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## Release Note for Zao Web Management System

### □ **Outline**

Update for Zao Web Management System.

This update includes Update Feature. For details, please see the following.

### □ **Maintenance time**

Date and time: Jan 22, 2020, 04:00-05:00 (UTC)

Due to the update during the above time zone, there may be times when PC / Zao App / Zao-S / Zao cannot connect to Web Management System.

### □ **Zao Web Management System 1.4.1 ⇒ 1.5.0**

1. Add GPS column to Live Summary. Displays the GPS positioning information of Zao App / Zao-S.

\* For the UI, refer to the attached sheet.

2. Add map screen.

The GPS positioning information of Zao App / Zao-S is acquired and the location is displayed on the map.

\* For the UI, refer to the attached sheet.

3. Add the Target Status window.

A window is displayed by clicking the string in the Target Status column of Live Summary. More detailed information is displayed in the Target Status column.

\* For the UI, refer to the attached sheet.

4. Add Session Summary.

Can transition from the Nick Name column of Live Summary.

Can check the start / end times of the latest 10 relays and download logs.

\* For the UI, refer to the attached sheet.

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Contact:

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5. Add the column replacement function of Live Summary.

Can change the order by dragging and dropping the column headers.

- \* The changed order is saved in the browser. It can be initialized by deleting the cookies and site data of the browser.

6. Change the notation in the Target Status column of Live Summary.

If there is at least one Receiver that is started and connected to Zao Web Management System, it will be displayed as Standby.

The number of Receivers that can be connected are also displayed.

Change before	Change after
Occupied	Standby (0/a*1)
Reserved	Standby (0/a*1)
Available (n)	Standby (n*2/a*1)
Not available	Offline

\* 1 Number of Receivers in Online status.

\* 2 Number of Receivers that can be connected.

7. Improve the visibility and reduce the load.

#### □ Supplement on GPS positioning and map display

1. Zao does not support GPS positioning.
2. To perform GPS positioning with Zao-S, it is necessary to update to version 3.2.0 or higher.
3. To perform GPS positioning with Zao App for iOS, it is necessary to update to version 1.0.0 or higher.
4. To perform GPS positioning with Zao App for Android, it is necessary to update to version 1.2.0 or higher.
5. Open Street Map is used for the map. It does not support Google Map.

#### □ Known issues

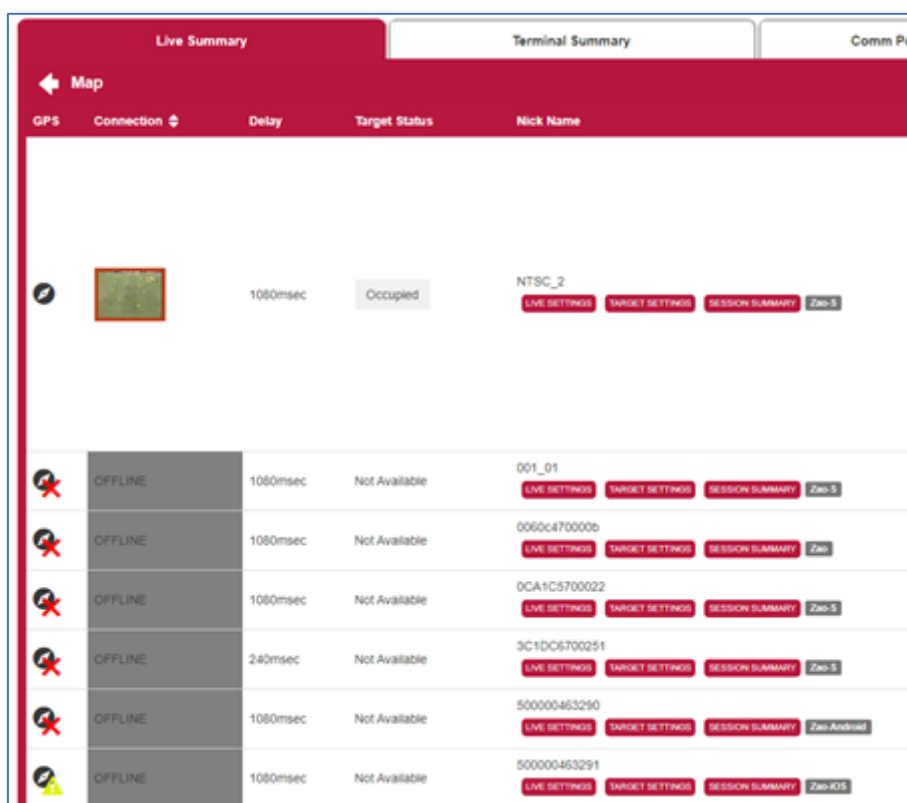
1. In the GPS column of Live Summary, the icon display does not change to the "Healthy" state
  - \* This is due to the specification that the number of supplementary satellites on the smartphone does not exceed three.

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## Attached sheet 1: UI of GPS column in Live Summary



The icon display and its status are as follows.

Icon	State	Details
	Healthy	
	Warning	Last GPS positioning is more than 30 seconds before the current time. 2 or less satellites are supplemented.
	Error	Last GPS positioning is more than 60 seconds before the current time. GPS quality value is 0.

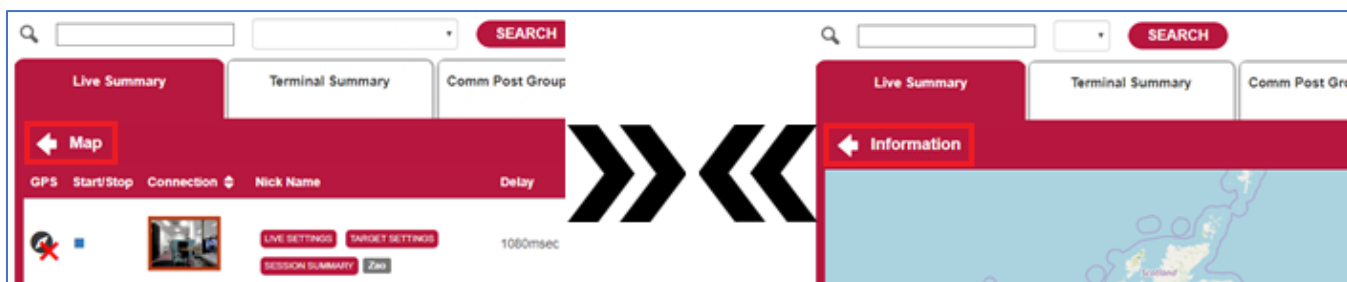
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## Attached sheet 2: Location display UI and screen transition

Click "Map" on the Live Summary to change to the location display.

\* Click "Information" when the location is displayed to return to the standard display.

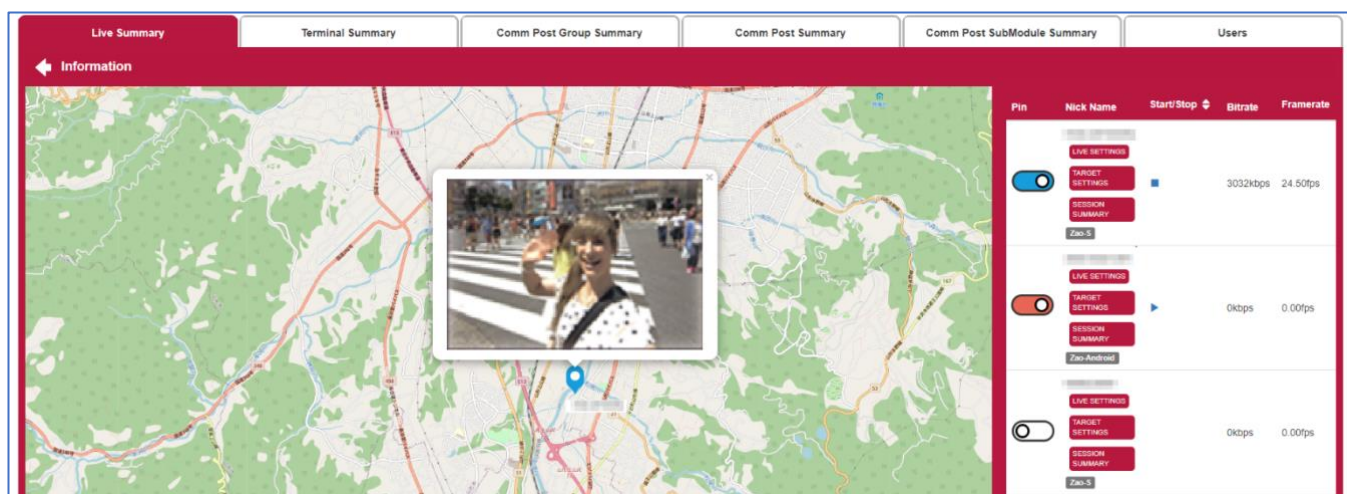


In the location display, a toggle switch appears on the Transmitter with GPS positioning enabled.

When turned on, the pin will be displayed on the map.

By clicking the pin displayed on the map, the preview is displayed on the top of the pin.

Click the pin again to close the preview.



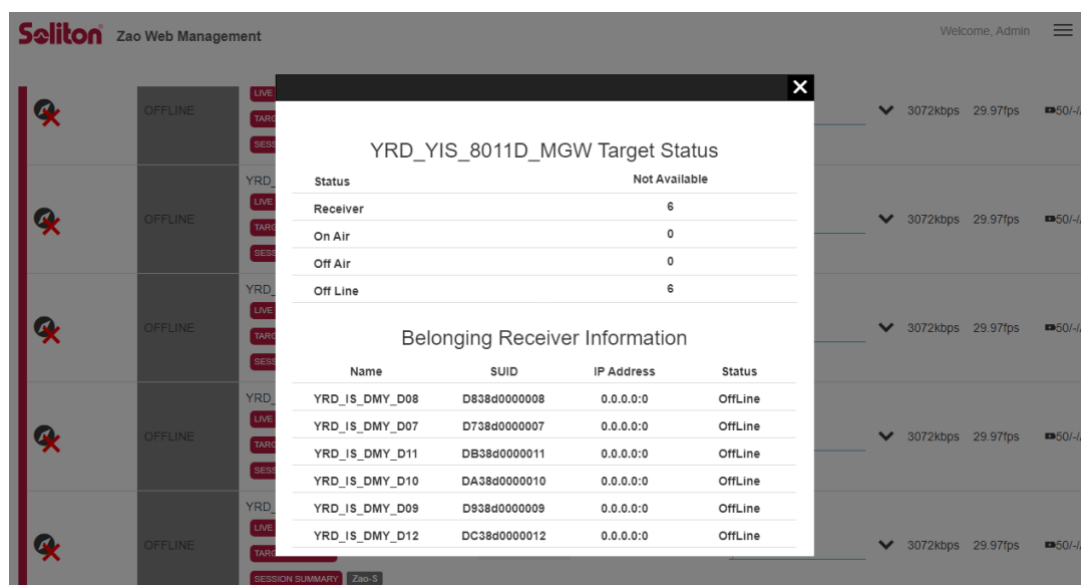
The display of the toggle switch and pin and their states are as follows.

Toggle switch	Pin	State
		ON (Healthy)
		ON (Old information, low accuracy)
	none	OFF

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## Attached sheet 3: Target Status window UI



The number of Targets in each of the following states is displayed.

State	Details
On Air	Started and connected to Zao Web Management System And broadcasting.
STANDBY	Started and connected to Zao Web Management System And standby.
Offline	Not start up or not connected to Zao Web Management System.

Also, Belonging Receiver Information displays more detailed information.

The items displayed are as follows.

Item	Content
Nick Name	Nick Name set in Terminal Summary.
SUID	Receiver unique ID.
IP Address	Global IP address held by Receiver and used port.
Status	Receiver state*3

\*3 In addition to the Target Status of Live Summary, the following status is displayed.

OffAir (PORT reachable from CommPost) : Broadcast port can be communicated.

OffAir (PORT unreachable from CommPost) : Broadcast port cannot be communicated.

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## Attached sheet 4: Session Summary UI

Soliton Zao Web Management Welcome, Tmitamura

Live Summary   Terminal Summary   Comm Post Group Summary   Comm Post Summary   Comm Post SubModule Summary   Users

### ← Session Summary

#### NTSC\_2 Sessions

Start	Last	
2020-03-31 00:13:09.630	2020-04-01 01:24:09.536	Download
2020-03-30 07:10:46.891	2020-03-30 09:56:09.404	Download
2020-03-26 07:47:18.569	2020-03-26 08:13:58.729	Download
2020-03-26 07:36:05.788	2020-03-26 07:46:49.404	Download
2020-03-26 07:30:40.929	2020-03-26 07:34:45.836	Download
2020-03-26 07:11:06.947	2020-03-26 07:28:09.017	Download
2020-03-26 07:07:31.787	2020-03-26 07:10:48.372	Download
2020-03-26 07:02:48.561	2020-03-26 07:07:08.161	Download
2020-03-26 06:56:09.240	2020-03-26 07:02:29.507	Download
2020-03-26 06:47:31.307	2020-03-26 06:52:31.523	Download

Contact:

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