

Vehicle Management System

CARGISPLAYER

User Manual

Version 1.0

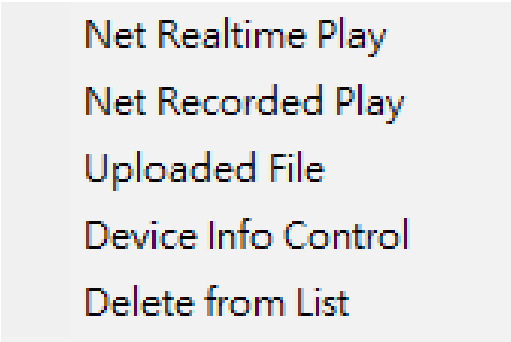
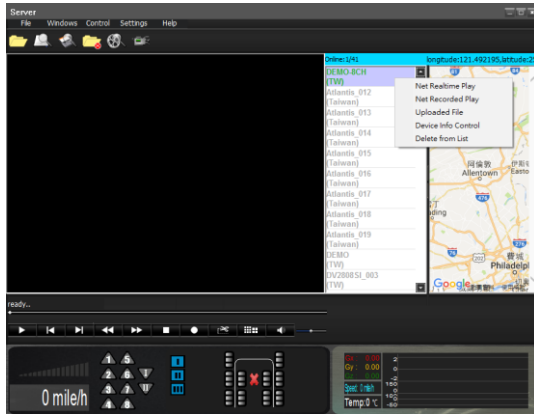
2017.07.25

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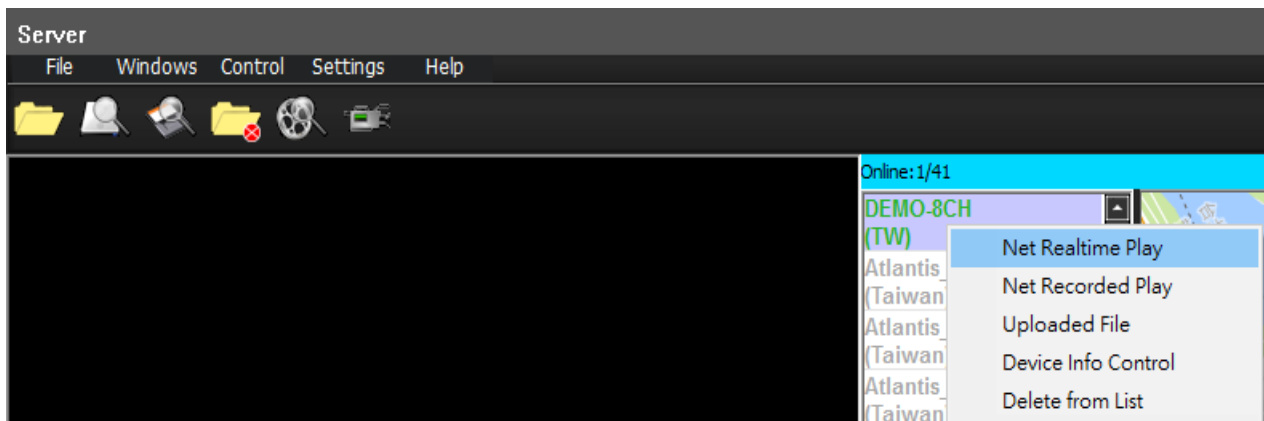
1. Media Play

After MDVR online, user can move array to Car ID and click right on MDVR List. Follow those item (Net Realtime Play, Net Recorded Play, Upload File, Device Info Control, Delete from List) Server can remote get vehicle information.

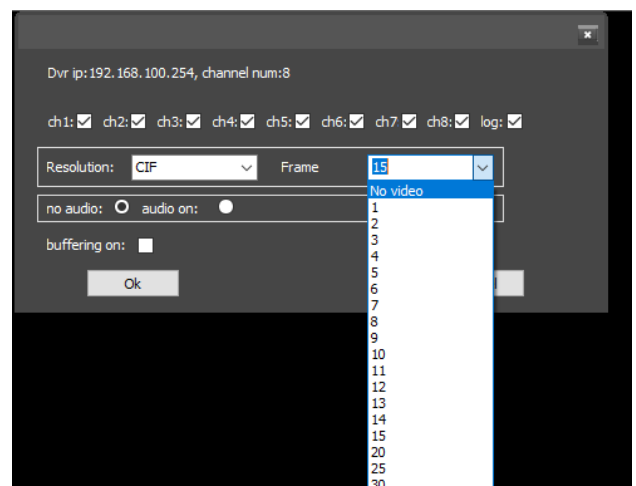
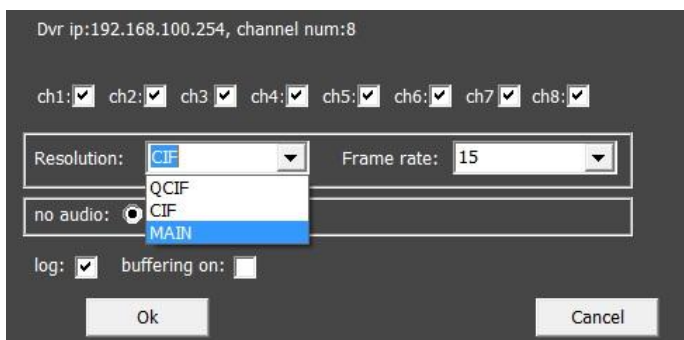


1.1 Net Real-time Play

Execute Net Realtime Play, system can get live video and sensor parameters.

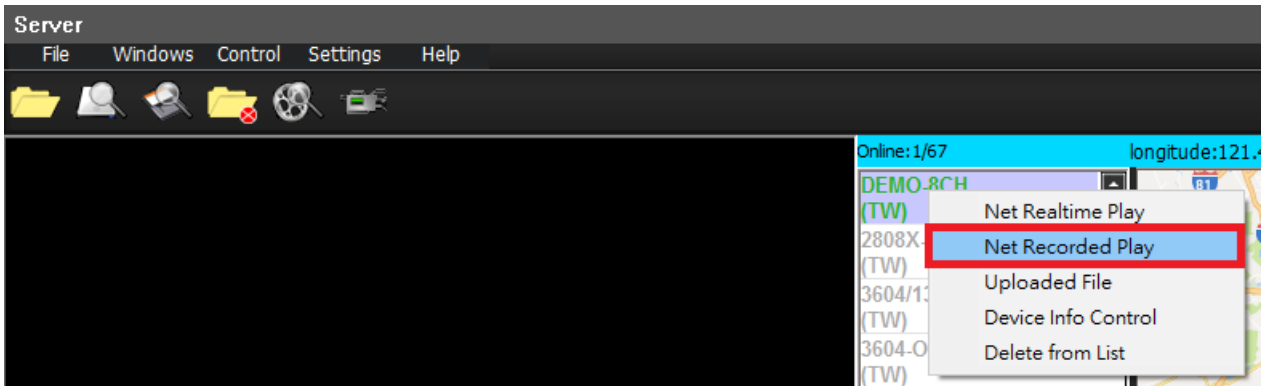


- For different network bandwidth environments, user can set different resolution to keep the smoothness of the firm.

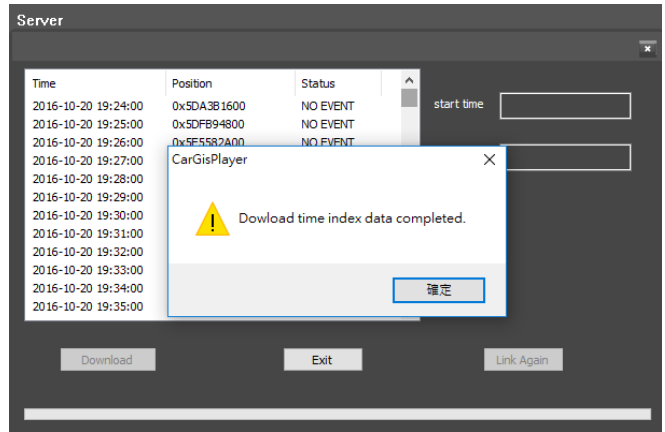
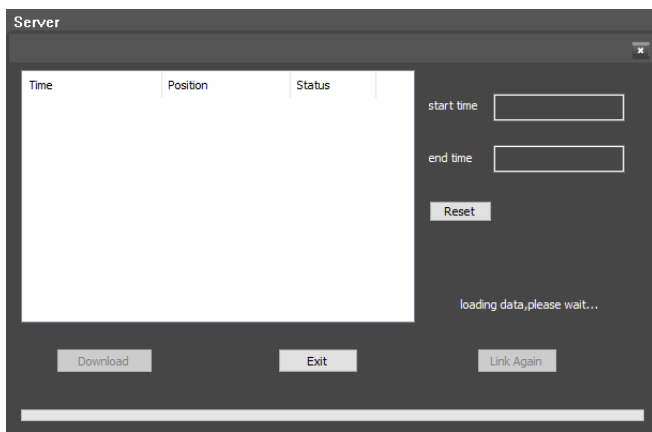


1.2 Net Recorded Play

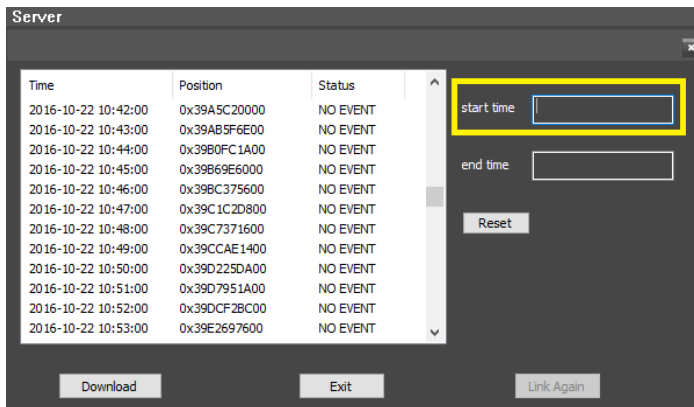
The system supports remote backup, user can remote download someone section of video though RJ45, WIFI 3G/4G Network.



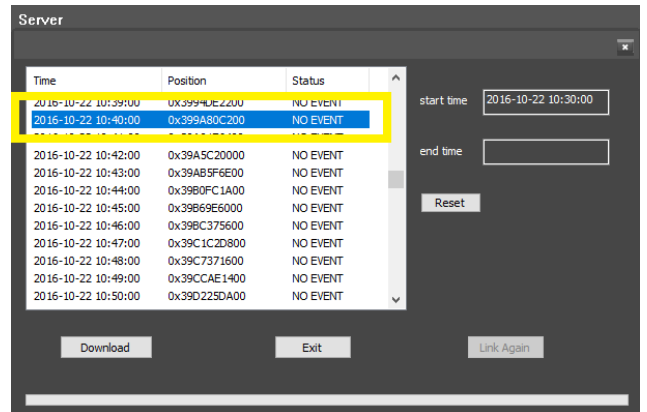
Step 1. After click Net Recorded Play, apply the notification message.



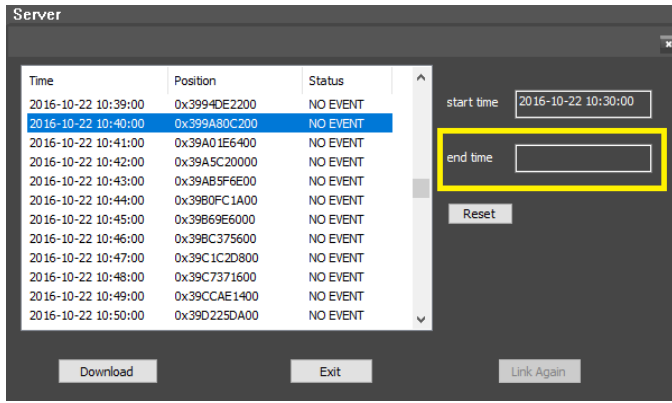
Step2. Click start time frame first.



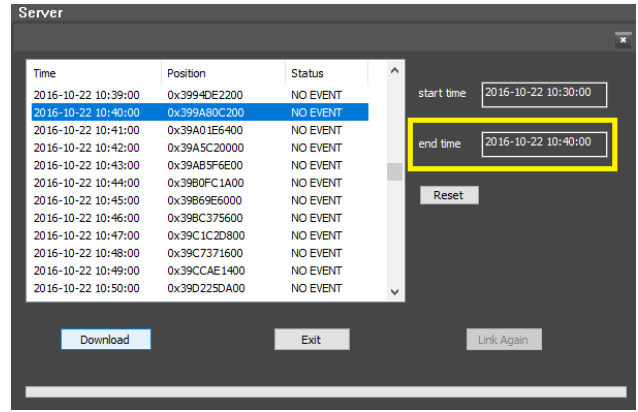
Step3. Select start time on left frame.



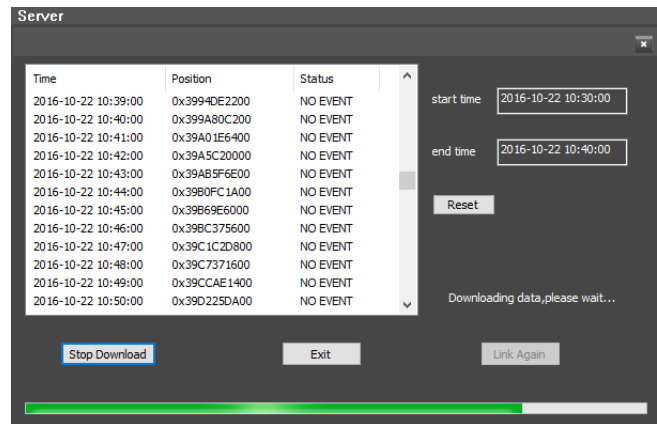
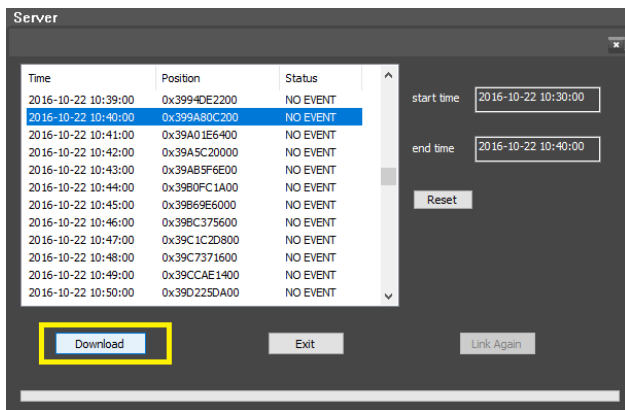
Step4. Click end time frame first.



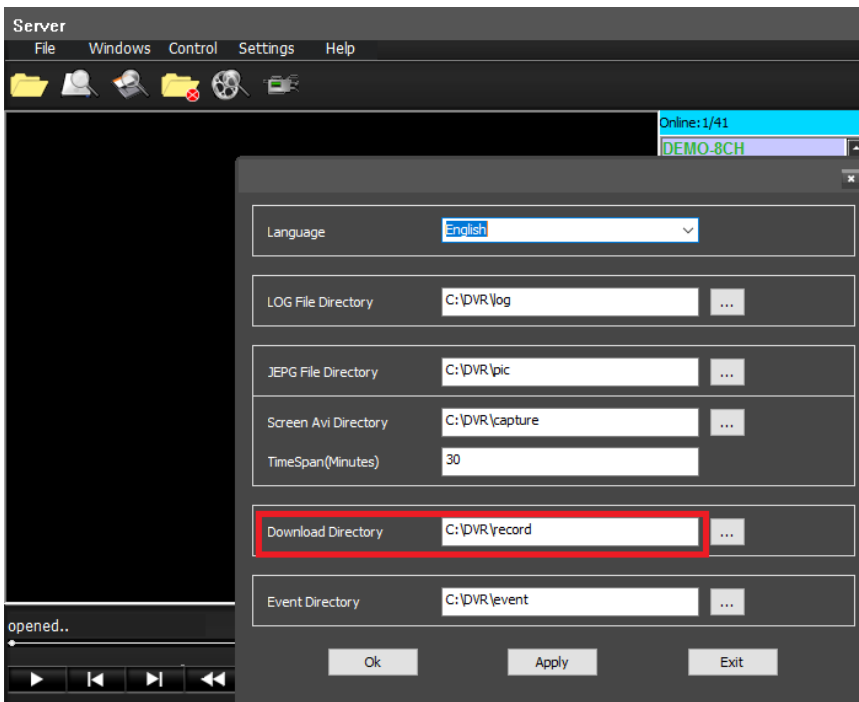
Step5. Select end time on left frame.



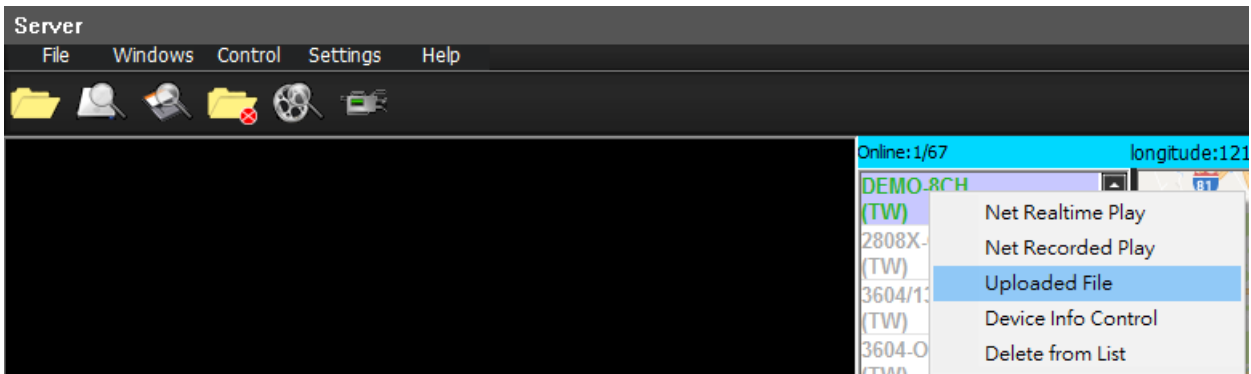
Step6. Click Download button.



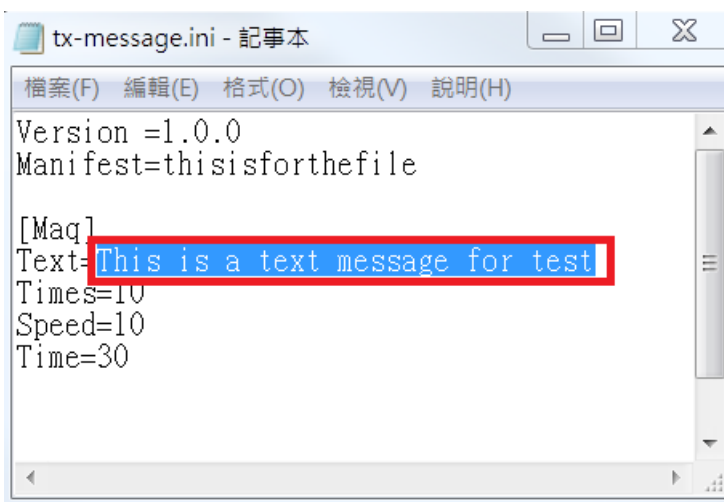
- Enter Setting/Other/ Download Directory then check path of download file.



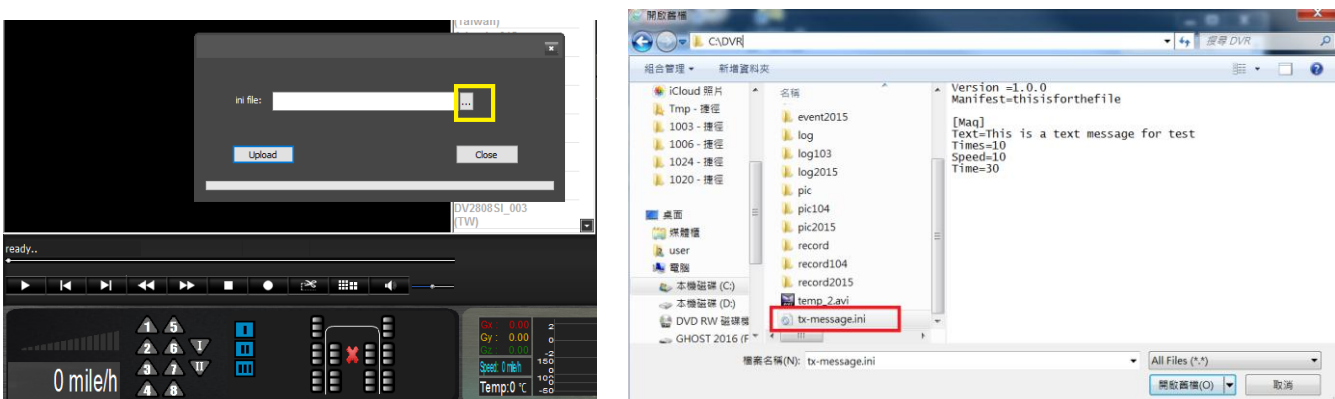
1.3 Uploaded File



Step1. Edit ick ini file (tx-message.ini) then entry your message on Text row (Text =xxxx).



Step2. Click ini file then assign file (tx-message.ini).

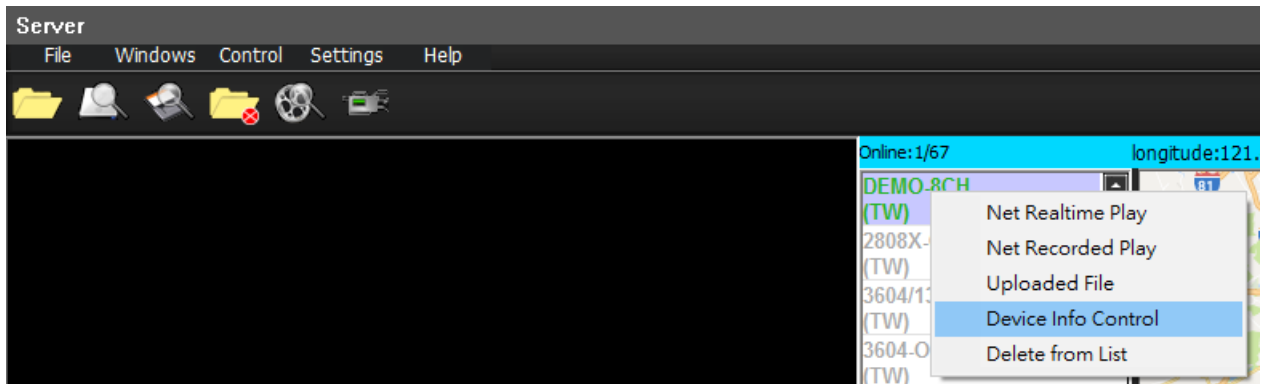


Step3. Press Upload button to send message.

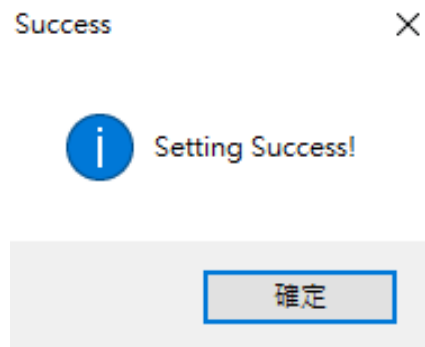
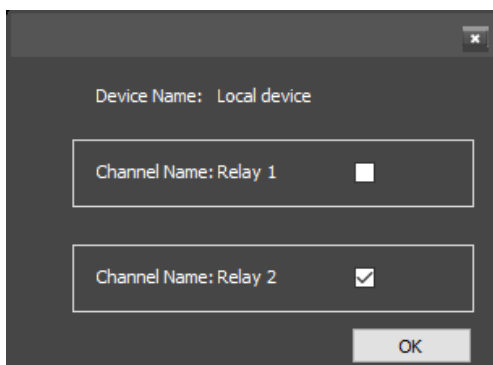


1.4 Device Info Control

MDVR support 2 devices relay out, execute Device Info Control item that would work.

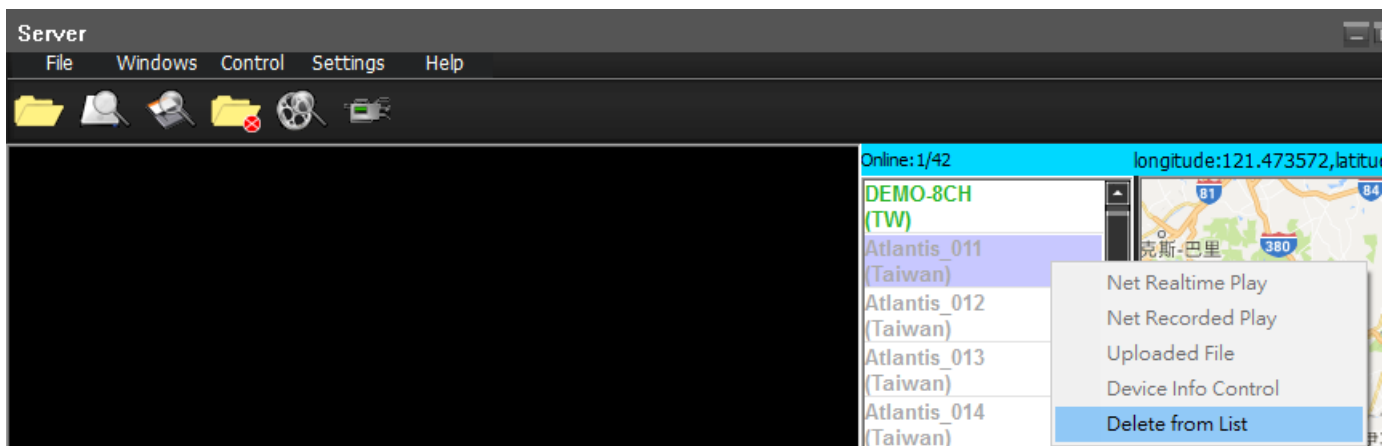


- Select Relay 1/2 then click OK.

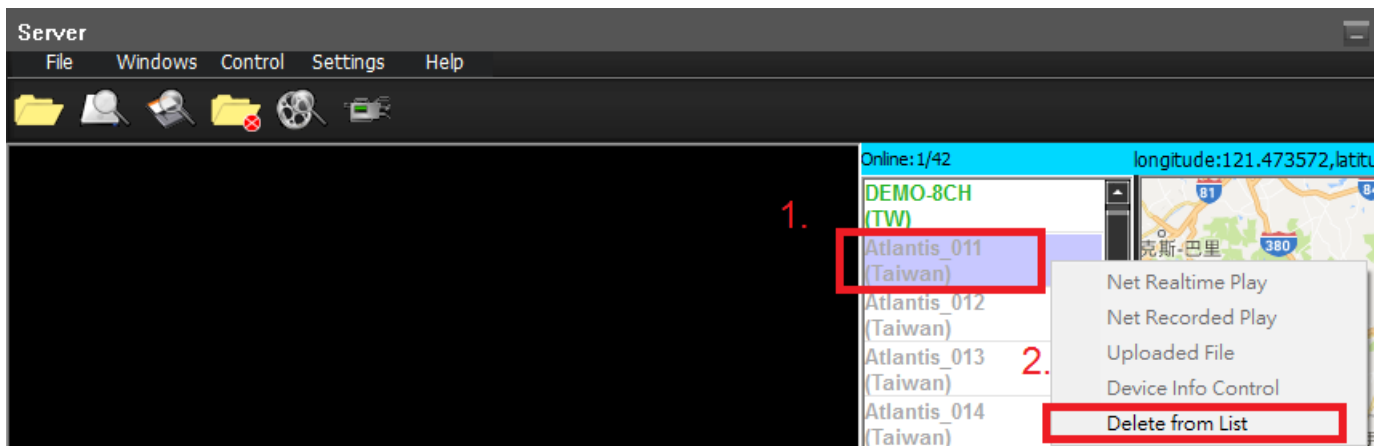


1.5 Delete from List

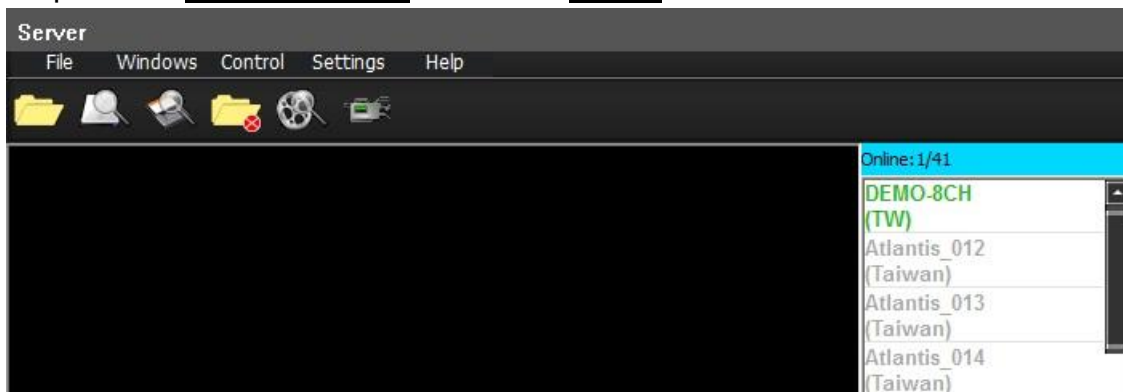
System would save the historical Car ID on Online list, user can delete the log via this command.



Step1. Select Car ID then click right.



Step2. Click Delete from List to remove Car ID on Online list

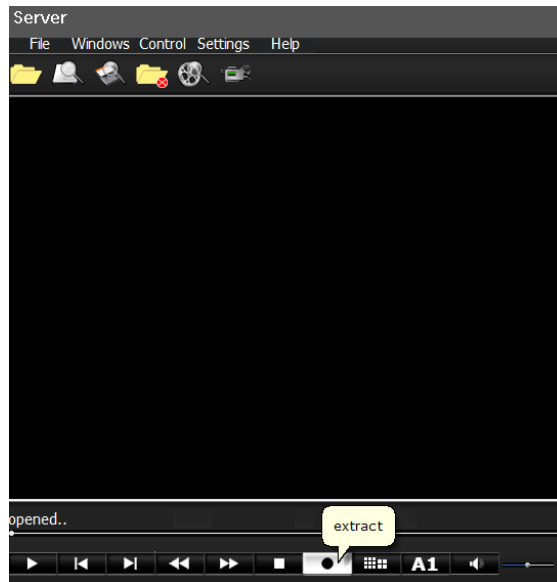


2. Features

2.1 Video converter to AVI

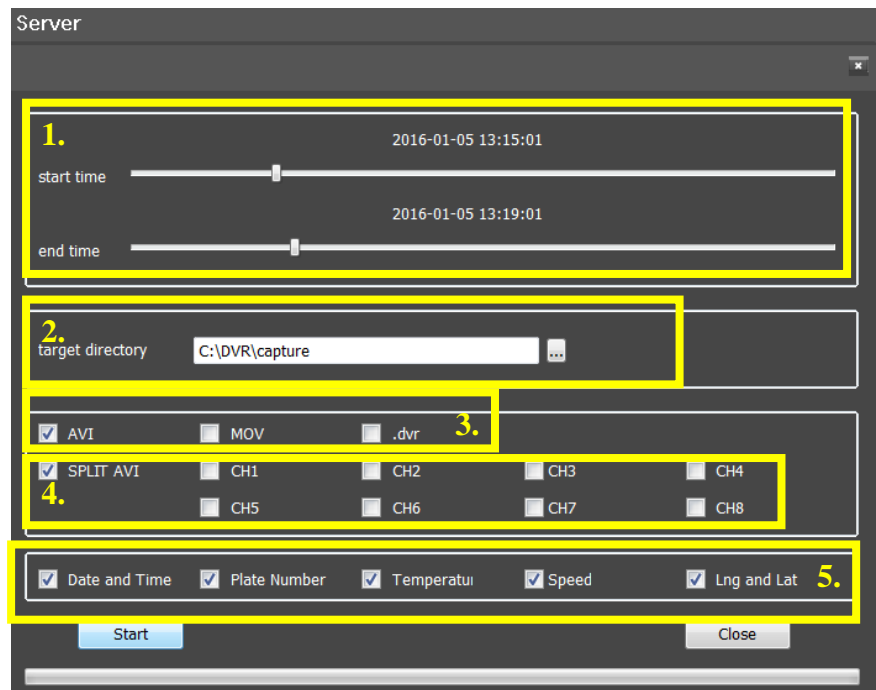
On playback mode, system provides video backup and converter to avi format on PC.

Step1. Select **extract**.



Step2. Set parameter.

(1) Start time / end time



(2) Select path with target directory.

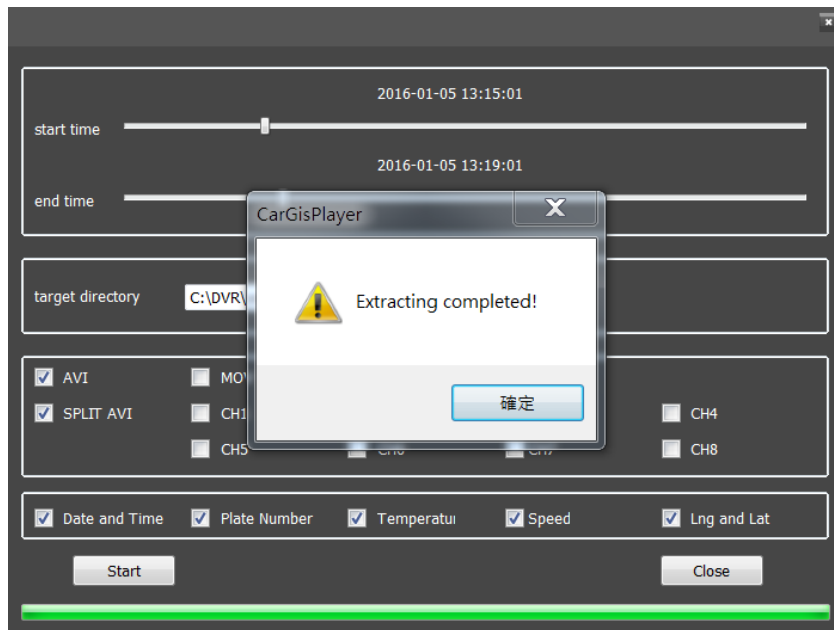
(3) Select output format to AVI / MOV / .dvr

(4) Select extracted camera (Channel).

- For AVI format you can chose SPLIT mode (all in one screen).

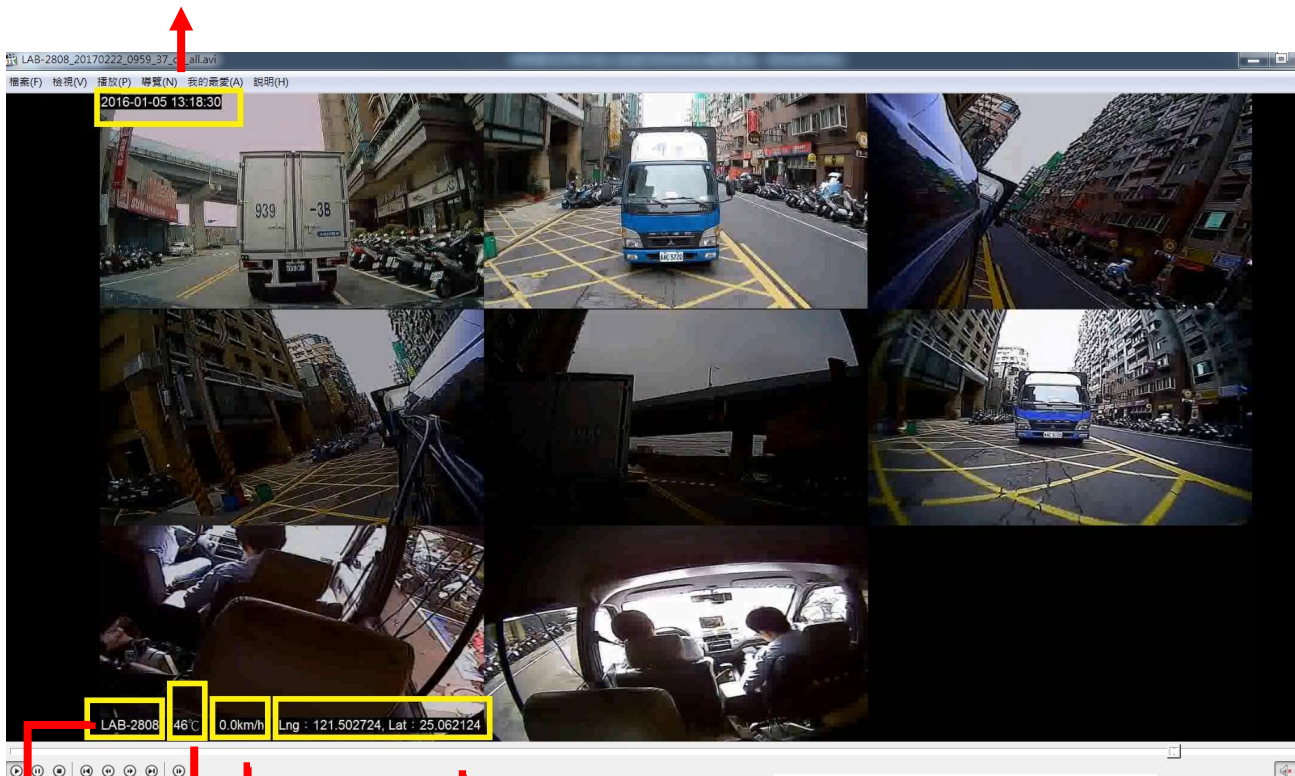
(5) Select drive parameter.

Step3. Click **Start** to extract.



● Play the output files –

Attached info – Date and Time



Attached info –Coordinate

Attached info – Car Speed

Temperature

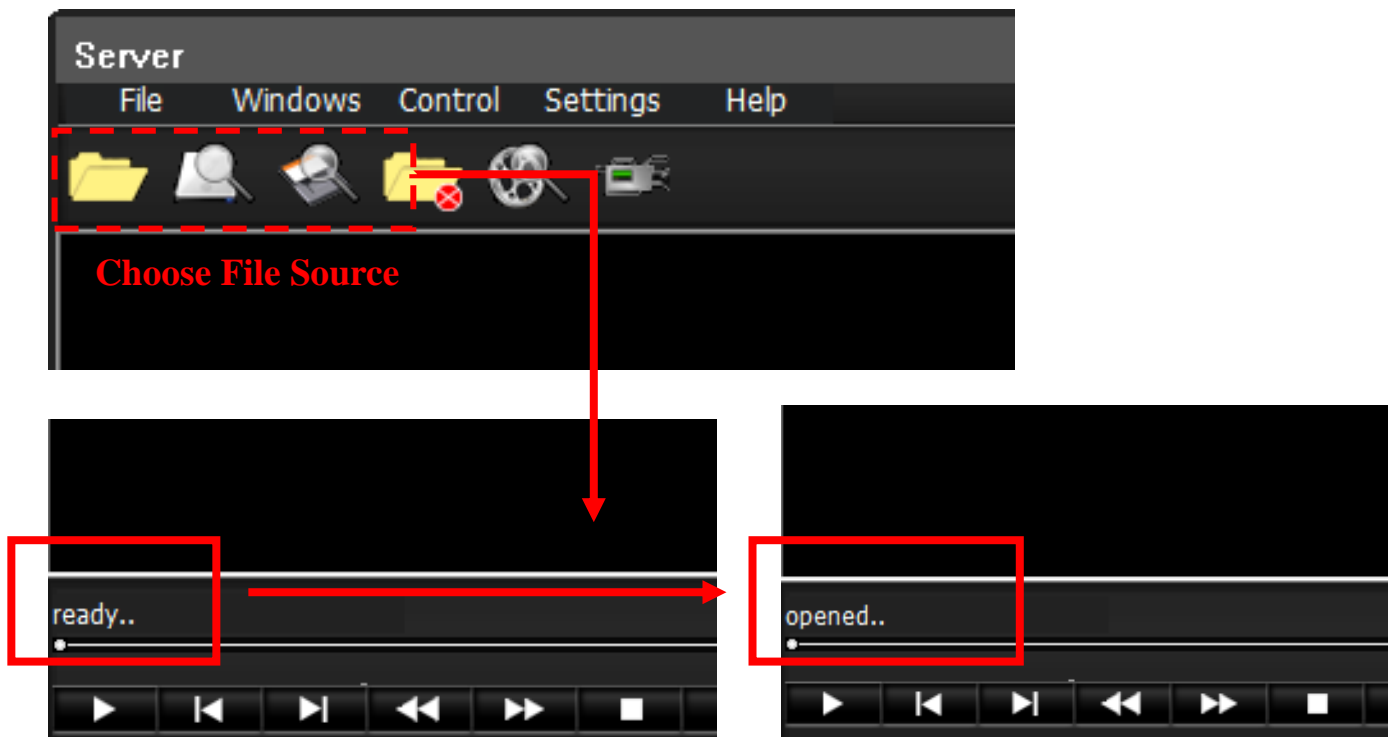
Attached info – Plate Number

2.2 Draw the path

This function provides users to see the route for vehicle, use the time interval for viewing, reference HDD, SD, File three sources of information, to view the historical path.

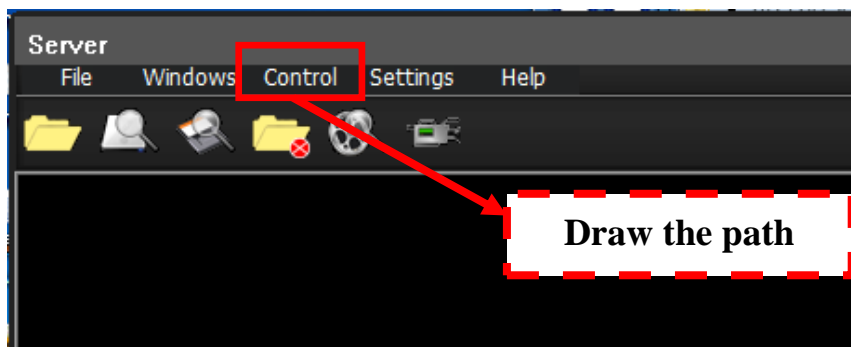
Step1.

Select the file source (file, HDD, SD), if system read file success, then status will from [ready...] after to [opened...].



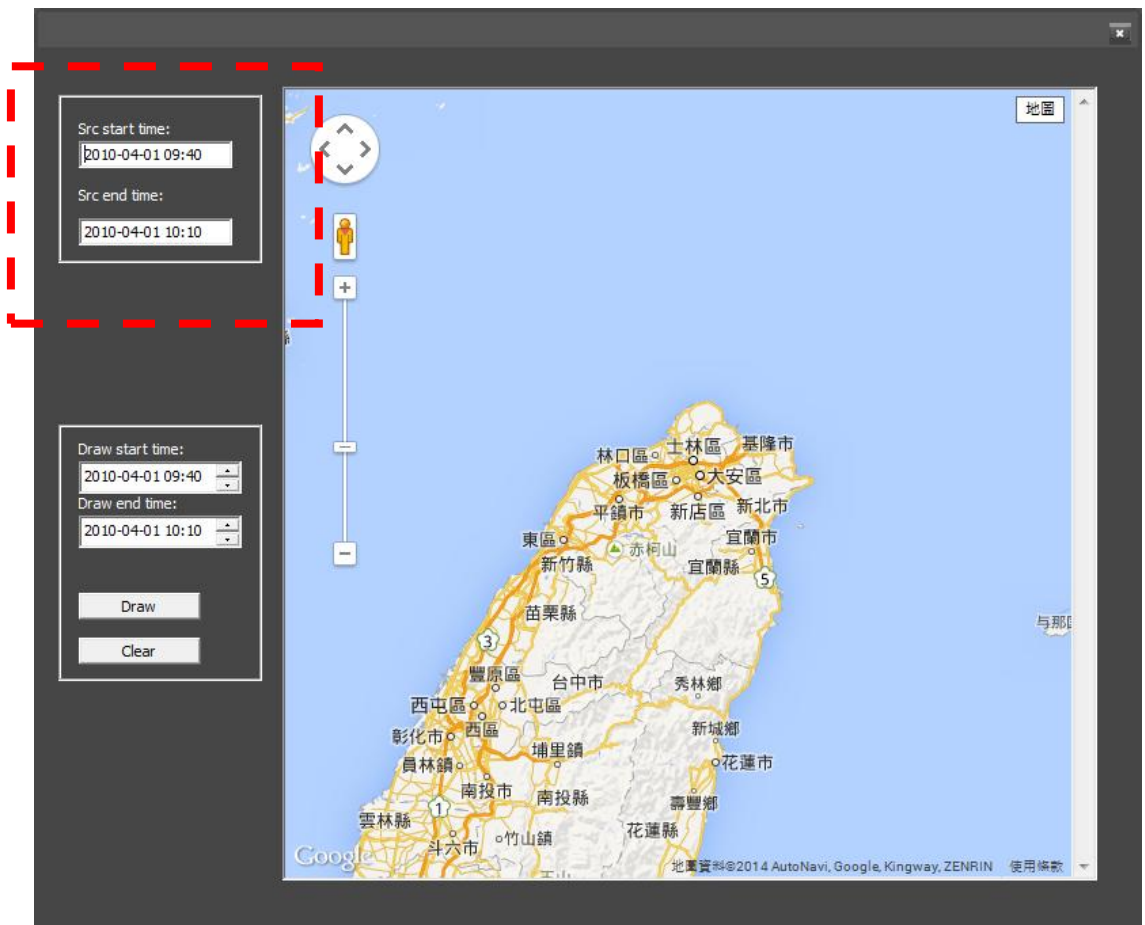
Step2.

Select tab Bar [Control] -> [Draw the path]



Step3.

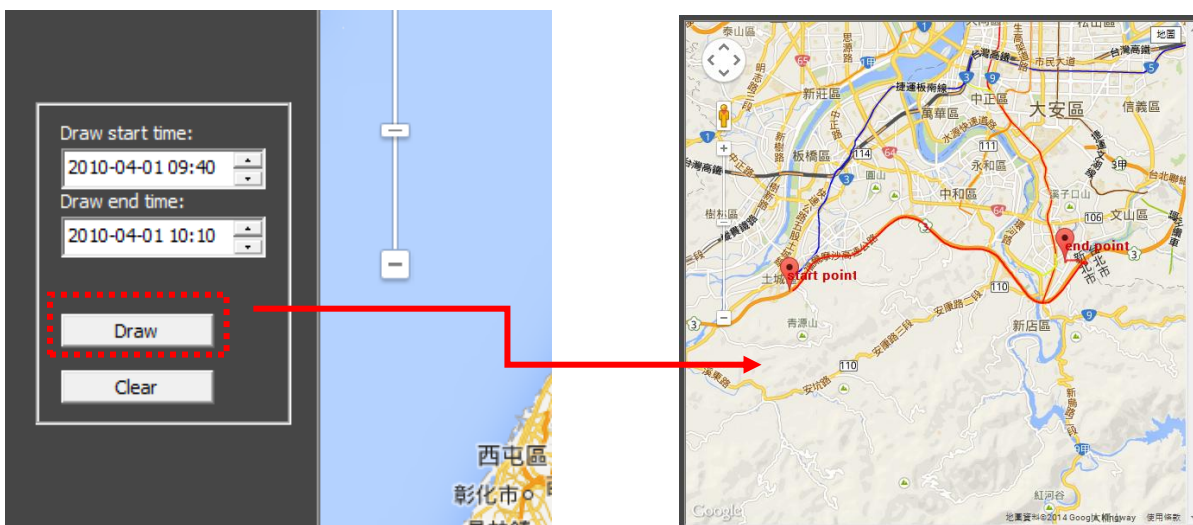
Then it will pop out a window like below



[Src start time] is mean video start time; [Src end time] is mean video end time.

Step4.

User can refer src start time and end time to define the section how long you want to show on map. Then click button [Draw].



* User can see the start point and end point

※ **Note:**

The Draw by HDD or SD card:

if the selected time less than 1 hour, the GPS coordinate interval 5 seconds.

If draw times more than 1 hour, the GPS coordinate interval 10 seconds.

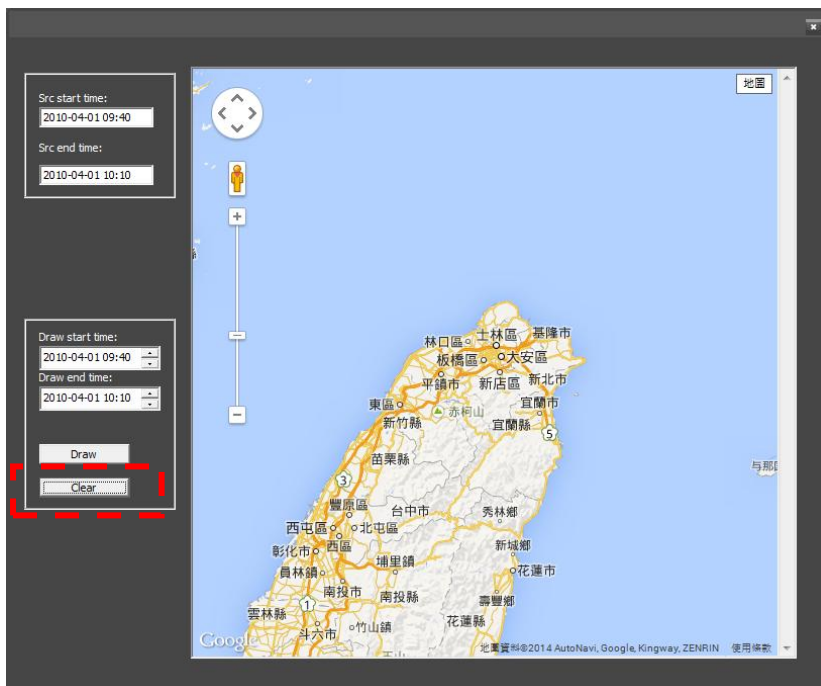
The Draw by File source:

the GPS coordinate always interval 5 seconds.

Step5.

If user wants to clean the route, just click button [clear]

The map will reset to original status.



2.3 Event Log

On Server mode System can review event log for each vehicle.

There are many kinds of triggering events as below –

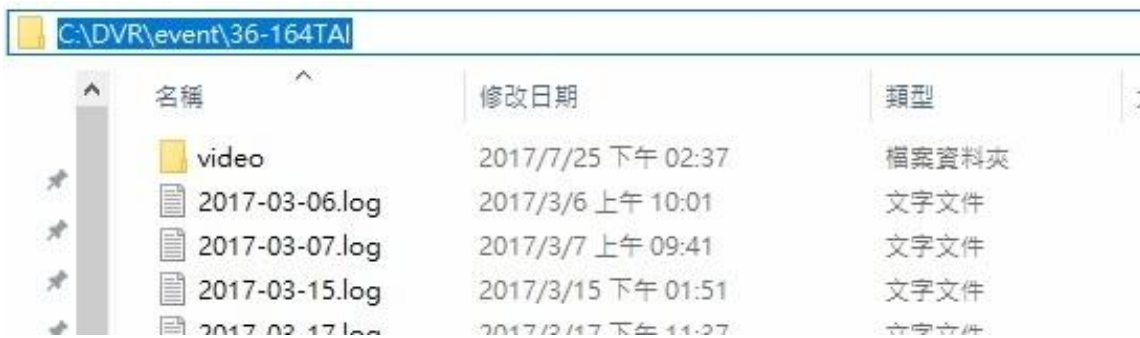
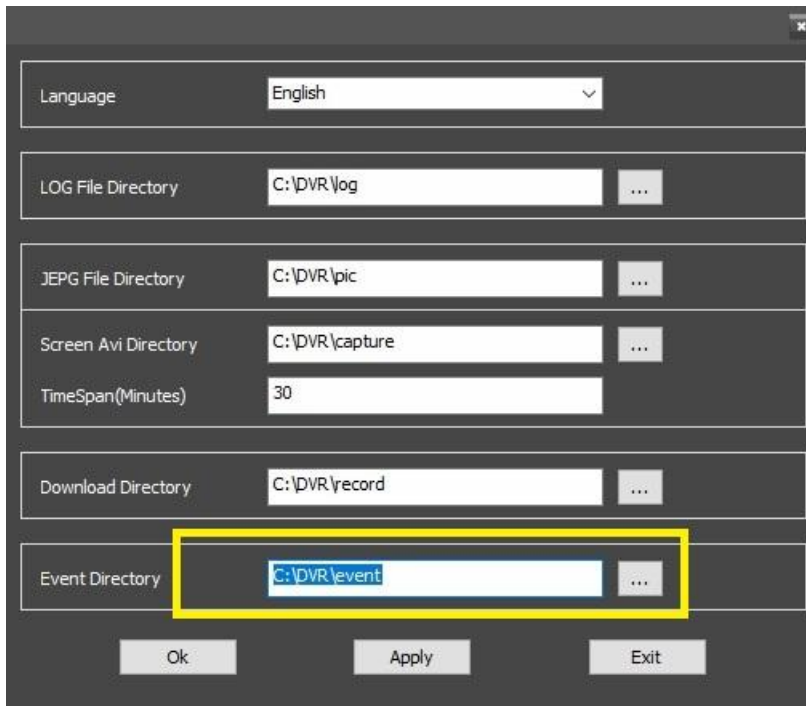
Event Type Illustration		
Item	TYPE	Example
1	Alarm	<u>11:35:20 [00-1B-CC-00-66-4F], ALARM1 /ALARM2/ALARM3/.../ ALARM8</u>
2	Video	<u>12:15:07 [00-1B-CC-00-66-3E], VLOSS1 /VLOSS2/VLOSS3/.../ VLOSS8.</u>
3	Relay	<u>15:43:11 [00-1B-CC-00-66-4F], RELAY1 / RELAY2.</u>
4	TPMS	<u>20:54:06 [00-1B-CC-00-66-3E], TPMS1 /TPMS2/.../ TPMS12</u>
5	G sensor	<u>16:10:47 [00-1B-CC-00-66-58], G-sensor X / G-sensor Y / G-sensor Z.</u>
6	Car speed	<u>12:56:06 [00-1B-CC-00-66-59], Car speed.</u>
7	Time Adjust	<u>08:43:17 [00-1B-CC-00-66-5C], Time adjust forward / Time adjust backward</u>
8	Temperature	<u>12:39:29 [00-1B-CC-00-66-5C], Over heat</u>
9	Storage	<u>12:15:23 [00-1B-CC-00-66-47], HDD ERROR / SD ERROR</u>
10	Geofence	<u>11:35:29 [00-1B-CC-00-66-4F], GEO Outside</u>

- Select CAR ID / Date.

The screenshot shows a software interface titled "Server" with a menu bar (File, Windows, Control, Settings, Help) and a toolbar with icons for folders, search, and other functions. Below the toolbar is a list of car IDs on the left and a corresponding event log on the right. The date "2017-07-25" is selected in the top right of the log area.

Car ID	Date	Event Log
2808-NOV18	2017-07-25	11:35:20 [00-1B-CC-00-66-4F], ALARM1.
36-164TAI		11:35:29 [00-1B-CC-00-66-4F], ALARM2.
36-VER1.3.4		11:35:36 [00-1B-CC-00-66-4F], ALARM3.
3604-OCT04		12:40:56 [00-1B-CC-00-66-4F], ALARM1.
6317-GV		12:41:02 [00-1B-CC-00-66-4F], ALARM3.
ABC-2808		12:41:04 [00-1B-CC-00-66-4F], ALARM2.
ABC-2808T		12:41:06 [00-1B-CC-00-66-4F], ALARM1.
ABC-2818H		11:44:13 [00-1B-CC-00-66-4F], ALARM2.
ABC-3604		11:45:54 [00-1B-CC-00-66-4F], ALARM2.
APPLE-09		11:46:03 [00-1B-CC-00-66-4F], ALARM3.
APPLE-030		11:46:08 [00-1B-CC-00-66-4F], ALARM1.
CEMAR-01 DM		14:32:02 [00-1B-CC-00-66-4F], ALARM2.
CNC220		14:32:04 [00-1B-CC-00-66-4F], ALARM1.
DEMO		14:31:57 [00-1B-CC-00-66-4F], ALARM3.
DEMO-8CH		
ES-0000		

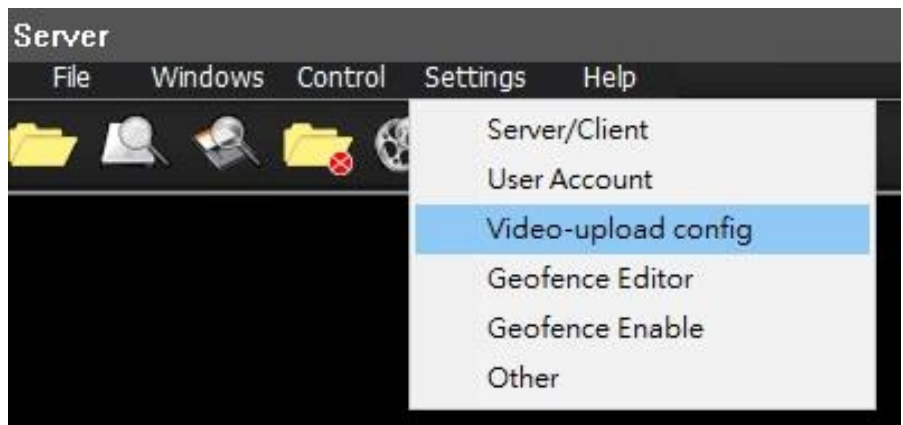
- The event history will save on Event Directory



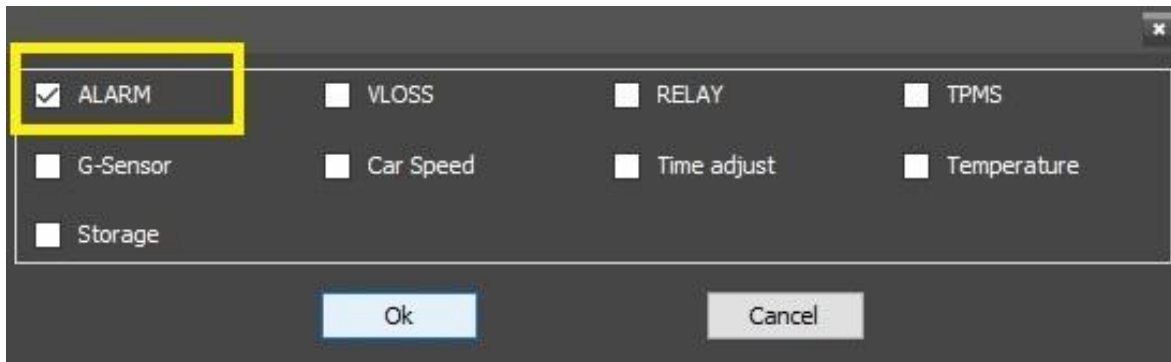
2.4 Video-upload config

The event video clips can be backed up to local directory (VMS server) automatically.

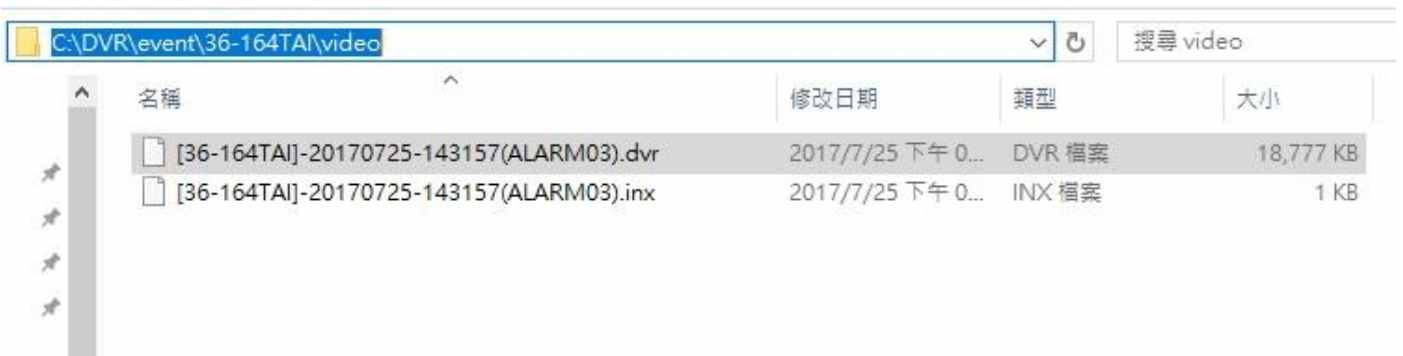
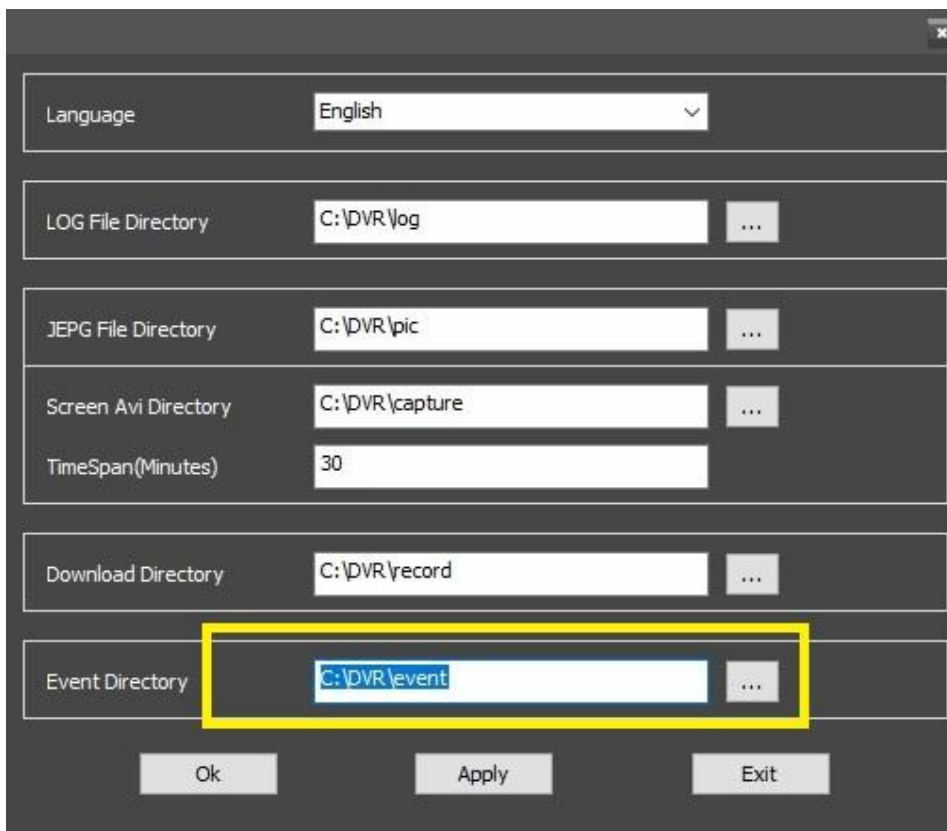
Step1. Select Settings / Video-upload config.



Step2. Select and enable the event item.



- If the alarm been triggered, the system will backup a video (20 second) on Event Directory.



2.5 Geofence

Before using the geofence feature, please enable ActiveX componet.

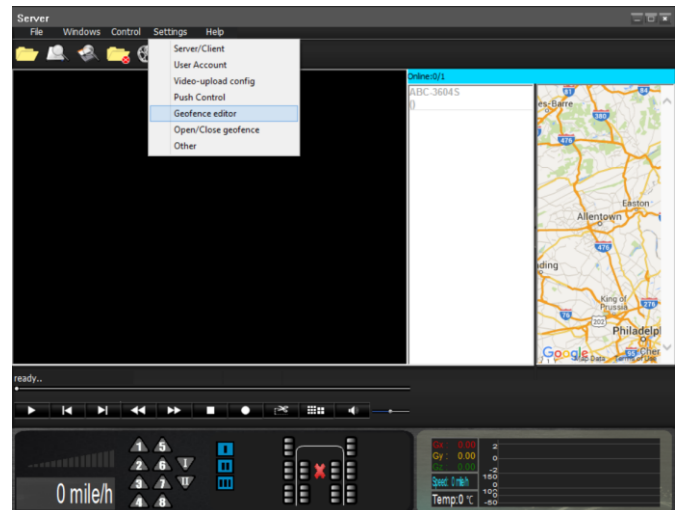
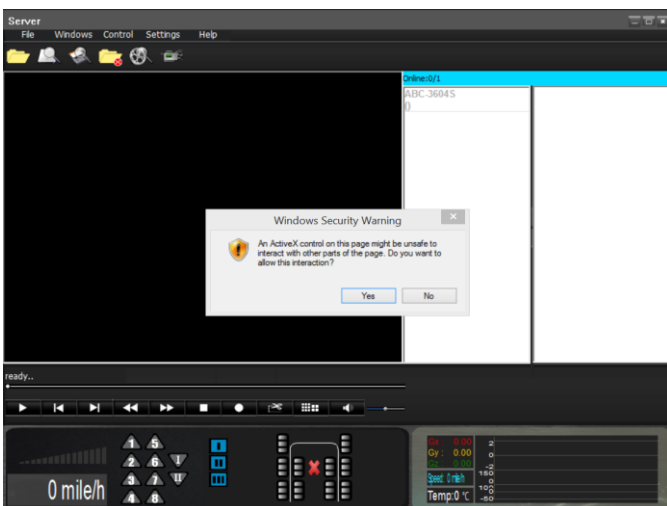
2.5.1 Edit Geofence

1. Select Settings /Geofence Editor on Server mode.

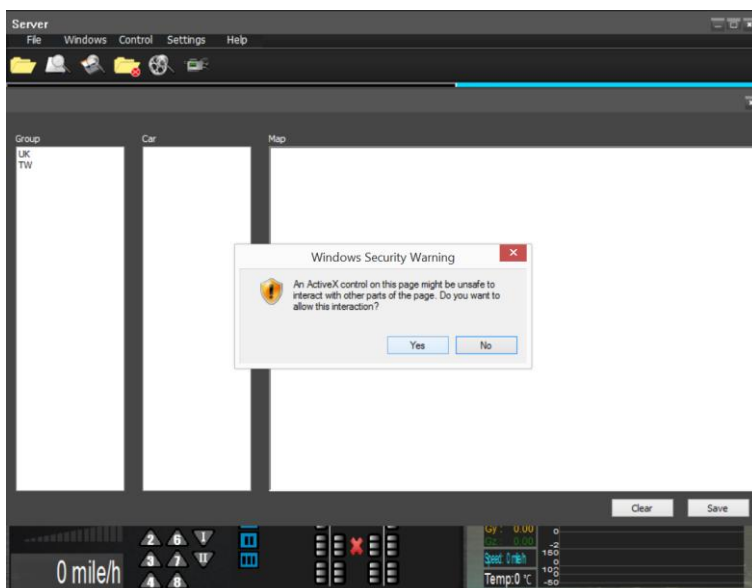
2. Setup Geofence:

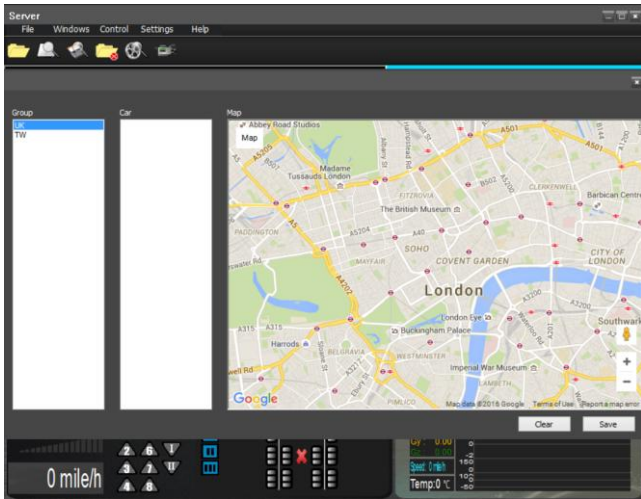
* Select Yes to allow Activex control component.

* Select Geofence editor.

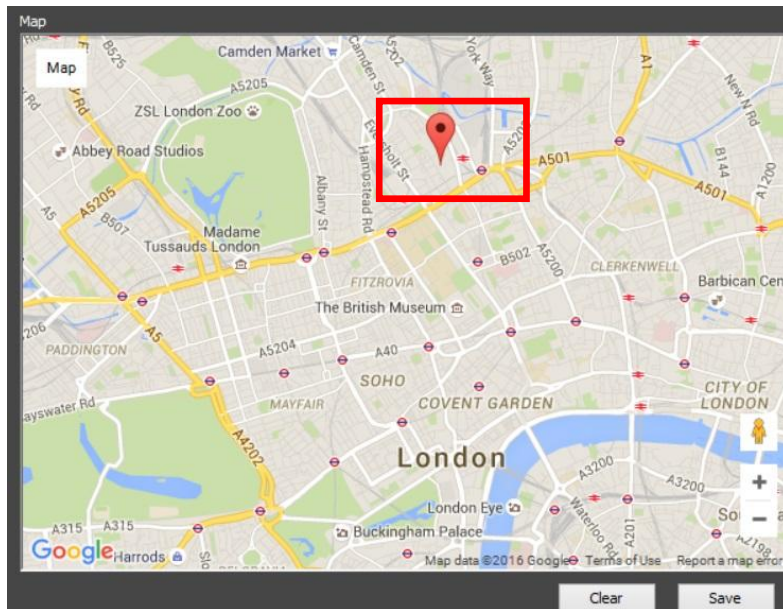


* Select Yes

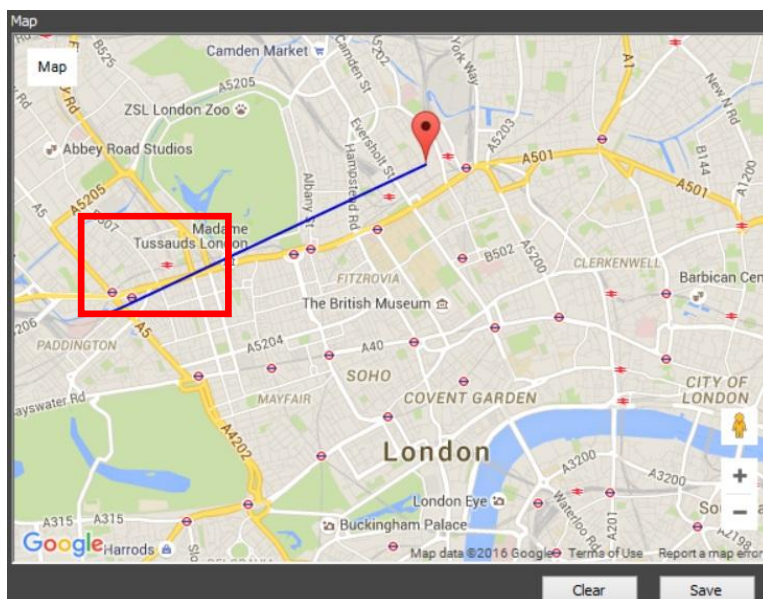




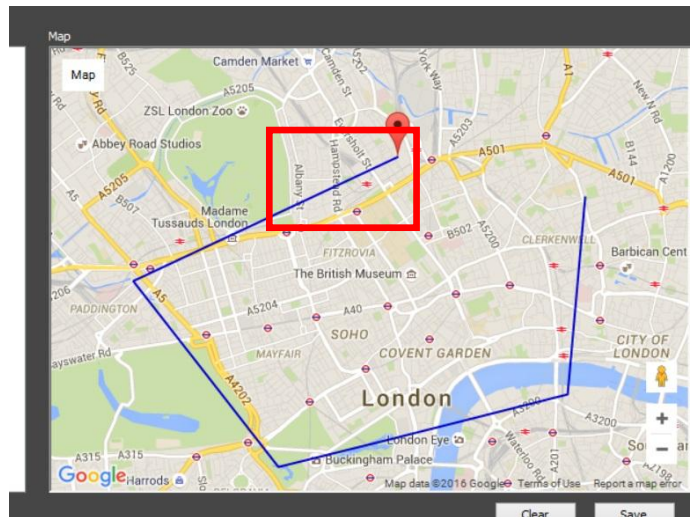
* Move your mouse to selected point then click left mouse.



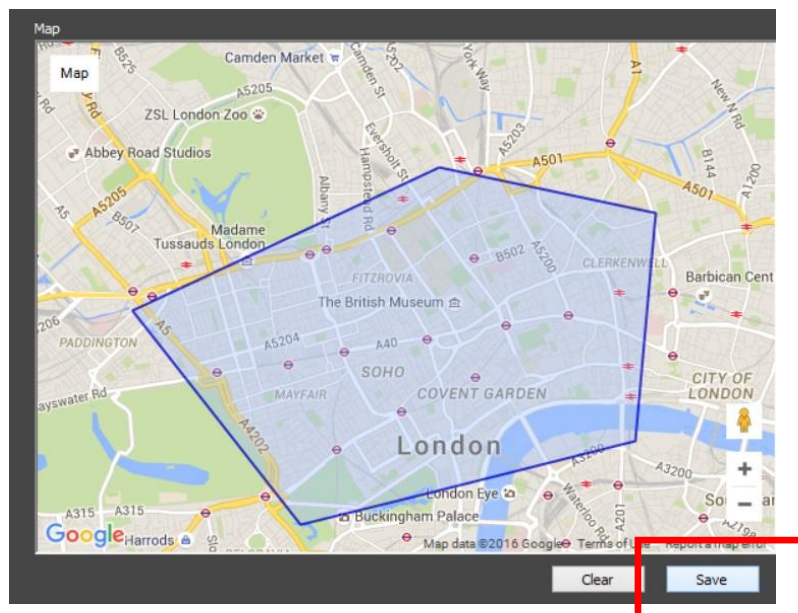
* Move your mouse to second selected point then click left mouse.



* **Double click** red point to close the fence.

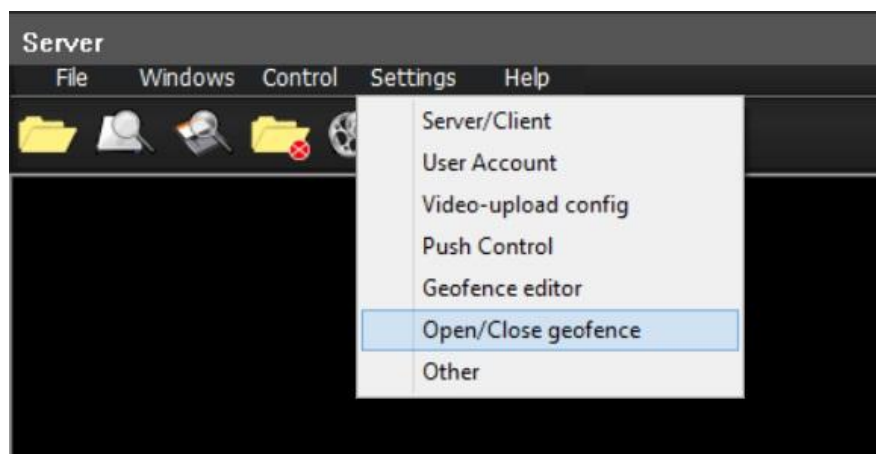


* Select Save



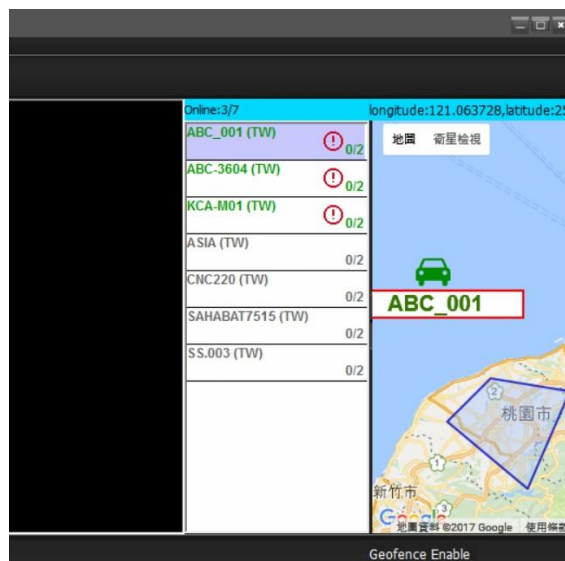
3. Enable Geofence function:

* Click Settings/ Open/Close geofence item to turn on function.

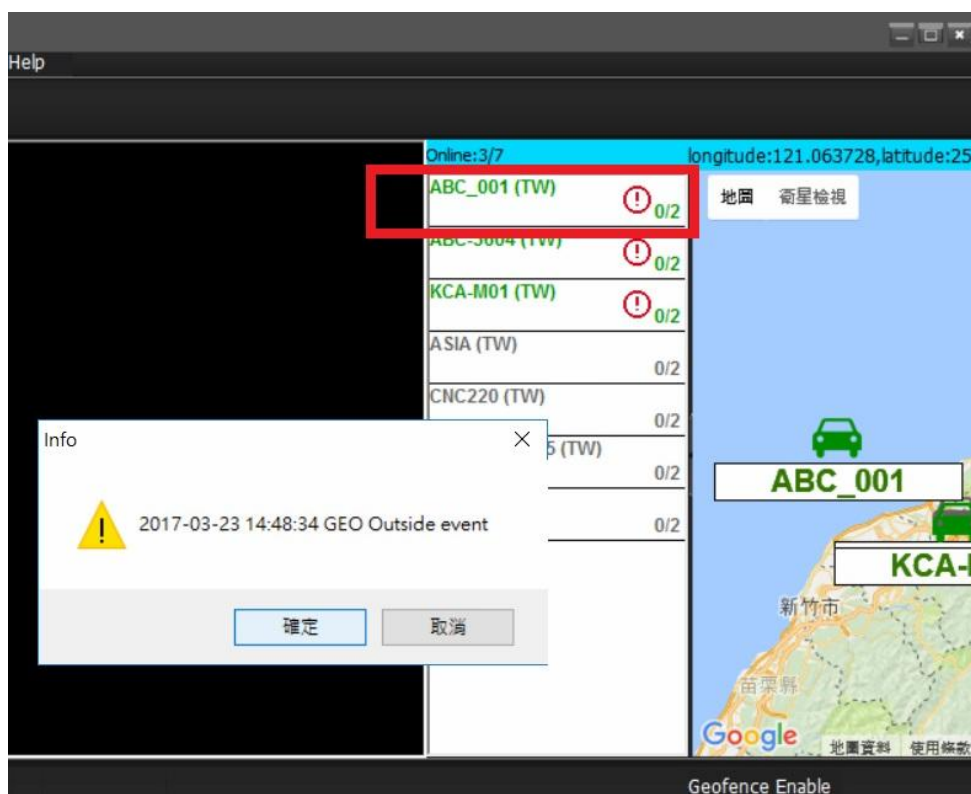


2.5.2 Geofence Alarm

When the Vehicle cross the geofence, system will triggered alarm and remark a “!” icon on Car ID.



- Click this “!” icon, system will popup info message.

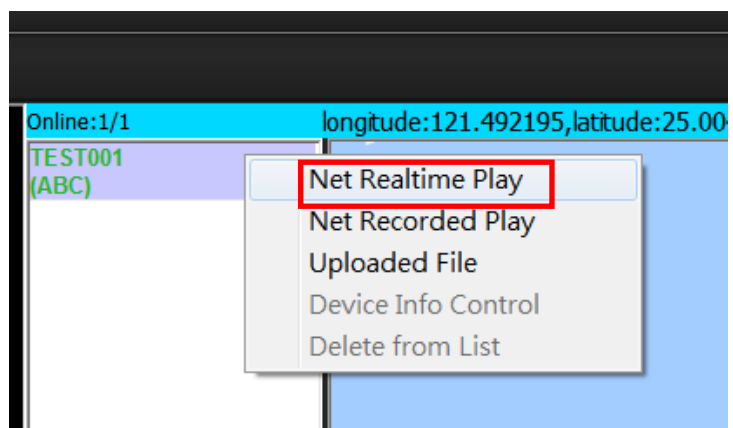


- Also after VMS Cargisplayer server alarm be triggered that would send the notice to GuardVMS app (Mobilephone) as below:

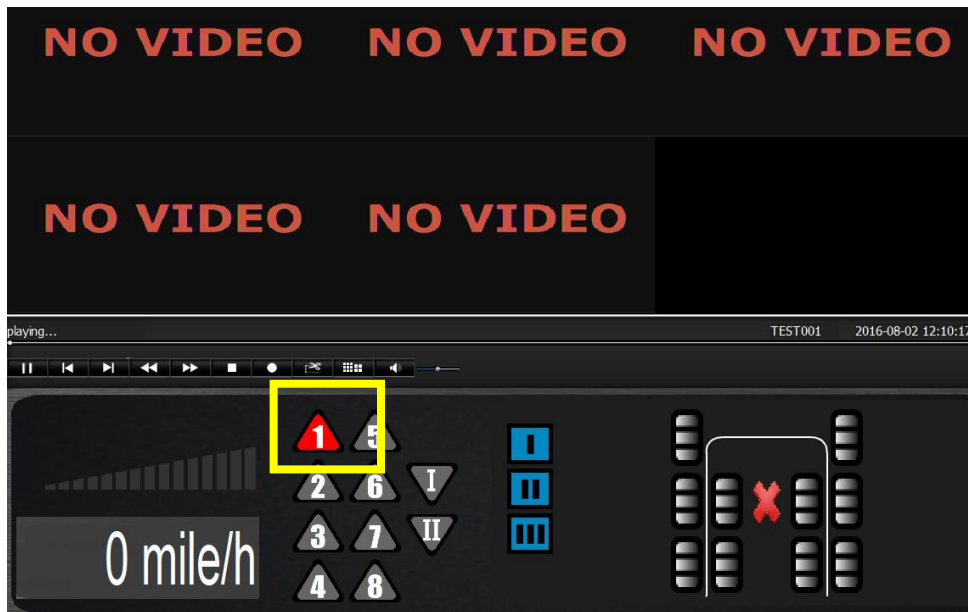


2.6 Push Alarm Settings

2.6.1 Alarm trigger



- Alarm had been triggered: The alarm Icon has changed to Red.



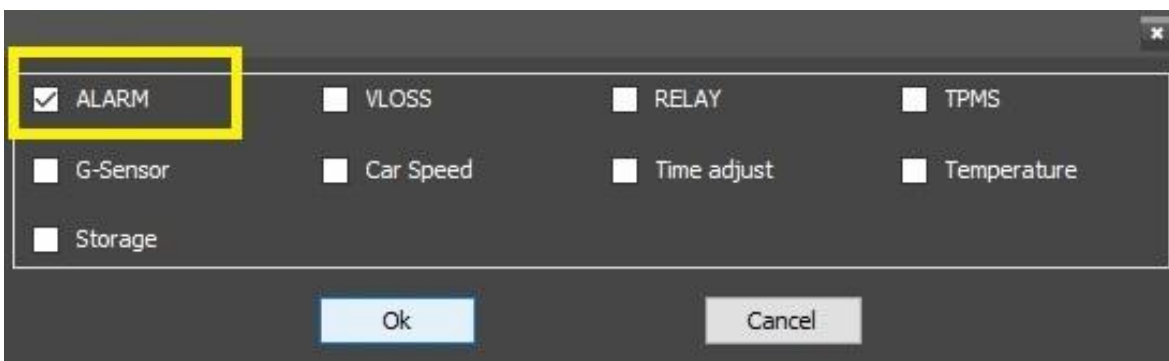
2.6.2 Video Clip Settings

Before system capture event video automatically, user need refer the settings as below:

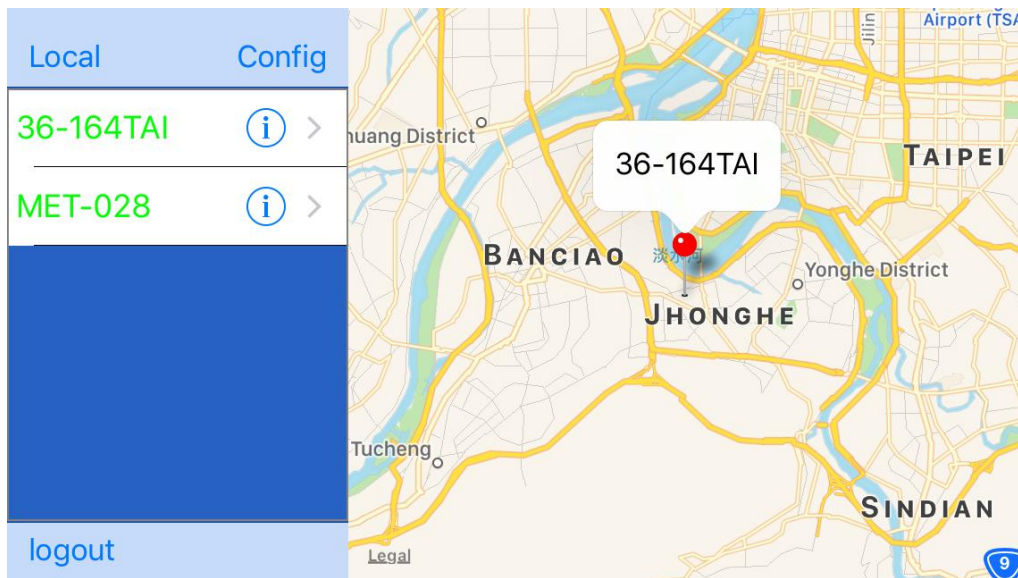
Step1. Select Settings / Video-upload config.



Step2. Select and enable the event item.

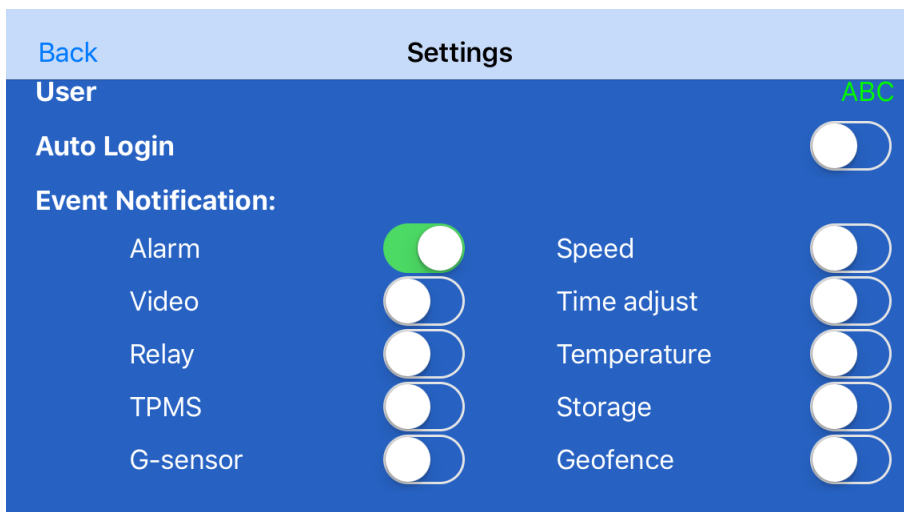
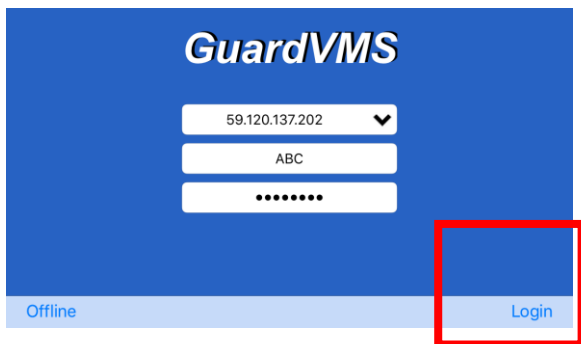


2.6.3 Push alarm on Mobile vendor

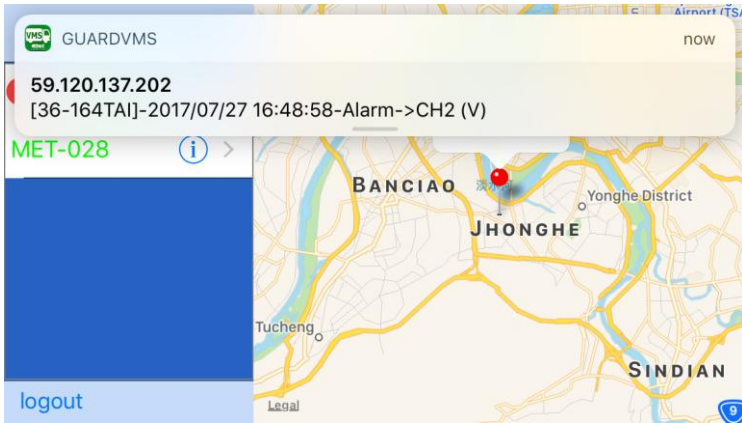


Step 1. Access VMS server.

Step 2. Select Settings/ Alarm..

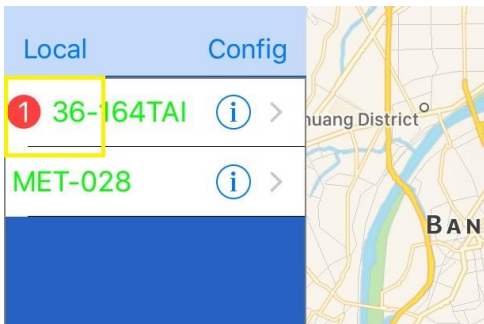


- When Alarm be triggered the VMS will send a notice to APP program.



Step 1. Click Red icon

Step 2. Select event item



Step 3. Chose remote Play event or save video on mobile vendor.

