

MSS2 平台使用指南(企業用)

MSS2 UI User Manual (Corporates)

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查詢：

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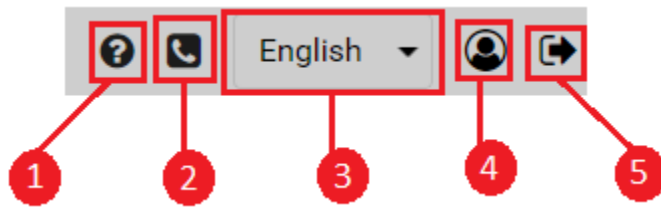
Email: enquiry@greensafety.com.hk



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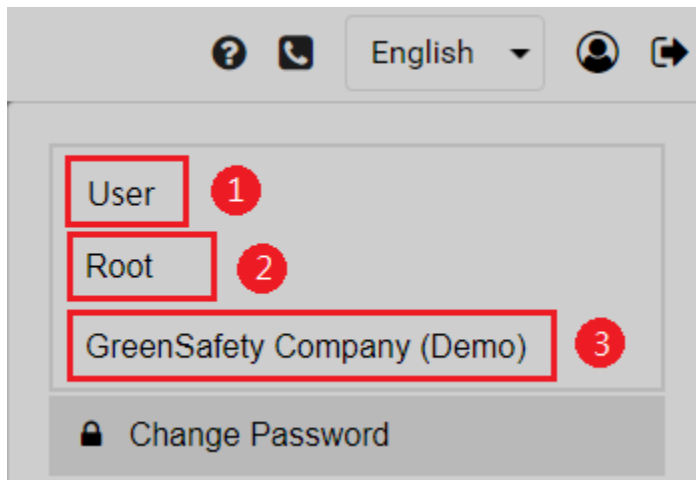
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User Menu



1. User Guide
2. Contact Us
3. Change Language
4. Account Information
5. Logout

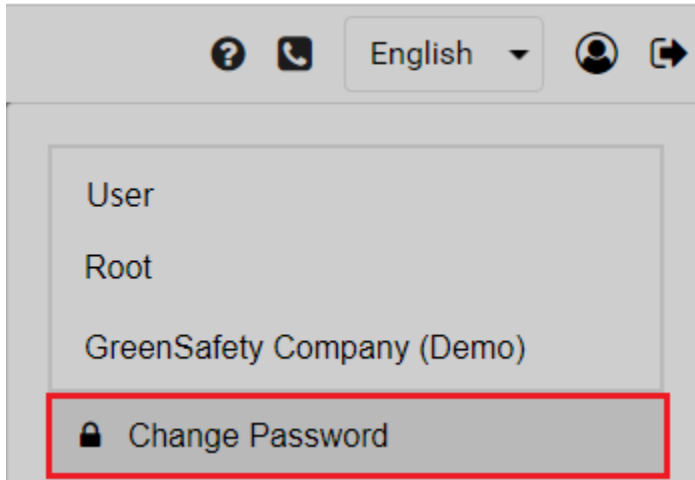
Account Information



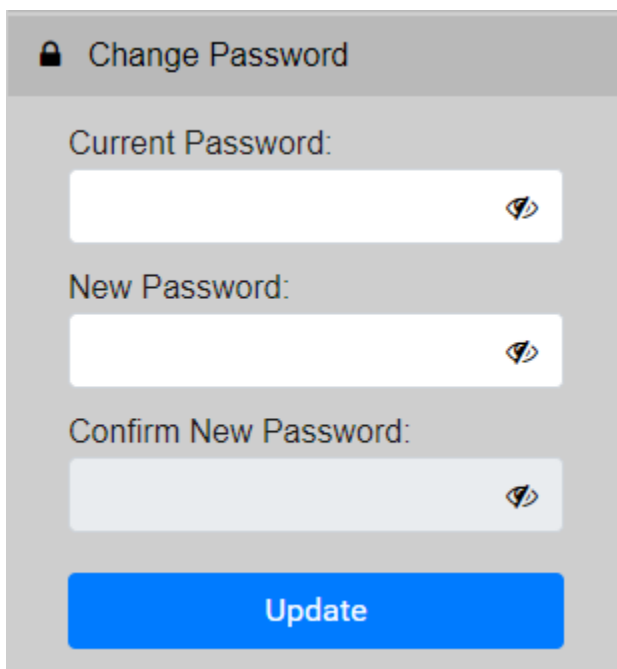
1. User name
2. Department name
3. Company name

Change Password

1. Click on "Change Password" under .

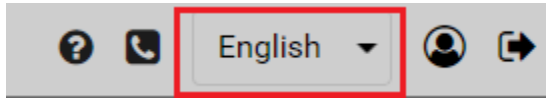


2. Fill in the form and submit your new password.

A screenshot of the 'Change Password' form. The form has a title bar with a lock icon and the text 'Change Password'. It contains three input fields: 'Current Password:', 'New Password:', and 'Confirm New Password:'. Each input field has a toggle icon (an eye with a slash) to the right, indicating that the passwords are masked. At the bottom of the form is a blue button labeled 'Update'.

Change Language

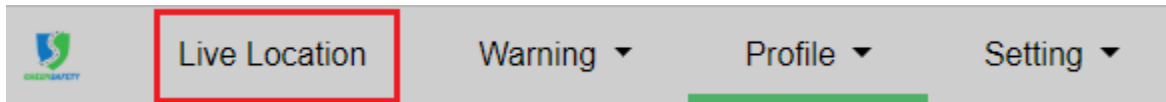
1. Click here to view available translations.




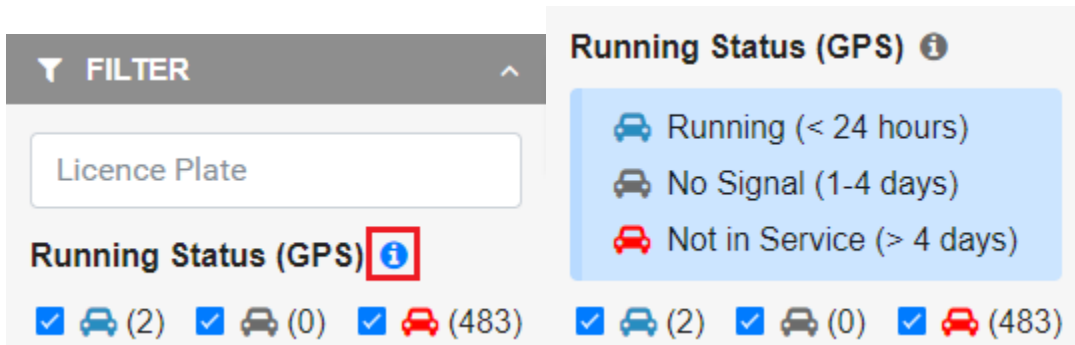
2. Select the desired language.

Live Location

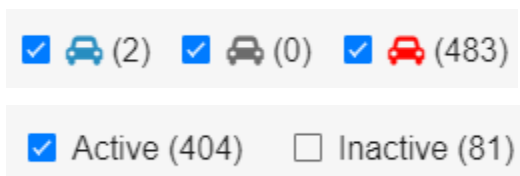
1. Click on "Live Location".




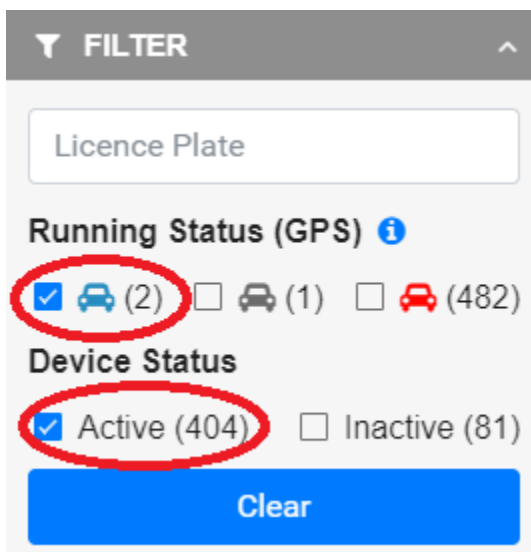
2. In the filter section on the left, three car icons are shown under Running Status (GPS). Click  to check for their descriptions.



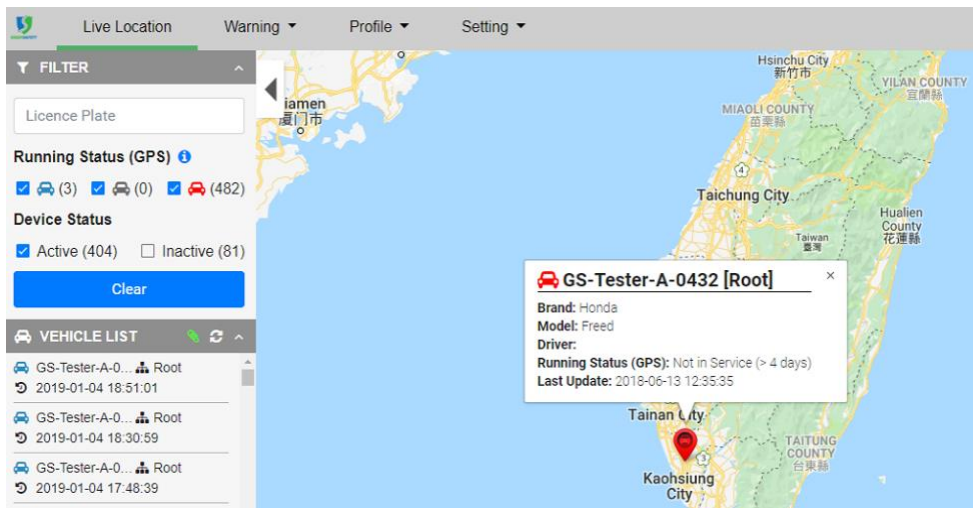
3. Next to each status, the number of count is displayed.



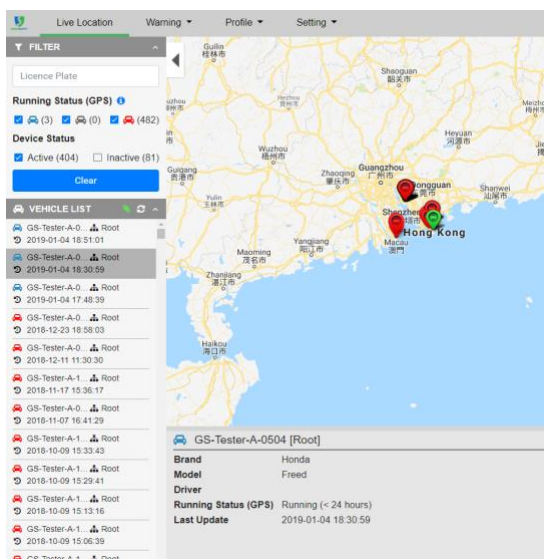
4. If you want to filter for vehicles that are online, please choose  as running status and "Active" for device status.




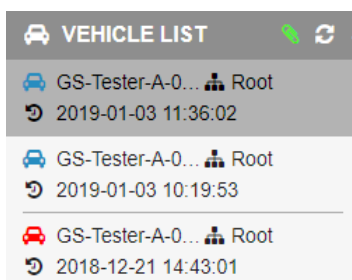
5. Hover on the marker, an info-window with details will pop up.



6. Select a vehicle from the vehicle list and view its live location and detail. You may also input the licence plate to search.



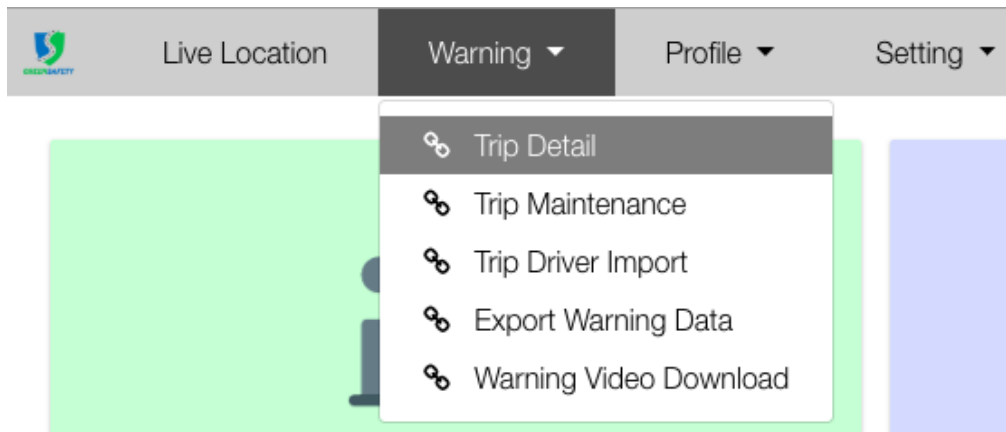
7. In the vehicle list,  indicates which department the vehicle belongs to. Check out [Vehicle Type](#) for explanation of vehicle icons.



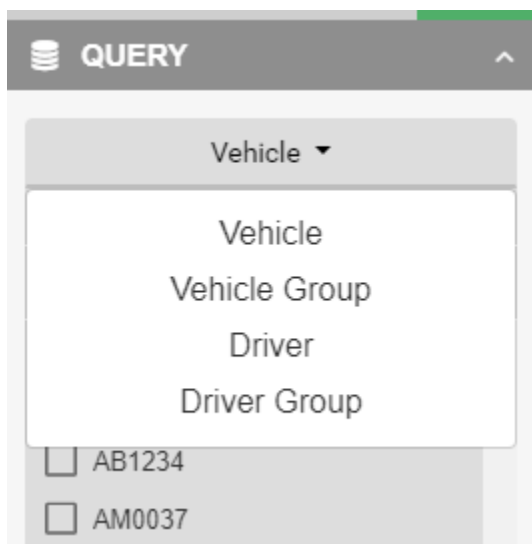
Warning

Trip Detail (Select Trips and View Warnings)

1. Click on "Trip Details" under "Warning" on menu bar.

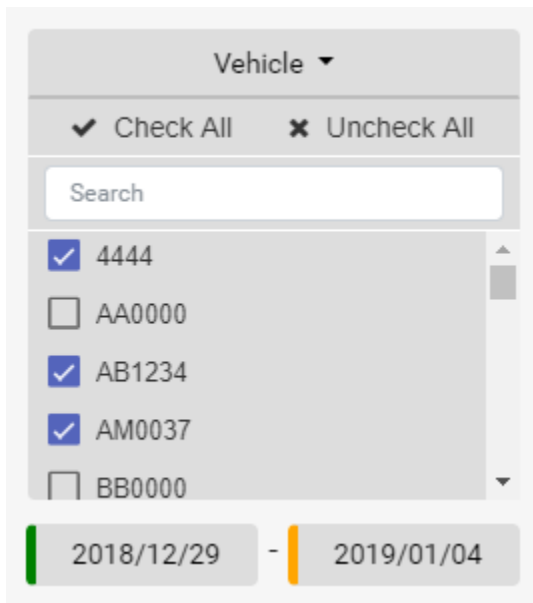


2. Select a query type. e.g "Vehicle".



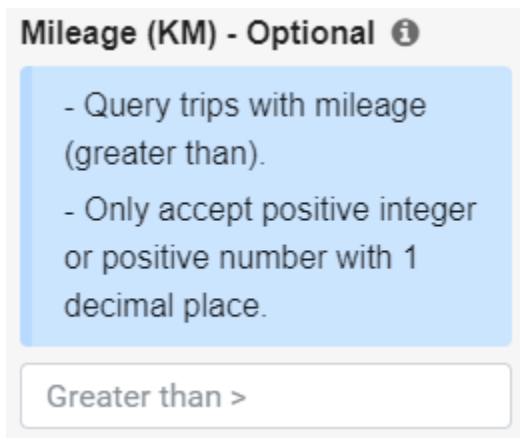
3. Select a vehicle and the date range. You may select more than one vehicle.

Note: Date range is allowed to select a maximum range of 1 year.





The screenshot shows a web interface for selecting vehicles and a date range. At the top, there is a 'Vehicle' dropdown menu. Below it are two buttons: 'Check All' with a checkmark icon and 'Uncheck All' with an 'x' icon. A search bar with the placeholder text 'Search' is positioned below the buttons. A list of vehicle identifiers is shown with checkboxes: '4444' (checked), 'AA0000' (unchecked), 'AB1234' (checked), 'AM0037' (checked), and 'BB0000' (unchecked). At the bottom, a date range is displayed with a green bar for '2018/12/29' and an orange bar for '2019/01/04', separated by a minus sign.




4. You can query with mileage if needed. Click  to check for the description.



































The screenshot shows a section titled 'Mileage (KM) - Optional' with an information icon. Below the title is a blue box containing two bullet points: '- Query trips with mileage (greater than).' and '- Only accept positive integer or positive number with 1 decimal place.' At the bottom of the section is a text input field with the placeholder text 'Greater than >'.

5. Click "Submit". You will get a trip list.


QUERY



TRIP LIST



	2019-01-04		9.9 KM
	13:51 - 14:12		00:20
	GS-Tester-A-0854		
	Root		
	2019-01-04		5.2 KM
	13:06 - 13:35		00:28
	GS-Tester-A-0504		
	Root		
	2019-01-04		10.5 KM
	12:52 - 13:41		00:48
	GS-Tester-A-0762		
	Root		
	2019-01-04		45.0 KM
	12:40 - 13:25		00:45
	GS-Tester-A-0762		
	Root		

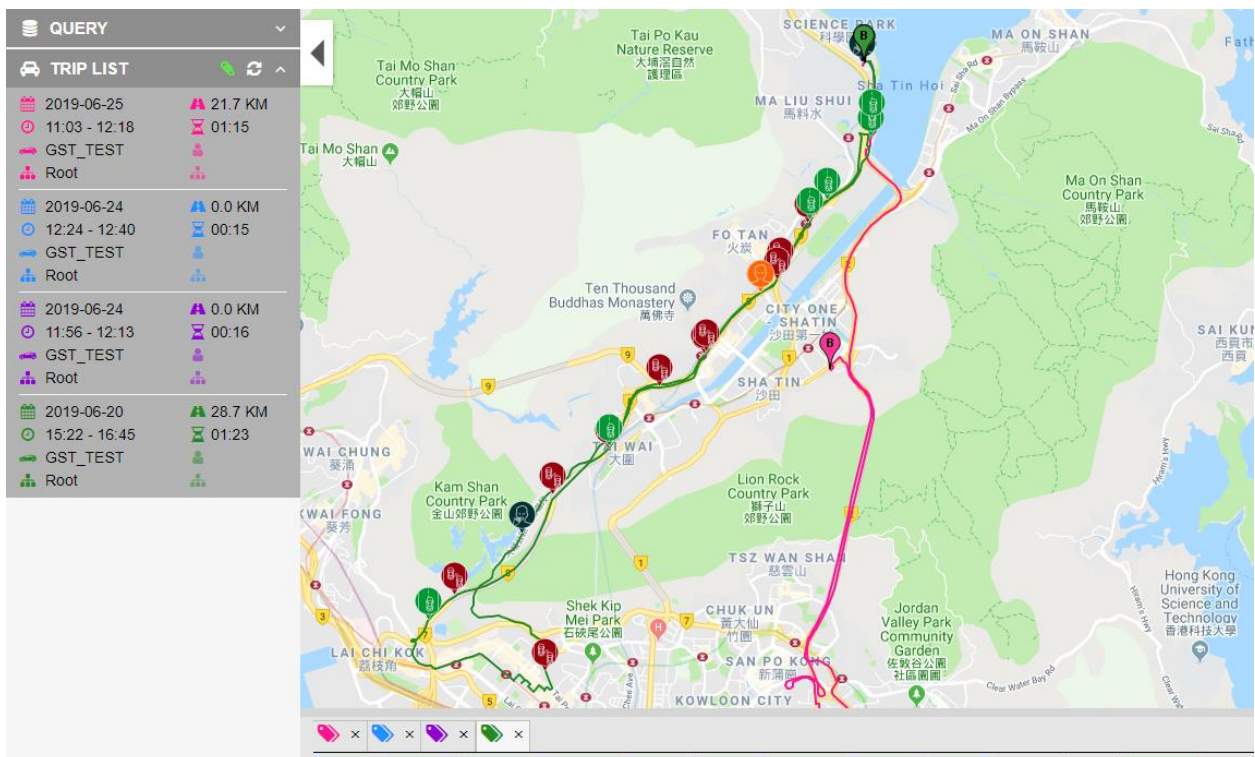
6. After selecting a trip, you may check its route on map and warnings below map. Check out [Warning Type](#) , [Driver Action](#) and [Vehicle Type](#) for more information.


The screenshot displays the 'Live Location' software interface. At the top, there are tabs for 'Live Location', 'Warning', 'Profile', and 'Setting'. Below these is a 'QUERY' section containing a 'TRIP LIST' table. The main area is a map of Hong Kong, showing a red line representing a route. A bottom bar contains various filters: 'All (29)', 'FCW (0)', 'LDW (6)', 'HMW (17)', 'AAW (0)', 'ABW (0)', 'ATW (0)', 'DWW (2)', 'YW (4)', '0 (17)', and a 'Basic' button. The bottom right corner features a table with the following columns: '#', 'Video', 'Warning Type', 'Start Time', 'Duration (s)', 'Top Speed (kph)', and 'Driver Action'.

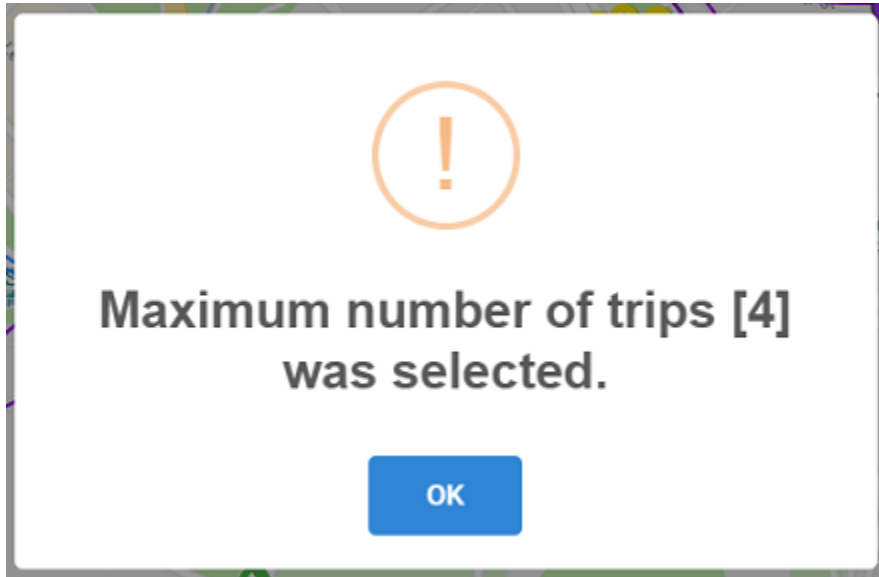
#	Video	Warning Type	Start Time	Duration (s)	Top Speed (kph)	Driver Action
1		YW	2019-06-20 15:29:31	0.00	0	
2		YW	2019-06-20 15:29:32	0.00	0	
3		LDW	2019-06-20 15:30:22	0.00	58	
4		LDW	2019-06-20 15:32:06	0.00	82	
5		HMW	2019-06-20 15:32:28	0.00	80	
6		HMW	2019-06-20 15:32:30	0.00	80	


- You may view at most 4 trips at the same time. The trips will be shown with 4 colors on map.

QUERY			
TRIP LIST			
2019-01-03	0.0 KM		
11:21 - 11:22	00:00		
GS-Tester-A-0762			
Root			
2019-01-03	11.6 KM		
10:29 - 11:36	01:06		
GS-Tester-A-0504			
Root			
2019-01-03	7.2 KM		
10:28 - 11:11	00:43		
GS-Tester-A-0762			
Root			
2019-01-03	4.2 KM		
09:59 - 10:19	00:19		
GS-Tester-A-0762			
Root			
2019-01-03	7.4 KM		
09:20 - 09:52	00:31		
GS-Tester-A-0504			
Root			
2019-01-03	4.6 KM		
09:18 - 09:37	00:19		
GS-Tester-A-0762			
Root			



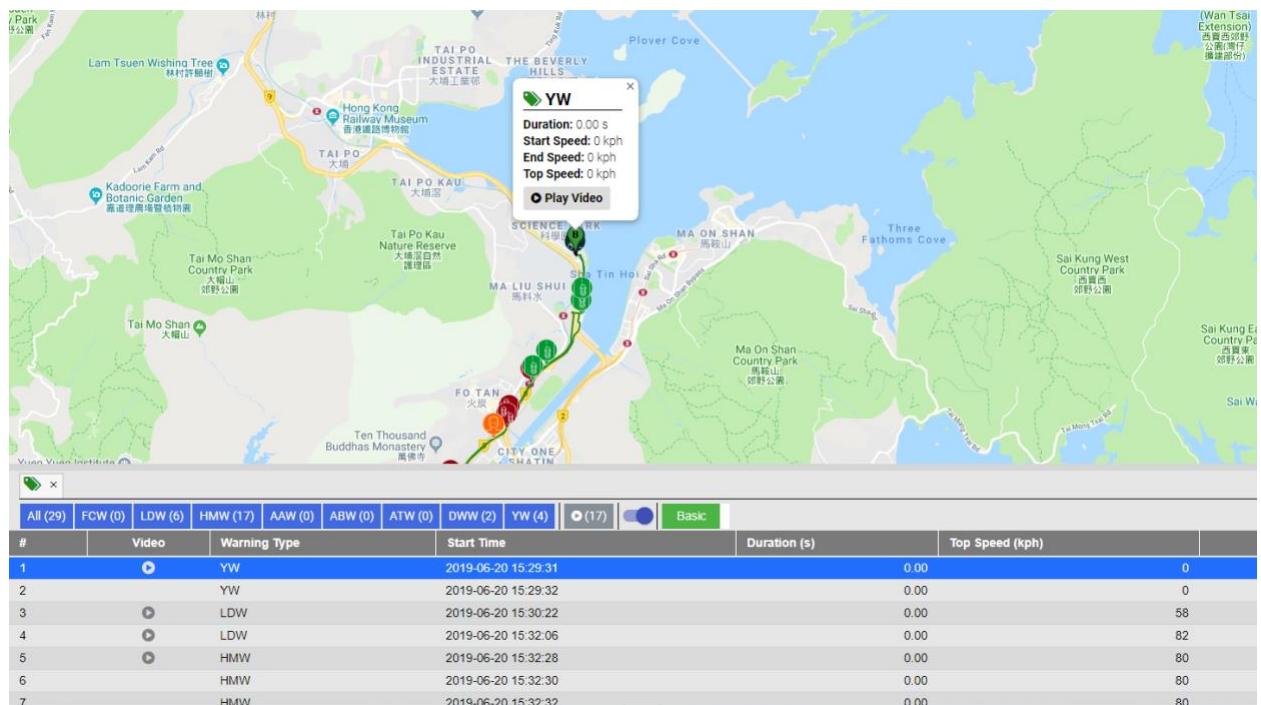
8. Click on the tabs  and the corresponding warnings will be shown.
9. If you choose more than 4 trips, an error message box will be shown. You will have to close one tab to view other trips.



10. You can check where the warnings happened. For example,  marked where the warning happened.



- Click on the warning marker or the row in the table. An info-window with detail will be popped up.

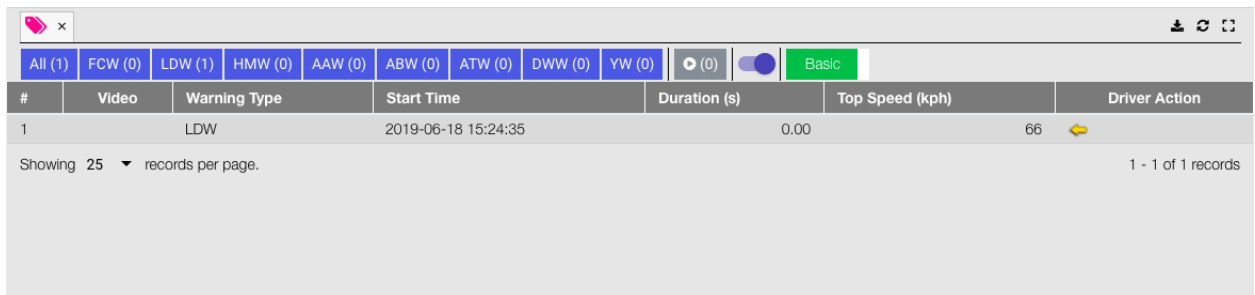


- The list on the bottom will show the warning information. Toggle on to the warning marker on the map.

#	Video	Warning Type	Start Time	Duration (s)	Top Speed (kph)	Driver Action
1		LDW	2019-06-18 15:24:35	0.00	66	

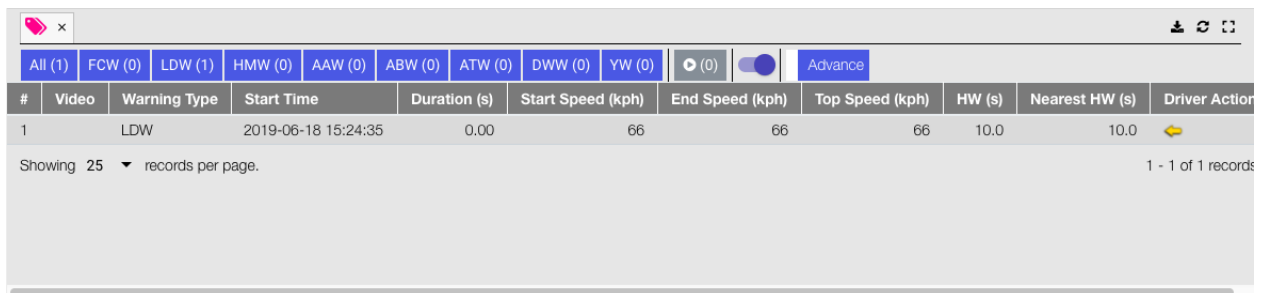
Showing 25 records per page. 1 - 1 of 1 records

13. Users can switch from basic mode **Basic** to advanced mode **Advance** for more details of the trip.



#	Video	Warning Type	Start Time	Duration (s)	Top Speed (kph)	Driver Action
1		LDW	2019-06-18 15:24:35	0.00	66	

Showing 25 records per page. 1 - 1 of 1 records



#	Video	Warning Type	Start Time	Duration (s)	Start Speed (kph)	End Speed (kph)	Top Speed (kph)	HW (s)	Nearest HW (s)	Driver Action
1		LDW	2019-06-18 15:24:35	0.00	66	66	66	10.0	10.0	

Showing 25 records per page. 1 - 1 of 1 records

14. The content of each column are the following.

Items	Description
Video	A play button show when the warning pre-defined to be captured the video during the warning occurred
Start Time	The warning starting time
Duration (s)	The warning start to end duration
Start Speed (kph)	The speed when the warning was started




End Speed (kph)	The speed when the warning was ended
Top Speed (kph)	The top speed during the warning was occurred
HW (s)	Headway distance to vehicle ahead (unit second)
Nearest HW (s)	The nearest headway distance to vehicle ahead (unit second)
Driver Action	The driver follow up action was taken during the warning (Turning signal/brake, etc). Check out Driver Action for more information.

15. Users can filter the warnings by clicking on the warning names. Each warning's count is next to the name.


<div> </div> <div> <div> All (1) FCW (0) LDW (1) HMW (0) AAW (0) ABW (0) ATW (0) DWW (0) YW (0) 0 (0) Basic </div> </div>							
#	Video	Warning Type	Start Time	Duration (s)	Top Speed (kph)	Driver Action	
1		LDW	2019-06-18 15:24:35	0.00	66		
Showing 25 records per page.							1 - 1 of 1 records

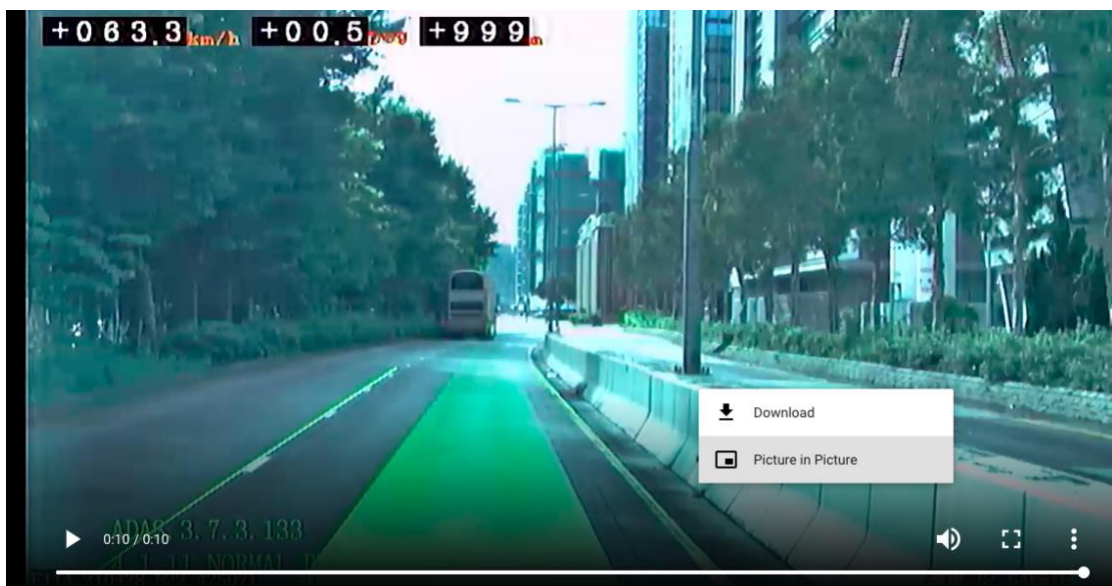
16. You can select to view records with videos.

<div> </div> <div> <div> All (29) FCW (0) LDW (6) HMW (17) AAW (0) ABW (0) ATW (0) DWW (2) YW (4) 17 (17) Basic </div> </div>							
#	Video	Warning Type	Start Time	Duration (s)	Top Speed (kph)	Driver Action	
1		YW	2019-06-20 15:29:31	0.00	0		
2		LDW	2019-06-20 15:30:22	0.00	58		
3		LDW	2019-06-20 15:32:06	0.00	82		
4		HMW	2019-06-20 15:32:28	0.00	80		
5		HMW	2019-06-20 15:33:36	0.00	58		
6		HMW	2019-06-20 15:36:46	0.00	82		
7		YW	2019-06-20 15:50:31	0.00	0		

17. If  is shown in warning details, video is attached. You may click on  to watch the video. If  is shown, an video is pending for upload.



18. If you want to download the video, please click "Download" under  to start downloading the video.

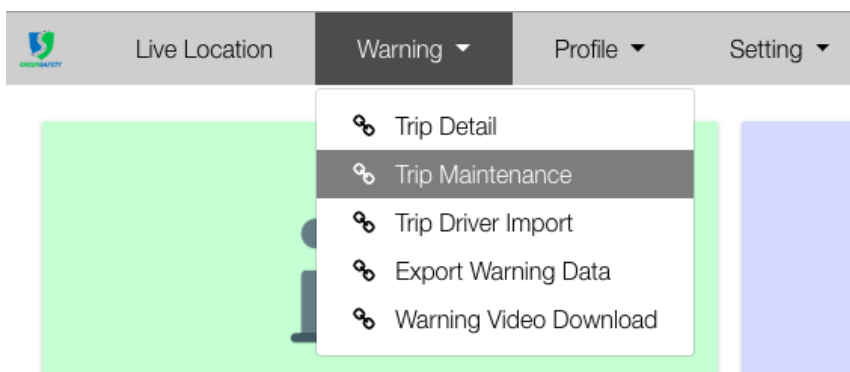


19. You may also click  to download all warning records as a CSV file.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Video ID	Warning Typ	Start Time	Vehicle	Vehicle Depa	Driver	Driver Depar	Duration (s)	Start Speed (End Speed (k	Top Speed (k	HW (s)	Nearest HW (s)
2	20190620152936_23832	YW	#####	GST_TEST	Root			0	0	0	0	0	0
3	20190620153027_23834	LDW	#####	GST_TEST	Root			0	58	58	58	10	10
4	20190620153211_23836	LDW	#####	GST_TEST	Root			0	82	82	82	6	6
5	20190620153233_23838	HMW	#####	GST_TEST	Root			0	80	80	80	0	0
6	20190620153341_23840	HMW	#####	GST_TEST	Root			0	58	58	58	0	0
7	20190620153651_23842	HMW	#####	GST_TEST	Root			0	82	82	82	0	0
8	20190620155036_23844	YW	#####	GST_TEST	Root			0	0	0	0	0	0

Trip Maintenance

1. Select "Trip Maintenance" under "Warning" on menu bar.



2. Select the start date, end date.

Note: Date range is allowed to select a maximum range of 1 year.

Trip Maintenance	
Start Date	2019/01/24
End Date	< 1月 2019 >
Dept. (Veh.) ⓘ	週一 週二 週三 週四 週五 週六 週日
Licence Plate ⓘ	31 01 02 03 04 05 06
Driver Name ⓘ	07 08 09 10 11 12 13
	14 15 16 17 18 19 20
	21 22 23 24 25 26 27

Trip Maintenance	
Start Date	2019/01/24
End Date	2019/01/25
Dept. (Veh.) ⓘ	< 1月 2019 >
Licence Plate ⓘ	週一 週二 週三 週四 週五 週六 週日
Driver Name ⓘ	31 01 02 03 04 05 06
	07 08 09 10 11 12 13
	14 15 16 17 18 19 20
	21 22 23 24 25 26 27
	28 29 30 31 01 02 03

Trip List

3. Select licence plate, driver department and driver name. Click ⓘ to check for the description of option.

Please note that you can only select one option for each field. If you want to view more, please select N/A.

To query trips which without driver, please select "EMPTY" for driver name.

Trip Maintenance	
Start Date	2019/01/24
End Date	2019/01/25
Dept. (Veh.) ⓘ	N/A
Licence Plate ⓘ	N/A
Driver Name ⓘ	N/A
Query	

4. Click "Query".

Trip List									Q Search	👤	🔄
Trip ID	▼ Start Time	End Time	Vehicle	Vehicle Department	Driver	Driver Department	Mileage (KM)	Average Speed (kph)	Last Updated		
9	2019-06-12 14:46:00	2019-06-12 14:50:00	AA1111	Root	Eva 🖋️	Root	30.0	450.0	2019-06-12 17:17:00 (SYSTEM)		
Showing 10 ▼ records per page.										1 - 1 of 1 records	

5. Click on to input driver name.

2019-01-03 12:54:44

GS-Tester-A-0762

Department (Vehicle)

Root

Driver

Select driver from the list:

2223 [Root]

666 [Root]

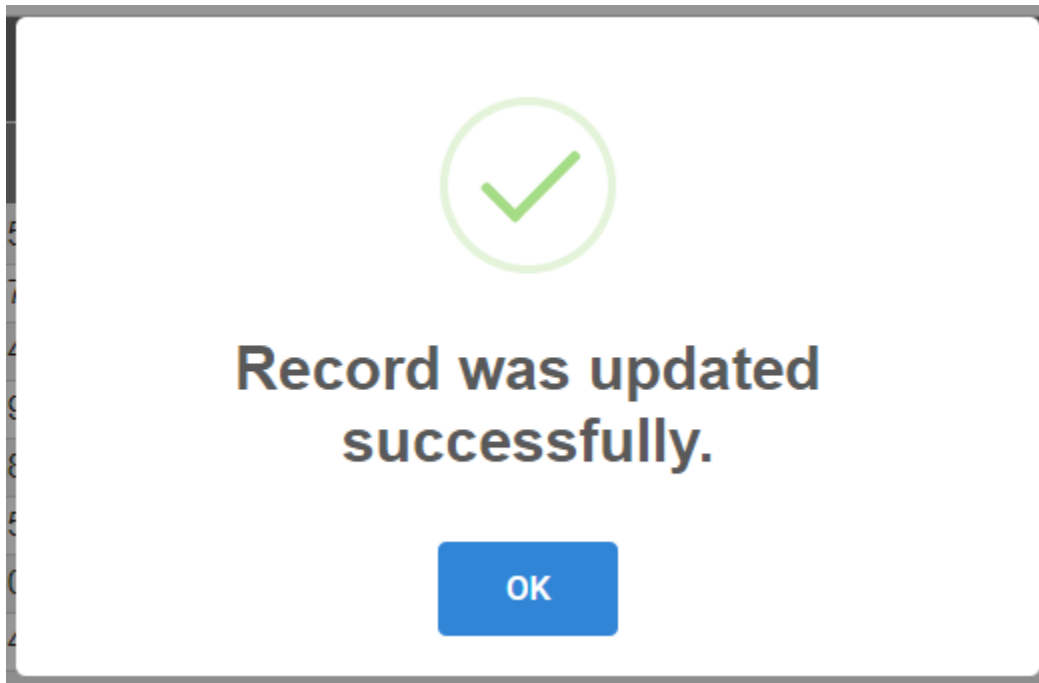
666 [Root]

666 [Root]


CANCEL











OK

6. Confirmation message will be prompted upon successful submission.



Trip Driver Import (Input Driver Names at Once)

1. Download the queried trip list in "Trip Maintenance". Click  to download as a CSV file.

Trip List							
Trip ID	▼ Start Time	End Time	Vehicle	Department (Vehicle)	Driver	Department (Driver)	Last Updated
2636429	2019-01-15 10:35:15	2019-01-15 10:40:39	GS-Tester-A-0504	Root			2019-01-15 10:41:03 (SYSTEM)
2636343	2019-01-15 09:48:26	2019-01-15 10:47:40	GS-Tester-A-0762	Root			2019-01-15 10:47:45 (SYSTEM)
2636427	2019-01-15 09:32:12	2019-01-15 09:52:55	GS-Tester-A-0504	Root			2019-01-15 10:38:31 (SYSTEM)
2636029	2019-01-15 09:10:52	2019-01-15 11:03:29	GS-Tester-A-1021	Root			2019-01-15 11:03:38 (SYSTEM)
2635895	2019-01-15 08:24:32	2019-01-15 09:40:55	GS-Tester-A-0762	Root			2019-01-15 09:41:01 (SYSTEM)
2635479	2019-01-15 07:12:38	2019-01-15 08:12:45	GS-Tester-A-1021	Root			2019-01-15 08:12:55 (SYSTEM)
2635513	2019-01-15 07:05:09	2019-01-15 08:17:59	GS-Tester-A-0762	Root			2019-01-15 08:43:51 (SYSTEM)
2635509	2019-01-15 06:50:43	2019-01-15 07:00:01	GS-Tester-A-0762	Root			2019-01-15 07:18:43 (SYSTEM)
2635371	2019-01-15 06:19:11	2019-01-15 09:20:06	GS-Tester-A-0504	Root			2019-01-15 10:38:27 (SYSTEM)
2635261	2019-01-15 05:55:14	2019-01-15 06:07:58	GS-Tester-A-0504	Root			2019-01-15 06:39:37 (SYSTEM)

2. Open the CSV you have just downloaded.

Trip ID	Start Time	End Time	Vehicle	Vehicle Department	Driver	Driver Code	Driver Department	Mileage (KM)	Average Speed (kph)	Last Updated
155	7/4/2019 13:34	7/4/2019 13:44	GST_TEST	Root				4.6	2.1	2019-06-28 13:23:01 (SYSTEM)
154	7/4/2019 13:00	7/4/2019 13:13	GST_TEST	Root				4.6	1.7	2019-06-28 13:23:01 (SYSTEM)
153	7/4/2019 11:20	7/4/2019 11:57	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)
152	7/4/2019 10:56	7/4/2019 10:58	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)
151	7/4/2019 10:55	7/4/2019 10:55	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)

3. Key in the corresponding driver name in column G.

A	B	C	D	E	F	G	H	I	J	K
Trip ID	Start Time	End Time	Vehicle	Vehicle Department	Driver	Driver Code	Driver Department	Mileage (KM)	Average Speed (kph)	Last Updated
155	7/4/2019 13:34	7/4/2019 13:44	GST_TEST	Root		123456		4.6	2.1	2019-06-28 13:23:01 (SYSTEM)
154	7/4/2019 13:00	7/4/2019 13:13	GST_TEST	Root		55555		4.6	1.7	2019-06-28 13:23:01 (SYSTEM)
153	7/4/2019 11:20	7/4/2019 11:57	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)
152	7/4/2019 10:56	7/4/2019 10:58	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)
151	7/4/2019 10:55	7/4/2019 10:55	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)

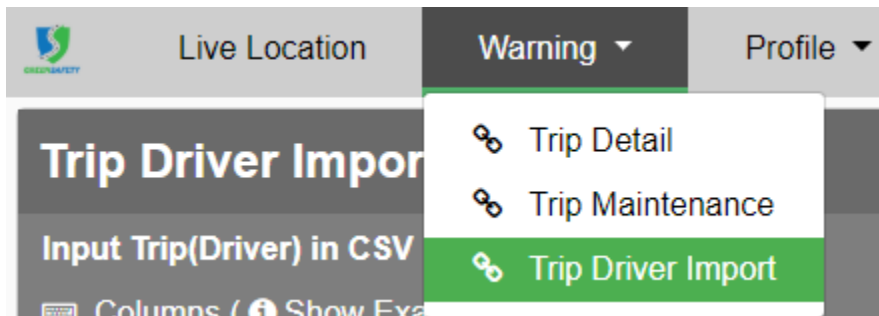
4. Enter the formula =A2&", "&G2 to column L. The example below input the formula in cell L2.

A	B	C	D	E	F	G	H	I	J	K	L	M
Trip ID	Start Time	End Time	Vehicle	Vehicle Department	Driver	Driver Code	Driver Department	Mileage (KM)	Average Speed (kph)	Last Updated		
155	7/4/2019 13:34	7/4/2019 13:44	GST_TEST	Root		123456		4.6	2.1	2019-06-28 13:23:01 (SYSTEM)	=A2&", "&G2	
154	7/4/2019 13:00	7/4/2019 13:13	GST_TEST	Root		55555		4.6	1.7	2019-06-28 13:23:01 (SYSTEM)		
153	7/4/2019 11:20	7/4/2019 11:57	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)		
152	7/4/2019 10:56	7/4/2019 10:58	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)		
151	7/4/2019 10:55	7/4/2019 10:55	1111test_	Root				0	0	2019-07-04 11:57:02 (SYSTEM)		

- You may copy the formula to all rows that you want to update. Copy the code in column L.

A	B	C	D	E	F	G	H	I	J	K	L
Trip ID	Start Time	End Time	Vehicle	Vehicle Department	Driver	Driver Code	Driver Department	Mileage (KM)	Average Speed (kph)	Last Updated	
155	7/4/2019 13:34	7/4/2019 13:44	GST_TEST	Root		123456		4.6	2.1	2019-06-28 13:23:01 (SYSTEM)	155,123456
154	7/4/2019 13:00	7/4/2019 13:13	GST_TEST	Root		55555		4.6	1.7	2019-06-28 13:23:01 (SYSTEM)	154,55555

- Select "Trip Driver Import" under "Warning" on menu bar.



- Paste the copied code in the textarea below. Click "Submit". Please note that you can only put one code for a line. New a line for another record.

Trip Driver Import

Input Trip(Driver) in CSV Format.

Columns (Hide Examples) :

Trip ID,Driver Code

Examples :

```
11940174,98YXY5
119392344,XXYX2
93923543,XYXX_2
```

11940174,12344 11940174,12348
11940174,12345 11940174,12349
11940174,12346 11940174,12350
11940174,12347 11940174,12351|

Trip Driver Import

Input Trip(Driver) in CSV Format.

Columns (Hide Examples) :

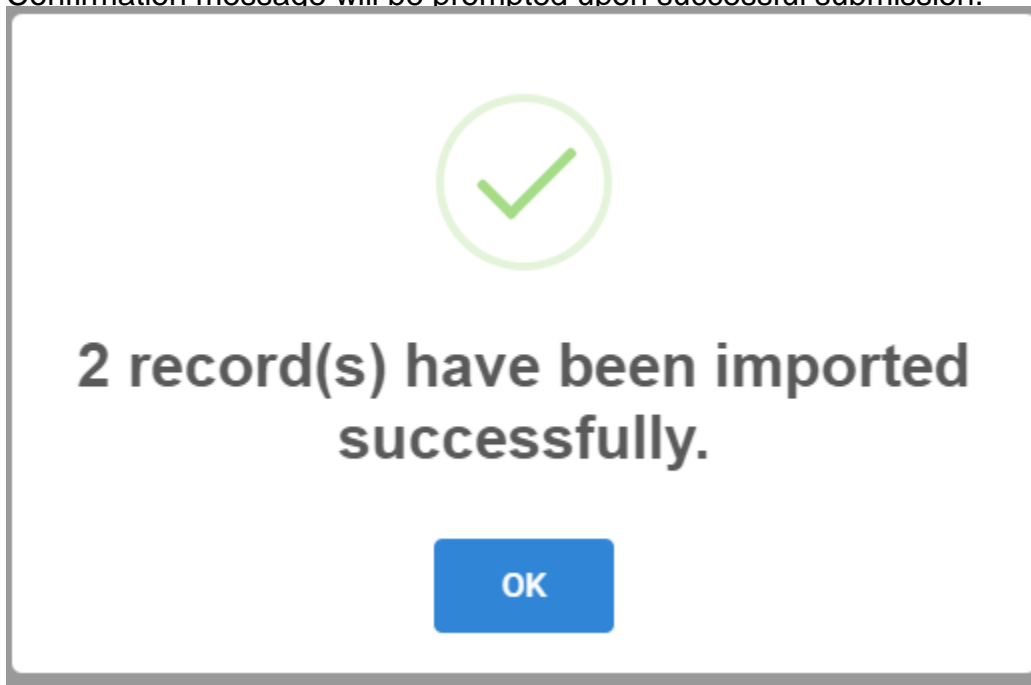
Trip ID,Driver Code

Examples :

```
11940174,98YXY5
119392344,XXYX2
93923543,XYXX_2
```

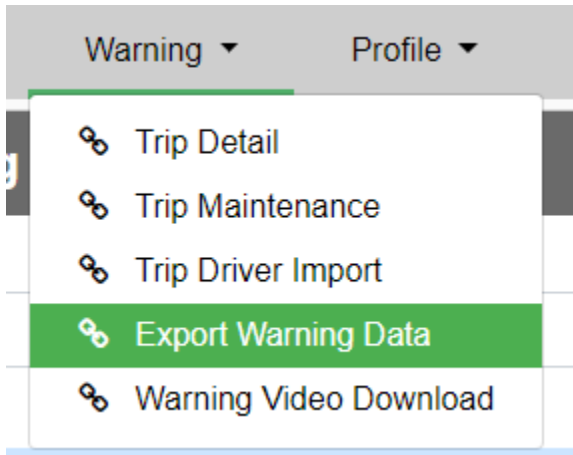
11940174,12344
11940174,12345
11940174,12346
11940174,12347
11940174,12348
11940174,12349
11940174,12350
11940174,12351|

8. Confirmation message will be prompted upon successful submission.



Export Warning Data

1. Select "Export Warning Data" under "Warning".




2. Enter the filename when necessary.

Downloaded Format will be: "< Warning Data Filename >.csv"

If nothing input, default values: "WarningData_< Current Date >.csv" will be used.

A screenshot of a web form titled 'Export Warning Data' in a dark grey header bar. On the right side of the header is a 'Download' button with a download icon. Below the header, there is a label 'Warning Data Filename' followed by a text input field containing the word 'Test'. Below the input field is a 'Filter' label with a blue information icon.

3. Click  to check for the instructions for using the filter.

Filter 

- Check the corresponding box to apply the filter.
- Warning Date is allowed to select a maximum range of 1 year.
- All the select type filters allow multiple selection.
- All the input type filters only accept positive integer or positive number with 1 decimal place.
- If you want to apply multiple related filters, please apply it according to the sequence (check Help Page for more information).

4. Select the date range of warnings that you want to download.

Note: Warning date is allowed to select a maximum range of 1 year.

A screenshot of a date range selection interface. At the top, there is a checked checkbox followed by the text 'Warning Date'. Below this, there are two date input fields. The first field contains '2018/02/12' and has a green vertical bar to its left. The second field contains '2019/02/12' and has an orange vertical bar to its left. A minus sign '-' is positioned between the two date fields.

5. Select the filter(s) that you want to apply.

Note: If no filter is applied, all data within date range will be downloaded.

<input checked="" type="checkbox"/> Warning Date 2019/03/05 - 2019/03/06	<input type="checkbox"/> Warning Type Select Warning Type	<input type="checkbox"/> Driver Department Select Driver Department	<input type="checkbox"/> Driver Group Select Driver Group
<input type="checkbox"/> Driver Select Driver	<input type="checkbox"/> Vehicle Department Select Vehicle Department	<input type="checkbox"/> Vehicle Group Select Vehicle Group	<input type="checkbox"/> Vehicle Brand Select Vehicle Brand
<input type="checkbox"/> Vehicle Model Select Vehicle Model	<input type="checkbox"/> Vehicle Type Select Vehicle Type	<input type="checkbox"/> Vehicle Select Vehicle	<input type="checkbox"/> Vehicle Total Run Distance Input Vehicle Total Run Distance
<input type="checkbox"/> Warning - Duration Input Warning - Duration	<input type="checkbox"/> Warning - Start Speed Input Warning - Start Speed	<input type="checkbox"/> Warning - End Speed Input Warning - End Speed	<input type="checkbox"/> Warning - Top Speed Input Warning - Top Speed
<input type="checkbox"/> Warning - HW Input Warning - HW	<input type="checkbox"/> Warning - Nearest HW Input Warning - Nearest HW	<input type="checkbox"/> Warning - Video Select Warning - Video	<input type="checkbox"/> Warning - Driver Action Select Warning - Driver Action

6. If you want to apply multiple related filters, please apply it according to the sequence.

(1) Driver Department→Driver Group→Driver

(2) Vehicle Department→Vehicle Group→Vehicle Brand→Vehicle Model→Vehicle Type→Vehicle

Note: The options of the last filter in the sequence will be affected by the related filter(s).

- Input / Select the criteria of each selected filter(s) respectively.

☒ Warning - Duration

2.6

Select Warning Type

Q

☐ Select All

☐ FCW

☐ LDW

☐ HMW

☐ AAW

☐ ABW

☐ ATW

☐ DWW

☐ YW

- Click download. You can browse the warning data after opening the file.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	Start Time	End Time	Warning	Latitude	Longitude	Duration	Start Sp	End Sp	Top Sp	Sp Rate	HW (s)	Nearest HW	Driver A	Video Status	Video ID	Dangero	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Run	Vehicle	Driver	Driver	Dep	Driver Group
2	20/6/2019 15:29	20/6/2019 15:29	YW	22.424	114.21		0	0	0	0		0	0	Ready	20190620152936_23832	N	GST_TEST	Root		TEST	TEST	Car	28.7	264			
3	20/6/2019 15:29	20/6/2019 15:29	YW	22.424	114.21		0	0	0	0		0	0			N	GST_TEST	Root		TEST	TEST	Car	28.7	264			

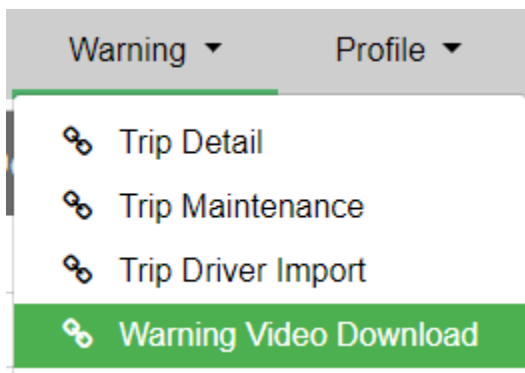
Warning Video Download

1. You have to get the CSV of trip warnings or warning data first. Copy the video ID in the CSV. You can check out [Trip Detail](#) / [Export Warning Data](#) for more details.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Video ID	Warning Typ	Start Time	Vehicle	Vehicle Depa	Driver	Driver Depar	Duration (s)	Start Speed	End Speed (k	Top Speed (k	HW (s)	Nearest HW (s)
2	20190620152936_23832	YW	#####	GST_TEST	Root			0	0	0	0	0	0
3		YW	#####	GST_TEST	Root			0	0	0	0	0	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA		
1	Start Time	End Time	Warning Latitude	Longitude	Duration (s)	Start Sp	End Sp	Top Sp	Rate (HW (s)	Nearest HW Driver A	Video Status	Video ID	Dangero	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Driver	Driver	Dep	Driver	Group
2	20/6/2019 15:29	20/6/2019 15:29	YW	22.424	114.21	0	0	0	0	0	0	Ready	20190620152936_23832	N	GST_TEST	Root	TEST	TEST	Car	28.7	264								
3	20/6/2019 15:29	20/6/2019 15:29	YW	22.424	114.21	0	0	0	0	0	0			N	GST_TEST	Root	TEST	TEST	Car	28.7	264								

2. Select "Warning Video Download" under "Warning".



3. Enter the filename and prefix of video filename when necessary.

Downloaded Format will be: "< ZIP Folder Filename >.zip" and "< Video Filename Prefix >_< Video ID >.mp4"

If nothing input, default values: "VideoArchive_< Current Date >.zip" and "< Video_ID >.mp4", will be used.

Warning Video Download
Download

ZIP Folder Filename

Video Filename Prefix

4. Enter the video ID of the videos that you wanted to download. If there is more than one ID, please put them line by line. Click download.

Note: Maximum accept 50 Video ID(s).

Warning Video DownloadDownload

ZIP Folder Filename

Test

Video Filename Prefix

Test

5_20190105_000148_0dhvJB2

5_20190105_001948_0dhv796

5. Unzip the downloaded file.

Note: If there is an error in some of the video ID, a file "ERROR_ID.txt" will be generate in the ZIP folder, which will contains the wrong video ID.

Profile

1. Select the profile you want to view under "Profile".

The screenshot shows the top navigation bar with tabs: Live Location, Warning, Profile, and Setting. The Profile tab is selected. Below it, a dropdown menu is open, showing options: Company Profile, Vehicle Profile, Vehicle Group Profile, Driver Profile, and Driver Group Profile. On the left, a 'Trip Driver Import' section is visible, prompting the user to input trip data in CSV format with columns like Trip ID and Driver Name.

2. If you want to check out the company profile, please decide whether to view the company profile by date, week, month or year and click "submit".

The screenshot shows the 'Company Profile' view. It includes a 'View' dropdown set to 'Daily' and a 'Date' field set to '2019/01/02'. A date picker calendar for January 2019 is open, showing the 2nd as the selected date. Below the calendar, there is a 'Basic Information' section showing 'As At Date: 2019-01-02' and 'Company Name: GreenSafe'. To the right, a 'Overall Performance' chart is partially visible.

If you are looking at other profiles, please choose your target's licence plate, vehicle group, driver or driver group.

The screenshot shows the 'Vehicle Profile' view. It includes a 'Licence Plate' field and a 'View' dropdown. A dropdown menu for 'Select Vehicle' is open, showing a search bar and a list of vehicle identifiers: 4444 [Root], AB1234 [Root], AM0037 [Root], China-2 [Root], and China-3 [Root]. The 'Date' field is also visible at the bottom of the sidebar.

3. View Your Grade and Score
 - a. Basic Information and Grade

Basic Information

This part would show the basic information of the target.

Sometimes, there is no record of the date you selected since the running distance is less than 20KM. In that case, latest record will be displayed. "As At Date" indicates the date of the record that currently displayed.

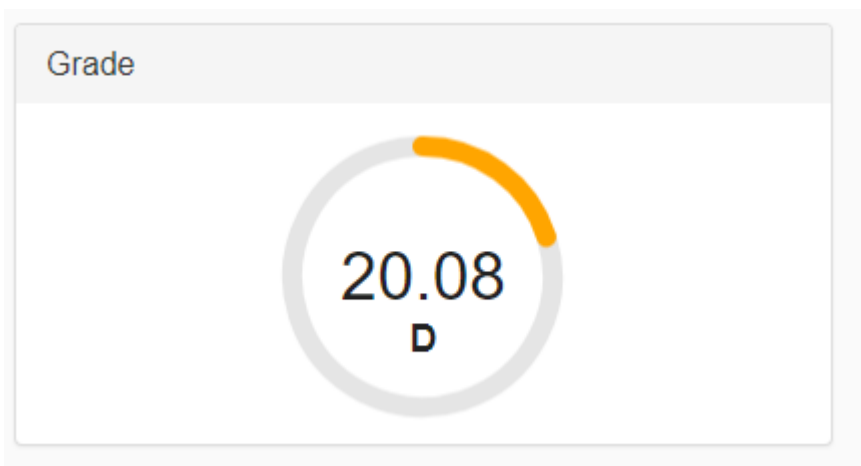
Basic Information

As At Date: 2019-01-02

Company Name: GreenSafety Company (Demo)

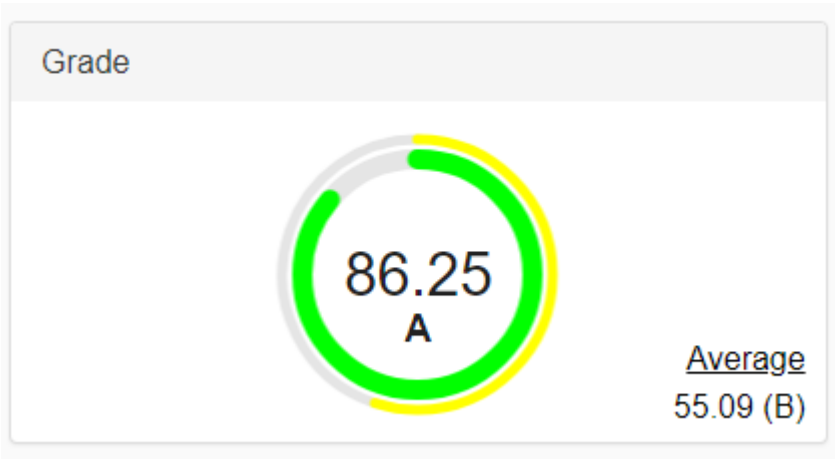
Grade

This part would show the target's grade. Please look at [Grading and Score](#) for details.



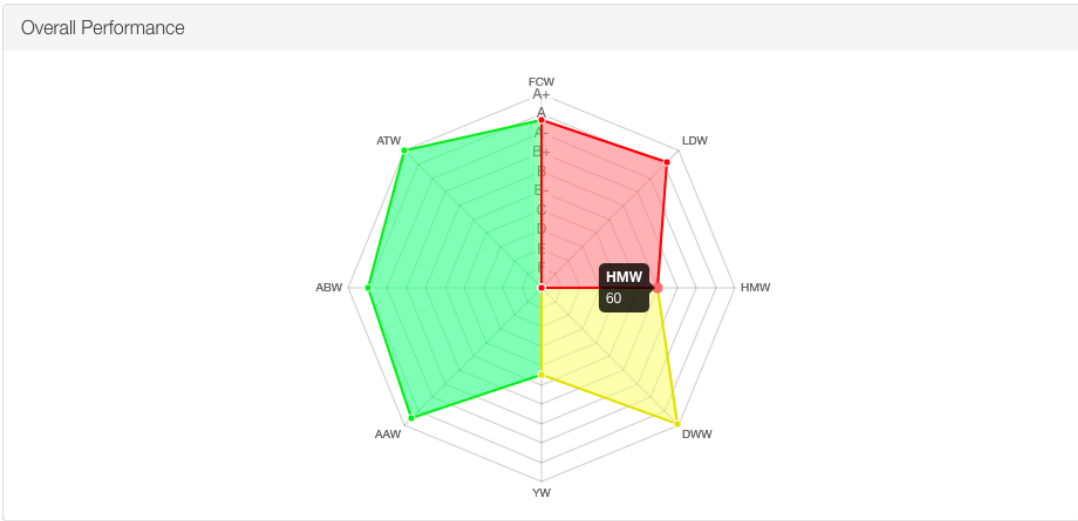
The grades in other profiles contains an outer circle and an inner circle. The outer circle refers the company's score with the actual number and grade in brackets at the right bottom. The inner circle refers to the target's value with

actual number in the circle.



b. Overall Performance

This part integrates target's performance in different warning aspects.
Hover the point can view the corresponding marks. Click on the point can view the detailed list of the warnings. Check out [Warning Type](#) for more information.



Click on can filter records with video. If is shown, an video is pending for upload. Click can download records as a CSV file. Click on can refresh the records. Click on can exit.

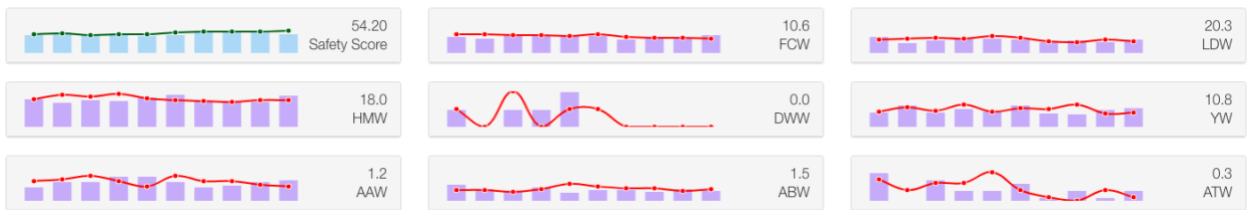
AAW													
Video	Start Time	Vehicle	Vehicle Department	Driver	Driver Department	Duration (s)	Start Speed (kph)	End Speed (kph)	Top Speed (kph)	HW (s)	Nearest HW (s)		
	2019-06-23 00:24:20	GS-Tester-A-0762	lv1 u4			1.02	0	17	17	0.0	0.0		
	2019-06-23 00:24:22	GS-Tester-A-0504	Root			1.03	23	41	41	0.0	0.0		

c. Bar charts

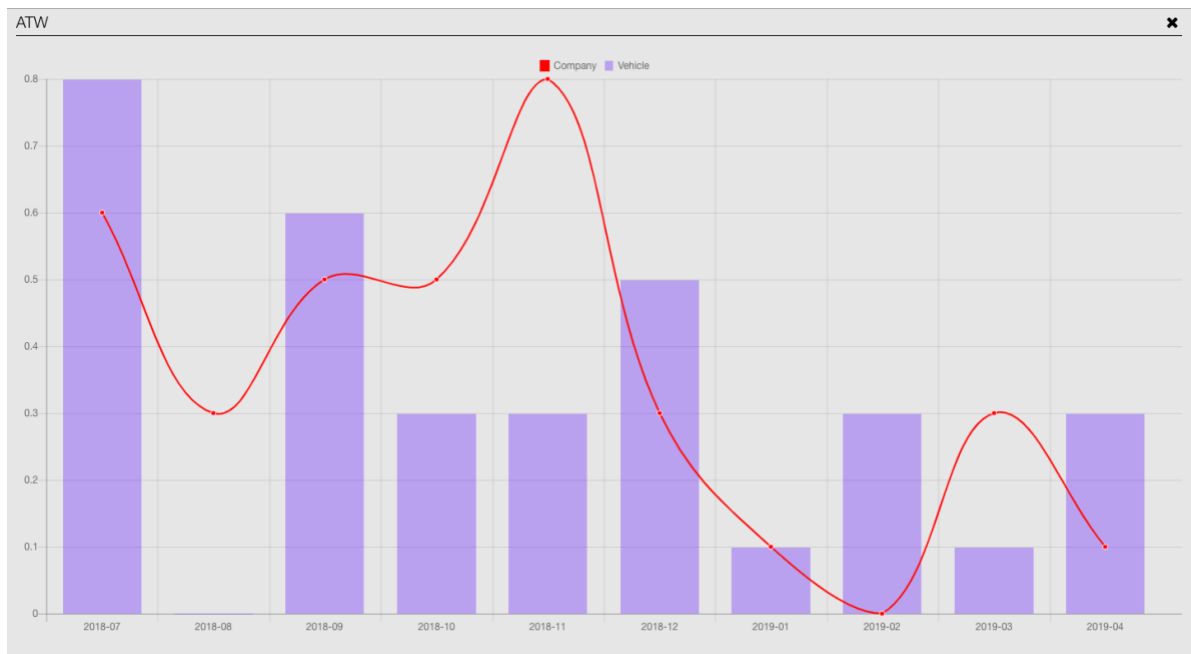
You may check out bar charts for each warning. In company profile, basic bar charts are used with the numbers as the latest values.



Other profiles would show a line together with the bar chart. The line shows performance of the company and the bar shows performance of the target.



You may click to view enlarged chart.






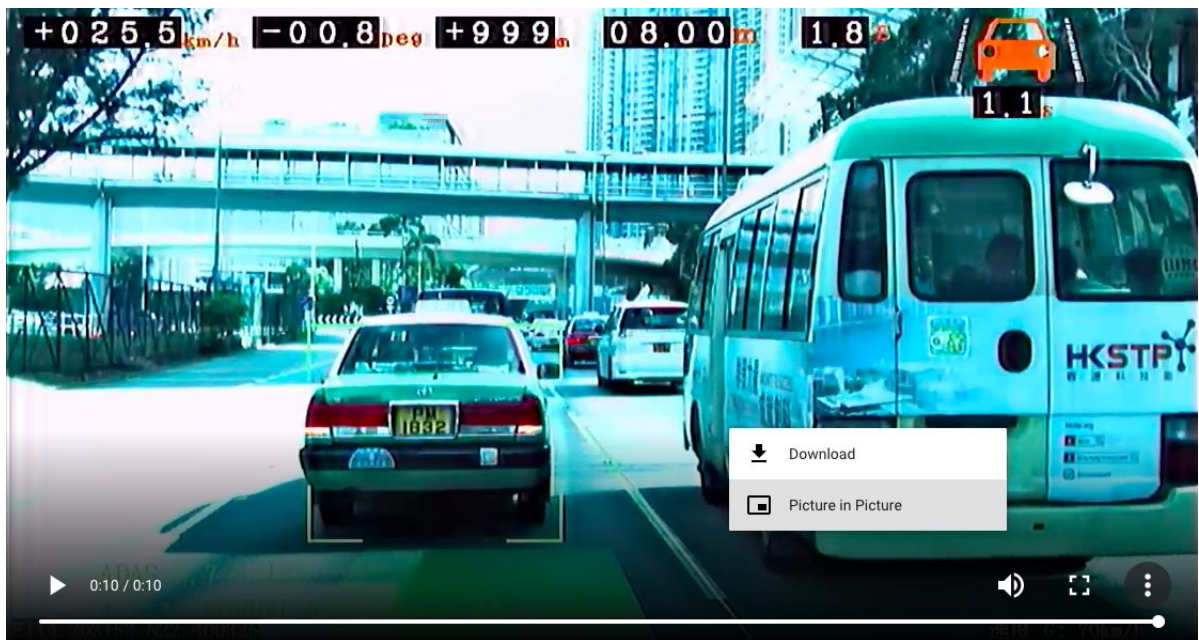
4. You may scroll down to view more information. Click to see corresponding detail records.

Dangerous Video	>
Actual Warning Count - Vehicle	>
Warning Count / 100KM - Vehicle	>
Safety Score - Vehicle	>

- a. Click "Dangerous Video" to view details of the dangerous driving records.


Click  to download all records.

Click  to play videos. If  is shown, an video is pending for upload. If you want to download videos, please click "Download" under  to start download.



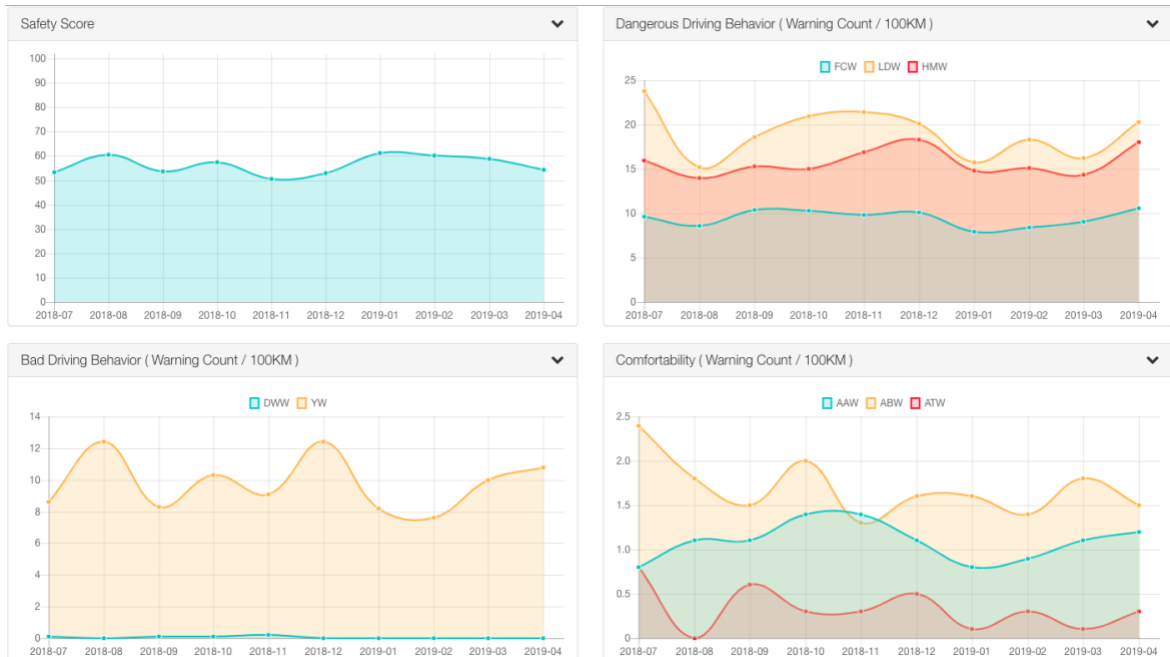
- b. On the page of company profile, you may view actual warning count, warning count/ 100KM and safety score by different roles, including company, vehicle group, vehicle, driver group, driver.

On other profile page, you can only view the records related to the target. Click to see record details.

The example below uses actual warning count as an example. Click  to download as a CSV file. Check out [Warning Type](#) for more information.

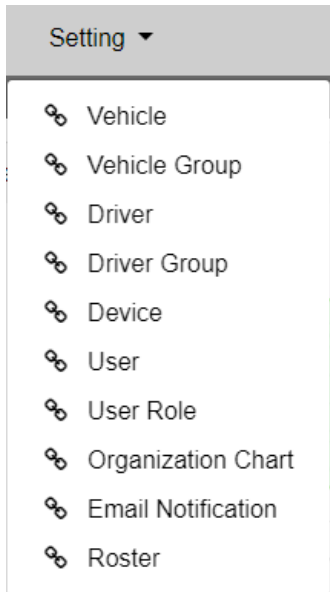
Actual Warning Count - Vehicle										
▼ Start Date	Distance	Dangerous Driving Behavior			Bad Driving Behavior		Comfortability			
		FCW	LDW	HMW	DWW	YW	AAW	ABW	ATW	
2019-04-01	10000.0 KM	1060	2030	1800	0	1080	120	150	30	
2019-03-01	10000.0 KM	910	1620	1430	0	1000	110	180	10	

- c. In profiles other than company profile, you may expand "Score Ranking" to check out the ranking.
- d. You may also view the line chart of the safety score, collision warning count/100 KM, bad driving behaviour warning count/100 KM and comfortability warning count/100 KM. Hover the points to check out corresponding score.



Setting

1. Select a category in the drop-down menu of settings.



2. Corresponding information and operations would be displayed. The following uses vehicle as an example.

Vehicle Maintenance

Q

Search

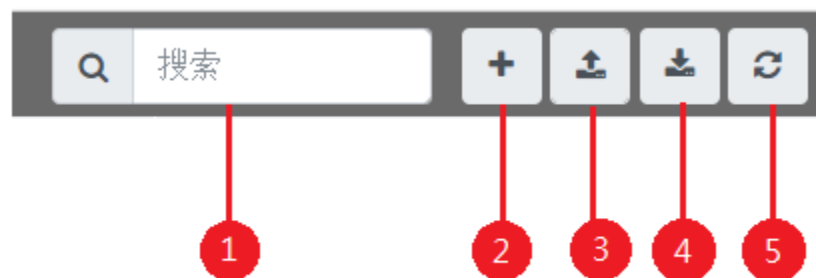
+

▲ Vehicle ID	Licence Plate	VIN	Brand	Model	Type	Year	Department	Run Distance	Status	Last Updated	Action
1	AA1111	1111	Rover	Discovery	Car	2013	Root	0.4 KM	Active	2019-06-12 17:17:00 (SYSTEM)	
24	BB2223	2223	Honda	Freed	Van	2010	Root	0.0 KM	Inactive	2019-05-29 10:48:00 (eva)	
34	YUWEI_TEST	12345	TEST	TEST	Car	2019	Root	0.0 KM	Active	2019-06-13 13:27:00 (zilvia)	

Showing 25 records per page.

1 - 3 of 3 records

3. The following are explanations to the menu buttons.



1. Search
2. Add single item

3. Add multiple items **Not supported in Device, User, User Role, Organization Chart, Email Notification and Roster
4. Download as CSV **Not supported in Roster
5. Refresh

Search

The following uses vehicle settings as an example. Search function in other settings pages follows.

1. Enter keywords here.

Vehicle Maintenance

Search

▲ Vehicle ID	Licence Plate	VIN	Brand	Model	Type	Year	Department	Run Distance	Status	Last Updated	Action
1	AA1111	1111	Rover	Discovery	🚗 Car	2013	Root	0.4 KM	Active	2019-06-12 17:17:00 (SYSTEM)	<div><div></div><div></div></div>
24	BB2223	2223	Honda	Freed	🚐 Van	2010	Root	0.0 KM	Inactive	2019-05-29 10:48:00 (eva)	<div><div></div><div></div></div>
34	YUWEI_TEST	12345	TEST	TEST	🚗 Car	2019	Root	0.0 KM	Active	2019-06-13 13:27:00 (zilvia)	<div><div></div><div></div></div>

Showing 25 records per page.

1 - 3 of 3 records

2. Information that contain the keyword would be filtered and shown. This function searches information globally without targeting any particular column. Keyword contained in any column would be displayed.

Vehicle Maintenance

Q

12

+

⬇

⬆

↺

▲ Vehicle ID	Licence Plate	VIN	Brand	Model	Type	Year	Department	Run Distance	Status	Last Updated	Action
1	AA1111	1111	Rover	Discovery	🚗 Car	2013	Root	0.4 KM	Active	2019-06-12 17:17:00 (SYSTEM)	<div><div>🔍</div><div>🔴</div></div>
34	YUWEI_TEST	12345	TEST	TEST	🚗 Car	2019	Root	0.0 KM	Active	2019-06-13 13:27:00 (zilvia)	<div><div>🔍</div><div>🔴</div></div>

Showing 25

▼

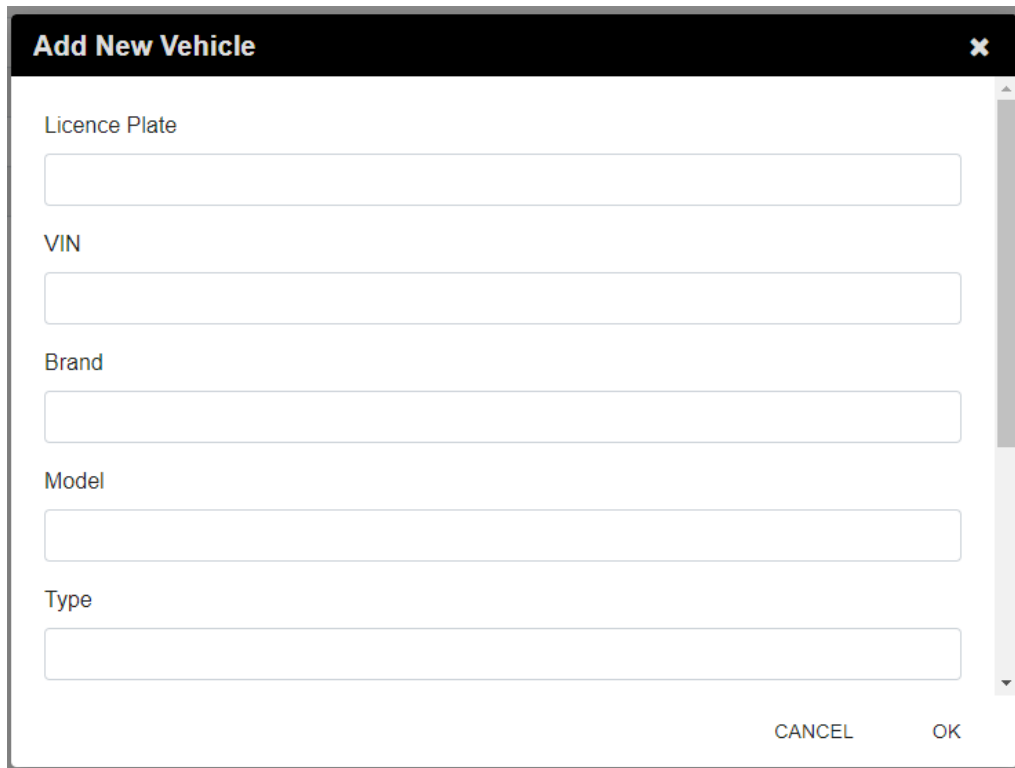
records per page.

1 - 2 of 2 records

Add Single Item

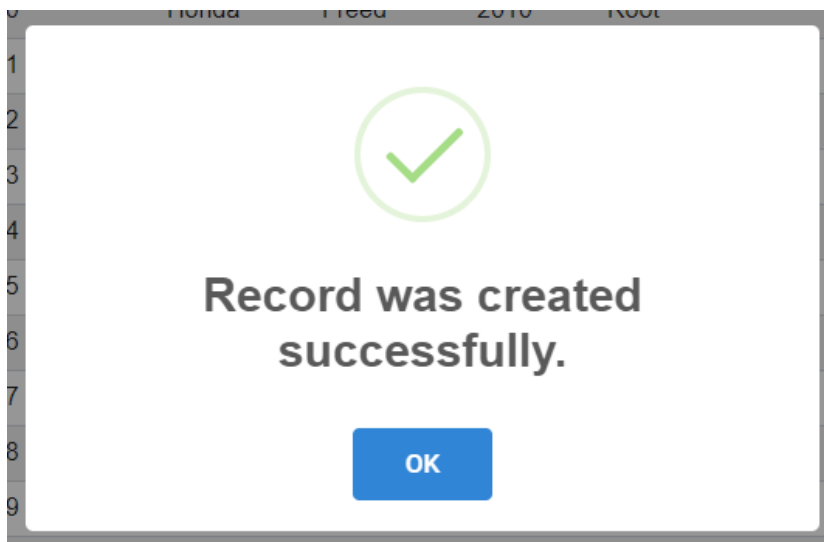
1. If you want to add a single item, please click on the "add single item" button.
2. Fill in the form and click "OK". The form content differs in different settings.

The following is the form of vehicle as an example.



The screenshot shows a modal window titled "Add New Vehicle" with a close button (X) in the top right corner. The form contains five input fields, each with a label to its left: "Licence Plate", "VIN", "Brand", "Model", and "Type". Each label is followed by a white rectangular input box. At the bottom right of the form, there are two buttons: "CANCEL" and "OK".

3. Confirmation messages will be prompted upon successful submission.



Add Multiple Items

You may upload a single CSV file to insert multiple items. This function is limited for vehicle detail, vehicle, vehicle group, driver and driver group maintenance. Different settings has its own format and columns. Please put the data line by line. A line should contain only one item.

1. Vehicle

Format: < licence plate*^ >,< vehicle* >,< status* >,< department* >

Status value only accept 'A' or 'I'.

Example: GS123, (Honda) 13, A, GS

2. Vehicle Group

Format: 1,< group name*^ >,< group descpt* >,< department* >

or; 2,< group name* >,< licence plate* >

All addind group rows (those start with 1) should go before add vehicle rows (those start with 2).

Example : 1, GroupA, Testing, GS

3. Driver

Format: < name* >,< driver code*^ >,< staff card id >,< phone home >,< phone mobile >,< phone office >,< date of birth >,< department* >

Please input date of birth in the format of 'YYYY-mm-dd'.

Example: 28, 11155, , , , , GS

4. Driver Group

Format: 1,< group name*^ >,< group descpt* >,< department* >

or; 2,< group name* >,< driver name* >

All adding group rows (those start with 1) should go before adding driver rows (those start with 2). If there are drivers with same name, only the first one will be added to group.

Example : 2, GroupA, 28

Click on the upload icon, select your file and click "open".

* required fields

^ unique fields

Download as a File

You can download all data as a CSV file. Click the download icon and download will start.

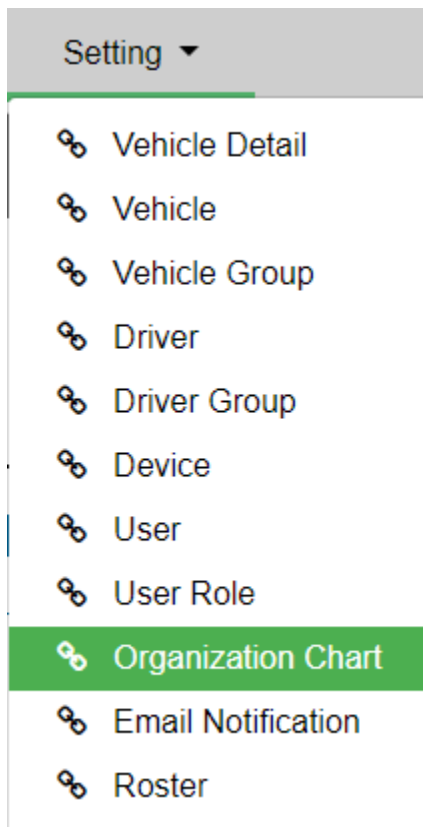
In Organization Chart settings, a PNG image file will be downloaded.

The following is an downloaded example of vehicle.

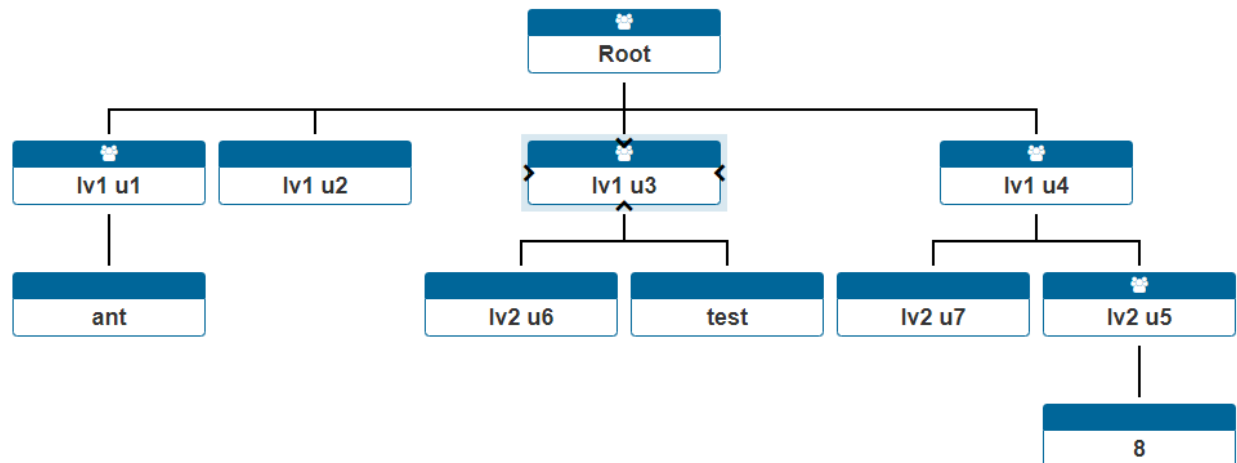
	A	B	C	D	E	F	G	H	I	J	K
1	Vehicle ID	Licence Plate	VIN	Brand	Model	Type	Year	Department	Run Distance	Status	Last Updated
2	1	AA1111	1111	Rover	Discovery	Car	2013	Root	0.4	Active	2019-06-12 17:17:00 (SYSTEM)
3	34	YUWEI_TEST	12345	TEST	TEST	Car	2019	Root	0	Active	2019-06-13 13:27:00 (zilvia)

Organization Chart Maintenance

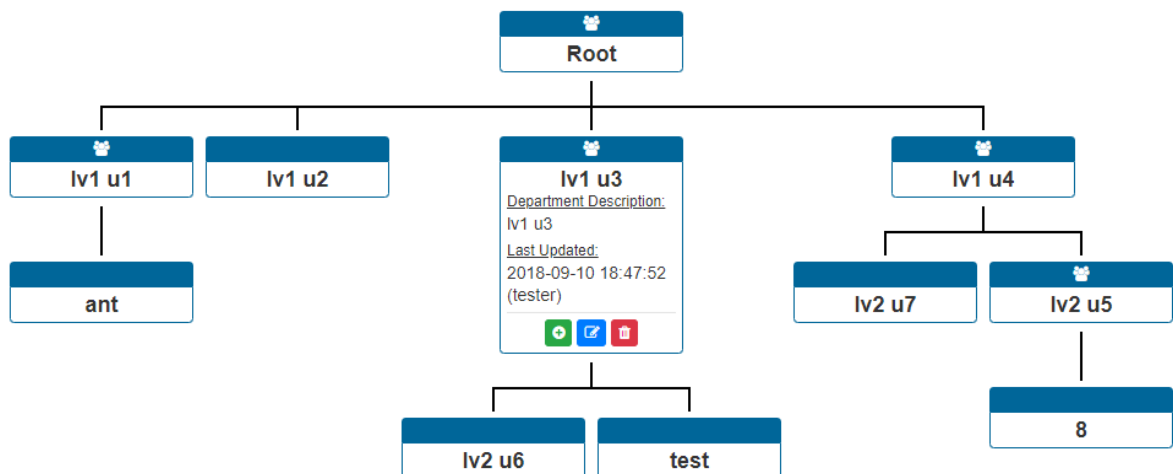
1. Select "Organization Chart" under "Settings".






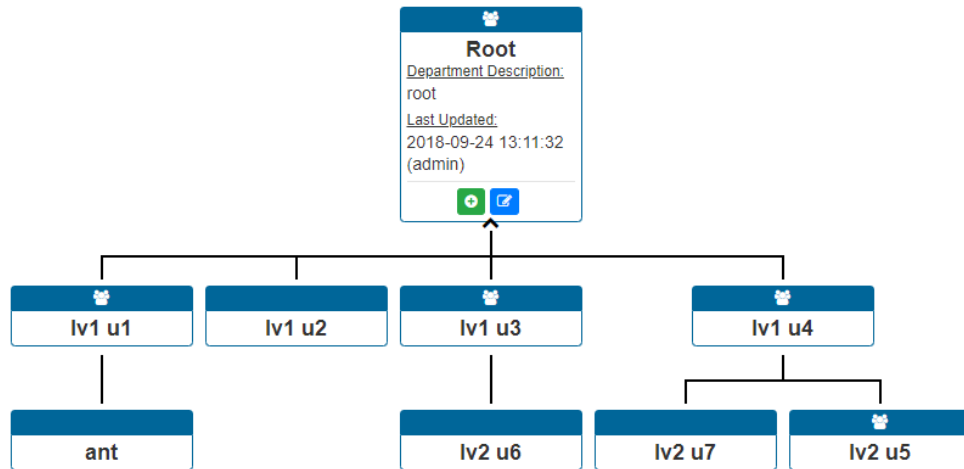
2. Hover to each department block can view the possible expand or collapse directions.
- Note: Each department can only view/add/edit the data belongs to it or belongs to the departments under it.



3. Click to view department details.

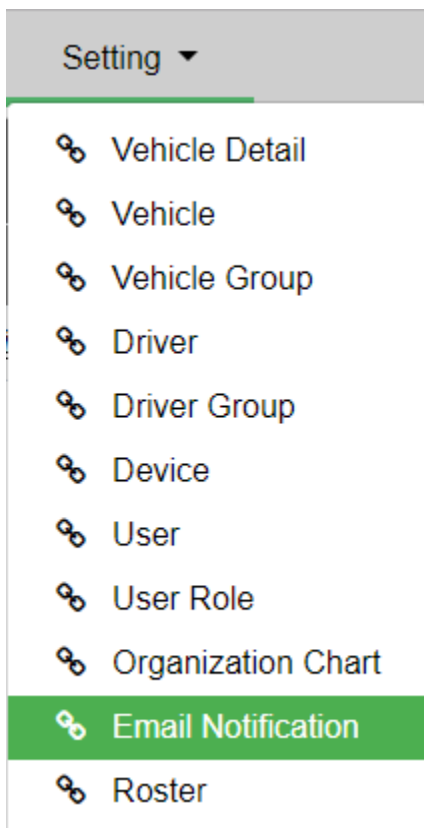


4. Click    to add/edit/delete department.
- The department of the current user is not deletable.







Email Notification Maintenance




1. Select "Email Notification" under settings.





2. Toggle  can switch on email subscription of the corresponding report.

Email Notification Maintenance			
		<input type="text" value="Search"/>	 
▲ Notification Item	Email(s)	Status	Action
Vehicle Offline Report	aa@testing.com; bb@testing.com; cc@testing.com		
Showing 25 records per page.		1 - 1 of 1 records	

3. Click  can edit the recipient list.

Email Notification Maintenance			
		<input type="text" value="Search"/>	 
▲ Notification Item	Email(s)	Status	Action
Vehicle Offline Report	aa@testing.com; bb@testing.com; cc@testing.com		
Showing 25 records per page.		1 - 1 of 1 records	

4. Click  to remove the email address from the subscription list.

If you want to add a new email address to the list, fill the new email address in the input box and click  . Click OK.

Edit Email Notification

Notification Item

Vehicle Offline Report

Status

Off

Email

aa@testing.com

bb@testing.com

cc@testing.com

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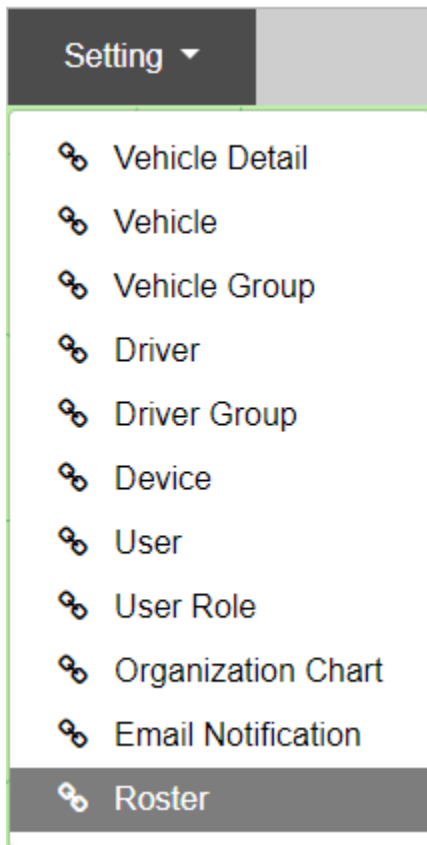
CANCEL

OK

5. If you want to receive reports that are not shown, please contact us.

Roster

1. Select "Roster" under "Setting".



2. Copy the prepared roster to the textarea. Click "submit".

RosterSubmit

Input Roster in CSV Format.

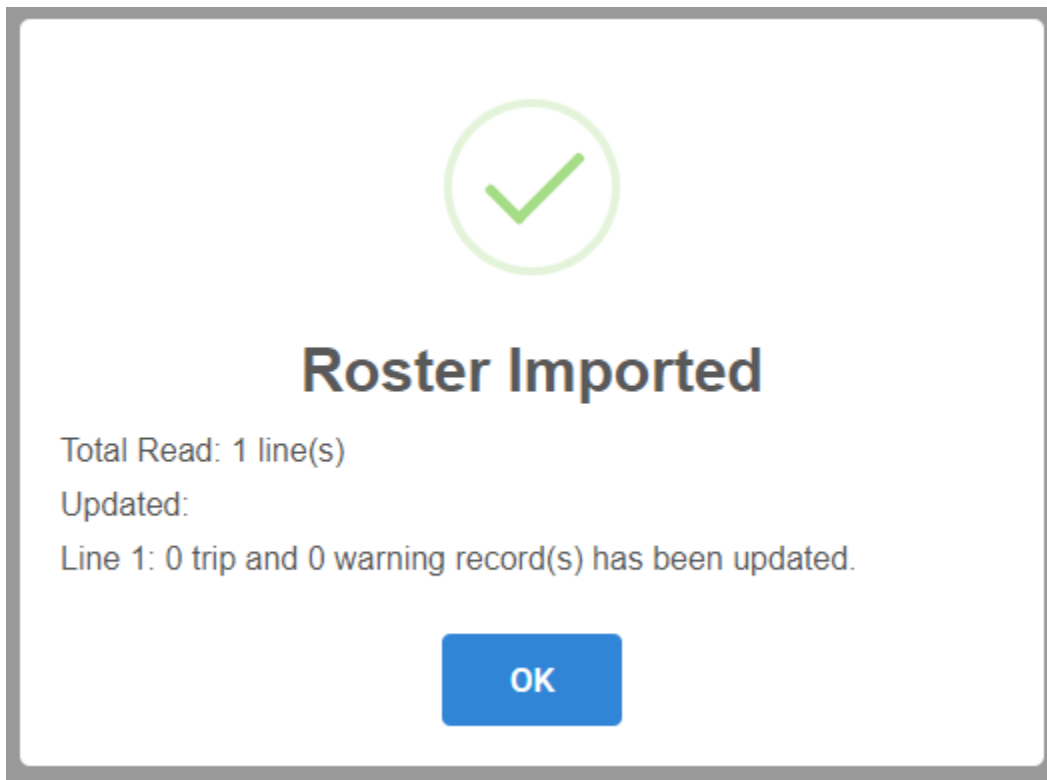
Columns (ⓘ Show Examples) :

Licence Plate,Staff Code (Optional),Driver Name,Start Time (yyyy-MM-dd hh:mm)

☒ Check if driver code or driver name is already exists.

Please input roster in here.
e.g. B07536C,Ming Chan,2017-10-24 08:00

3. Confirmation message will be prompted upon successful submission.











4. Check if the driver name is added under live warning.




QUERY			
TRIP LIST			
	GS-Tester-A-0854		
	Root		
	2019-01-04		5.0 KM
	07:50 - 08:08		00:17
	GS-Tester-A-0762		Test Use...
	Root		Root
	2019-01-04		30.5 KM
	07:25 - 08:04		00:38
	GS-Tester-A-0854		
	Root		
	2019-01-04		6.0 KM
	07:18 - 07:47		00:28
	GS-Tester-A-0762		Test Use...
	Root		Root

Abbreviations and Symbols








Warning Type

Warning Type	Button	Marker	Fullname	Description
FCW	FCW (0)		Forward Collision Warning	Alerts driver to react and avoid collision when the risk of an impending forward collision with vehicle/pedestrian/obstacles is too high.
LDW	LDW (1)		Lane Departure Warning	Alerts driver when the car begins to swerve from the driving lane without turning on direction indicator signal.
HMW	HMW (0)		Headway Monitoring Warning	Alerts driver when the headway is less than predefined distance (in seconds) value.
AAW	AAW (0)		Abrupt Acceleration Warning	Vehicle speed accelerated over predefined speed change value within a second.
ABW	ABW (0)		Abrupt Braking Warning	Vehicle speed decelerated over predefined speed change value within a second.
ATW	ATW (0)		Abrupt Turning Warning	The centripetal acceleration over predefined value within two seconds.
DWW	DWW (0)		Drowsing Warning	Alerts driver when the driver is drowsy lasting longer than predefined duration value.
YW	YW (0)		Yawning Warning	Alerts driver when the driver is yawning lasting longer than predefined duration value.

Driver Action

Symbols	Description
	Turn on left indicator
	Turn on right indicator
	Brakes

Vehicle Type

Vehicle Type	Vehicle Icon	Vehicle Type Code (For Importing multiple items)
Car		1
Van		2
Mini-Bus		3
Bus		4
Truck		5
Concrete Truck		6
Others		7

Appendix

Grading and Score

Score range	Grade
90.00 - 100	A+
80.00 - 89.99	A
70.00 - 79.99	A-
60.00 - 69.99	B+
50.00 - 59.99	B
40.00 - 49.99	B-
30.00 - 39.99	C
20.00 - 29.99	D
10.00 - 19.99	E
00.00 - 09.99	F

All Recommendations

Warnings	Recommendations
FCW	Pay attention to the pedestrians / vehicles / obstacles in front and slow down when necessary. Avoid driving towards the pedestrians / vehicles / obstacles with high speed.
LDW	Avoid swerving from driving lane. Give a direction signal before switching lanes.
HMW	Leave a long enough headway between your vehicle and the front vehicle. Avoid staying too close.
AAW	Avoid sudden acceleration when driving.
ABW	Avoid sudden braking. When there is a changing traffic light, save plenty of time for slowing down.
ATW	Avoid cornering with high speed, slow down during cornering when needed.
DWW	Pay attention to road situation during driving, avoid fatigue driving.
YW	Get sufficient sleep before driving, avoid fatigue driving.