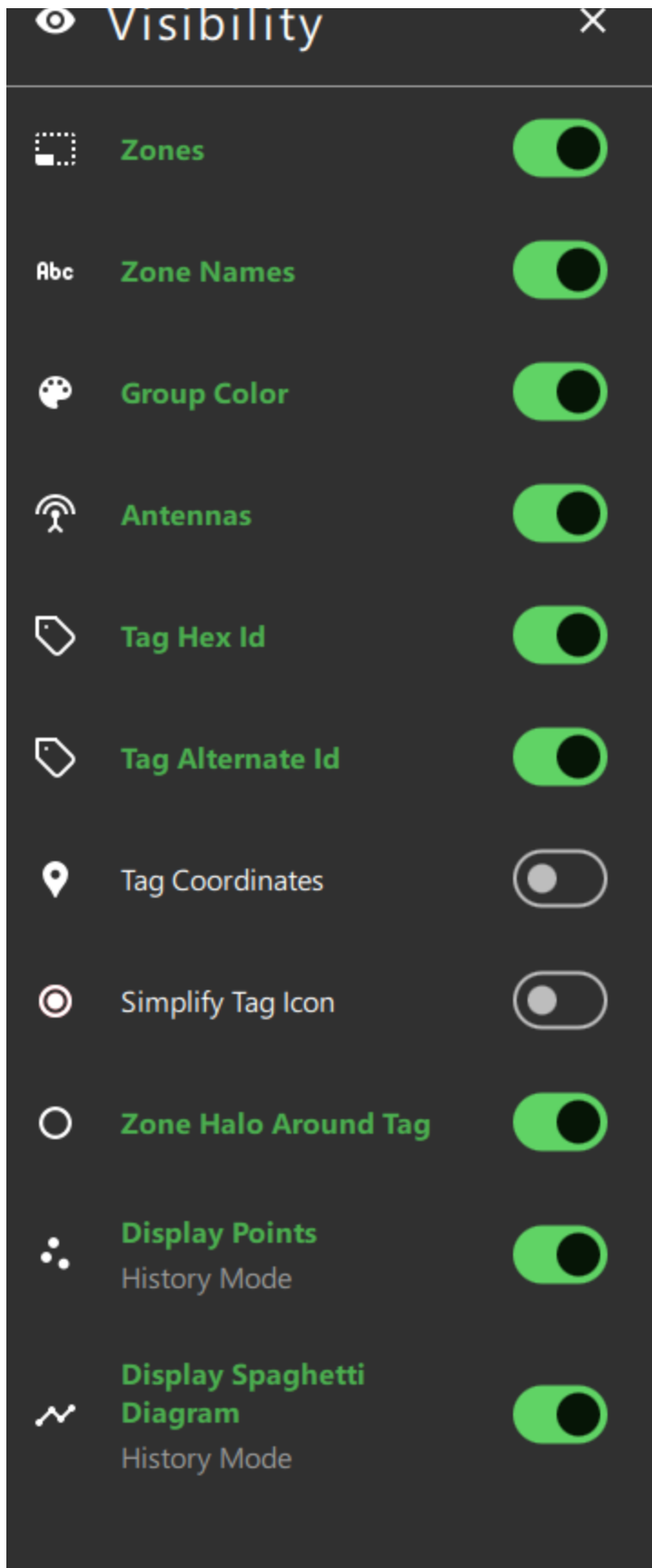
2.1.6 Notification Panel

Provides notifications of system issues and triggered Rules.



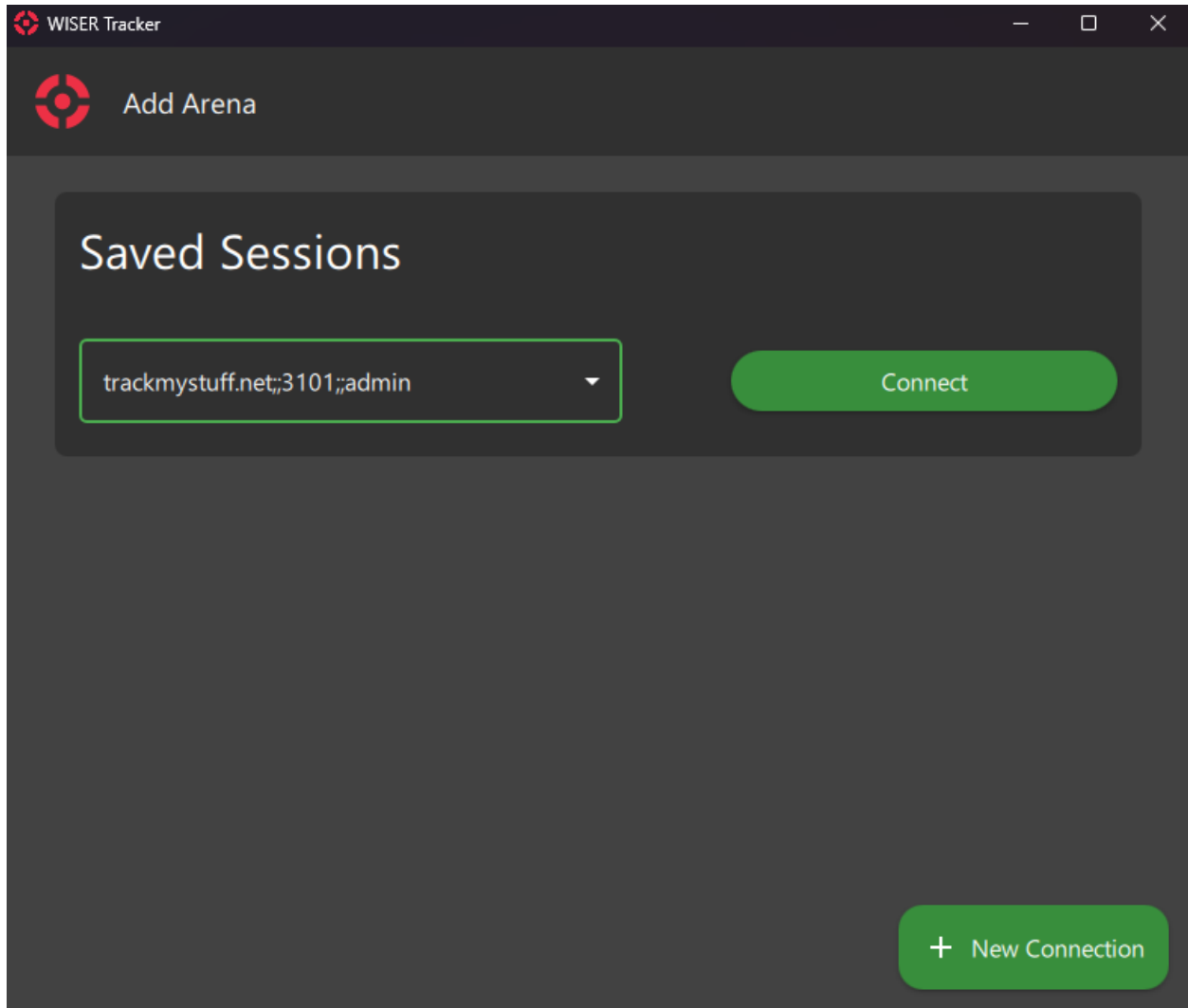
2.1.7 Visibility Panel

You can configure the visibility of some features. These options are also available on the [Application](#) Settings Screen.

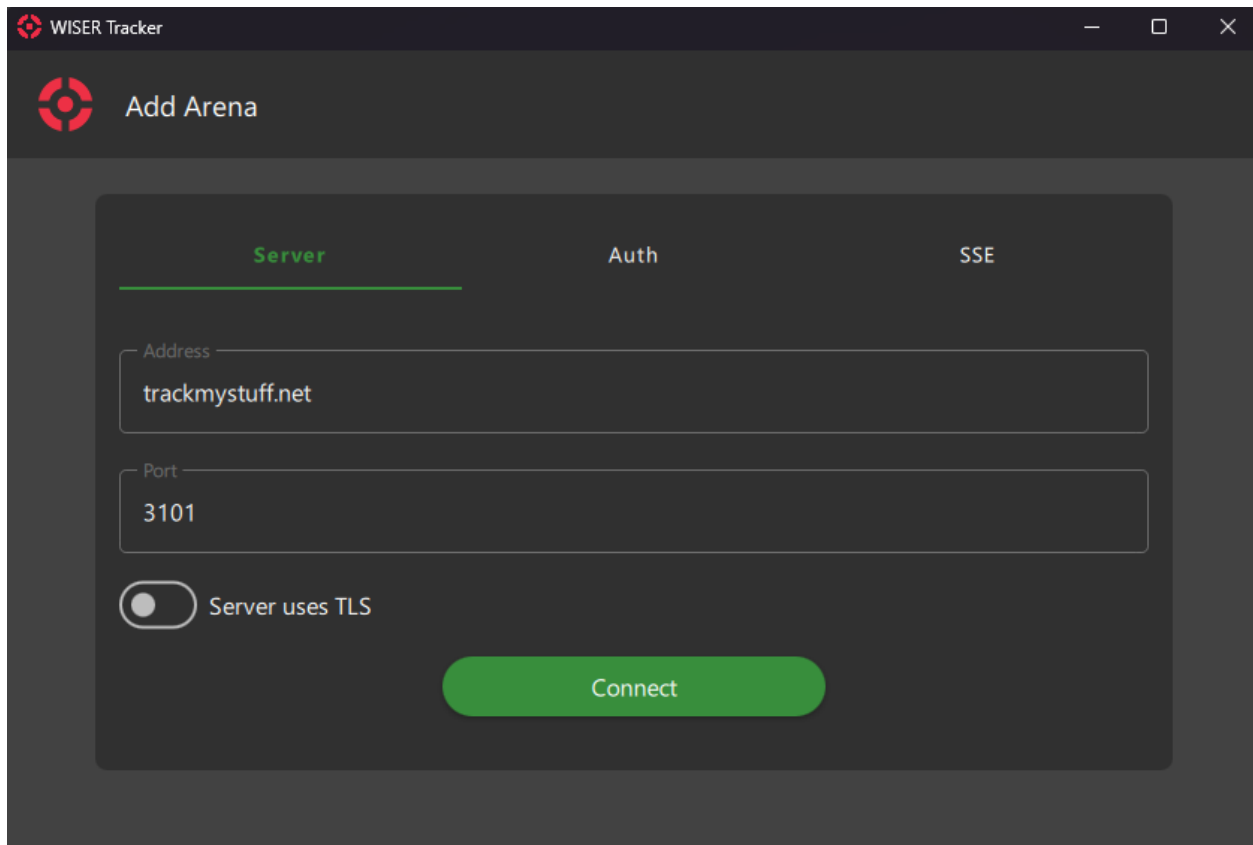


2.2 Add Arena

This Page Might show a **Saved Session Section** on Top if you have saved Sessions. To add a new Arena, click the **New Connection** button and a new section will fill the space below.



If you don't have any **Saved Sessions**, the following layout will be visible.



Below the **New Connection** text, you can see that there are 3 available **Tabs**, the first, **Server** is already selected.

2.2.1 Server Tab

Type your arena's Server Address and Server Port. The same data set up in the Tracker Server.

Server Uses TLS

Check this option if the server is configured to use TLS

2.2.2 Auth Tab

CAUTION

If your server is open to a public network, we advise you to set up Authentication.

Here you can type your server's configured authentication.

If you didn't set up any Authentication, you can leave these fields empty.

NOTE

Some features require Authentication to be configured and enabled.

2.2.3 SSE (Server Sent Event) Tab

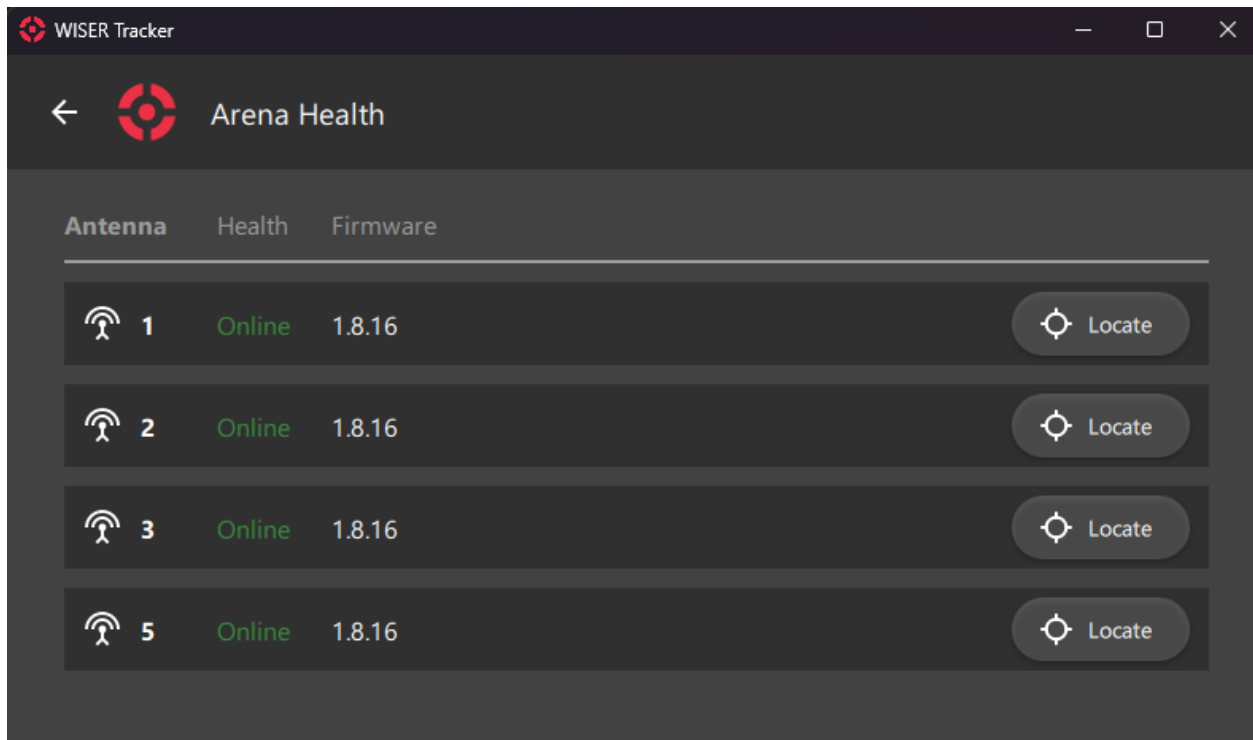
Type your arena's SSE Address and SSE Port. The same data is set up in the Tracker Server.

NOTE

For SSE, Authentication is required.

2.3 Arena Health

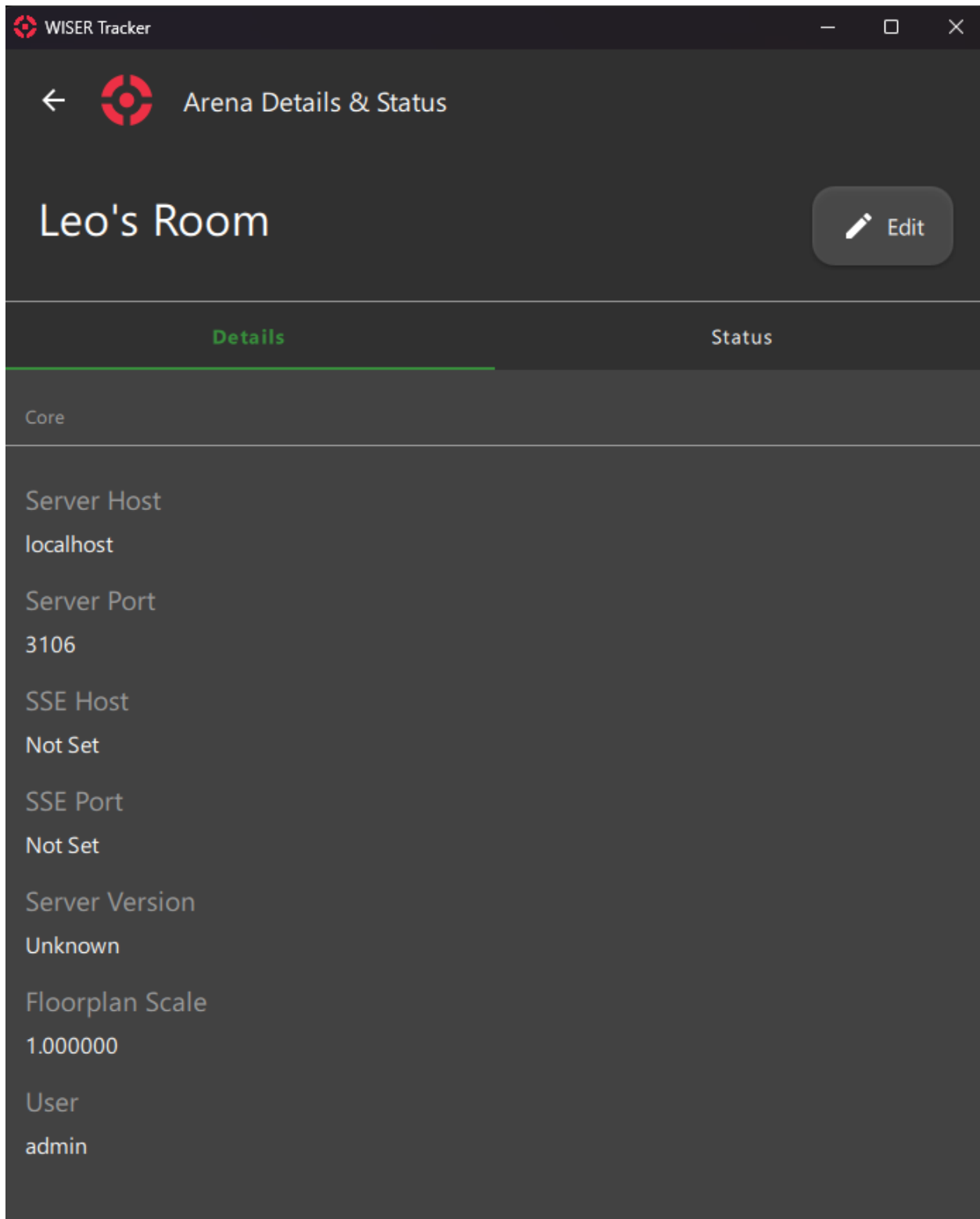
Currently, only Antennas Health are Available. You can check some information and locate them on arena.



2.4 Arena Details & Status

You can use this screen to change the Arena's name and check some details and status.

2.4.1 Connection Info

**NOTE**

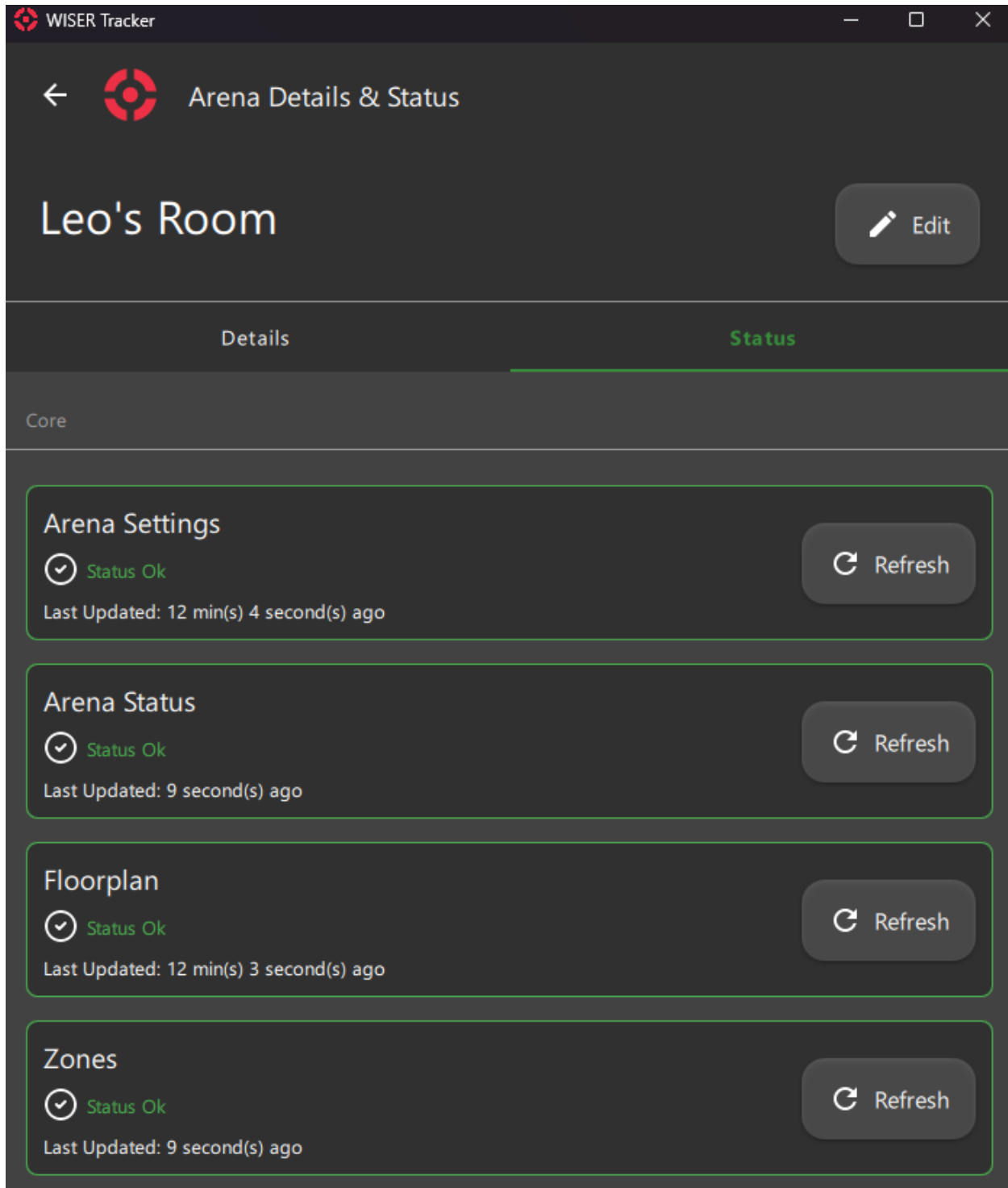
Server Version is only available for servers running version 2.18.49 or later.

2.4.2 User Permissions

Coming Soon

2.4.3 Status

The app constantly retrieves information from the Wiser Server. This page is a good way to see if any connection is showing problems.



3 Session

3.1 Session

3.1.1 Save Session

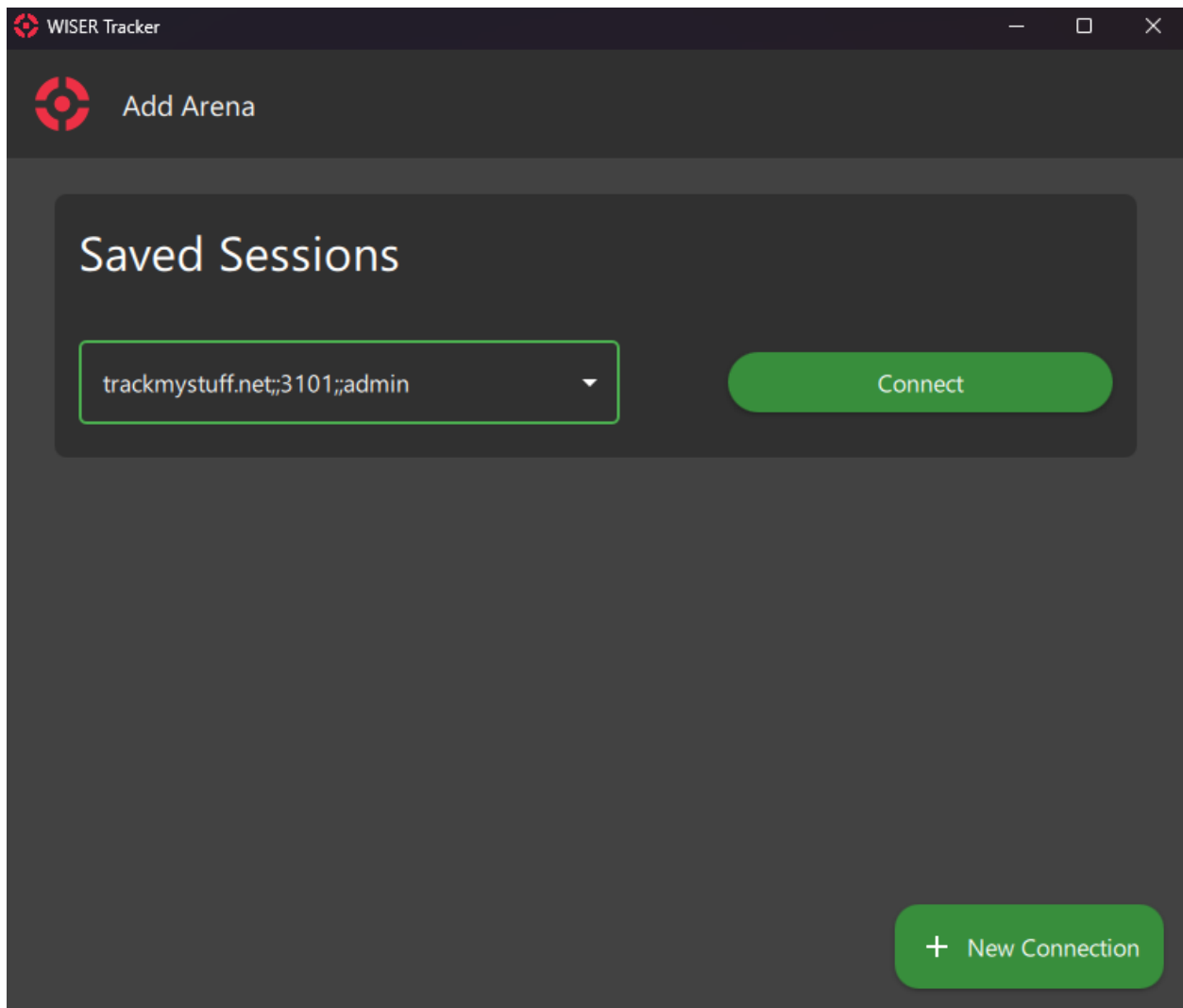
To Save a Session you must be at **Home Screen** and go to the **Main Menu** and Click the option **Save Session**.

A dialog will open and you will be able to write a name for your session.

All connected Arenas will be saved in the Session alongside their respective **Auth** configuration.

3.1.2 Connect to Session

All saved sessions will be displayed on the [Add Arena](#) Screen. You can use the dropdown and Click the **Connect** button.



3.1.3 Session Manager

Currently, on this screen, you can see all your saved sessions and the Arena's Connection associated.

3.1.4 Delete Session

1. Go to the Session Manager Screen
2. Use the dropdown to select the Session you want to Delete
3. Click the **Delete Session** button and Confirm

3.1.5 Use Saved Session on New Install

Since Version 4.0 you can use a station saved sessions for new installations.

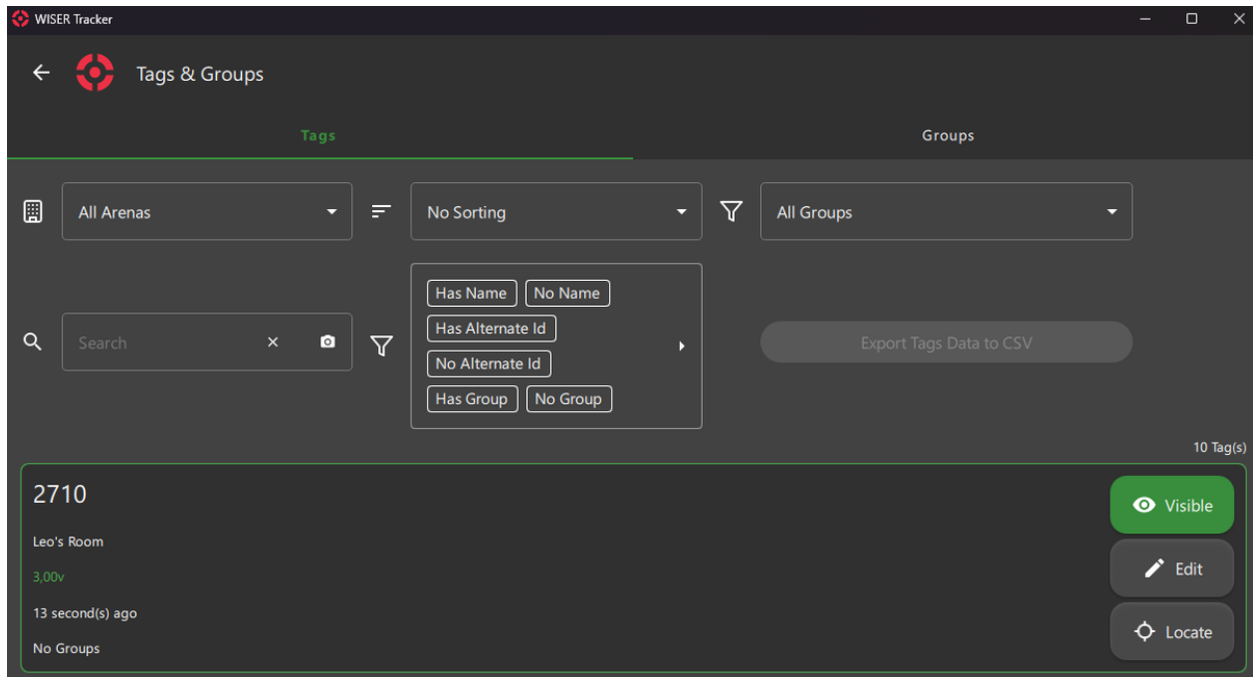
Check [Quick Start](#) for more information.

4 Tag

4.1 Tags & Groups

This Screen is available from the Main Menu on the [First Steps: Home Screen](#) and in here, you will be able to List, See, and Edit Tags and Groups.

You can toggle Tag or Group View in the top Tab Bar.



New Groups

To create new Groups, select the **Group** option in the top Tab Bar and a **Floating Button** will be available in the **Bottom Right** corner of the Screen

4.1.1 Filters & Actions

Arena Filter

By Default the **All Arenas** options will be selected and it will list all Tags and Groups from connected Arenas.

Selecting an Arena will also set that Arena as active (in the Home Screen).

Search Filter

- Search Groups by Name.
- Search Tags by Hex ID, Name or Alternate ID.

NOTE

Search will ignore whitespaces.

If your tag is set to "My Tag - 1234", you can type "MyTag-1234".

Sort

You can select the sort of your liking from various options. The **Sort** option will revert back to default every time you leave the screen.

Group Filter

You can list Tags from **All Groups** or Select a single Group.

Property Filter

Mix the available options:

- Has Extra Info: Will List Tags that have an Extra Info
- No Extra Info: Will List Tags without an Extra Info
- Has Alternate ID: Will List Tags that have an Alternate ID
- No Alternate ID: Will List Tags without an Alternate ID
- Has Group: Will List Tags that are in a group
- No Group: Will List Tags without any group
- Is Inactive: Will List Tags that Never got a Location/Ping
- Not Inactive: Will List Tags that Got a Location/Ping at some point

Export Tag Data to CSV

- A single Arena must be selected.
- We use ; as **Separator**.
- Unit System (**Imperial** or **Metric**) from the [Application](#) Settings Screen will be used.

4.1.2 Cards Action Buttons

Visibility

- Tags & Groups can have their visibility toggled.
- Timeout Tags can not be set to visible.
- Tags Added to a Group will replicate its Visibility.
- Tags Removed from a Group will be set to Visible.
- Groups will propagate their visibility to their Tags.

NOTE

After Updating a Group Visibility, you can cherry-pick some tags and set their visibility individually.

NOTE

We currently don't offer a way of setting a Group as Leader/Main/Active.

Tags with more than one Group will replicate the last updated Group Visibility.

Edit

Both Tag and Group offer an Edit Screen. Remember to hit **Save** when you are done.

Locate

This action will move you to the [First Steps: Home Screen](#) and open a [First Steps: 3 Tag Details Panel](#). The app will also automatically switch to Selected Tag's Arena.

NOTE

Even Hidden Tags will show up when you Click **Locate**. They will be visible as long as the Panel is open.

4.2 Tag Assignment

This Screen is a quick way of editing Tags. It works like a shortcut, available from the [First Steps: Home Screen](#)

It is usually used for Assigning new Tags or Setting up a new Work Order for a new Cycle of Operation.

A Barcode Scanner is also available for Devices with a Camera.



Leo's Room

▼

Ignore Tag Not Found Warning

When enabled, Force-Update even if Tag is Unknown to Server

☐

Assign Group

☒

Tag ID

×

Alternate ID

×

Groups

None Selected

▶





Arena Filter

Select the Arena you want to Assign Tags.

Special Options**Ignore Tag Not Found Warning**

Sometimes recently arrived Tags still haven't got a **Ping** from the server and so, they are **Unknown**.

To avoid such warning and a **Failed Update**, you can toggle this option.

Assign Group

This option will enable/disable the **Groups** Field

Input Fields**Tag ID**

Tag Hex ID

You can use a Keyboard, a Portable Barcode Scanner or your Device's Camera.

Alternate ID

You can use any kind of internal ID, like **Work Order**, **Part Number** and so on.

Groups

Select Pre-defined Groups

NOTE

Assign Group Option must be Enabled

Camera Preview

Camera-Available Devices will have a Preview Screen. You can click the Gear Icon for a few Settings and Camera Device Selection.

4.3 Tag Extra Properties

Since server version **"2.19.44"** and internal app version **"4.2.0"**, you can configure up to five extra properties for all tags. This feature is still experimental, and we will keep improving it.

To set it up, open the app and go to: Settings > Tracking

 Settings - Tracking

Tag Extra Properties

#1 Name

Create Date

#2 Name

Weight

#3 Name

Work Order

#4 Name

Default Extra Field 4

#5 Name

Default Extra Field 5

When you are done customizing them, leave the screen and those option will be available to edit at Tag Edit Screen and Tag Assignment Screen.

 Tag Edit

Bob WO

Tag ID (Wiser ID)
3005 (12293)

Alternate ID

Bob WO × 

#1 Create Date

None × 

#2 Weight

9.5 × 

#3 Work Order

WO6382 × 

You will also be able to see those fields in the Tag Info Panel (Arena Map)

 Bob WO [3005] 

Alternate ID: Bob WO

#1 Create Date: None

#2 Weight: 9.5

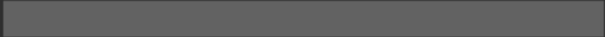
#3 Work Order: WO6382

Height: 71 cm

Battery: 3,30v

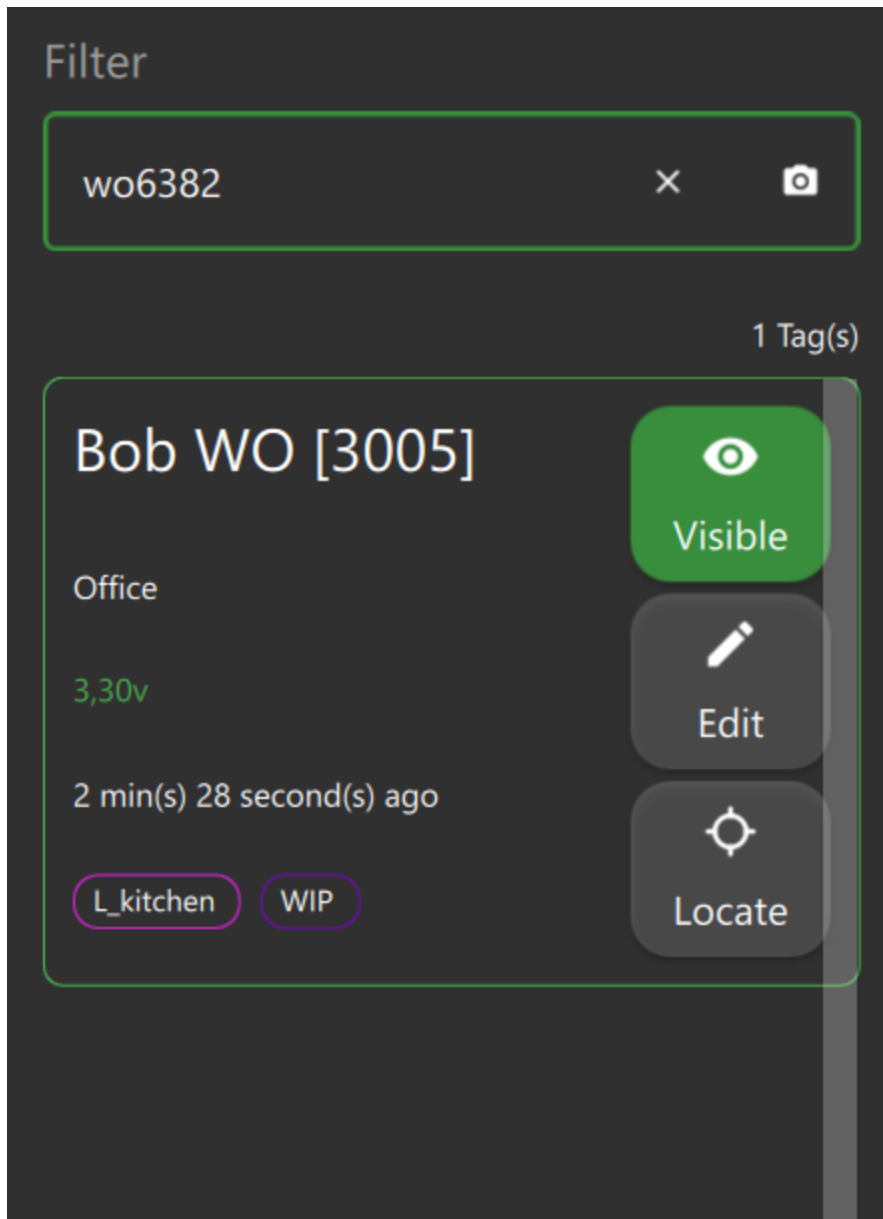
Last Seen: 1 min(s) 24 second(s) ago

Groups: L_kitchen WIP



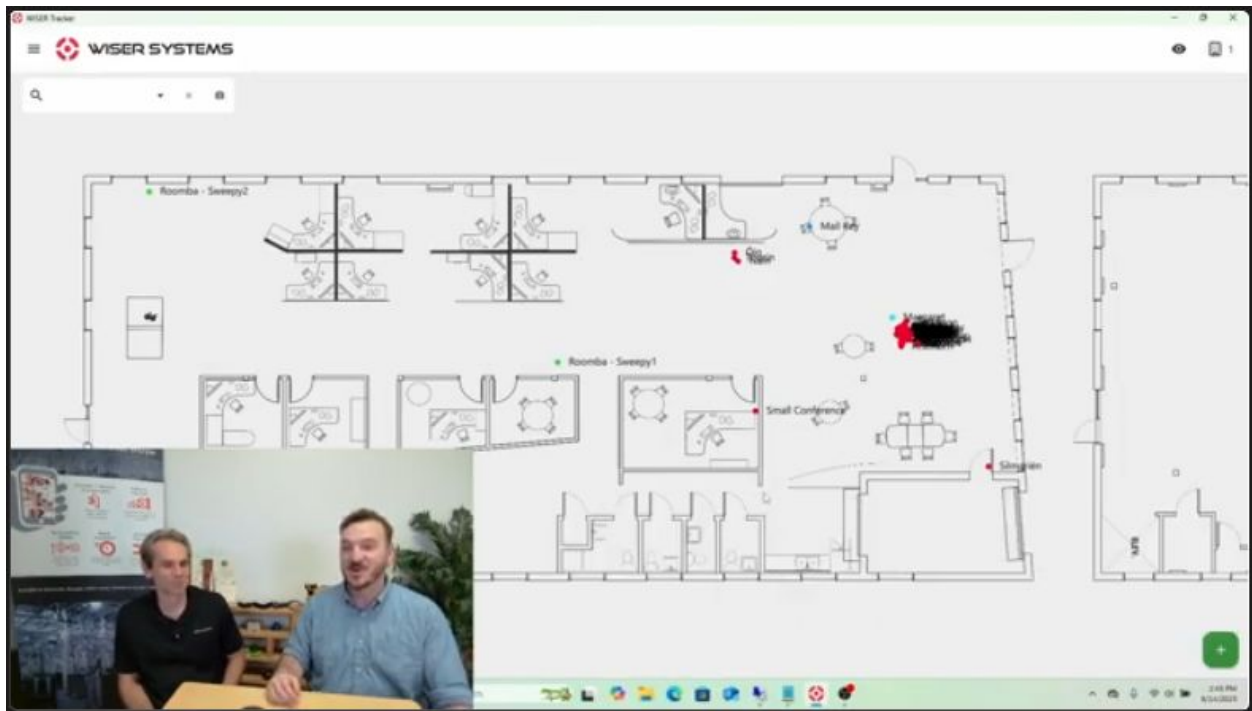
 **Active Tracking Disabled**

and they are also searchable!



4.4 Tag Rules

https://www.youtube.com/watch?v=QjL_eeHo_QU

**WARNING**

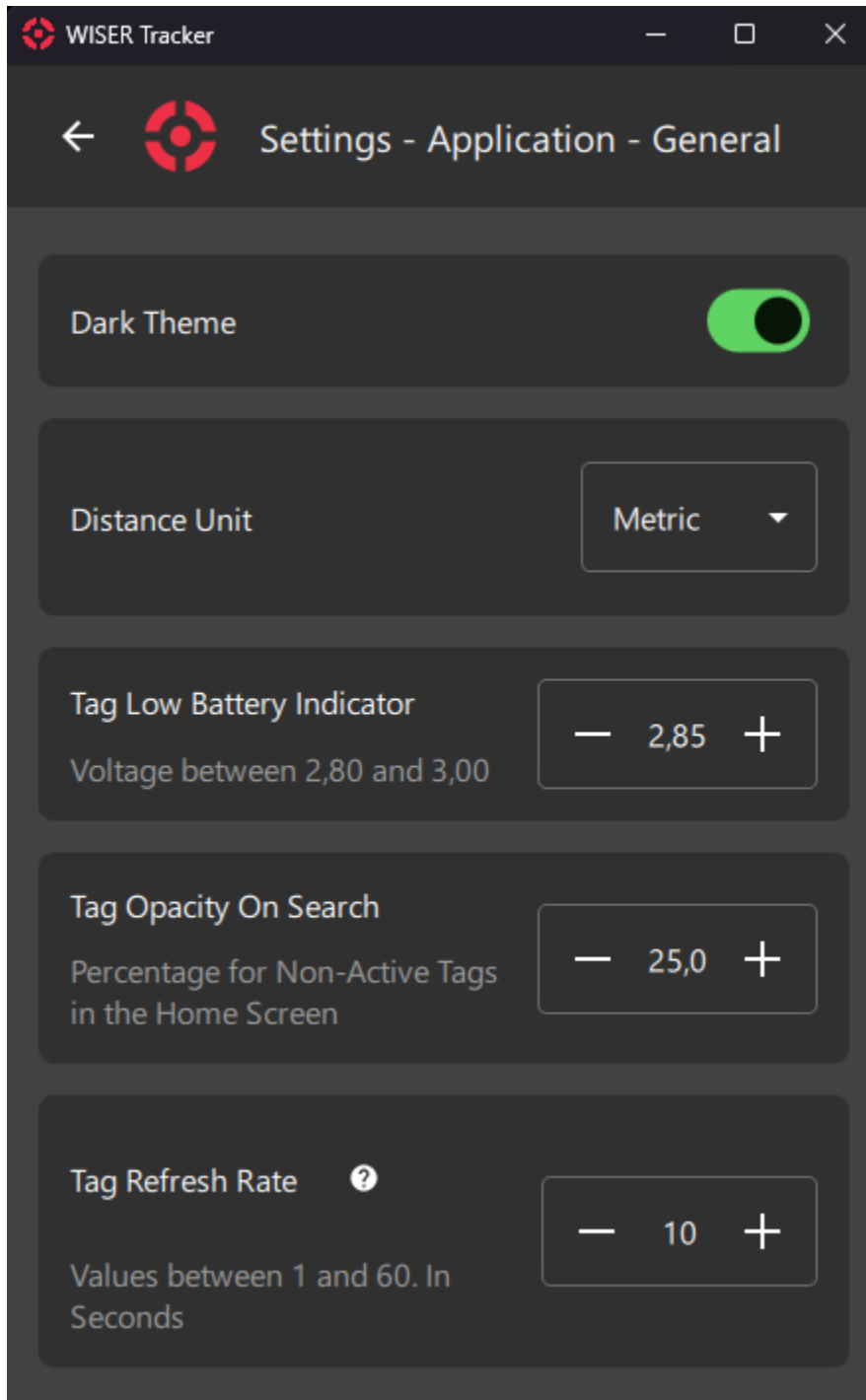
This page is a work-in-progress. Please be patient with our mess.

5 Settings

5.1 Application

These Settings are all Related to the App Only. Nothing will be saved or requested to the Wiser Server.

5.1.1 General



Dark Theme

Dark Theme will darken all colors across the App. This will help take some of the strain off your eyes and decrease energy consumption.

Distance Unit

Select Distance Unit for usage in the App. Either Metric or Imperial (Default).

Tag Low Battery Indicator

Select voltage for the Low Battery Indicator. This indicator will be displayed on the **Home Screen**.

Tag Opacity On Search

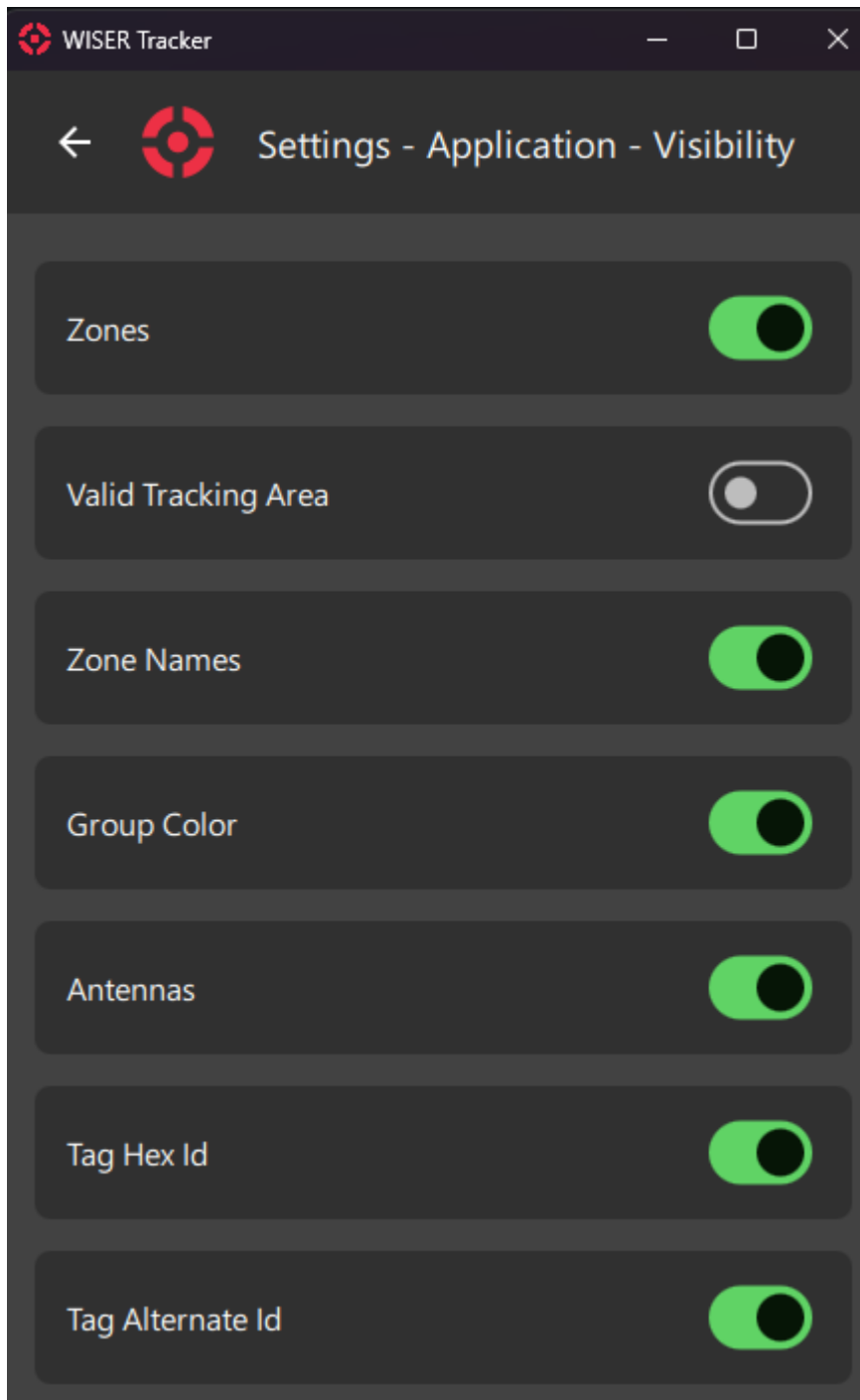
Selecting a Tag, by Clicking on it, Search or Locate Button will set all others tags opacity to this value.

Tag Refresh Rate

How Often the App Requests Updated Info from the API.

5.1.2 Visibility

Changes will take effect on the **Home Screen**. These Options are also available at Home Screen > [First Steps: 8 Visibility Panel](#)

**Zones**

Display Zones.

Valid Tracking Area

Display Valid Tracking Area.

Zone Names

Display Zone Names.

NOTE

The name will be displayed next to the first point created.

Group Color

Display Tag in **Group Color**, instead of the default **Red** color.

NOTE

We currently don't offer a way of setting a Group as Leader/Main/Active.

Tags with more than one Group will use the first Group's colors from the PassiveTag Endpoint.

Antennas

Display Antennas

Tag Hex ID

Display Tag Hex Id

Tag Alternate ID

Display Tag Alternate Id

Tag Coordinates

Display Tag's Coordinates (X, Y, Z) below the Name.

Simplify Tag Icon

Display Tags as **Dots**. When using a large number of Tags, using just a **Dot** might have a less crowded visualization.

Zone Halo Around Tag

Display a colored halo with the Zone's color around the tag, for Every overlapping zone.

Display Points

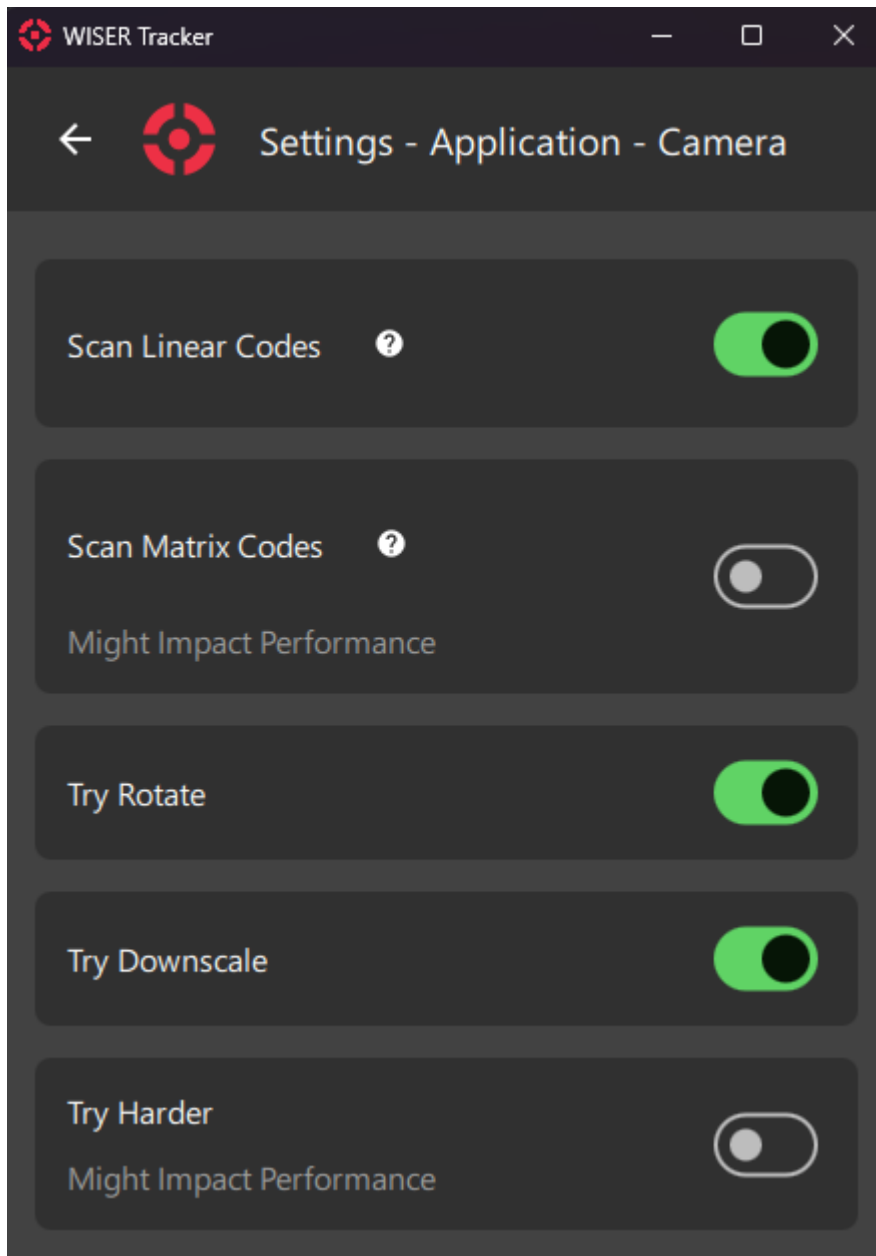
Display Tag Points on the **Home Screen**. Available in History Mode.

Display Spaghetti Diagram

Display a Spaghetti Diagram on the **Home Screen**. Available in History Mode.

5.1.3 Camera

These Settings are also available inside the Camera Preview by Clicking the **Gear Icon**.

**Scan Linear Codes**

Scan Classic Barcodes:

- Codabar
- Code39
- Code93
- Code128
- DataBar
- DataBarExpanded
- EAN-8
- EAN-13
- ITF
- UPC-A

- UPC-E

NOTE

To Scan Wiser Tags, using the Camera, this option must be enabled.

Scan Matrix Codes

Scan Matrix and QR Codes:

- Aztec
- DataMatrix
- MaxiCode
- PDF417
- QRCode
- MicroQRCode

NOTE

May impact performance

Try Rotate

Rotate the Image, internally, to help detection.

Try Downscale

Downscale Image, internally, to help detection.

Try Harder

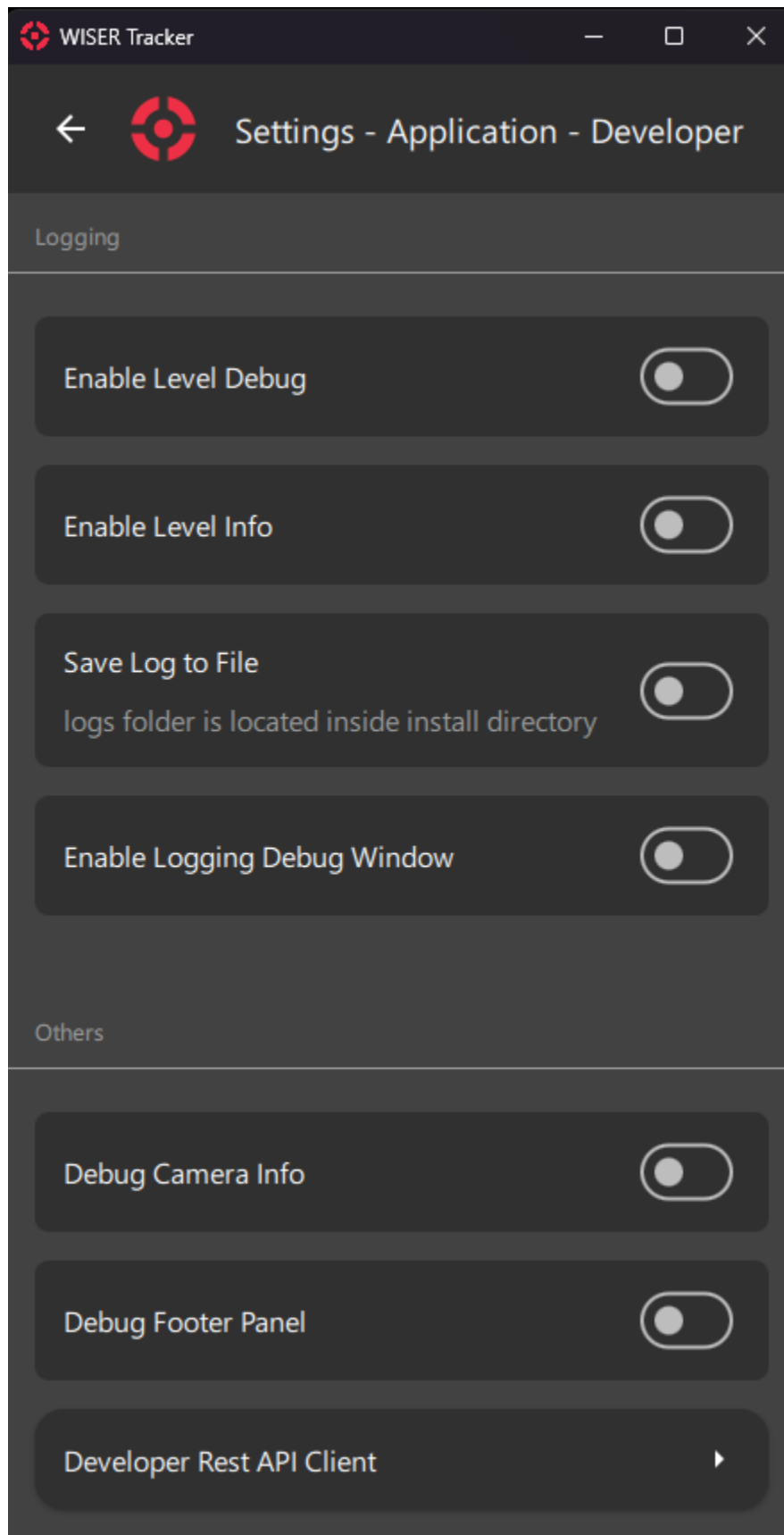
Tries Harder.

NOTE

May impact performance

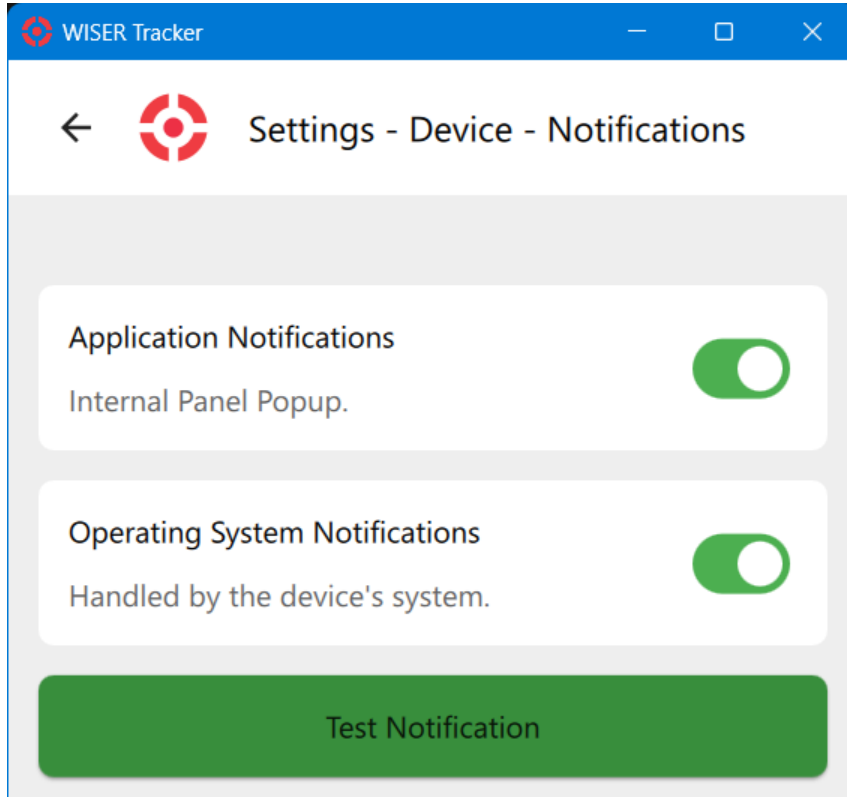
5.1.4 Developer

Developer Settings Used by Wiser Team in Support Calls



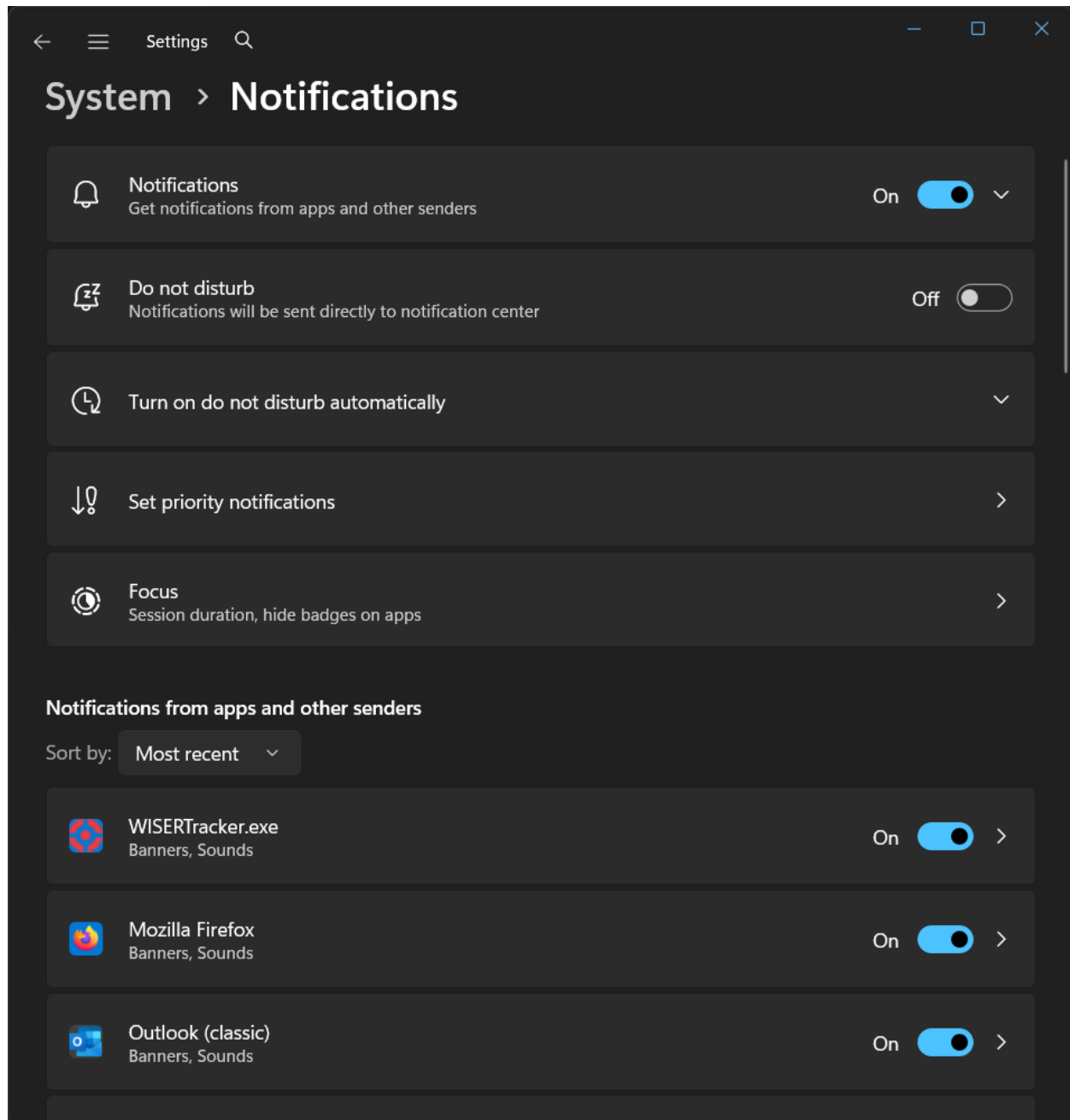
5.2 Notifications

Notifications of system events, changes in system health, and notifications triggered by Rules can be displayed both inside the App and as operating system notifications. Operating System notifications will typically require additional permissions in the operating system. Use the Test Notification button to verify behavior.



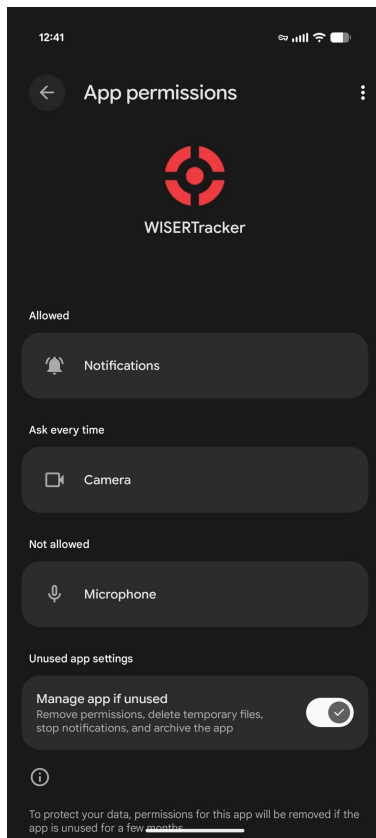
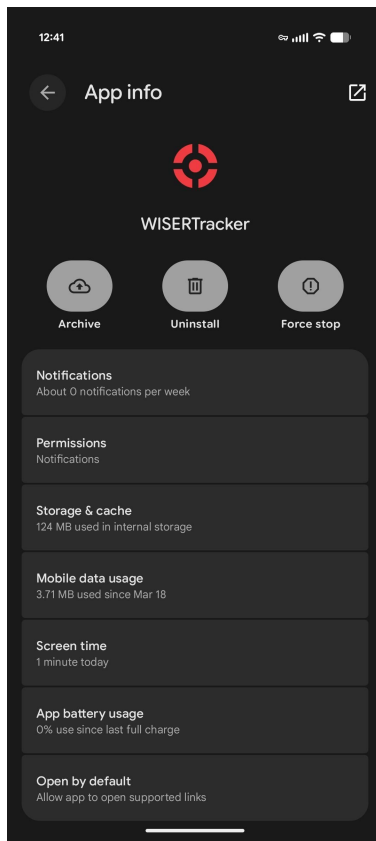
5.2.1 Windows 11

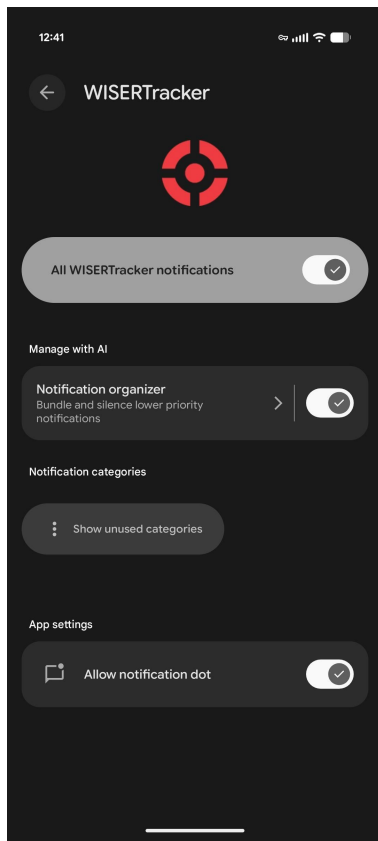
The notification permission can be found under Windows Start Menu → Settings App → System tab → Notifications. Enable notifications both globally and for WISERTracker.exe.



5.2.2 Android

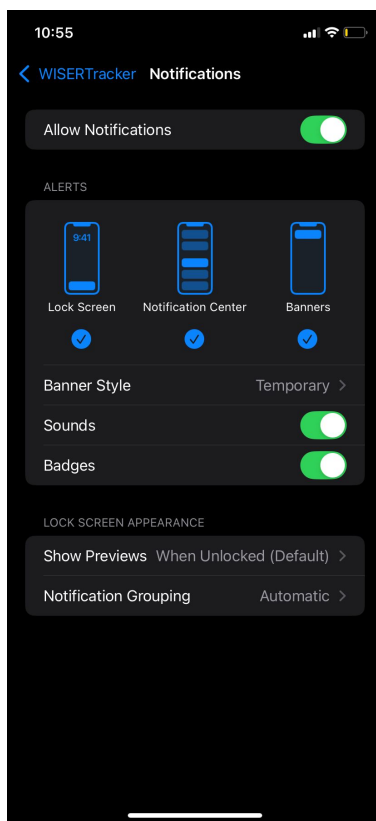
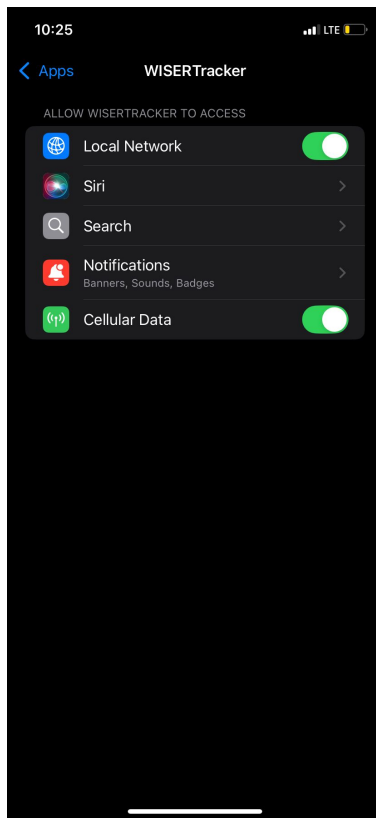
The notification permission location can vary by version of Android. It can typically be found under Settings → Apps → WISER Tracker → Permissions → Notifications.



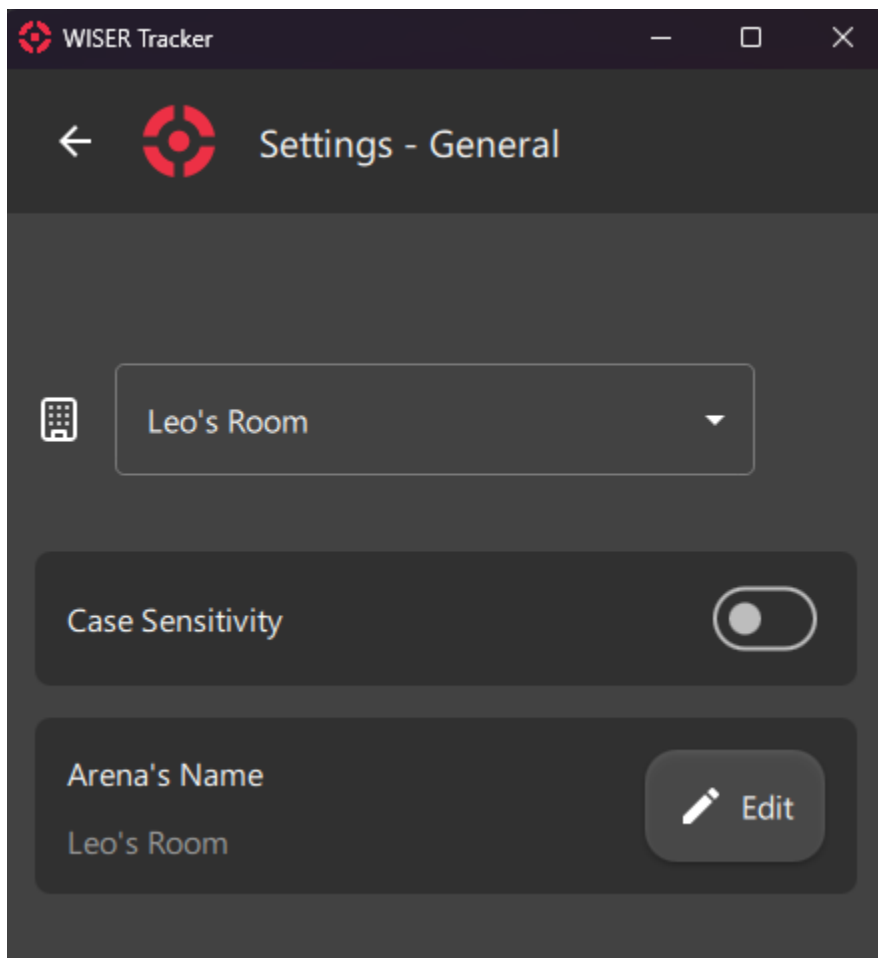


5.2.3 Apple iOS

The notification permission can be enabled under Settings → Apps → WISERTracker.



5.3 Server General



Case Sensitivity

Set if **Labels** like **Name** and **Alternate ID** should be Case Sensitive or Not.

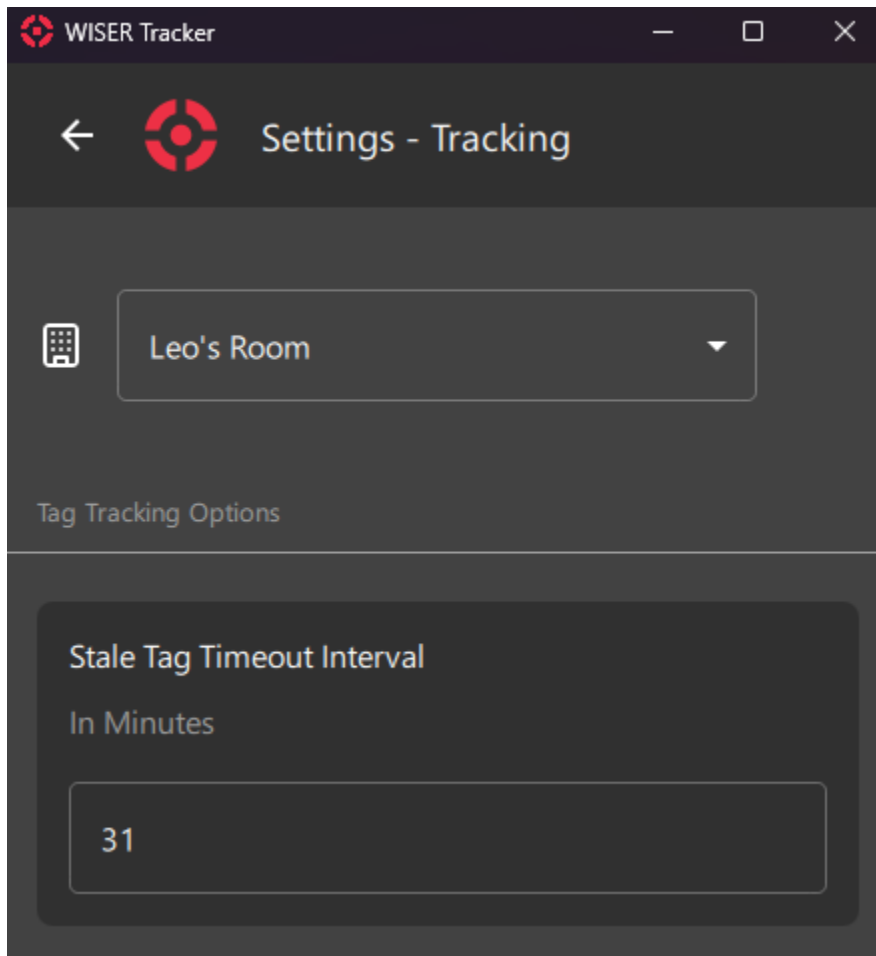
Arena's Name

Update Arena's Name

NOTE

Empty Names are not Allowed

5.4 Tracking



Stale Tag Timeout Interval

Set Interval, in minutes, in which Tags will be set as Stale.

NOTE

Stale Tags will be set to Hidden

5.5 Floorplan

WARNING

This feature is not yet fully supported by WISER Server. Changes must still be manually saved in the Server Application UI to persist through restart.

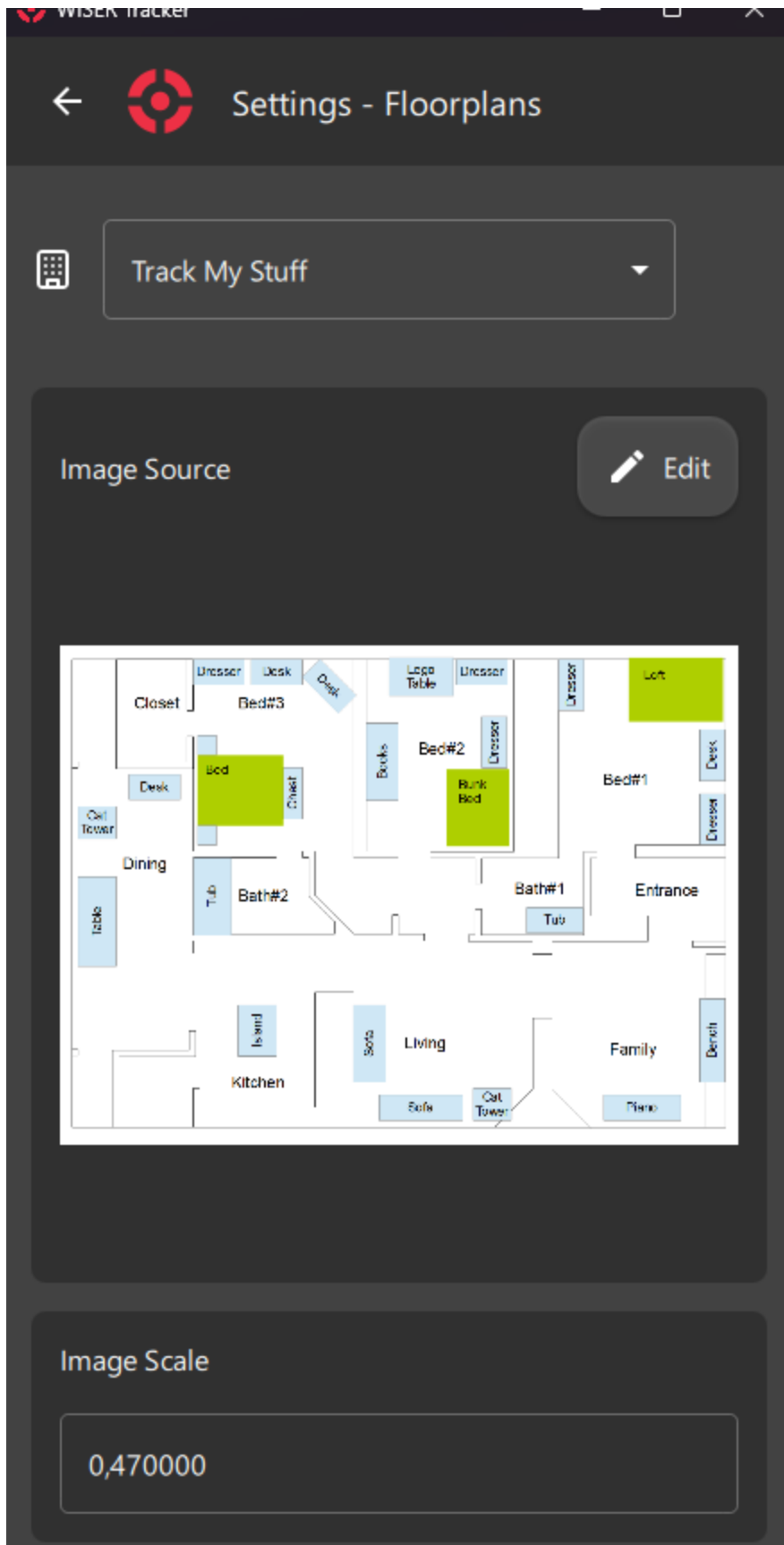


Image Source

Update Floorplan Image

Image Scale

Update Floorplan's Scale

6 Others

6.1 Release Notes

Version 5.4.0 - Apr 21, 2026

- **[ADDED]** New Download Button for App & Dev Logs on Dev Settings (Requires Server v2.20.22)
- **[FIXED]** Fix Filter Tag Options Selection
- **[FIXED]** Fix Settings not saving properly
- **[FIXED]** Map Screen: Tags would not load properly or take too long
- **[IMPROVED]** Map Screen: Improve Performance
- **[IMPROVED]** Health Status Detection

Version 5.3.2 - Apr 06, 2026

- **[FIXED]** Fix Map Refresh on Mobile

Version 5.3.1 - Apr 02, 2026

- **[ADDED]** New Group Created Notification
- **[FIXED]** Fix Tag CSV Export
- **[FIXED]** Fix Group List Refresh after New Group Creation
- **[IMPROVED]** Add Internal Basic Endpoint Response Validation
- **[IMPROVED]** Tag Assignment: Sanitize Barcode Scan for Tag ID

Version 5.3.0 - Mar 12, 2026

- **[ADDED]** Session Overwrite Warning
- **[CHANGED]** Tag Assignment: Changed the logic of Unknown Tags. No settings required anymore, the App will always notify this condition
- **[IMPROVED]** Map Screen: Search Filter Less Restricted (Stale Tags will be displayed)
- **[IMPROVED]** List Selection Screen: Added Group Name to Tag Card
- **[IMPROVED]** List Selection Screen: Improved Filter to filter by Group Name and Tag Extra Properties
- **[FIXED]** Tag Assignment: Arena Switching Properly Updates Internal Data
- **[FIXED]** Tag Assignment: Tag Extra Properties shows up now for Unknown Tags
- **[FIXED]** Map Screen: Tags would not load properly or take too long
- **[FIXED]** Map Screen: Sometimes the Map Would Stop Working
- **[FIXED]** Tag Management Screen: Fix Groups not being Filtered by Arena
- **[FIXED]** Tag Management Screen: Fix Hidden Entities Display based on Selected Arena
- **[FIXED]** Fix Hidden Entities Save & Load

Version 5.2.1 - Jan 09, 2026

- **[FIXED]** Antenna Height Data

Version 5.2.0 - Dec 24, 2025

- **[CHANGED]** Map Search merged with "Map Filters" and it will filter displayed tags based on input
- **[CHANGED]** Tag Listings wont display all tags by default anymore (but that behavior is still accessible)
- **[IMPROVED]** When a filter is active, the filter icon in the Arena Map Screen will be highlighted in green

- **[IMPROVED]** Server Version will have a dedicated pane, on Arena Health, just like the App Version
- **[IMPROVED]** In-place error messages updated design
- **[IMPROVED]** Overall Performance
- **[FIXED]** Sometimes locating a tag would add ghost tags in the background
- **[FIXED]** Sometimes Tag listings would snap to top or become sluggish

Version 5.1.0 - Nov 14, 2025

- **[ADDED]** Arena Health Drawer: Refresh Antennas from the Antenna Section
- **[ADDED]** Notification Settings Screen
- **[ADDED]** Tag Assignment: Warning Tag is Low on Battery or Offline (Tag must be known to server)
- **[FIXED]** Tag Rules Subscribe/Unsubscribe
- **[FIXED]** Arena Map Screen: Search Drawer not always closing after clicking the Locate Button
- **[IMPROVED]** Add Arena Screen: Improved Session Listing
- **[IMPROVED]** Scaled Floorplan can be toggled on/off at the Settings Screen (Off by default)
- **[IMPROVED]** Antennas Loading at the Arena Map Screen
- **[IMPROVED]** Tag Management Screen: New Group popup now offers Arena Selection
- **[IMPROVED]** Tag Rules: When leaving Tag Groups and Tags Empty, "All Tags" will be considered (Except on Tag Offline rules)

Version 5.0.0 - Sep 16, 2025

- **[ADDED]** New Antenna Panel at "Arena Map Screen"
- **[ADDED]** New "Arena Health Status Icon", available at "Home Screen" and "Arena Map Screen"
- **[ADDED]** New "Arena Health Drawer", available at "Home Screen" and "Arena Map Screen"
- **[ADDED]** New Internal Notification System
- **[ADDED]** New Notification History System (Work In Progress)
- **[ADDED]** New Map Filters
- **[ADDED]** New Camera Scannable Types: DataBarLimited (Linear), DXFilmEdge (Linear) and RMQRCode (Matrix)
- **[ADDED]** New Camera Scanning option: "Try Invert"
- **[CHANGED]** Arena Map moved to its own Screen. Home Screen will, temporary, list available Screens as buttons
- **[CHANGED]** Tag & Groups Screen: Export Tags Data Button moved to the Navigation Bar
- **[CHANGED]** Tag Panel will not auto-track a tag by default. User Action is required now
- **[CHANGED]** Rename Settings: "Application" to "Device"
- **[IMPROVED]** Improved Tag Panel at Arena Map Screen
- **[IMPROVED]** Tag & Groups Screen: On Small screens, filters will be available from the Navigation Bar
- **[IMPROVED]** Overall Performance
- **[REMOVED]** Previous "Arena Health Screen" and "Arena Details & Status Screen" were removed in favor of the new "Arena Health Drawer"

Version 4.2.0 - Dec 09, 2024 (Internal Release)

- **[ADDED]** New 5 Custom Properties to Tags
- **[FIXED]** Tag & Groups Screen: Fixed Filter Search not always filtering correctly

Version 4.1.2 - Mar 17, 2025

- **[FIXED]** Fixed Rare Crash at Map Screen

- **[FIXED]** Fixed Delay When Selecting Zones at Tag Rules Screen

Version 4.1.1 - Aug 22, 2024

- **[FIXED]** Fix Select All Toggle Not Selecting All in Some Scenarios

Version 4.1.0 - Aug 14, 2024

- **[ADDED]** New Select All Toggle on Some Screens with selectable Items
- **[CHANGED]** Badge Input Forms with more than 10 items will only display an info text
- **[FIXED]** Fixed Scrolling Boundaries on Some Screens
- **[FIXED]** Fixed Maximum Entries Notation at Tag Rules Details Screen
- **[FIXED]** Fix Removal of Tags at Group Edit Screen

Version 4.0.11 - Jul 22, 2024

- **[FIXED]** Fixed Connection Mismatch on Hostname with Mixed Case
- **[CHANGED]** Updated “Help” and “Release Notes” Links

Version 4.0.10 - Jul 11, 2024

- **[IMPROVED]** Improved Logs

Version 4.0.9 - Jun 21, 2024

- **[FIXED]** Antenna listings on some screens
- **[FIXED]** Drag Handler interfering with Menu
- **[IMPROVED]** Add Zone & Tag Group Info to CSV Export
- **[REMOVED]** Tag History Mode

Version 4.0.8 - May 01, 2024

- **[FIXED]** Active Items out of sync on long lists
- **[FIXED]** Drag Handler requiring 2 fingers to move the floorplan, instead of 1
- **[FIXED]** “Erase Tag Data” delay on “Tag Assignment” Screen
- **[FIXED]** Fix Arena Filter Not Property Propagating the Change

Version 4.0.7 - Mar 12, 2024

- **[ADDED]** New Console-Like Debug Window for Logs
- **[ADDED]** Log to File
- **[ADDED]** Better Feedback on Tag Rules Screen if you open it from the Server GUI
- **[ADDED]** CLI Option to Update Existing Session Password
- **[ADDED]** Visibility: New Option to Display Zone Name
- **[ADDED]** Visibility: New Option to Display Valid Tracking Area
- **[ADDED]** New Developer Settings
- **[ADDED]** New Camera Settings
- **[ADDED]** New Tag Low Battery Setting
- **[ADDED]** New Tag Opacity Setting
- **[ADDED]** Server Version to Arena Details Screen
- **[ADDED]** User Permissions to Arena Details Screen
- **[ADDED]** Basic Rest API Client in Developer Settings
- **[ADDED]** Context Menu on Some Forms
- **[ADDED]** Add Filtering by Tag Group
- **[ADDED]** Add Filtering by Tag Properties
- **[ADDED]** Add Android Back Button Detection
- **[ADDED]** Add SSE Reset on Subscribing or Unsubscribing Tag Rule

- **[ADDED]** Add Camera Permission Detection and Request Button
- **[CHANGED]** Tags will still display (Last known data) even if the Arena is set to Not Tracking.
- **[CHANGED]** Selecting an Arena in any dropdown will also set that Arena as Active in the App
- **[CHANGED]** Visibility: "Tag Label" Option replaced by "Tag Hex Id". You can now select the labels you want to see
- **[CHANGED]** Settings will now be stored in an "ini" file (Windows Desktop)
- **[CHANGED]** Sessions will now be stored in an "ini" file (Windows Desktop)
- **[CHANGED]** Changed "Reset Zoom" to "Fit Zoom"
- **[CHANGED]** Tag History will only activate after selecting a tag
- **[FIXED]** Sometimes using the scroll wheel on other screens would change the arena's zoom
- **[FIXED]** Search Autofill
- **[FIXED]** Tag Hidden Status after joining or leaving a group
- **[IMPROVED]** New Tag Assignment Screen with more edit options
- **[IMPROVED]** Export Tags to CSV will detect Distance Unit settings
- **[IMPROVED]** Camera Scanner Improved
- **[IMPROVED]** Server First Load Improved Performance
- **[IMPROVED]** Tag History Improved Performance
- **[IMPROVED]** Tag & Groups Screen Improved Performance
- **[IMPROVED]** Memory Usage Improved
- **[IMPROVED]** Improved Filter Search on Tag & Groups Screen
- **[IMPROVED]** Improved UX and UI
- **[IMPROVED]** Tag's Label will wrap instead of elide on Tag Listing Screens
- **[REMOVED]** Visibility: Removed Option to Display Tag Ids in Decimal

Version 3.4.2 - Sep 14, 2023

- **[FIXED]** iOS Notification System Build
- **[FIXED]** Fix Antennas Initial Position Shift

Version 3.4.1 - Sep 12, 2023

- **[FIXED]** Tag History for Active Tag
- **[IMPROVED]** Tag History Performance

Version 3.4.0 - Aug 28, 2023

- **[ADDED]** Support for Tag Update via SSE Connection
- **[ADDED]** Added "Export Tag Data to CSV" Button at Tag & Groups Screen
- **[FIXED]** The app would halt in the absence of a floorplan image
- **[FIXED]** Floorplan Image no longer clips tags out of boundary
- **[FIXED]** Tag History Icon Color
- **[IMPROVED]** New Panel Zoom Icons
- **[IMPROVED]** Renamed "Tag Rules" Screen
- **[IMPROVED]** Improved Performance
- **[IMPROVED]** "Dead Tags" will show up in the "Tag & Groups" Screen
- **[REMOVED]** Removed Tag Coordinates from Tag Info Panel

Version 3.3.4 - Jul 14, 2023

- **[FIXED]** Fix Floorplan Image Settings Update
- **[FIXED]** Allow Large Floorplan Image

Version 3.3.3 - Jun 27, 2023

- **[FIXED]** App Crashes on "No camera detected" Error

Version 3.3.2 - Jun 23, 2023

- **[ADDED]** Alternate Id as Tag Label Visibility Option
- **[FIXED]** Connection Drop on SSE Subscription Error
- **[FIXED]** Floorplan settings unavailable

Version 3.3.0 - Apr 27, 2023

- **[ADDED]** Added Tag Name To Tags in History Mode (at the last position)
- **[ADDED]** Added some visual feedback on barcode scanning
- **[FIXED]** Sometimes graphics artifacts would show up on screen on some Intel machines
- **[IMPROVED]** Upgraded Barcode Library
- **[IMPROVED]** Upgraded Keychain Library
- **[IMPROVED]** Upgraded Qt Version
- **[IMPROVED]** Sorting when changing view at "Tag & Groups Screen"

Version 3.2.0

- **[ADDED]** Desktop System Notification
- **[ADDED]** Android System Notification
- **[ADDED]** iOS System Notification
- **[ADDED]** Desktop System Tray Icon
- **[ADDED]** SSE Connection (Requires Server Auth)
- **[ADDED]** Subscription Button at "Tag Rules Screen" (Requires WISER Server Version 2.18.36 or above)
- **[FIXED]** "Tag Rules Screen" will show a message when there are no rules to be listed
- **[FIXED]** Sometimes an Auth Error would show up on screen just before a successful operation
- **[FIXED]** Sometimes when Maximized, the app would have a blurred resolution
- **[IMPROVED]** "Add Arena Screen" Redesign
- **[IMPROVED]** "Session Manager Screen" now shows SSE Connection Information
- **[IMPROVED]** Sessions will now save SSE Information if available
- **[IMPROVED]** "Arena Details Screen" now shows SSE Connection & Subscription Information

Version 3.1.3 - Apr 04, 2023

- **[FIXED]** When switching Arenas on "Tag Rules Details" Screen, Arena content would not update
- **[IMPROVED]** "Extra Info" property is now Searchable on "Tag & Groups" Screen
- **[IMPROVED]** "Tag Rules" Screen will now have the option to list "All Arenas"
- **[IMPROVED]** "Tag & Groups" Screen will now allow scroll bar dragging
- **[IMPROVED]** Improved data refresh on "Tag & Groups" Screen
- **[IMPROVED]** Improved data refresh on "Tag Assignment & Unassignment" Screen

Version 3.1.2 - Mar 22, 2023

- **[ADDED]** "Tab" & "Enter" Key Behavior added to "Tag Assignment & Unassignment Screen"
- **[CHANGED]** Tag "Name" property replaced by "Extra Info". For naming tags, use "Alternate ID" property
- **[FIXED]** Search Bar Dropdown now update its content, if needed, when it's open
- **[IMPROVED]** Search Bar Camera Button now opens a quick camera popup
- **[IMPROVED]** "Tag Assignment & Unassignment Screen" will now give better feedback on error and success

Version 3.1.0 - Feb 27, 2023

- **[ADDED]** Windowed/Maximized State will now persist after closing the App

- **[ADDED]** New Option to Update Floorplan Image at Floorplans Setting Screen
- **[ADDED]** New Option to Set “Distance Unit” at Application Setting Screen
- **[ADDED]** New Visibility Options at Visibility Drawer and Application Setting Screen
- **[ADDED]** Dedicated Application Setting Screen
- **[ADDED]** Dedicated General Setting Screen
- **[ADDED]** Dedicated Tracking Setting Screen
- **[ADDED]** Dedicated Floorplans Setting Screen
- **[FIXED]** Sometimes when switching Arenas, the Search Box would not work
- **[FIXED]** Sometimes the Tag Name would show as “NaN” on Group Edit Screen
- **[IMPROVED]** Better Performance when Group Color (Visibility) is Enabled
- **[IMPROVED]** Tags and Groups Visibility will now persist after closing the App
- **[IMPROVED]** On Selection Screens, you can click anywhere on the Card, besides the Checkbox
- **[IMPROVED]** New Icon and Color for Antennas
- **[IMPROVED]** Better Scaling of Tags and Antennas
- **[IMPROVED]** Visibility Options also available on new Application Setting Screen
- **[IMPROVED]** “Settings” Screen Redesign
- **[IMPROVED]** Besides the “Go Back” Button, you can click anywhere on the Navigation Bar to “Go Back”
- **[REMOVED]** Tag History Display Modes were moved to the Visibility Drawer and Application Setting Screen

Version 3.0.2 - Jan 20, 2023

- **[IMPROVED]** Barcode Decoding

Version 3.0.1 - Jan 03, 2023

- **[ADDED]** Menu option for Release Notes
- **[FIXED]** Search Bar Not Selecting Tag After Autocomplete

Version 3.0.0 - Nov 18, 2022

- **[ADDED]** Arena Details Screen
- **[ADDED]** Dark Theme
- **[ADDED]** “Assign Tag” Option added to the “Add Floating Button”
- **[FIXED]** Mouse Does Not Need to be on top of the Arena Image for Zoom (Mouse Wheel) to Work (Desktop)
- **[IMPROVED]** Arena’s Name, if available, will show up in all Arena Listing
- **[IMPROVED]** Arena Centralizes when First Appearing on Screen
- **[IMPROVED]** “Settings” Screen Redesign
- **[IMPROVED]** “Sessions” Screen Redesign
- **[IMPROVED]** “Add Arena” Screen Redesign
- **[IMPROVED]** “Arena Health” Screen Redesign
- **[IMPROVED]** “Tag Assignment” & “Tag Unassignment” Screen Redesign
- **[IMPROVED]** Floorplan Scale Settings integrated with API
- **[IMPROVED]** Tag Timeout Settings integrated with API
- **[IMPROVED]** “Connection” Renamed to “Arena”
- **[IMPROVED]** New Arena Icon
- **[IMPROVED]** Input Dialog Redesign

Version 2.3.2 - Sep 28, 2022

- **[ADDED]** Search Filtering to Listings

- **[ADDED]** Tag & Groups Screen now allows you to sort tags by Battery level
- **[ADDED]** Tag Edit Button on “Tag Info” Panel
- **[ADDED]** Tag Group Edit Screen
- **[ADDED]** Delete Button for Tag Group
- **[ADDED]** Confirmation Dialog when executing some actions
- **[ADDED]** Tool Tips to all Fields in Tag Rule’s Screen
- **[FIXED]** On Tag Rules’s screen, “Maximum Entries” and “Flush Events Older Than” fields should be visible only when “Event Table Name” is checked
- **[FIXED]** On Tag Rules’s screen, “Report Depth” field should be visible only for “Tag Moved” type
- **[FIXED]** Sub Connection Replacing main Mesh
- **[IMPROVED]** “Tag Info” Panel Redesign
- **[IMPROVED]** Better Error Feedback in creating/editing Tag Rule’s Screen
- **[IMPROVED]** Reordered some fields in creating/editing Tag Rule’s Screen
- **[IMPROVED]** “Show Antennas Nodes” Settings moved to Visibility Drawer Menu
- **[IMPROVED]** Better Feedback when creating a new Tag Group
- **[IMPROVED]** Better spacing between icons, inside the search bar
- **[IMPROVED]** Tags inside a zone, will display a color halo for each overlapping zone
- **[IMPROVED]** Zone areas are now drawn below tags and antennas, improving the color perception
- **[IMPROVED]** Tag Edit Screen Redesign
- **[IMPROVED]** Tag Listing inside Tag Rules now shows Id, name, and alternate Id

Version 2.2.0 - Aug 04, 2022

- **[ADDED]** Tag Rules & Notifications creation wizard
- **[ADDED]** Hidden/Stale Tags will show up on the Arena when selected and disappear again when deselected
- **[ADDED]** Tag & Groups Screen now allows you to filter groups per connection
- **[ADDED]** Tag & Groups Screen now allows you to filter tags per connection
- **[ADDED]** Tag & Groups Screen now allows you to sort tags by “Name ascending”, “Name descending”, “last seen ascending” and “last seen descending”
- **[ADDED]** Tag & Groups Screen now allows you to sort groups by “Name ascending” and “Name descending”
- **[ADDED]** Zoom controls on bottom left corner
- **[ADDED]** Floating Add button on the bottom right corner
- **[ADDED]** Menu option for online manual
- **[FIXED]** Fixes to session save / load credentials
- **[FIXED]** Floorplan Scroll Gesture being Propagate to Menu, making it unable to work properly
- **[FIXED]** Sometimes when first connecting to a server, tags would not load
- **[FIXED]** Connecting to an empty server address
- **[FIXED]** Multiple “connect screens” on top of each other
- **[IMPROVED]** Performance improvements
- **[IMPROVED]** Expand Tag Tapping Area. Now it’s possible to select a tag by tapping its icon or label
- **[IMPROVED]** Unified Menu Bar across platforms for better user experience
- **[IMPROVED]** Arena Connection Count & Modal replaced By Drawer Menu and moved to the navigation bar
- **[IMPROVED]** History button moved to the navigation bar
- **[IMPROVED]** Visibility button was replaced By Drawer Menu and moved to the navigation bar

- **[IMPROVED]** Main Menu items divided by context groups (Inside Drawer Menu)
- **[IMPROVED]** Hovering the Tag Icon on the arena will highlight its name (and if the icon is in a “dot style”, it will change back to “target style” while in hover state)
- **[IMPROVED]** Arena Search bar will list only its tags and the revamped “Tag & Group” Screen will list all available Tags
- **[IMPROVED]** New Layout on “Tag & Groups” Screen

Version 1.12.6 - Jan 11, 2022

- Fix touch input on Windows
- Fix zoom to mouse on Windows
- Full tag icons are used on Windows
- Windows version does not stop tracking when minimized / in the background

Version 1.12.5 - Jan 03, 2022

- Global tag search across all active connections
- Save / load sessions
- Barcode disassociation menu option
- Tag icons show group color
- Set / edit group color from Group Selection dialog
- Overall performance improvements for very large numbers of tags
- Bug fixes and misc. usability improvements

6.2 Software update

On iOS and Android, the Tracker App will update automatically through those apps' stores.

On PC, the Tracker App will not automatically update. Uninstall the old version and install the new version. Settings will be preserved.

6.3 FAQ

1. Tag Rules Notification Not Working

1.1. Check Arena SSE Connection

Go to Arena Details & Status Screen and check if **Arena SSE Connection** is **OK**

- Status Not Set:
 - SSE Must be configured on the Wiser Server and you must use **Auth** at the Add Arena Screen.
- Status Timeout: (After a few minutes)
 - Check your **Firewall** for the SSE Address and SSE Port
- Status OK:
 - Check Tag Rules Subscription in the Section Below

1.2. Check Tag Rules Subscription

- Go to the Tag Rules Screen and check if you are **Subscribed** to all desired Rules.

NOTE

Before version 4.0, it was required to **Manually** restart the SSE Connection after Subscribing or Unsubscribing to a Rule.

How to: (Either one)

- Disconnect and Reconnect
- Go to the Arena Details & Status Screen and click the **Reset Button** at the **Arena SSE Connection Card**

1.3. Check Your Operation System Notification Settings

Some systems might silence notifications in some situations.