Smart Construction Fleet Release Note

App Ver : 5.10.0
Scheduled Release : October 1st (Tuesday), 18:00 to 20:00 (JST)

We are planning to release new features for Smart Construction Fleet.

※Please note that we will not be releasing this update for the Classic version this time.

<<The feature to be added this time>>

- [Web] Make "Operational Vehicle Daily Report" always available to check on the Web app
- [Web] Make it possible to download the Excel file for "Operational Vehicle Daily Report"
- [Web] Make it possible to send login links and 2D codes by email
- [Web] Make it possible to set planning values (frequency and soil volume) for each workplace
- [Web] Add a widget in the real-time viewer to display the frequency and soil volume for each work site in the form of actual/planned values

<< Minor adjustments >>

- [Web] Change the "Copy login link to clipboard" button to a more user-friendly design.
- [Web] When issuing individual login codes for certain vehicle types, the role will be automatically selected
- [Mobile] In some vehicle types, the role will be automatically selected when logging in

A pre-update of the mobile app is not mandatory for this release.
We have included instructions on how to set up automatic updates on iPhone at the end of this document.
Please feel free to use them as needed.
The mobile app is scheduled for store release on Monday, September 30th.
※The timing of the mobile app's store release may vary depending on the review process.

Impact on operational sites during the release process

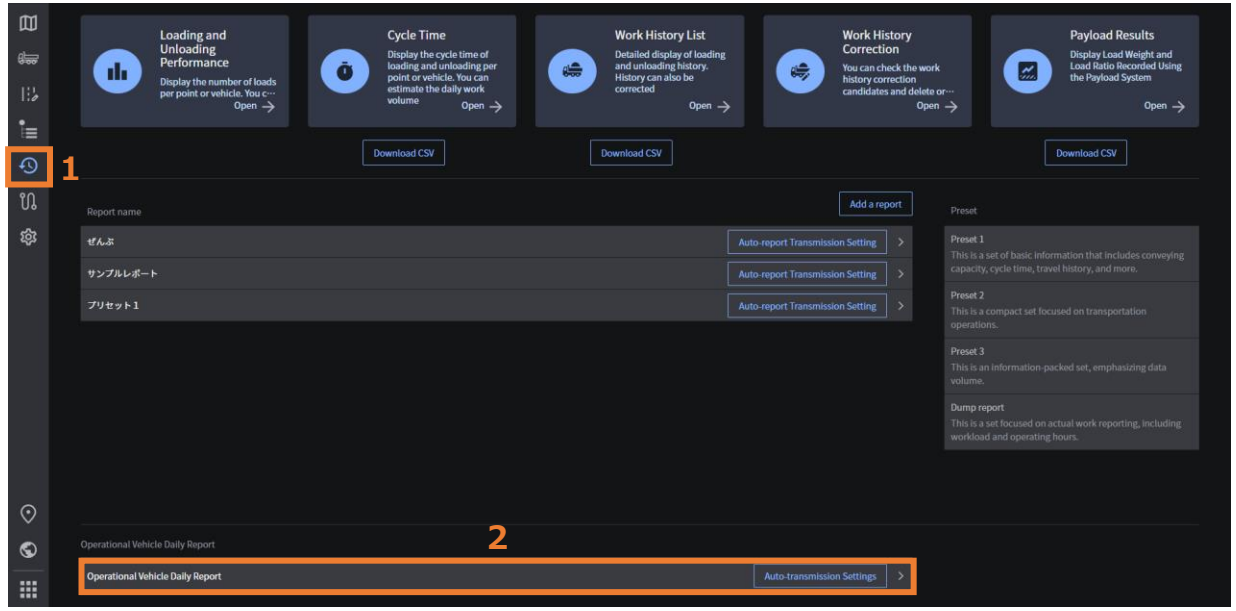
During operations at active sites, please note the following partial restrictions:

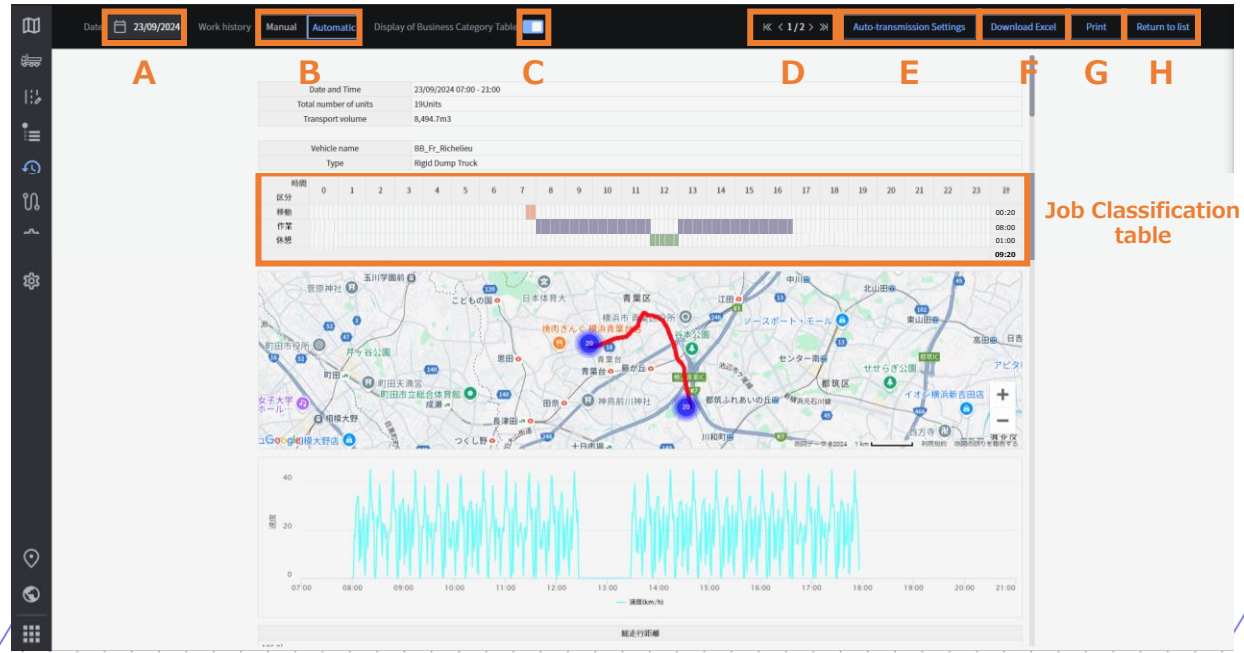
Web or Mobile	Influence
Web	Cannot log in
Web	If you are logged in on the mobile app or dedicated device, an error will occur at the next server access.
Web	In the Real-time viewer , an error will be displayed.
Mobile	Cannot log in
Mobile	When logged in, an error occurs when attempting to retrieve the location information of other vehicles on the map.
Mobile	An error occurs when switching tabs.
Mobile	During server downtime, location information is stored on the device. Once the server is back online, the stored location information will be sent out gradually.
Mobile	Detection of entry into alert points operates normally.
Mobile	Detection of entry into workplace and approaching notification is not functioning properly.

Scheduled Release : October 1st (Tuesday), 18:00 to 20:00 (JST)

Additional Features/Changes (Web)

Make "Operational Vehicle Daily Report" always available to check on the Web app





Currently, it is necessary to check the PDF automatically sent to the specified recipient, but with this release, it will be possible to check it at any time.

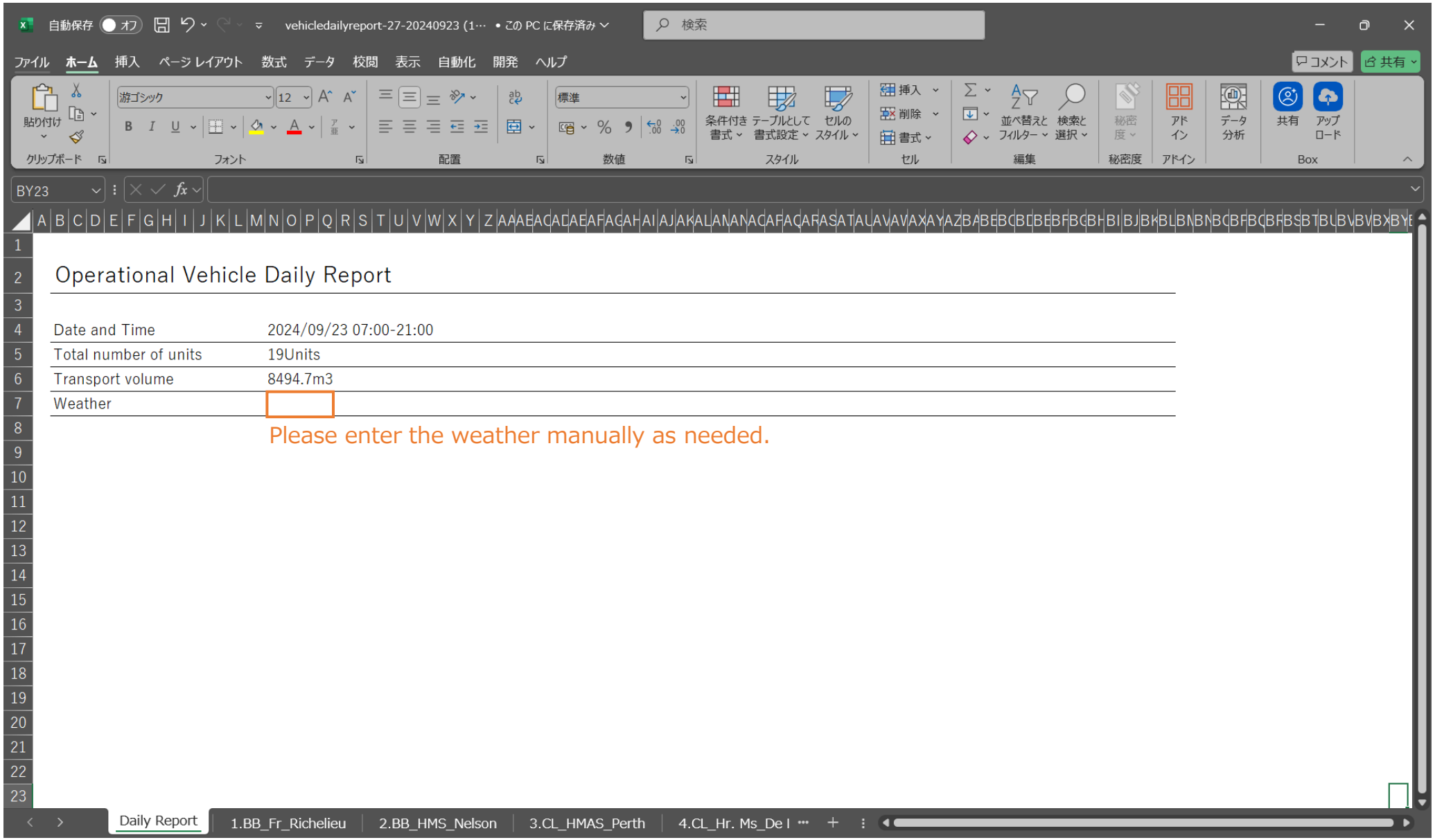
[How to check “Operational Vehicle Daily Report”]

1. Click on “Performance”
2. Click on “Operational Vehicle Daily Report”
   You can check it.

[Screen description]

A) Date selection
   Toggle between manual/automatic work history
   Work history display on the map and unloading history in Excel will reflect the settings
B) Toggle display of the Job classification table
C) Next/previous page buttons
   If there are more than 10 active vehicles for the selected day, they will be displayed across multiple pages
D) Open the automatic transmission settings menu
E) Download Excel
   Details are explained on the next page
F) Print
   Printing and PDF downloading are available
G) Return to list
   Returns to the "Performance" menu

Make it possible to download the Excel file for "Operational Vehicle Daily Report"



Operational Vehicle Daily Report

Date and Time	2024/09/23 07:00-21:00
Total number of units	19Units
Transport volume	8494.7m3
Weather	

Please enter the weather manually as needed.

Daily Report | 1.BB_Fr_Richelieu | 2.BB_HMS_Nelson | 3.CL_HMAS_Perth | 4.CL_Hr. Ms_De I

Make it possible to send login links and 2D codes by email

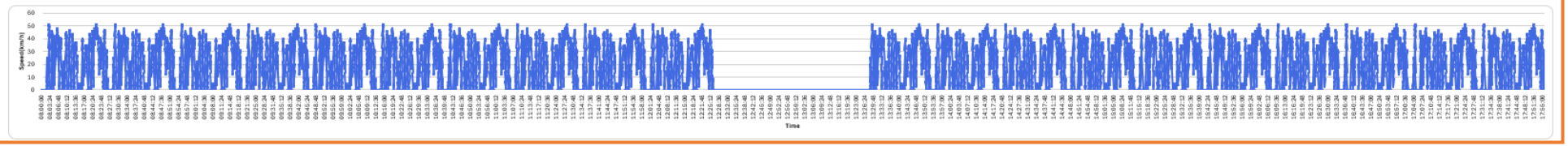
Operational Vehicle Daily Report (per vehicle)

Vehicle name	BB_Fr_Richelieu
Type	Rigid Dump Truck
Type of Work	
Model	
Management Number	
Registration Number	
Driver's Name	
Assistant's Name	

Vehicle information, driver information, etc.
After downloading, you can add or delete fields as needed.

Speed Distribution

Start Date and Time	2024/09/23 08:00
End Date and Time	2024/09/23 17:56



Speed distribution
Start date and time → Time of login
End date and time → Time of logout

Task type

Category	Total
Move	0:20
Work	8:00
Break	1:00
	9:20

Job classification
When selecting a Job classification in the mobile app, the corresponding color is applied.

Travel distance

Category	Travel distance(km)
Move	0.5
Work	186.4
Total Mileage	186.9

Travel distance
Displays the travel distance for each work classification and the total travel distance.

Unloading History

Date and Time	Unloading Work Location
2024/09/23 08:15	荷降地点2
2024/09/23 08:42	荷降地点2
2024/09/23 09:08	荷降地点2
2024/09/23 09:35	荷降地点2
2024/09/23 10:01	荷降地点2
2024/09/23 10:28	荷降地点2
2024/09/23 10:55	荷降地点2
2024/09/23 11:22	荷降地点2
2024/09/23 11:48	荷降地点2
2024/09/23 12:15	荷降地点2
2024/09/23 13:41	荷降地点2
2024/09/23 14:08	荷降地点2
2024/09/23 14:35	荷降地点2
2024/09/23 15:02	荷降地点2
2024/09/23 15:29	荷降地点2
2024/09/23 15:56	荷降地点2
2024/09/23 16:23	荷降地点2
2024/09/23 16:51	荷降地点2
2024/09/23 17:18	荷降地点2
2024/09/23 17:45	荷降地点2
Transportation Frequency	20

Unload history
If unloading work is performed in the "Transport" role, a list of the history is displayed.
The history is displayed according to the "Manual/Automatic" selection status in the web app.

Daily Report | 1.BB_Fr_Richelieu | 2.BB_HMS_Nelson | 3.CL_HMAS_Perth | 4.CL_Hr. Ms_De Ruyter | 5.CL_Sv.HMS_Gotlan

Make it possible to set planning values (frequency and soil volume) for each work site

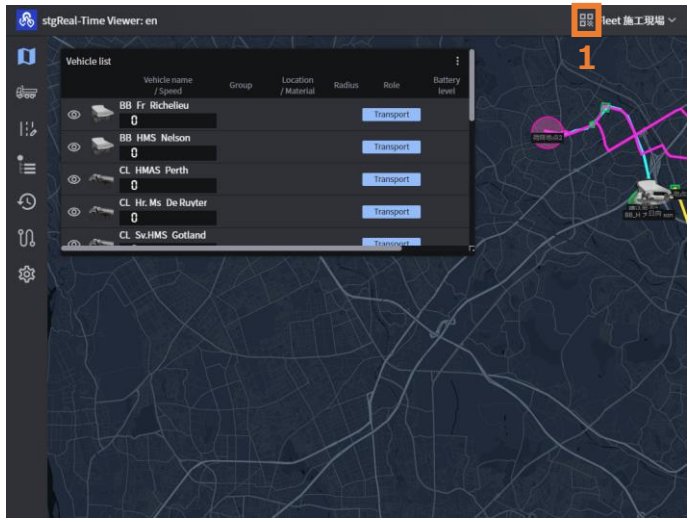
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Time	Speed(km/h)																			
41	08:01:57	0																			
42	08:02:00	0																			
43	08:02:03	1																			
44	08:02:06	1																			
45	08:02:09	3																			
46	08:02:12	6																			
47	08:02:15	7																			
48	08:02:18	25																			
49	08:02:21	20																			
50	08:02:24	12																			
51	08:02:27	3																			
52	08:02:30	0																			
53	08:02:33	7																			
54	08:02:36	14																			
55	08:02:39	15																			
56	08:02:42	18																			
57	08:02:45	33																			
58	08:02:48	42																			
59	08:02:51	47																			
60	08:02:54	50																			
61	08:02:57	51																			
62	08:03:00	50																			
63	08:03:03	51																			
64	08:03:06	49																			
65	08:03:09	45																			
66	08:03:12	41																			
67	08:03:15	31																			

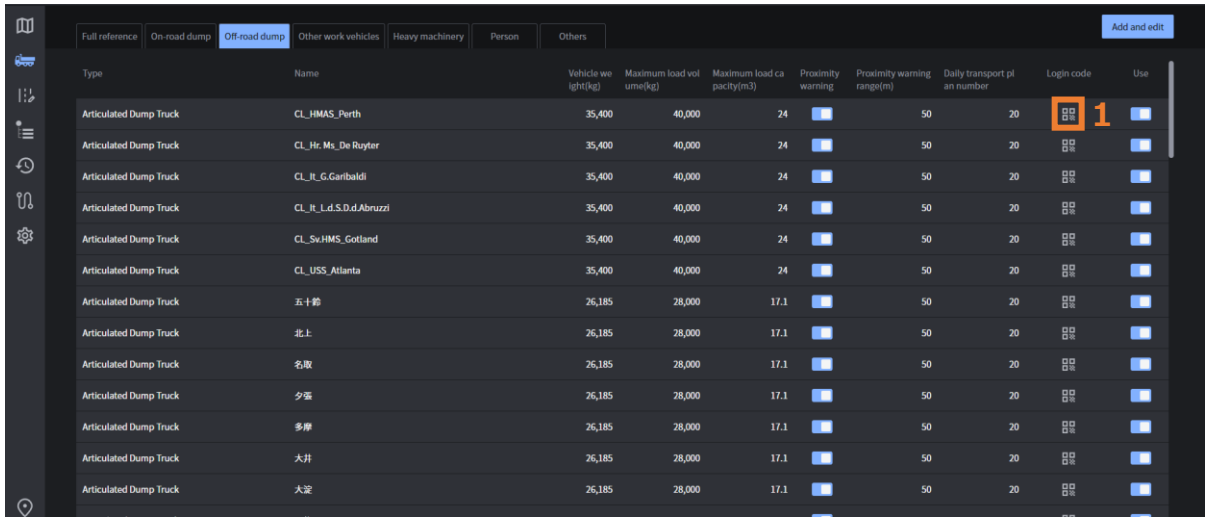
11.叢雲 | 12.古鷹 | 13.夕立 | 14.大和 | 15.天城 | 16.峯雲 | 17.摩耶 | 18.日向 | 19.瑞鳳 | Data-1.BB_Fr_Richelieu | Data-2

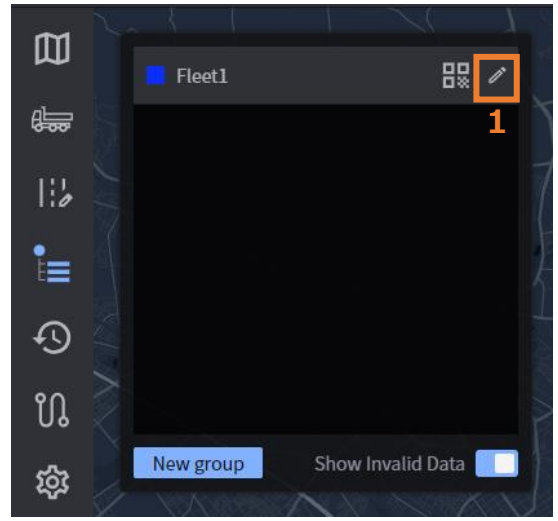
Travel Speed Data Sheet

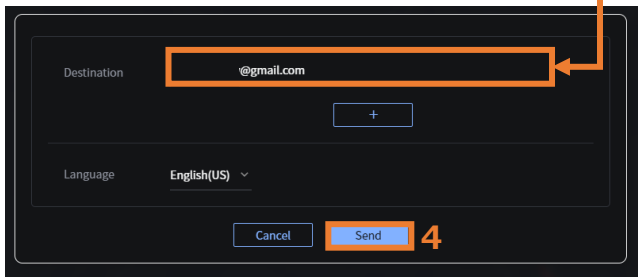
The speed distribution graph displayed on each vehicle's sheet is created based on the values in the data sheet.
If the data sheet is unnecessary, please hide it.

Make it possible to send login links and 2D codes by email









[Email Sending Procedure]

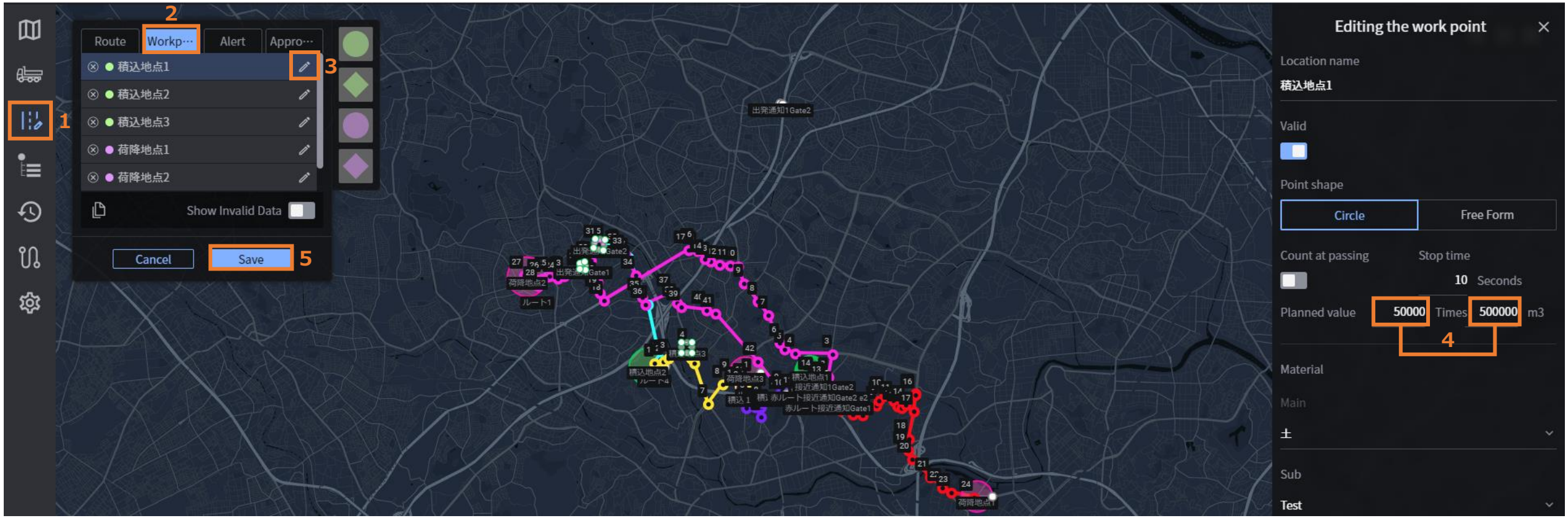
1. Press the “Login Code” button
   You can generate the login code using any of the following methods:
   ・From the top of each menu screen
   ・From “Vehicle Settings“
   ・From "Group Settings“
2. Press "Send Email”
3. Enter the recipient
   You can add recipients by clicking the "+" button.
4. Press "Send"

Make it possible to send login links and 2D codes by email

[Email Explanation]

A) The site name will be automatically entered in this section.
B) When opening the link, the Fleet app will launch and navigate to the login screen.
If the Fleet app is not installed on the device, it will redirect to the store page.

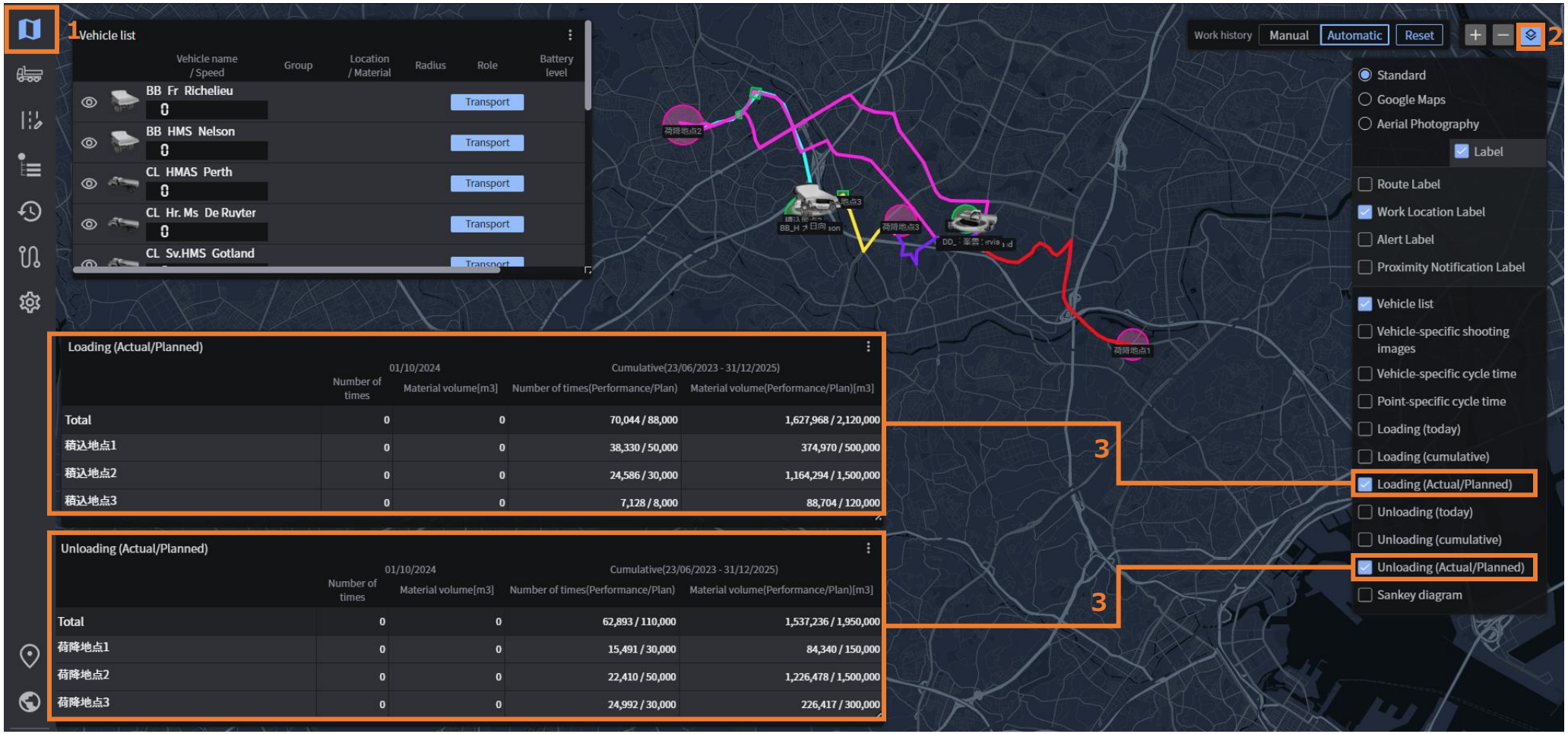
Make it possible to set planning values (frequency and soil volume) for each workplace



[Setting Target Values Procedure]

1. Press "Map Settings“
2. Select the "Workplace" tab
3. Press the edit icon for the work location where you want to set the target values
4. Enter the target values
   You cannot enter only one value for count or soil volume both are required.
5. Press "Save"

Add a widget in the real-time viewer to display the frequency and soil volume for each work site in the form of actual/planned values



[Widget Display Procedure]

1. Press "Real-time Viewer“
2. Press "UI Display Toggle" in the upper right corner of the screen.
3. Check "Loading (Actual/Planned)" and "Unloading (Actual/Planned)“
4. The widgets will be displayed, so adjust their position and size as needed

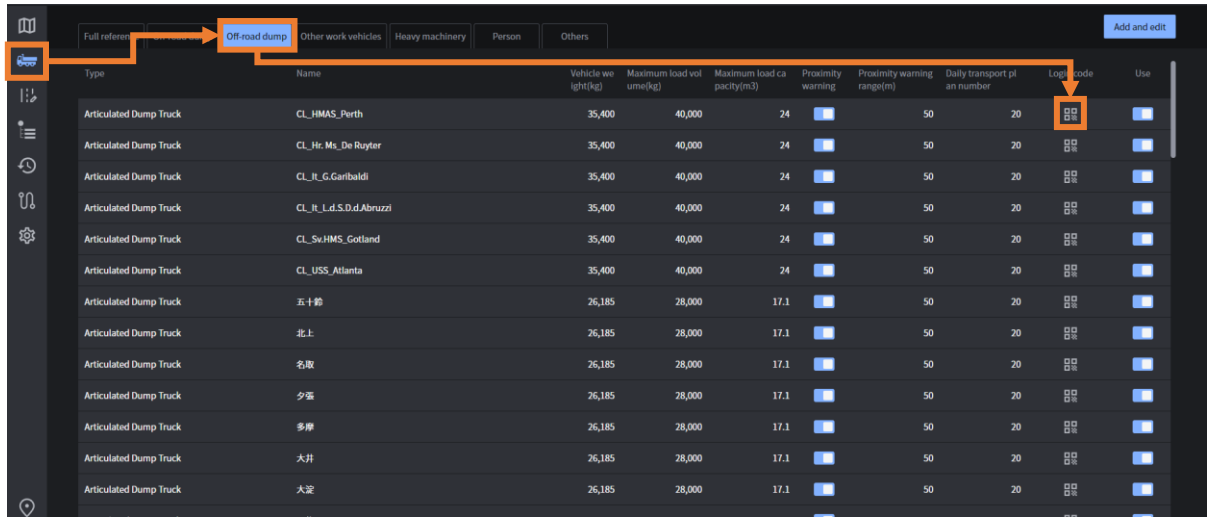
Change the "Copy login link to clipboard" button to a more user-friendly design.

Current

After Releace

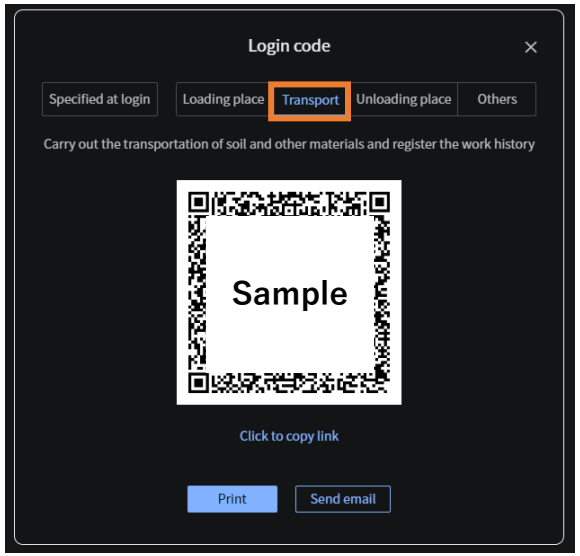
When opening the link, the Fleet app will launch and navigate to the login screen.
If the Fleet app is not installed on the device, it will redirect to the store page.

When issuing individual login codes for certain vehicle types, the role will be automatically selected

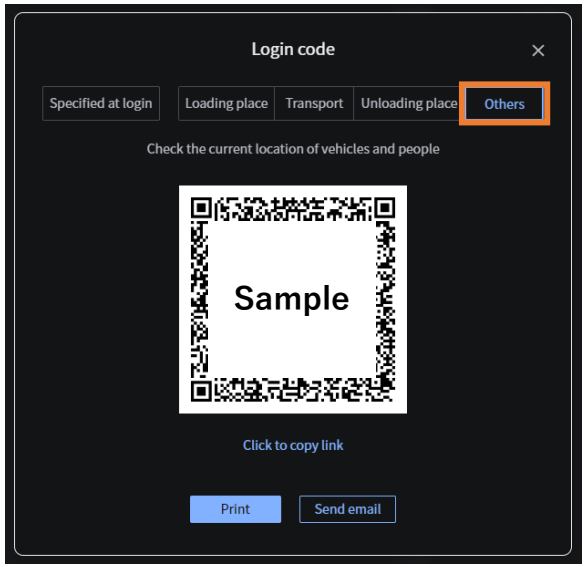


When generating a vehicle-specific login code from "Vehicle Settings," for some vehicle types, the role will be automatically selected.
By scanning the login code with a pre-selected role, users can skip the step of choosing a role in the mobile app.

In the case of off-road dump

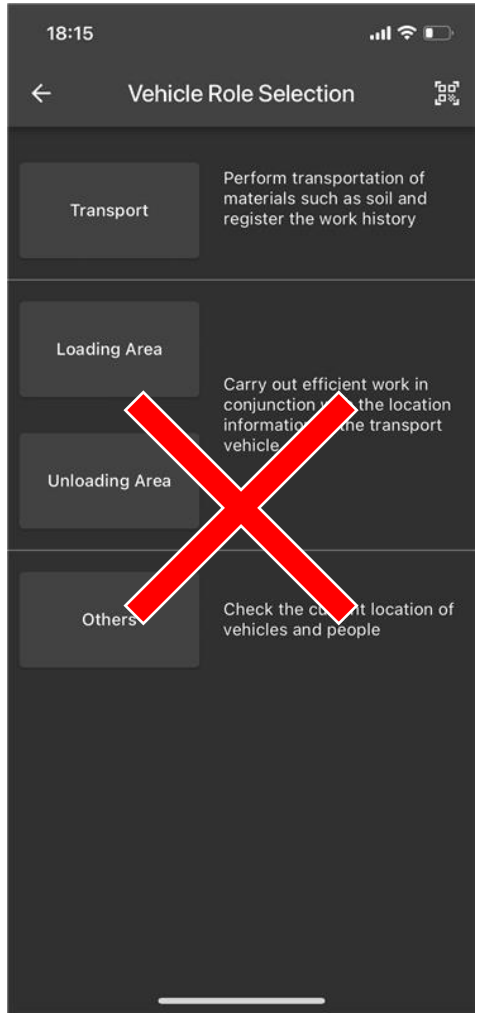


In the case of motor grader



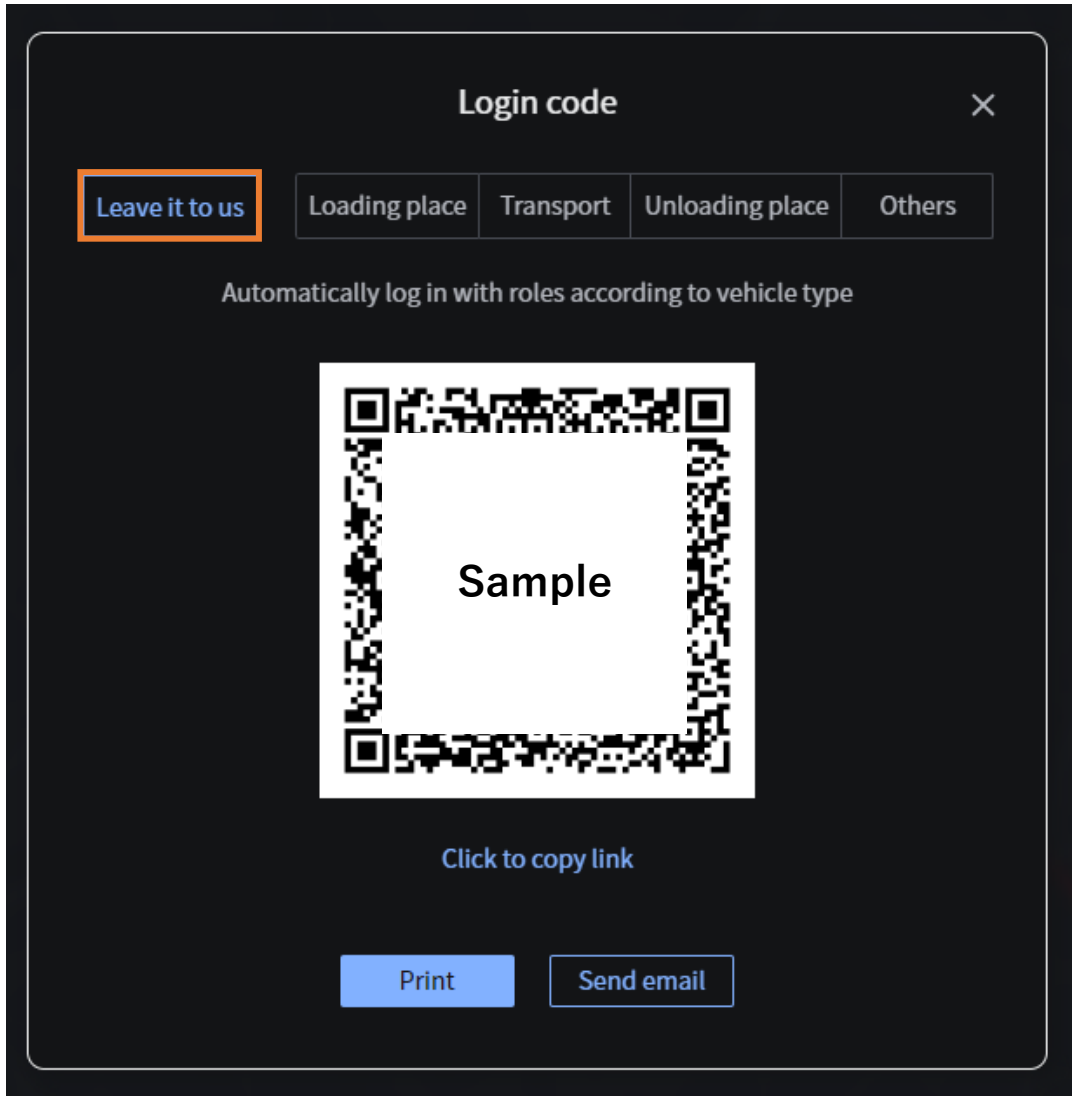
1

Type of vehicle	Role(Auto Select)
Dump truck	Transport
Articulated dump truck	Transport
Crawler dump	Transport
Rigid dump truck	Transport
Motor scraper	Specified at login
Tractor	Specified at login
Tank truck	Specified at login
Mixer	Specified at login
Garbage truck	Specified at login
Low-floor trailer	Specified at login
Bus	Others
Van	Others
Commercial van	Others
Excavator	Specified at login
Bulldozer	Specified at login
Wheel loader	Specified at login
Motor grader	Others
Road roller	Others
Forklift truck	Others
Rotary vehicle	Specified at login
Snow removal truck	Transport
Road patrol vehicle	Others
Guide	Others
Camera	Others



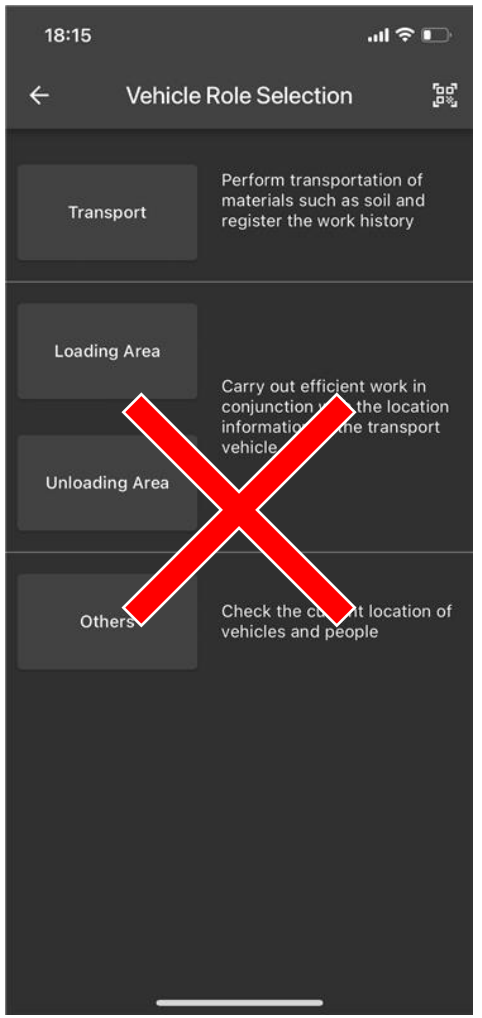
Additional Features/Changes (Mobile)

In some vehicle types, the role will be automatically selected when logging in



When issuing a login code from "Real-Time Viewer" or "Group Settings" with “Leave it to us” selected, for some vehicle types, the step of selecting a role in the mobile app can be skipped.

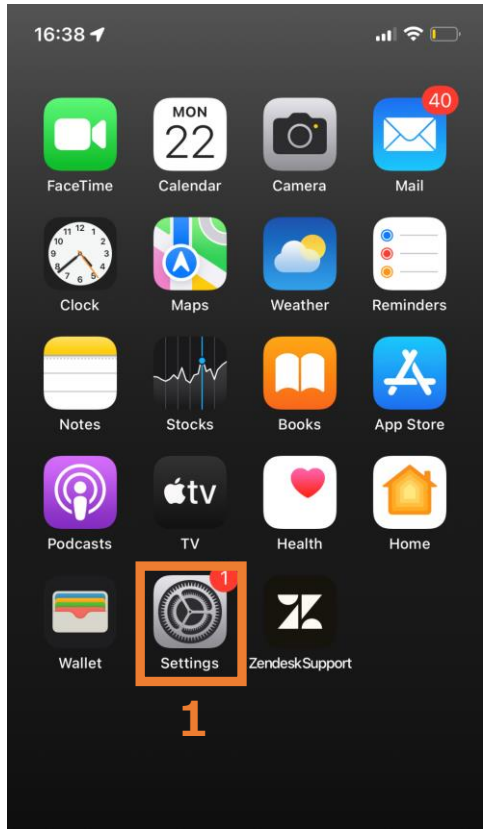
Type of vehicle	Role(Auto Select)
Dump truck	Transport
Articulated dump truck	Transport
Crawler dump	Transport
Rigid dump truck	Transport
Motor scraper	Specified at login
Tractor	Specified at login
Tank truck	Specified at login
Mixer	Specified at login
Garbage truck	Specified at login
Low-floor trailer	Specified at login
Bus	Others
Van	Others
Commercial van	Others
Excavator	Specified at login
Bulldozer	Specified at login
Wheel loader	Specified at login
Motor grader	Others
Road roller	Others
Forklift truck	Others
Rotary vehicle	Specified at login
Snow removal truck	Transport
Road patrol vehicle	Others
Guide	Others
Camera	Others

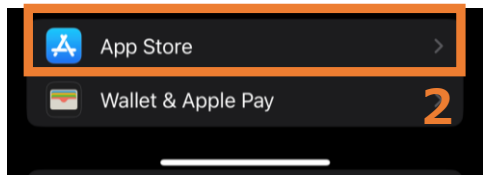


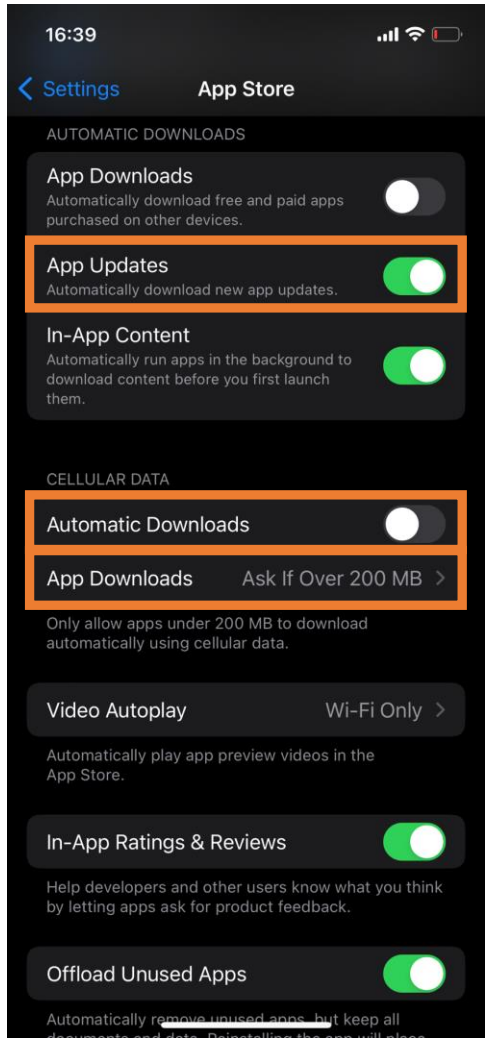
Appendix

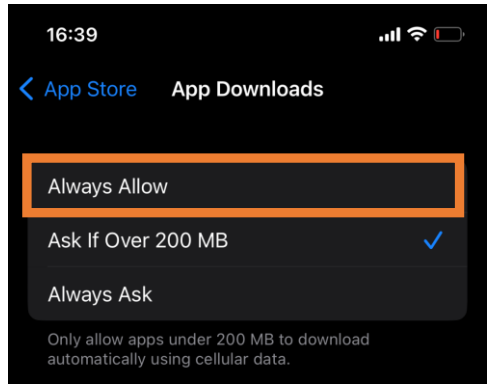
【Reference】Setting Up Automatic Updates for Mobile Apps on iPhone

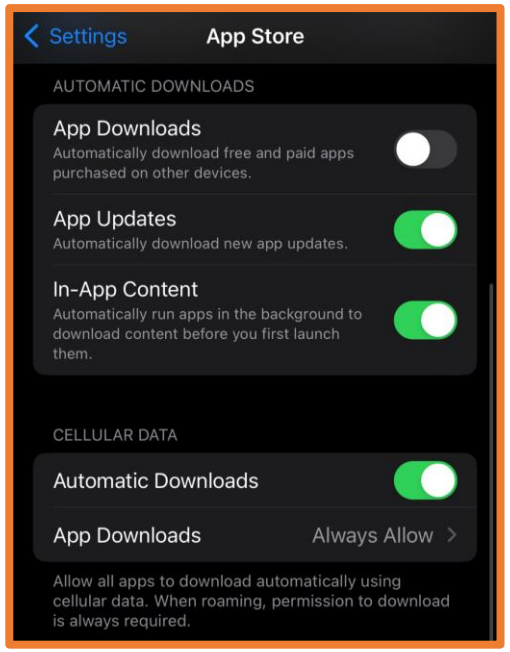
On iPhone, by pre-setting the following, the app will be automatically updated via mobile data when updated in the store.











✓ **Android devices may have different settings menus depending on the manufacturer**

1. Open the “Settings” app
2. Tap on “iTunes & App Store”
3. Turn on “App Updates”
4. Turn on “Automatic Downloads”
   If this option is turned off, automatic updates will only occur when connected to Wi-Fi.
5. Tap on “App Downloads”
6. Choose “Always Allow”
7. Setting is finished