CMSV9 Visual Command Platform

User Manual

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Statement

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it is purely coincidental.

General

Overview

1. Purpose of the manual

The purpose of writing the user manual is to better serve the users, so that users can quickly grasp the functions of the software. Provide users with a better understanding of the software while helping software maintenance personnel carry out routine maintenance.

2. System Introduction

CMSV9 visual command platform (referred to as: CMSV9 platform), is a set of platform specially developed for law enforcement equipment, applied to real-time audio and video dispatch management of law enforcement personnel such as public security, urban management, high-speed rail and motor train. Data such as audio and video data and location information through the front end of the law enforcement instrument are uploaded to the server through the wireless network of 4G/5G, and then stored and operated by the server，which makes CMSV9 realize real-time video online viewing, voice intercom, cluster intercom, location positioning and electronic fence functions.

The CMSV9 platform supports local or cloud deployment, and supports multiple networks such as external network, VPN network, private network, and intranet. It adopts B/S and C/S architecture and supports accesses of PC client, WEB client, and mobile client (IOS And Android); access mechanism at permission level is adopted to ensure the security and integrity of platform data; with multi-level architecture technology, interface control, business logic and data mapping are separated to achieve flexible and rapid response to

business changes in the system requirements; CMSV9 platform can adapt to large-scale high-definition data storage and analysis through distributed deployment.

System operating environment

1. Server configuration

Operating system: Windows Server 2008 and above (64-bit operating system);

Network card: single network card;

Memory: 4G or above (including 4G);

2. Bandwidth and hard disk

Bandwidth: based on the actual number of video devices being previewed;

Hard disk: The size of the hard disk is determined according to the actual number of video storage devices;

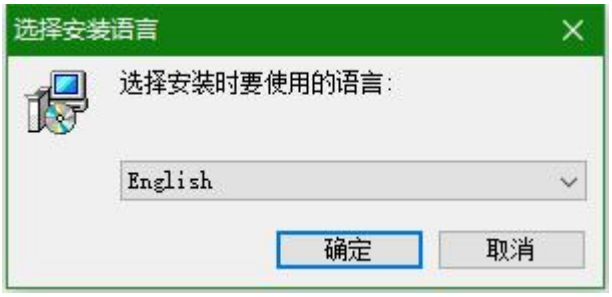
Please refer to the following link for the calculation of bandwidth and hard disk size: http://www.cnblogs.com/dkblog/archive/2011/04/08/2009771.html

Server setup and wizard

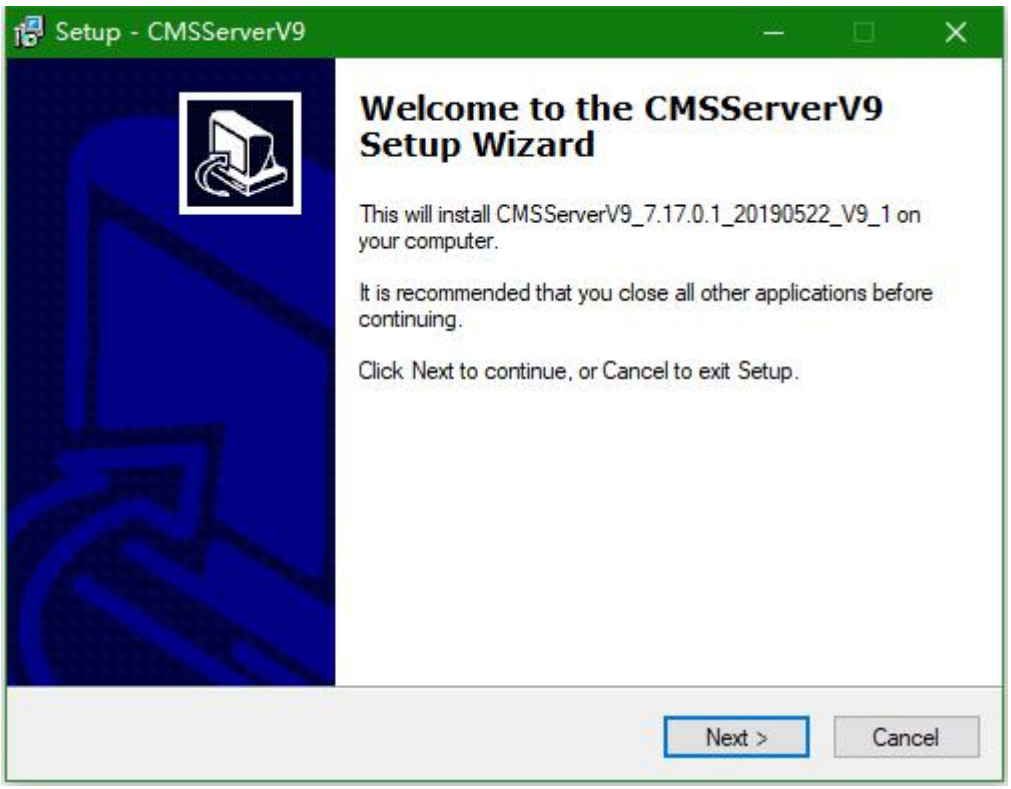
If the old version of software was set up before, you need to confirm whether the old version has customized content. If there is customized content, please consult the software vendor. If there is no customized content, you can directly carry out the setup.

Step 1: put the software on the server, and double-click to start running the installer

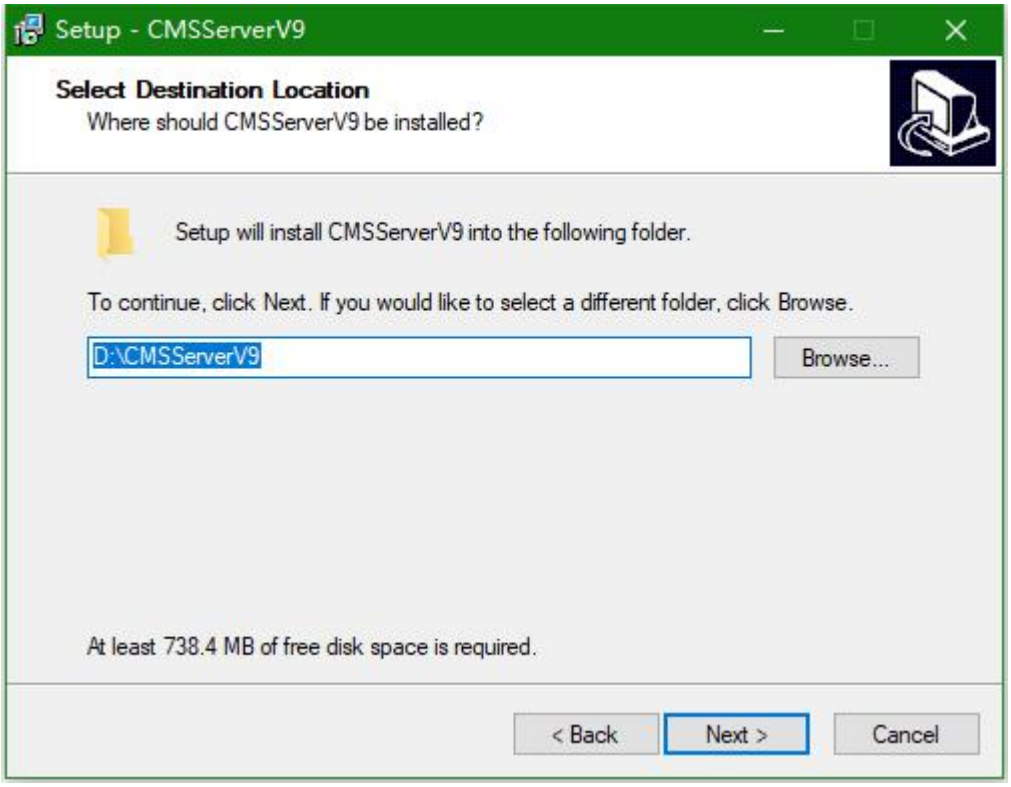
Step 2: Select the setup language (the current version of the server console only supports Chinese and English), click "OK" to continue



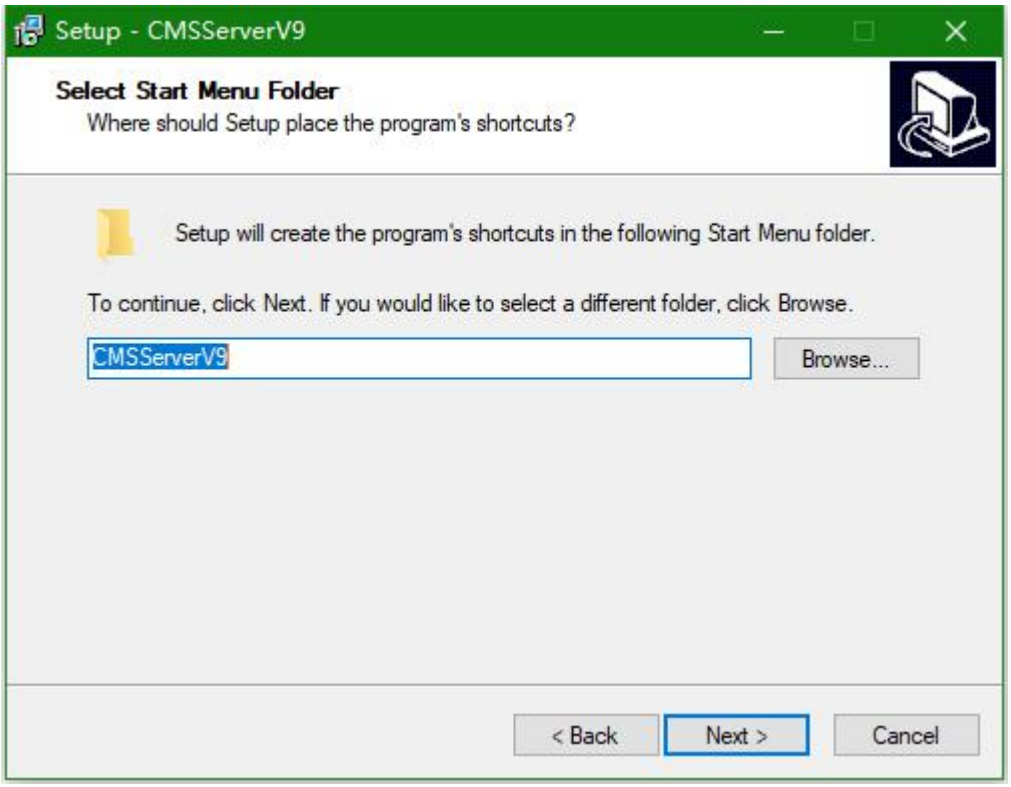
Step 3: Go to the setup wizard page, click "Cancel" to cancel the setup, click "Next" to continue



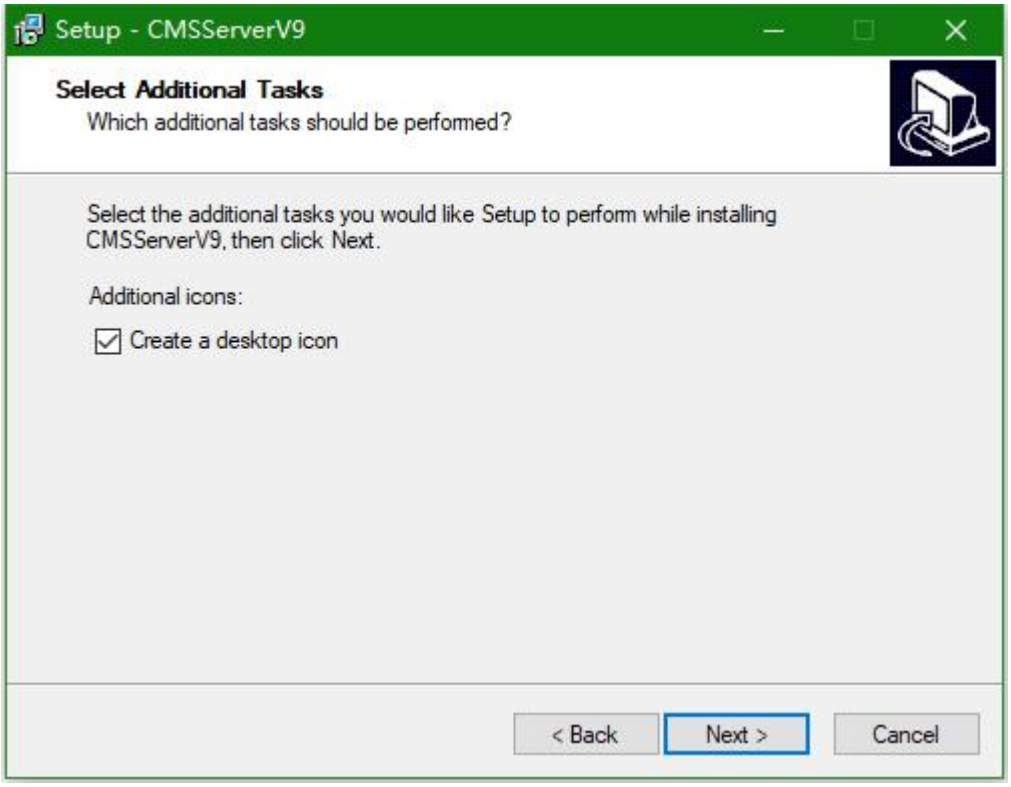
Step 4: Select the detisnation location and click "Next" to continue



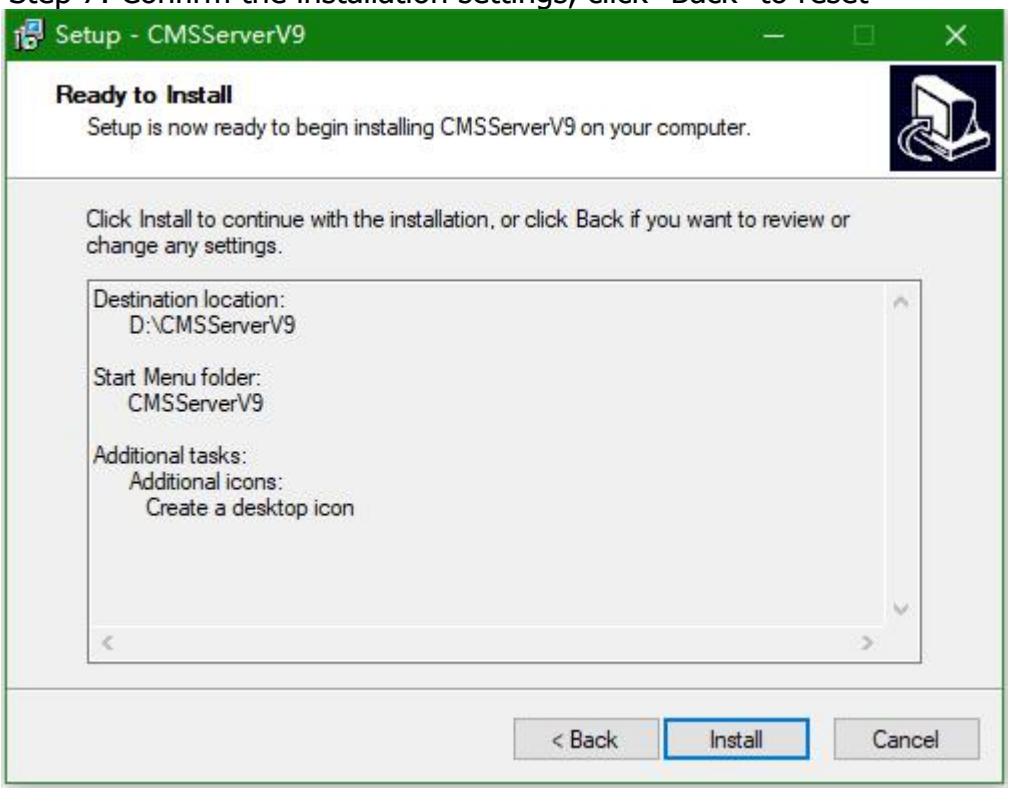
Step 5: Select the start menu folder and click "Next" to continue



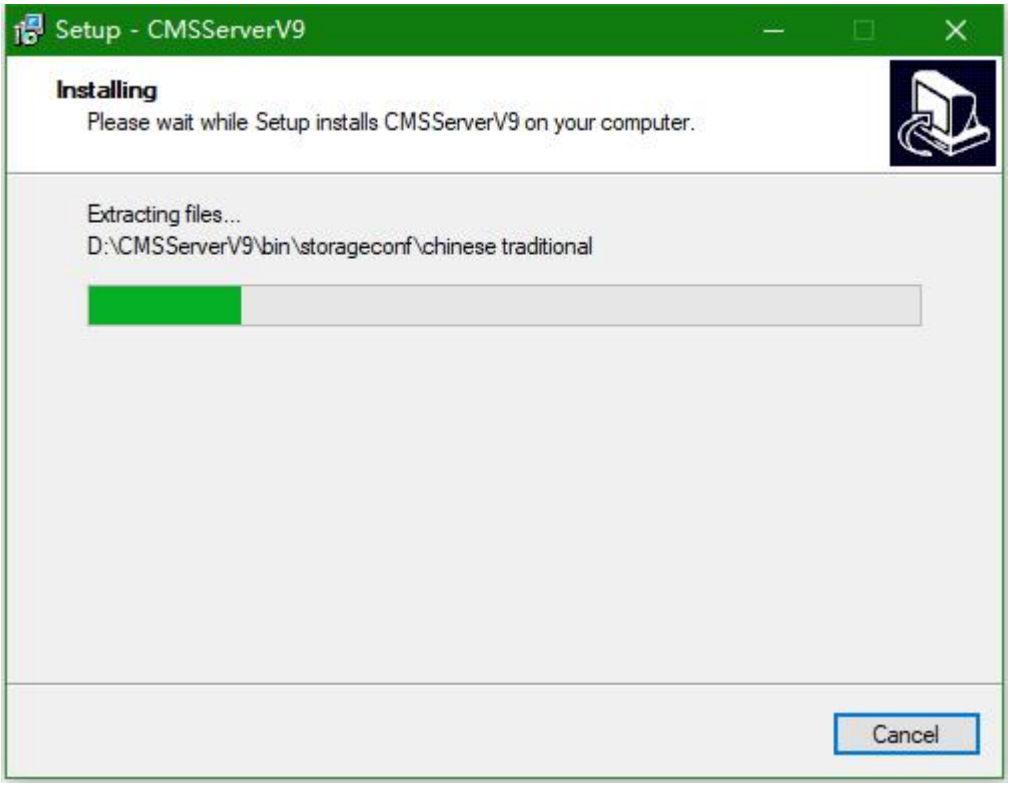
Step 6: Choose whether to create additional tasks and click "Next" to continue



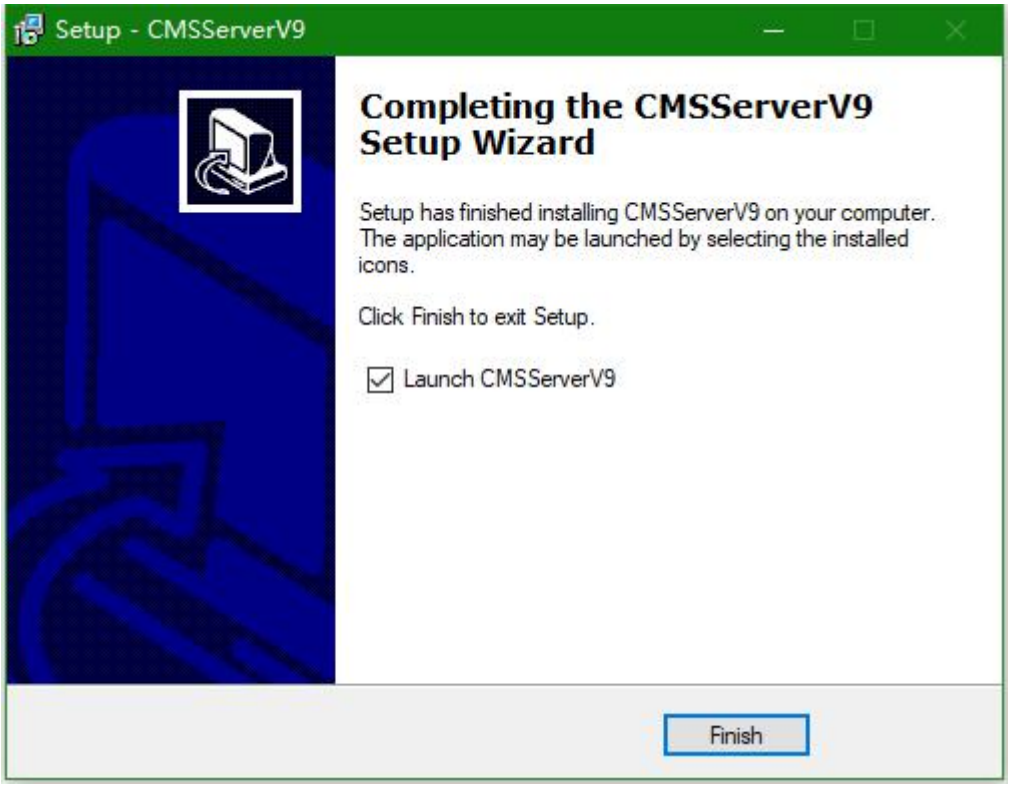
Step 7: Confirm the installation settings, click "Back" to reset



Step 8: Click "Install" to start the installation.

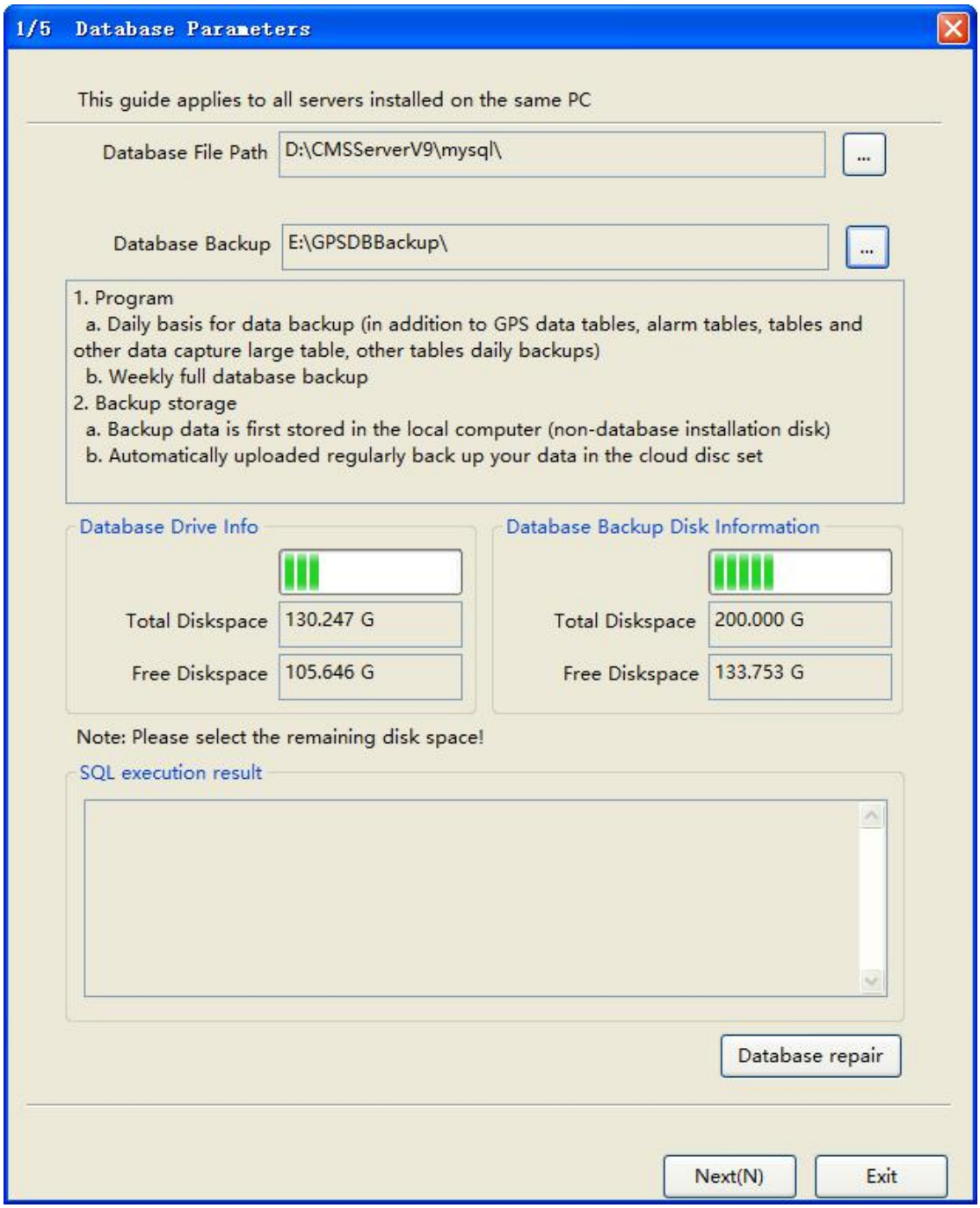


Step 9: Click “Finish” to complete the installation and execute the wizard to configure the relevant data for the server.

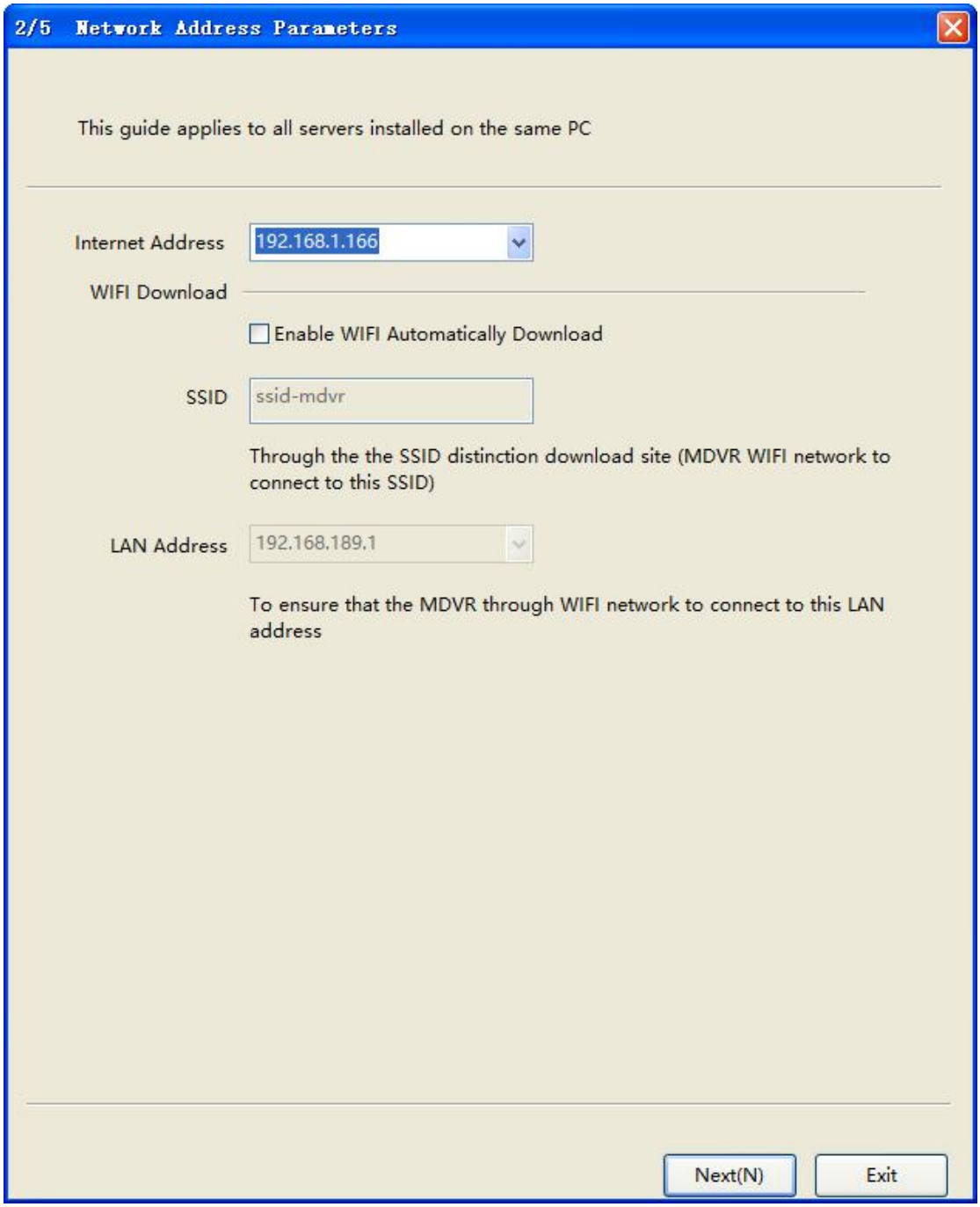


Step 10: Select the "database file" path and the "backup file" path. The data volume of these two folders will continue to increase over time, so it is

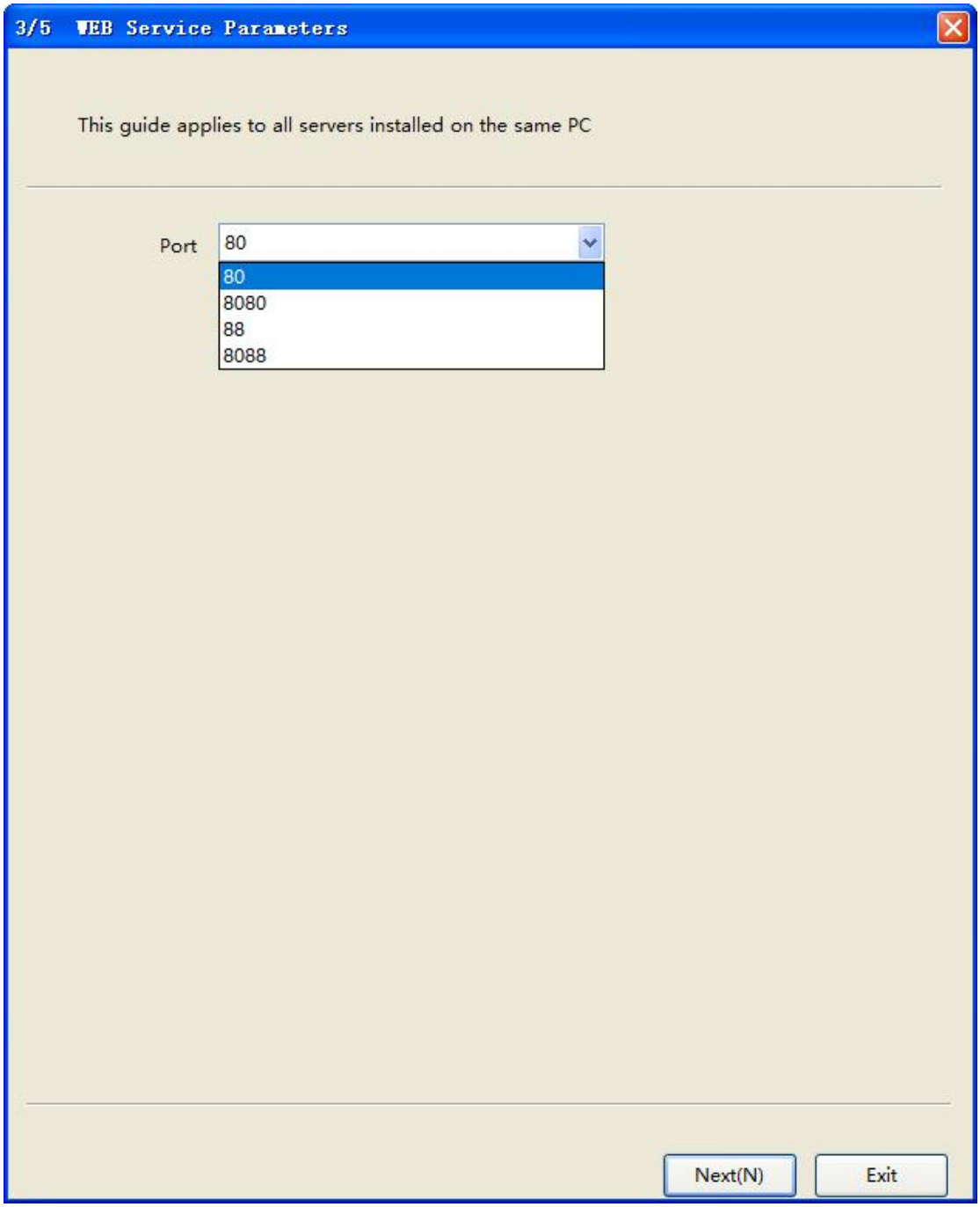
recommended that the disk space of the two folders is as large as possible. Click "Next" to continue



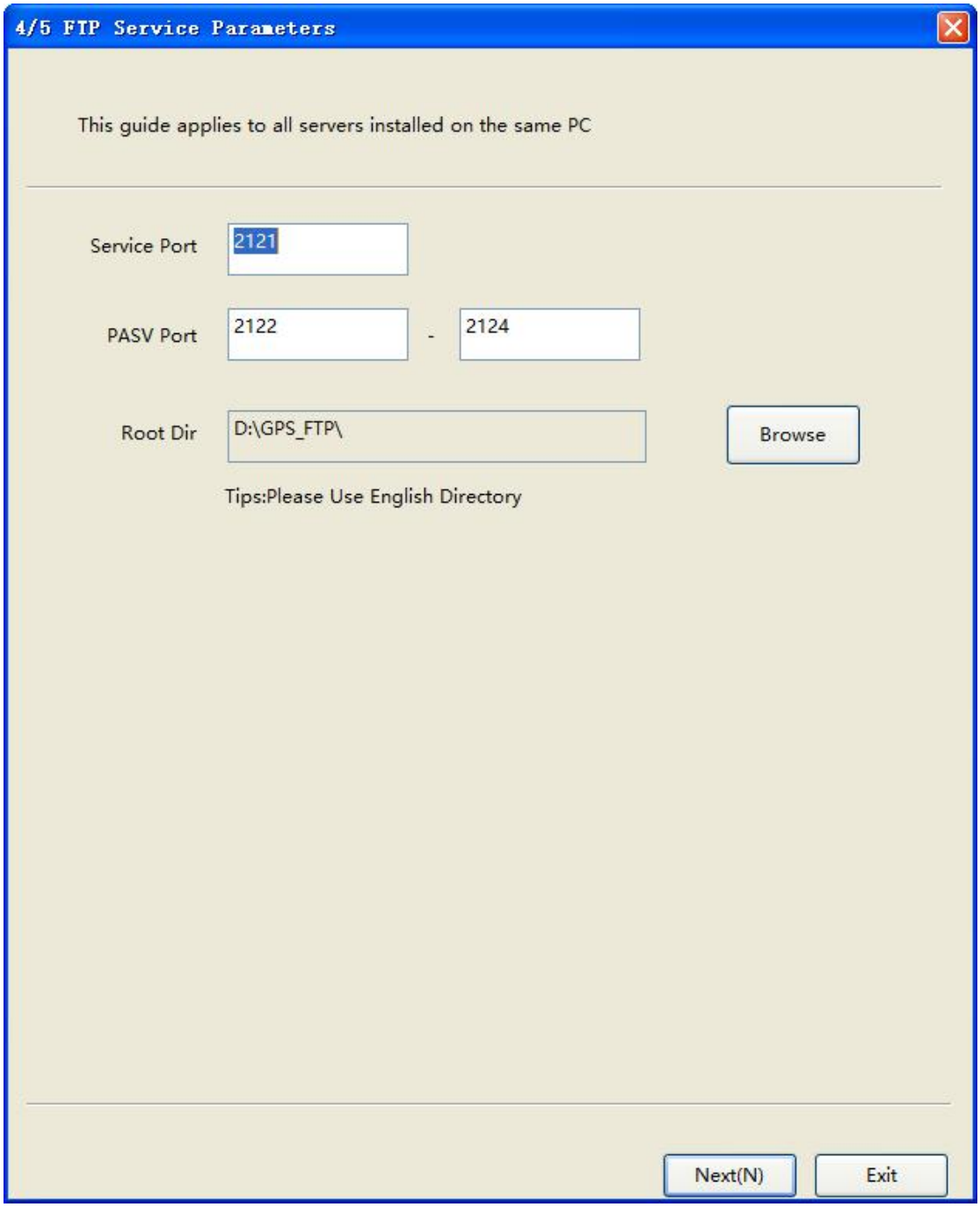
Step 11: Configure the server access address and choose whether to enable the WiFi download function (since the individual device does not support WIFI parameter uploading temporarily, this function does not take effect temporarily), click “Next” to continue.



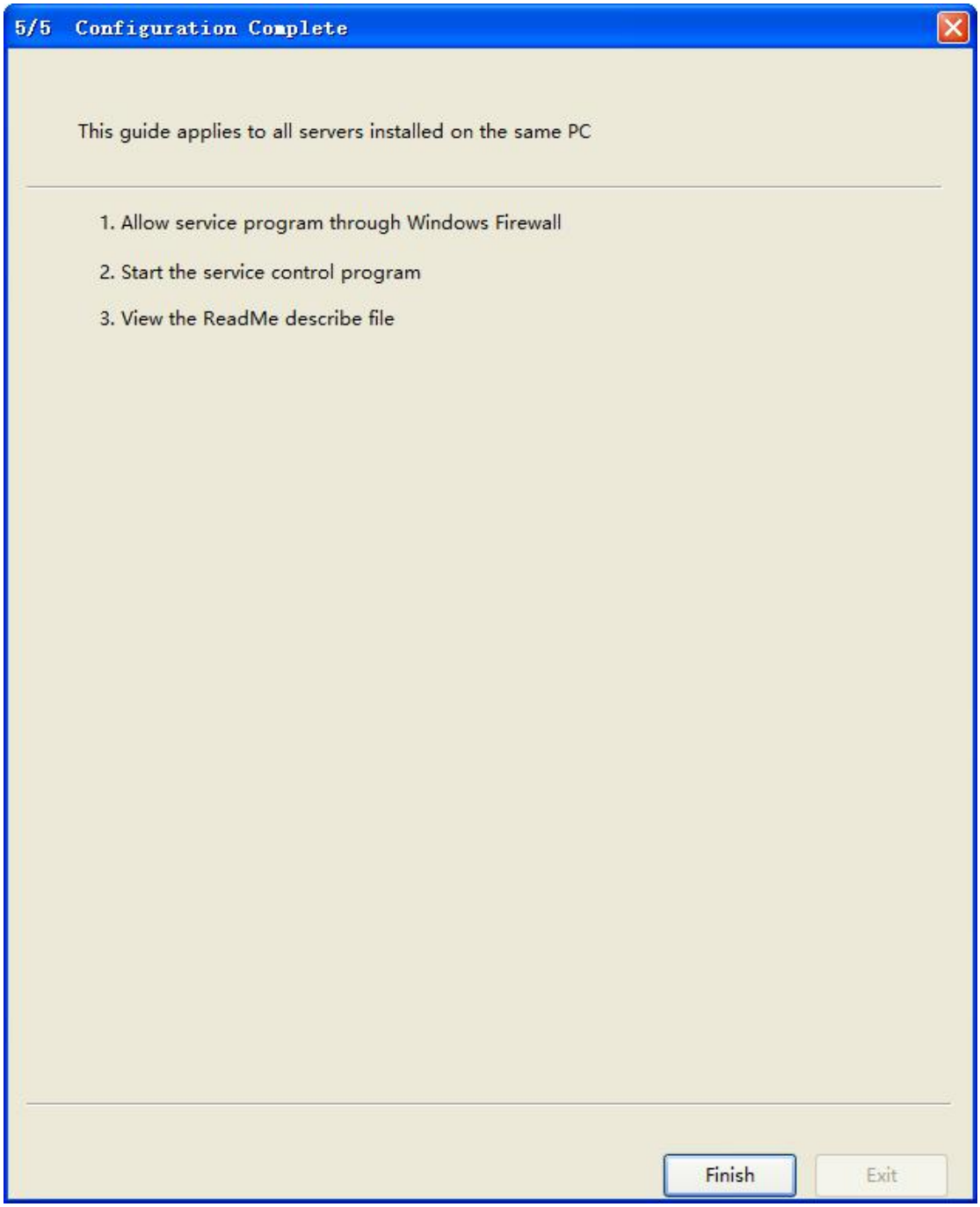
Step 12: Configure the web server access port (four ports are used here, please refer to the modified access port document for custom port configuration), click "Next" to continue.



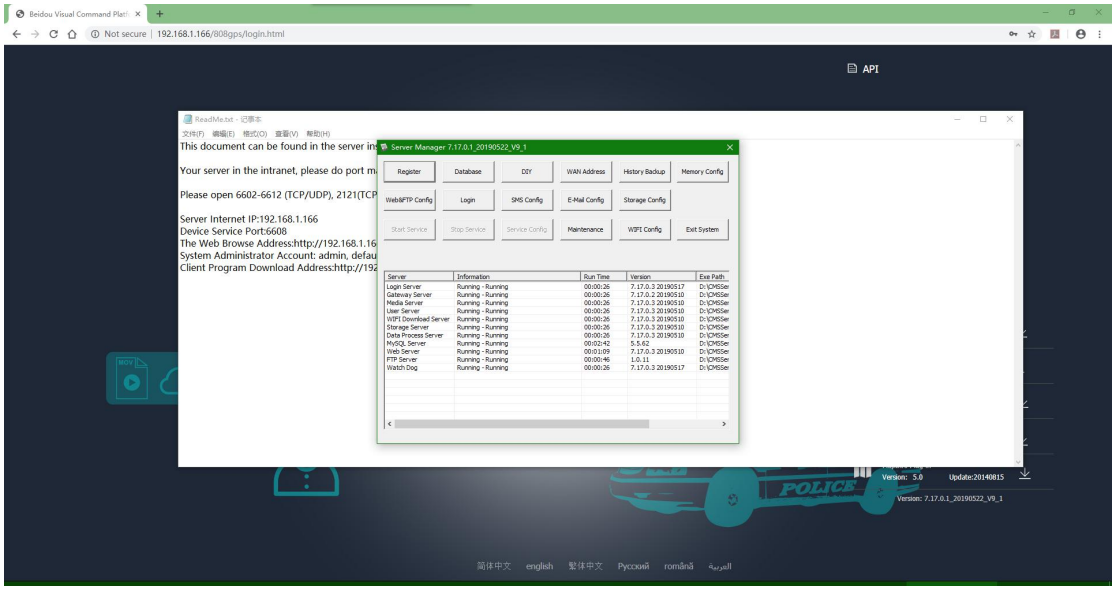
Step 13: Configure the FTP-related port and file upload path (individual device does not support this function), click “Next” to continue.



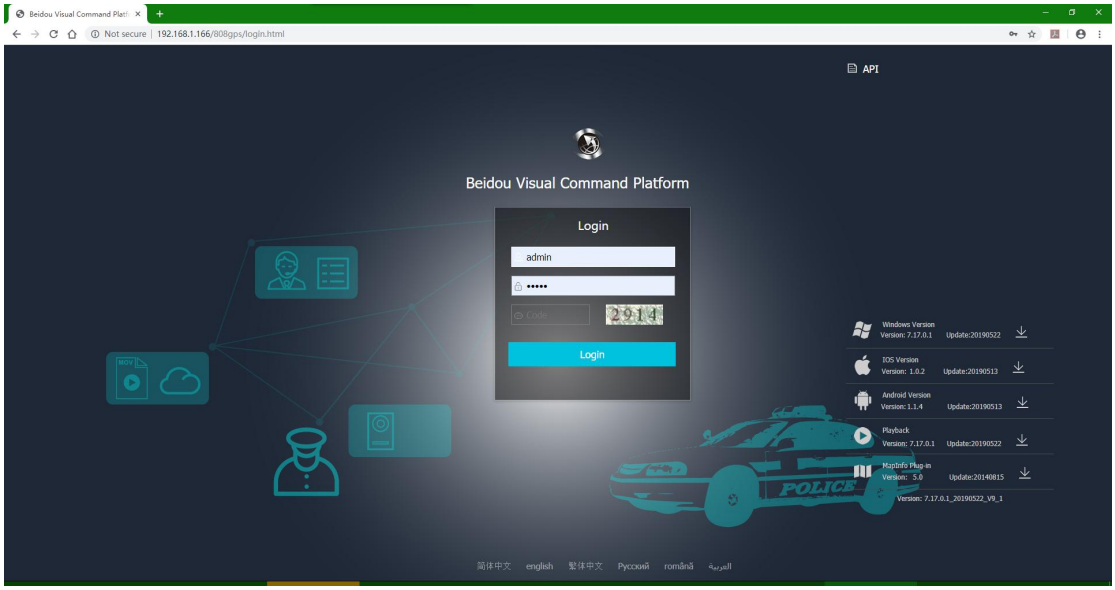
Step 14: Add the service used by the server to the firewall allow list and start the service. Click "Finish" to continue.



Step 15: Click "Finish" to open the server console and display the port, access address, etc. for the server.



Step 16: Confirm that all services of the server console are running normally. Enter the server IP address and port access server. The interface shown below shows that the server is successfully installed.

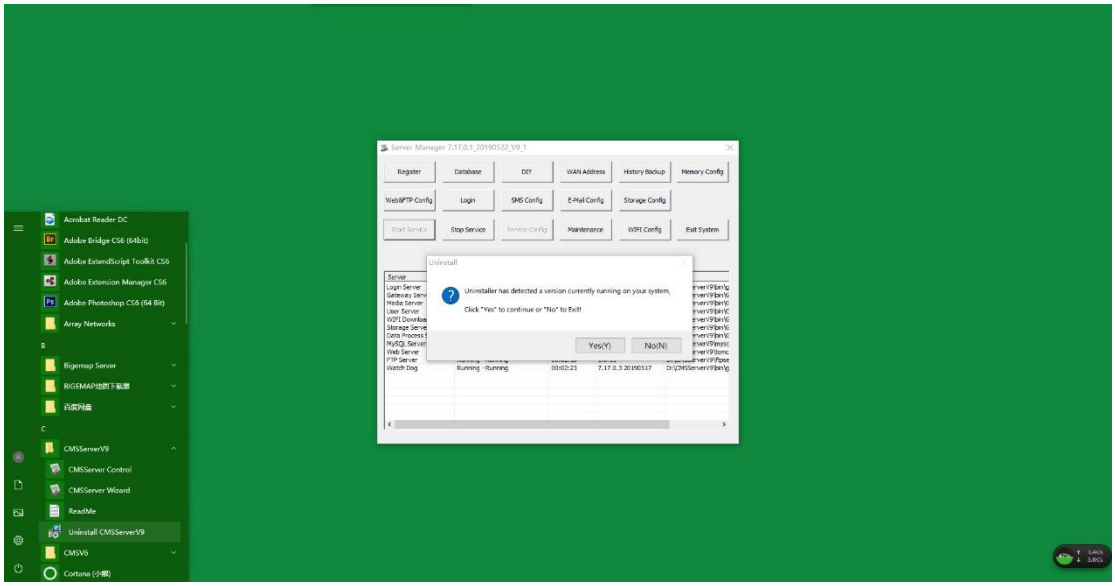


Step 17: If the server is not completely newly installed, please refer to the server upgrade documentation to confirm whether the server is successfully upgraded, no details here. After the installation is finished, you can start the server experience journey.

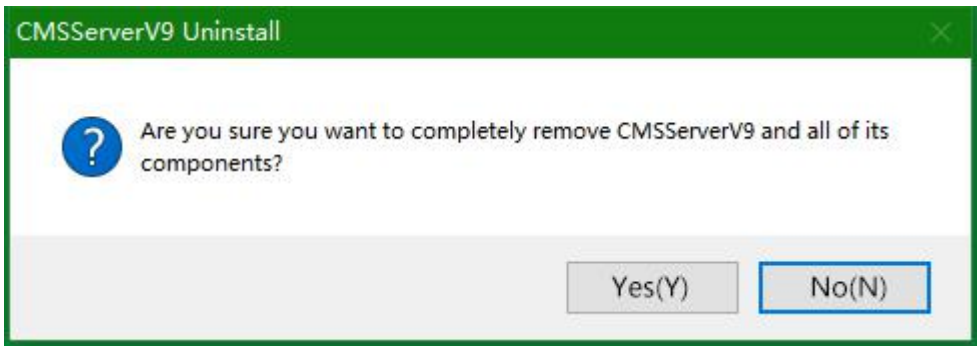
Server uninstallation

Please confirm that you have made a data backup before uninstalling.

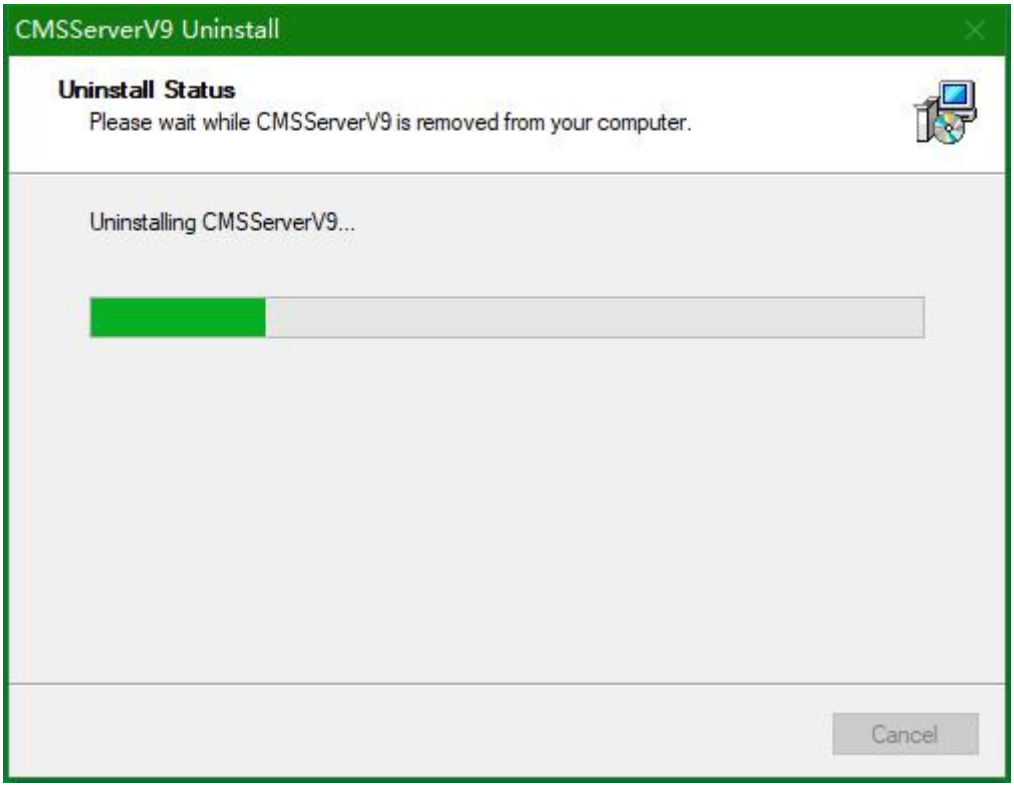
Step 1: Click “Start” to find the CMSServerV9 folder in the program and expand it. Locate the uninstall option and click “Uninstall”. When the server is uninstalled, it will judge whether the server is running. When the server is running, the uninstaller will give a prompt to make you confirm the operation, and please click to continue



Step 2: The uninstaller gives a prompt to let user confirm whether to uninstall the software, please click to continue



Step 3: Start uninstall

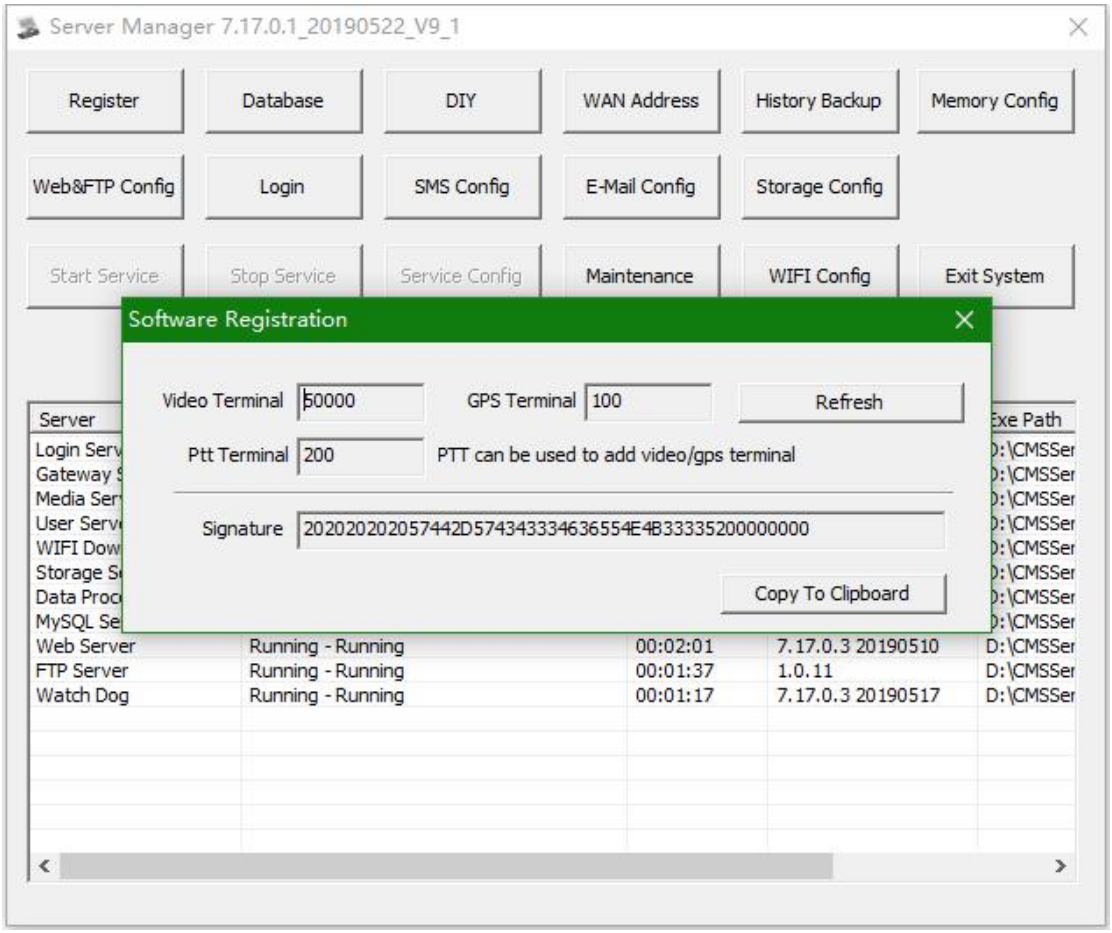


Step 4: After the uninstallation is completed, a corresponding prompt will be given, click OK to complete the uninstall.

Chapter 1 Server Console Instructions

1.1: Software registration

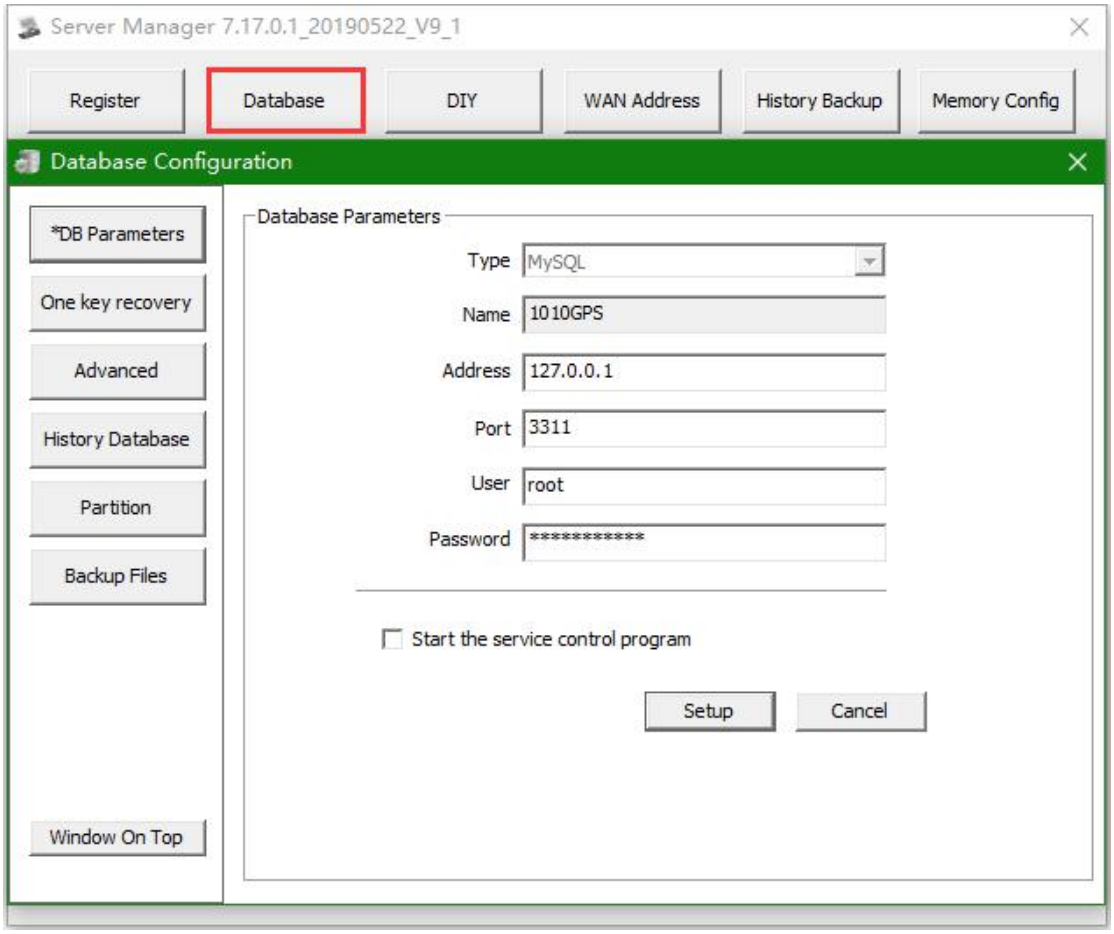
CMSV9 platform server test version has 10 test authorizations for testing only. Formal servers are officially authorized by software developers.



1.2: Server Configuration

The database configuration is also a database management tool, which is mainly used for repairing databases such as data corruption of the database and excessive data volume.

1.2.1: Database parameters



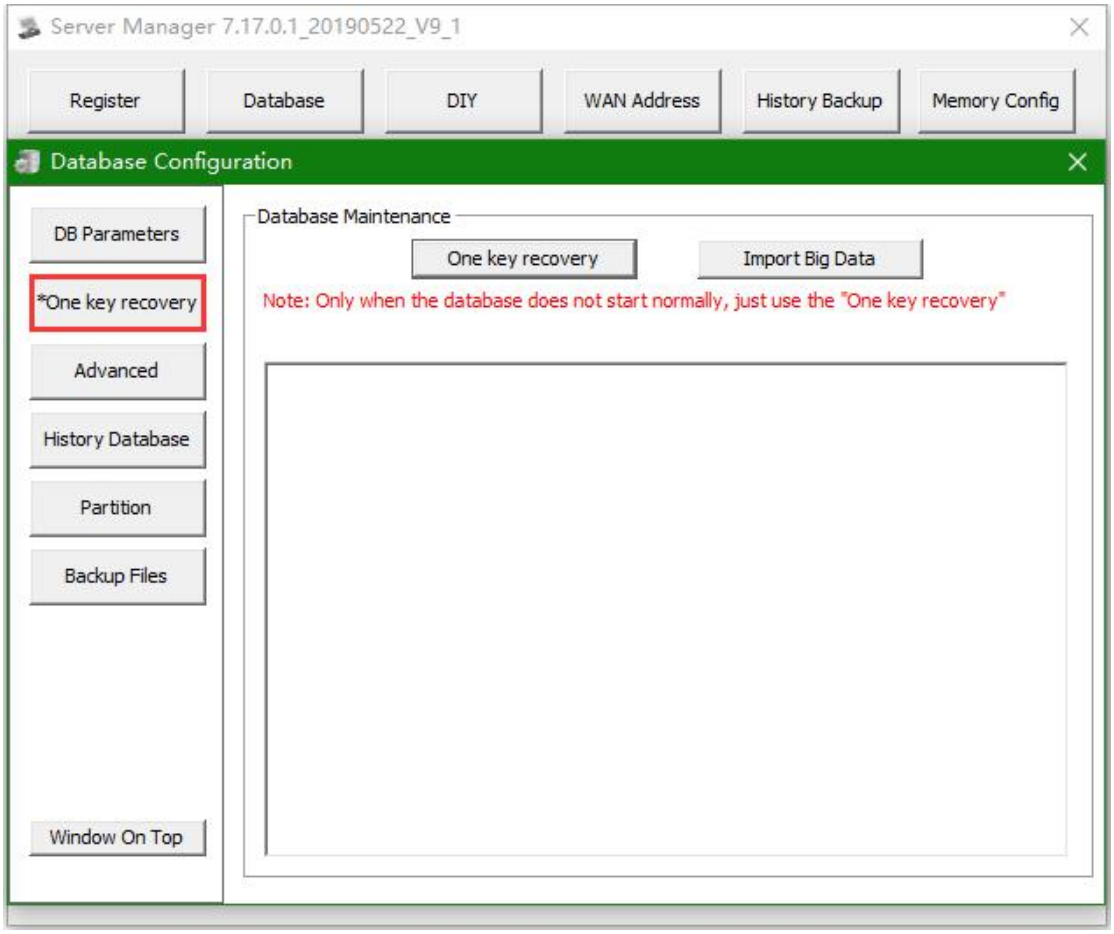
1.2.2: One key recovery

It's used when the database cannot be started normally, and just follow the prompt information.

This tool will back up the server's underlying data and rebuild the database and back up and restore the big data as prompted.

The basic data includes police officer information, user information, role information, scheduling terminal information, organization information, device information, collaboration team information, and the like;

Big data includes: alarm data, GPS data, storage video, operation log and call log;

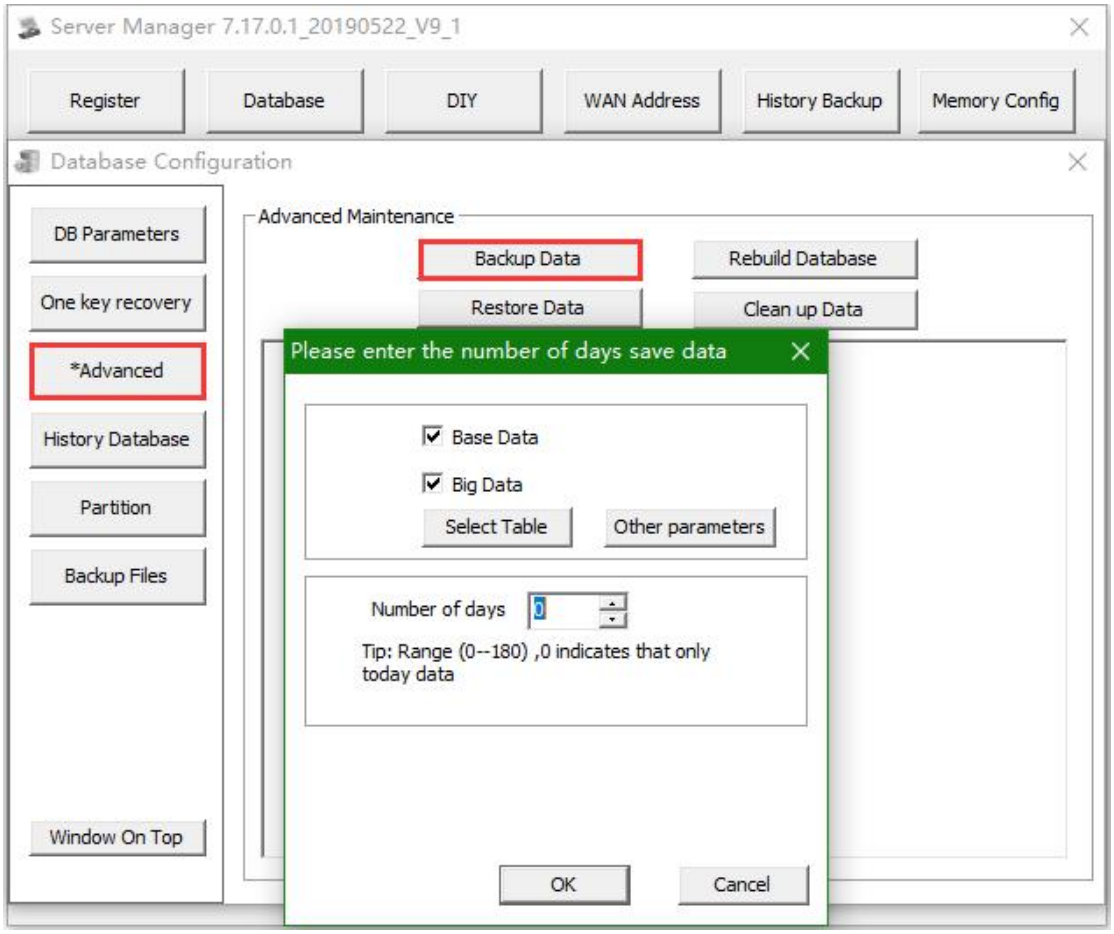


1.2.3: Advanced Maintenance

Advanced maintenance is used for backup, restore, and cleanup of server data.

Backup data: Back up the database data currently used by the server. The backup data includes basic data and big data.

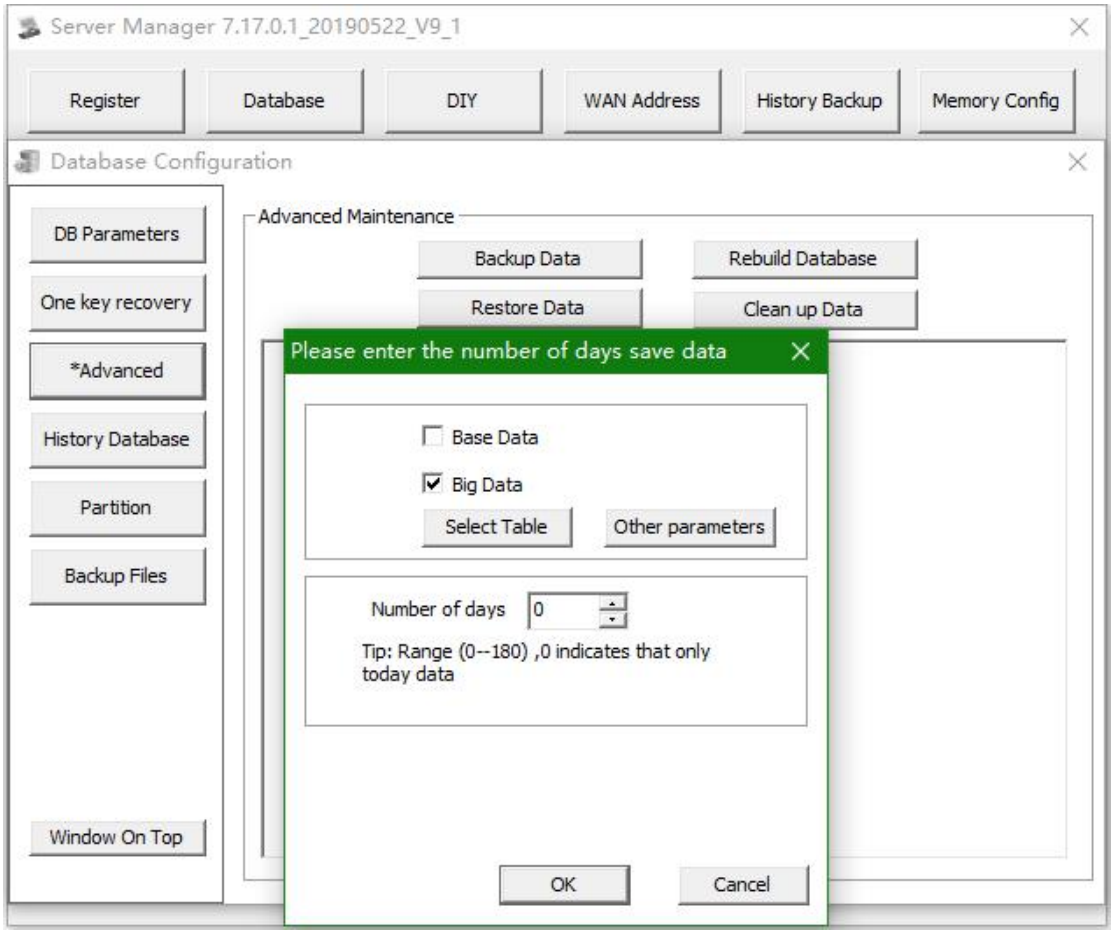
Number of days is applied to the big data retention days, that is, the big data in the time range that you want to keep.



Rebuild the database: Rename the database used by the existing server and create a new database

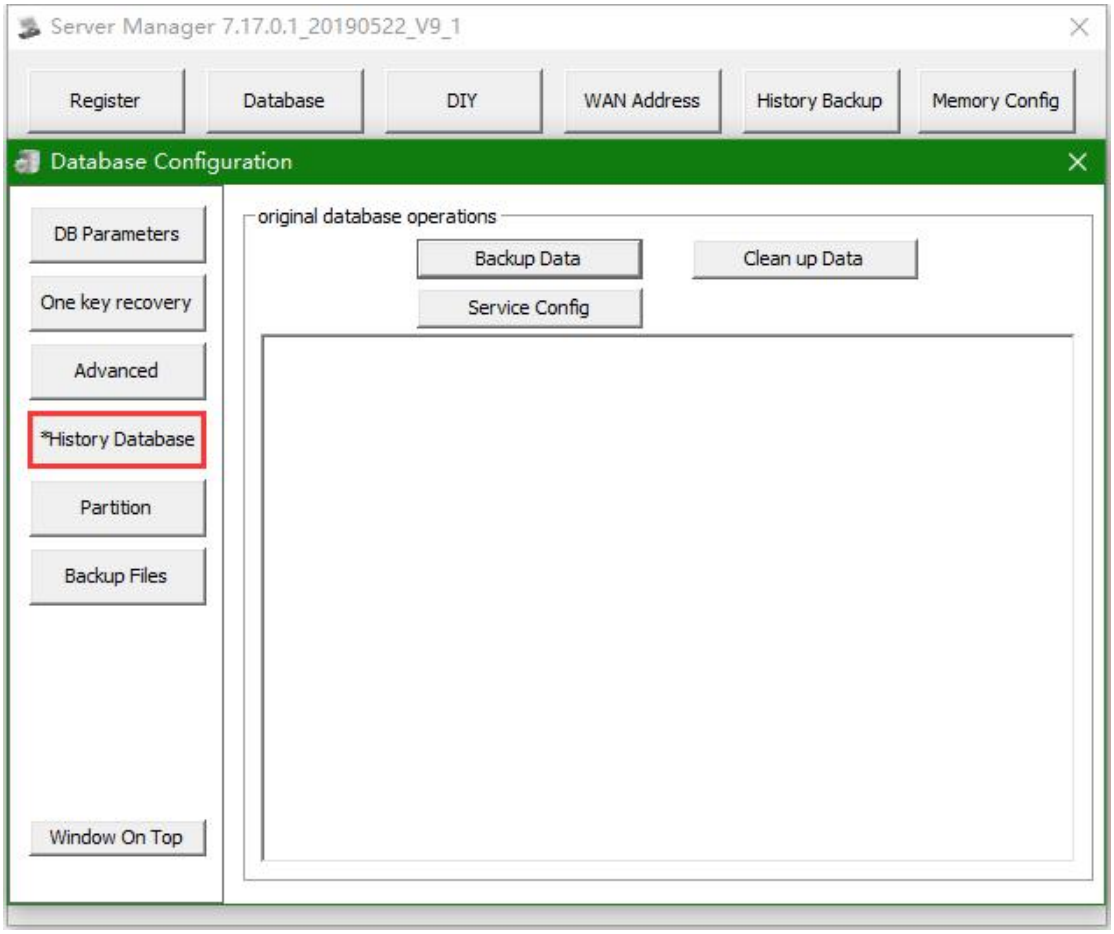
Restore data: Clear the contents of the current database, and write the historical data to the current database according to the selected specified path.

Clean up data: Delete the data in the database according to the selected time and type. After the deletion, the data cannot be recovered.



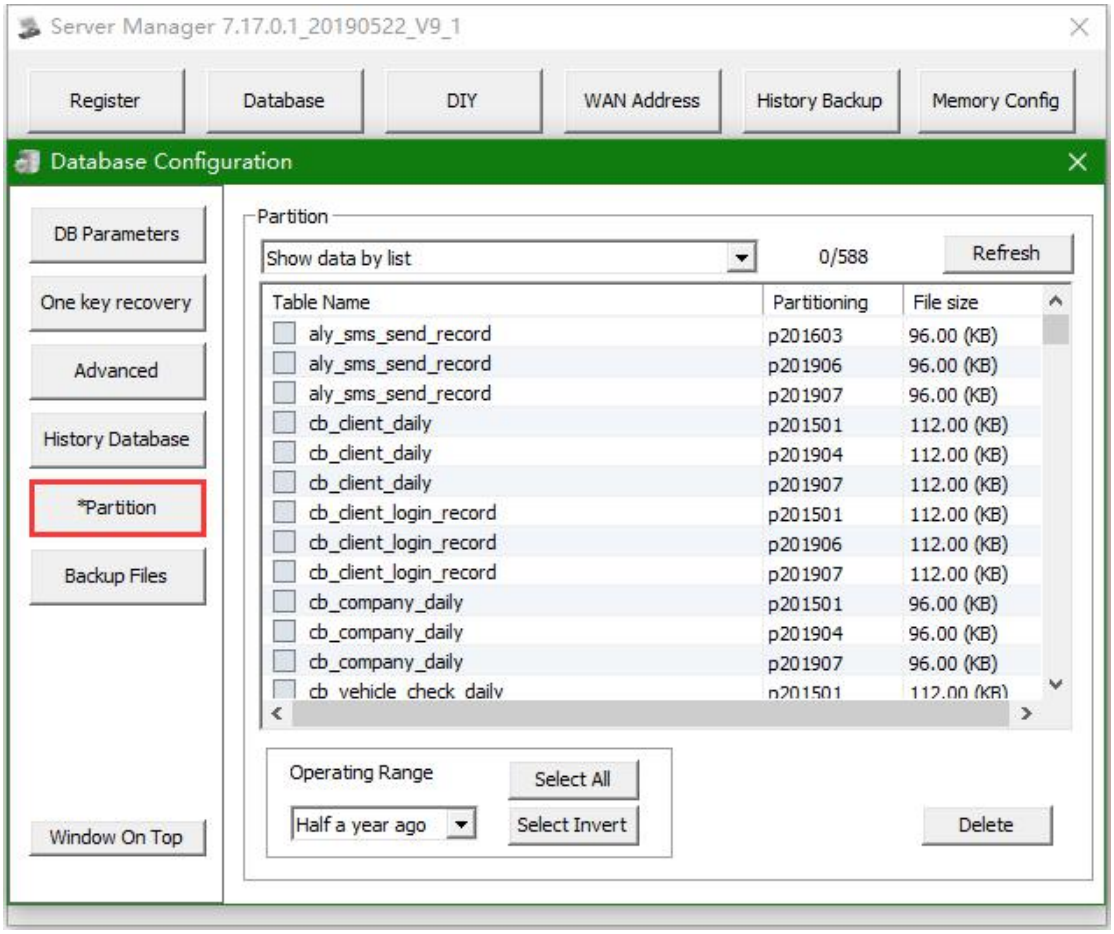
1.2.4: Historical data

Operate historical data to delete or backup historical data for restoration



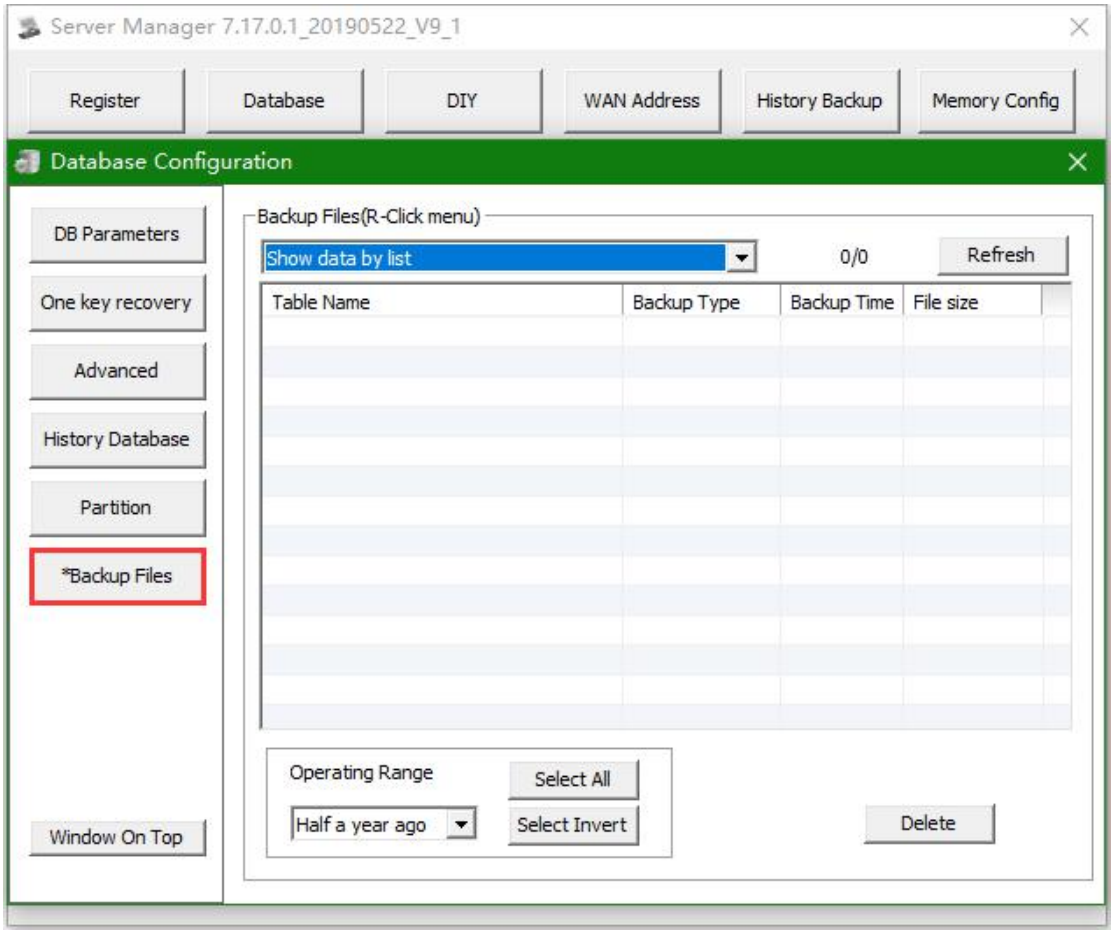
1.2.5: Partition Table

Delete the data in the selected table. When the table data is large and not needed, deletion can be done and the operation is irrevocable.



1.2.6: Local backup file

It's used to delete backup data. When the backup data is large and not needed, deletion can be done and the operation is irrevocable.



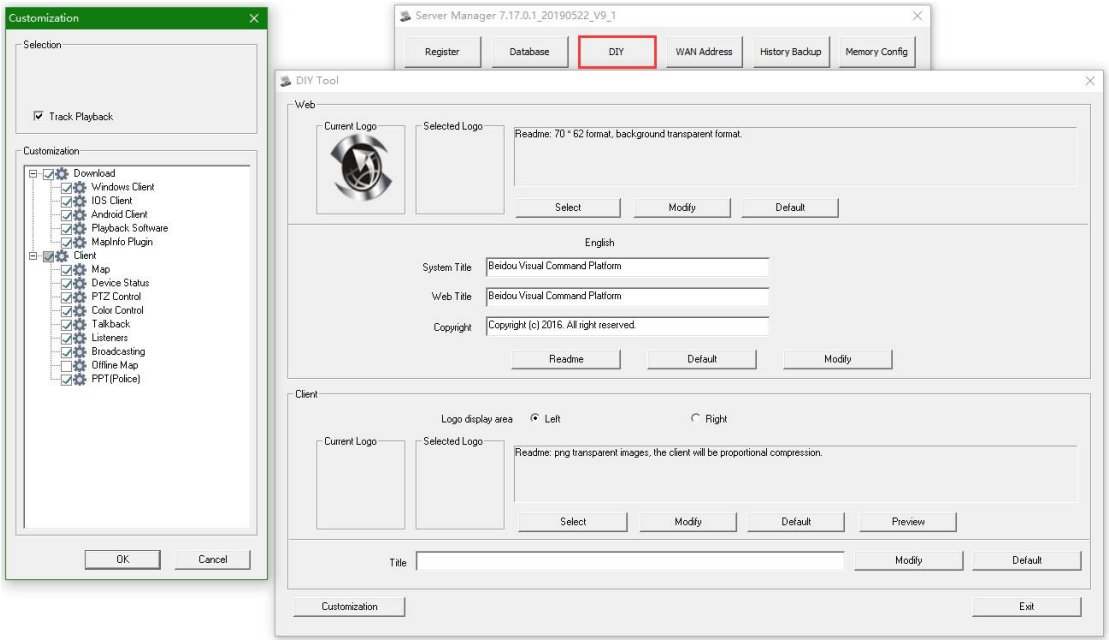
1.3: DIY

The DIY tool is mainly used to create some customized content for the current server, such as login interface logo, title, etc.

Function customization is mainly to limit the content of other application downloads.

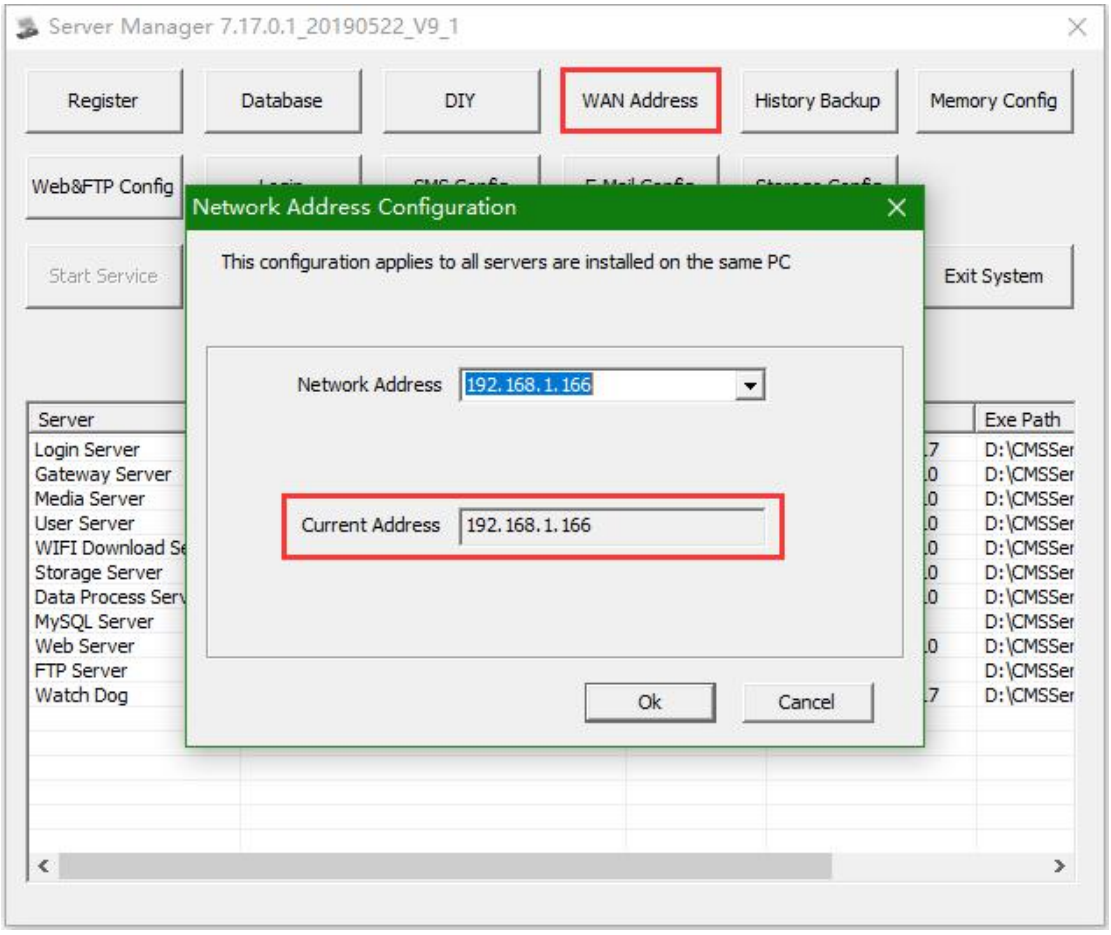
In function customization, add the configuration of the offline map, and check the box to take effect

In function customization, add the law enforcement instrument version entry to display the content customization. When displayed as a police officer, the entry is a police officer, and when displayed as a personnel, the entry is a personnel.



1.4: Server Address Configuration

It is mainly used to configure the server's connection address (you can use an IP address or a domain name address)

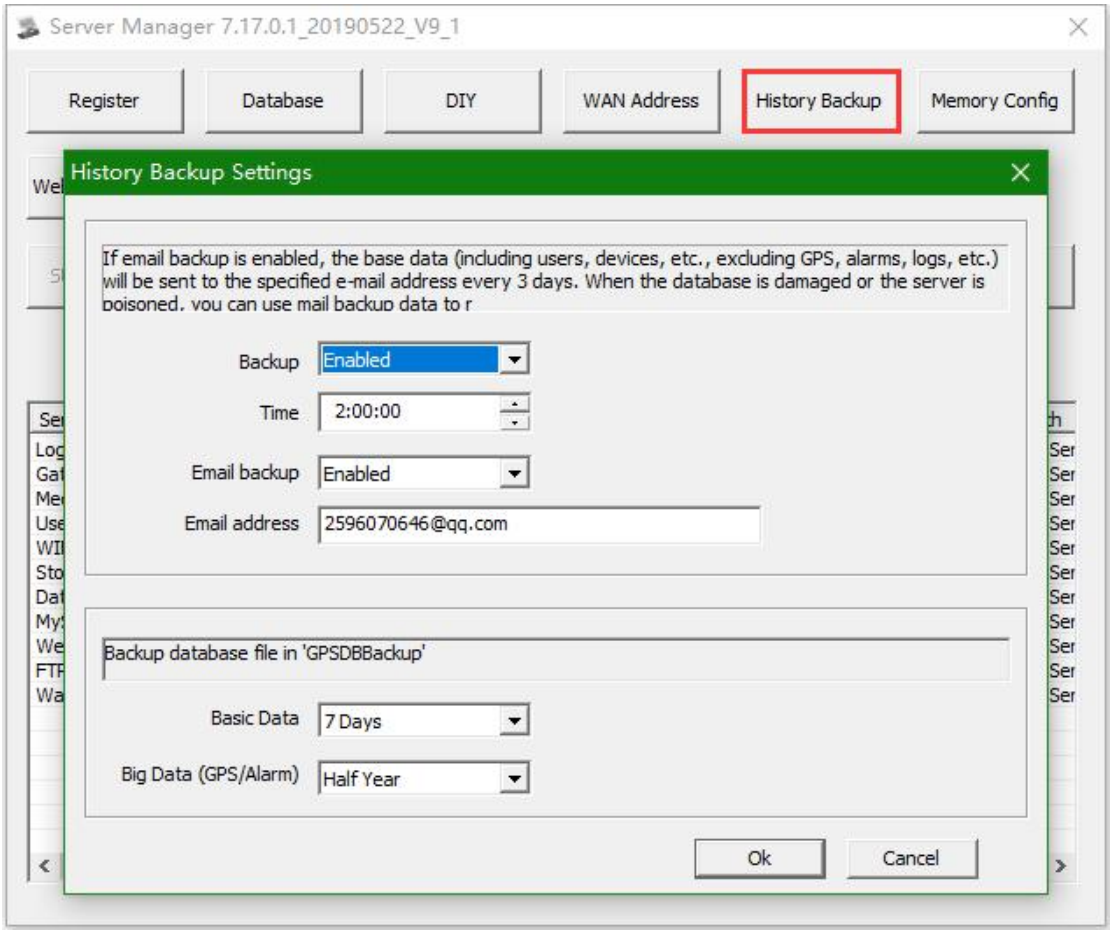


1.5: Historical backup

Historical backup includes two parts: email backup and real-time backup.

Email backup: When the email backup is enabled, the system will send the basic data of the server to the specified mailbox every three days, so that the database can be restored when the database is damaged.

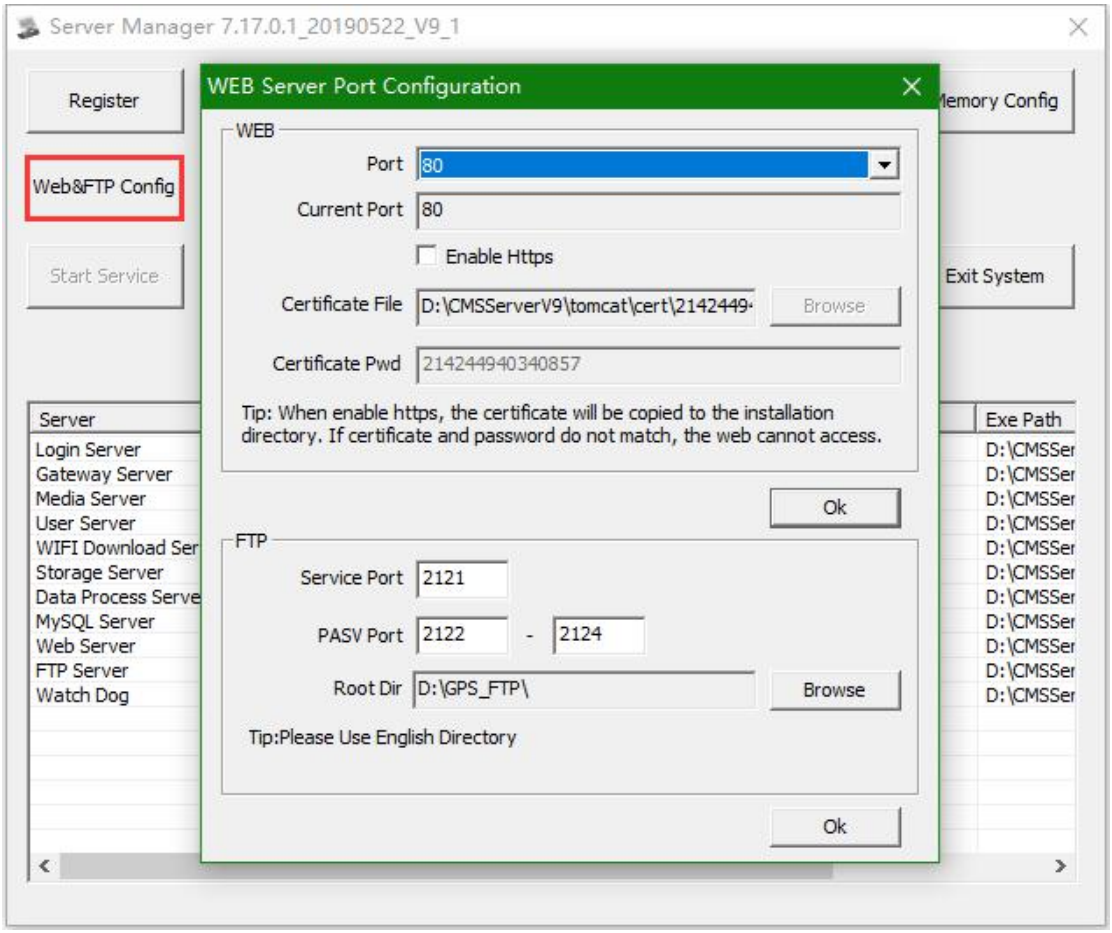
Real-time backup: When real-time backup is enabled, all data will be backed up at the specified time every day. Backup files retain all backup data set to the current time forward during the validity period.(Set the duration to half a year, the historical backup data will be retained within half a year, and the previous data will be deleted.)



1.6: WEB&FTP configuration

The Web port is mainly used for port connection during web access. The server has four common ports. For custom ports, please refer to the custom port configuration document.

The FTP law enforcement platform has not been used for a while and will not be explained in detail.



1.7: Storage Server Configuration

The capture status, recording status, and download task mainly display the current capture, video, and download tasks.

Parameter configuration is mainly to customize the server configuration

Disk Management: Audio and video file storage path

When the disk space under the storage path is less than the reserved space and there are new storage tasks, select whether to overwrite the previous files or stop the storage tasks.

The warning space means that the server issues an alert and sends it to the user when the storage space is smaller than the warning space.

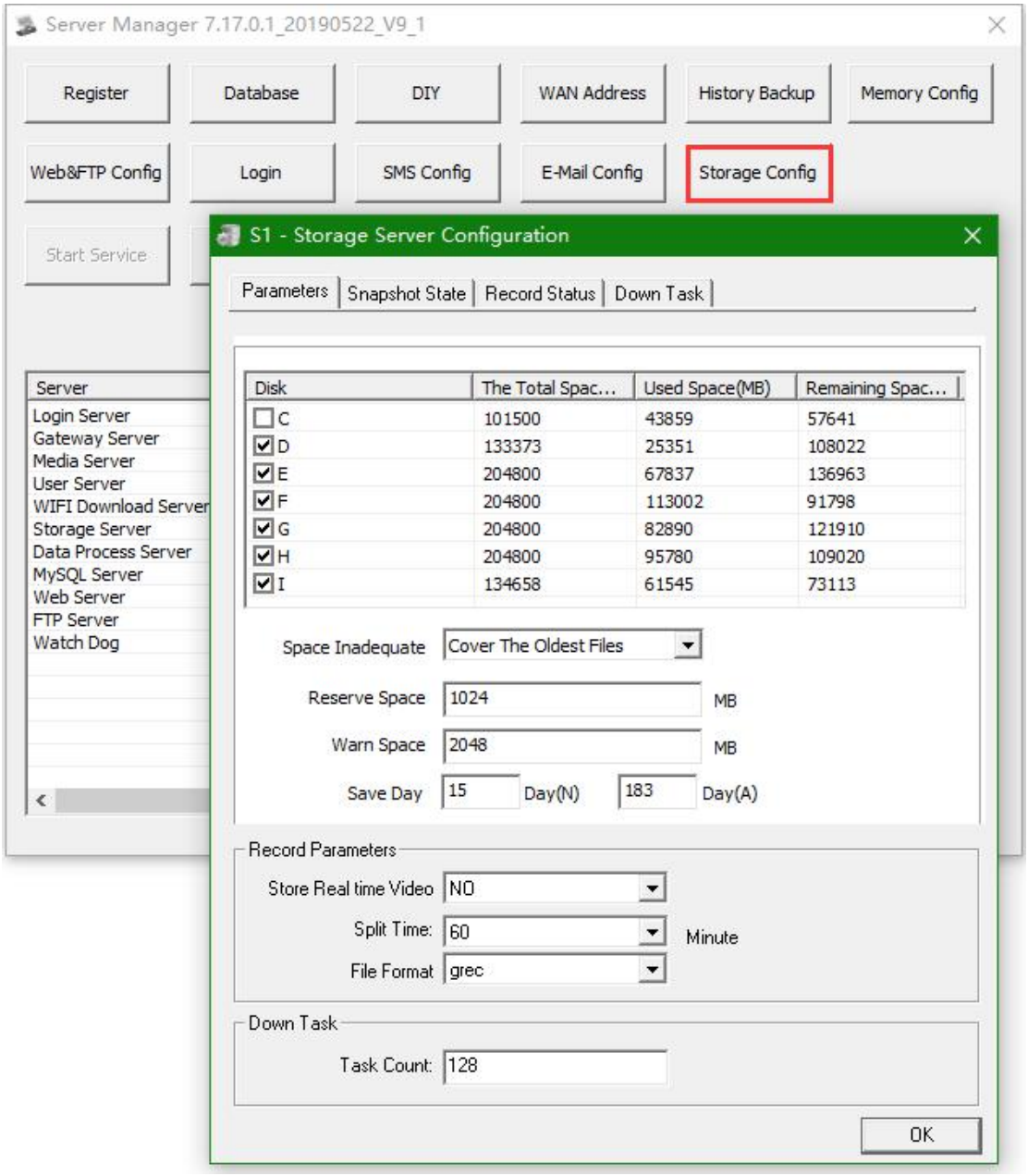
Retention days: When space is insufficient, select the file before overwriting, delete the previous file, delete the rule to keep the number of days as the standard.

Storing real-time video: When the user previews the real-time video, whether the server stores the real-time preview video?

Segmentation duration: file duration when the server video is stored

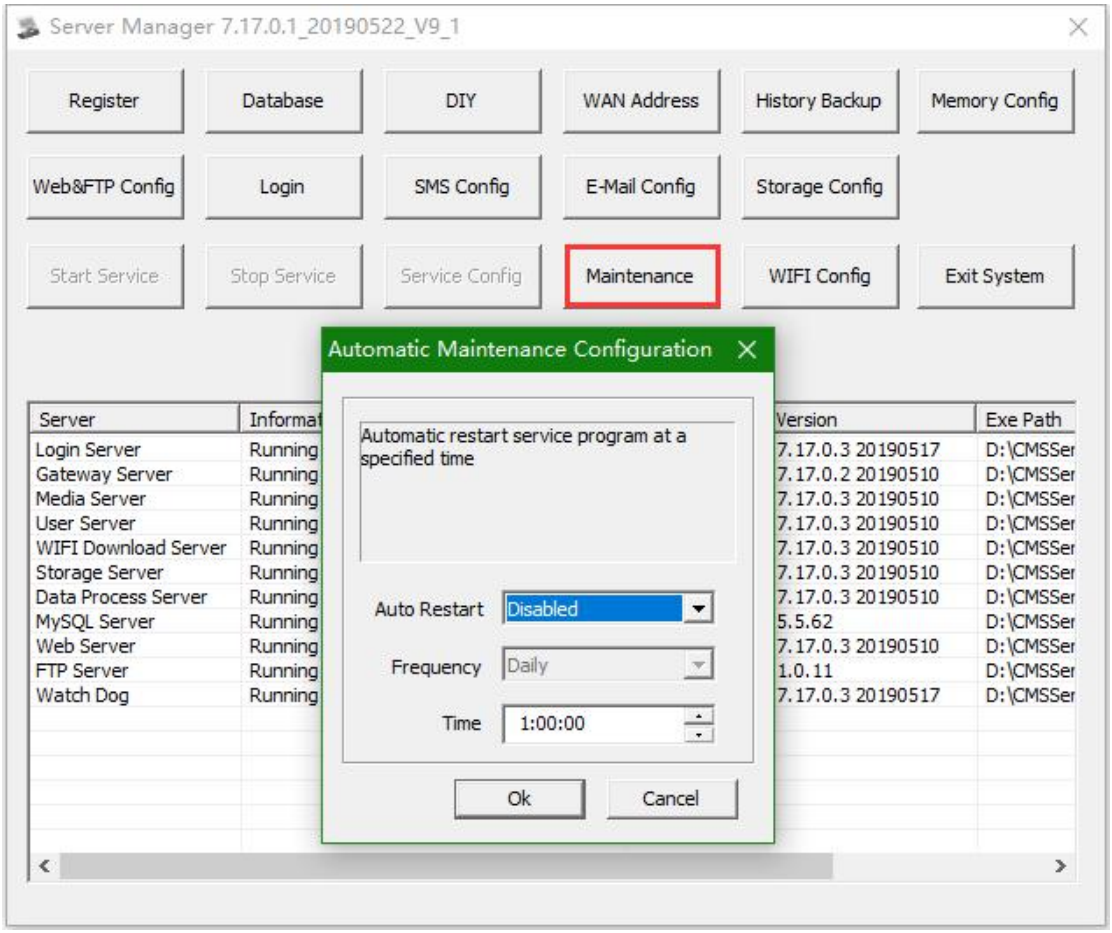
File format: server video storage file format

Number of simultaneous downloads: Maximum number of simultaneous downloads performed by users who add multiple download tasks



1.8: Automatic maintenance

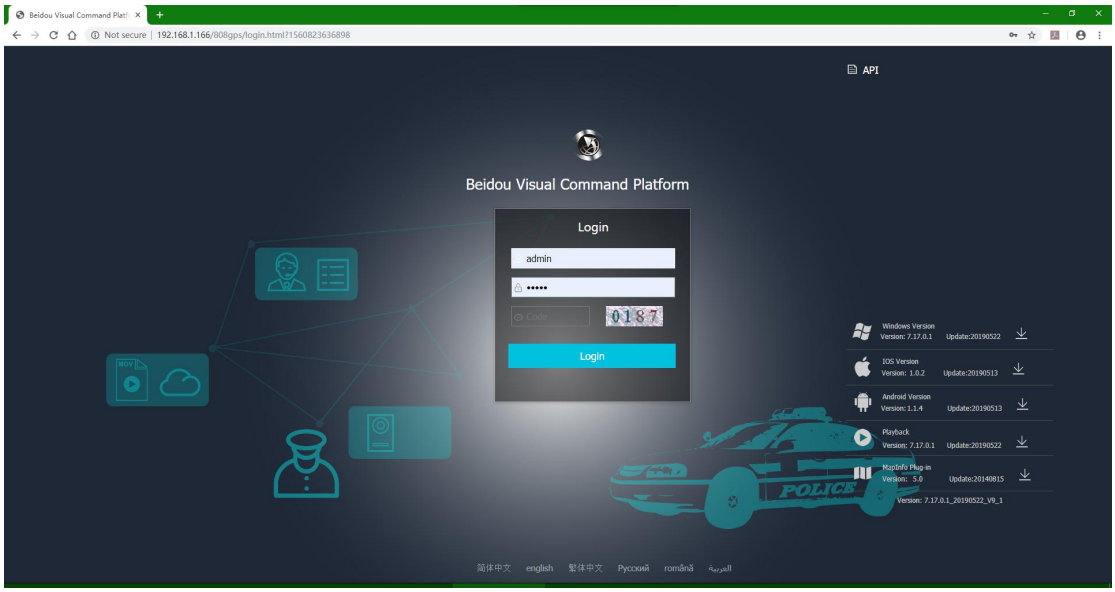
When the automatic maintenance function is enabled, the system service will restart at the specified time (avoid excessive memory usage due to long service runtime)



Chapter 2 Web Client Instructions

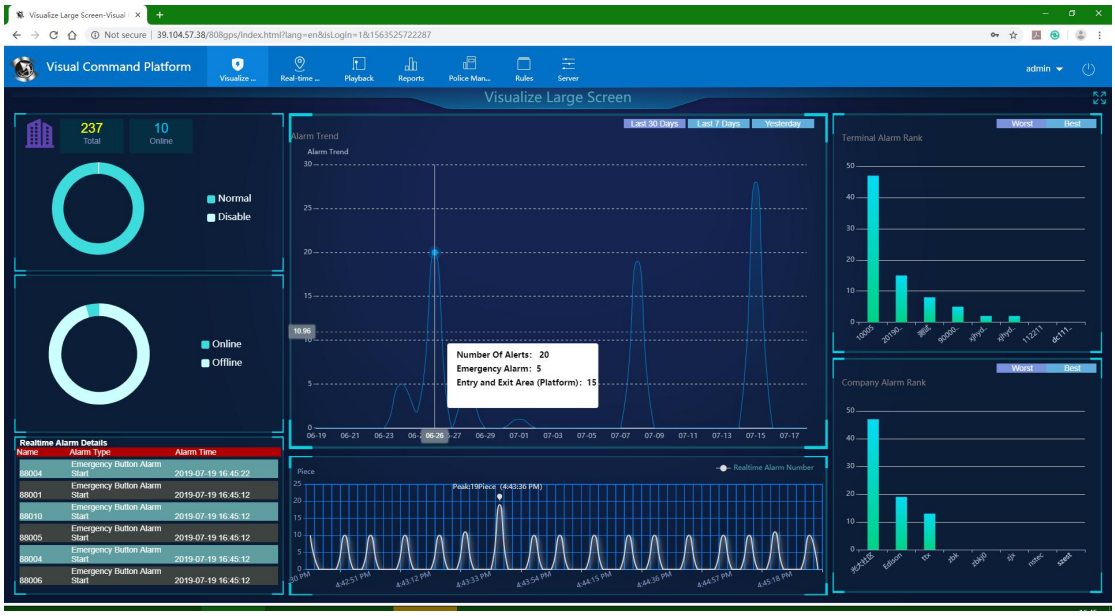
2.1: Login interface and running interface

2.1.1: Login interface



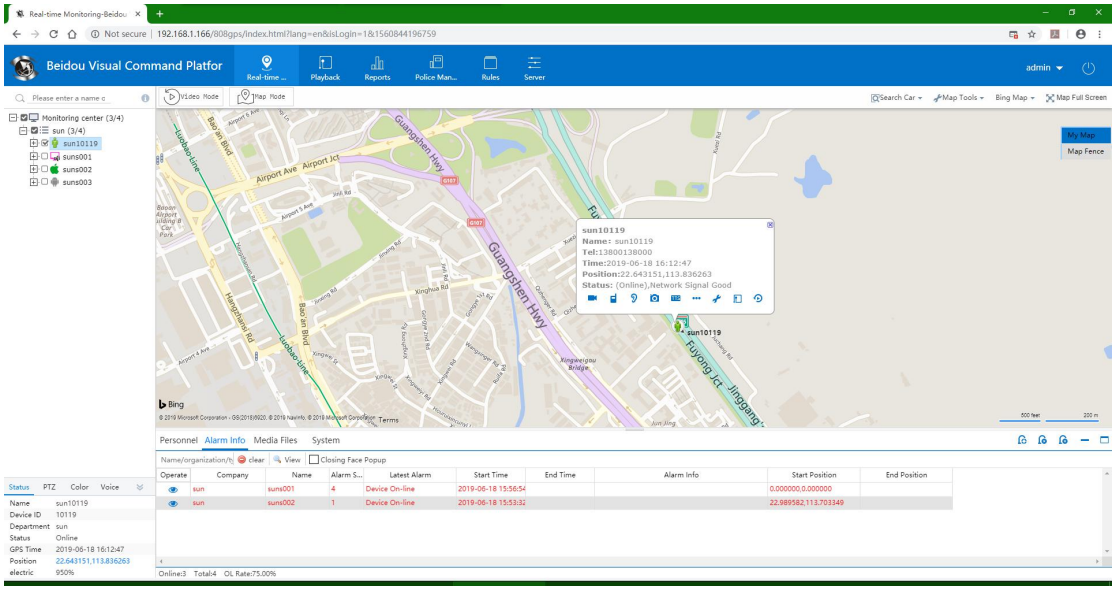
2.1.2: Visualized large screen

The visualized large screen is dynamically updated for all kinds of urgent, sensitive and important information, and is displayed in real time; it is convenient for relevant staff to respond in the first time; display information such as alarm statistics, real-time alarm, position location, face recognition and control, etc.;



2.1.3: Running interface

Running interface for enterprise users



Information Bar:

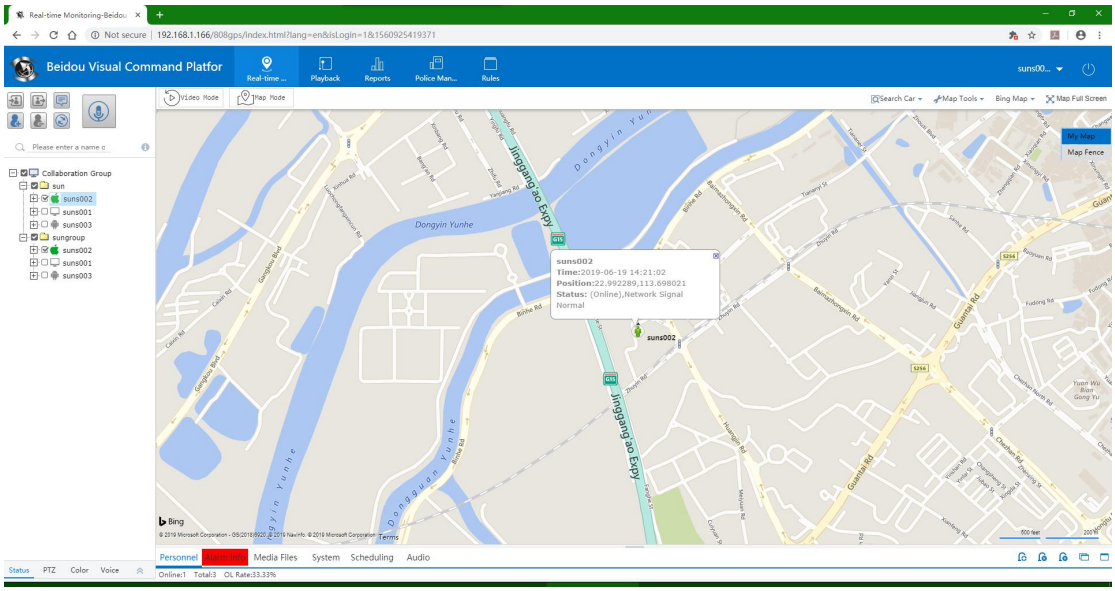
Personnel monitoring: Select the device to be monitored in the device list, and the device related information will be displayed in this column;

Alarm information: alarm information reported by the device;

Media file: Display the status of relevant files such as snapshots and videos uploaded by the device;

System events: Display system-related information, such as login server success, device list update, etc.

Scheduling the user running interface (the current version only shows the interface, please refer to the client for the function)

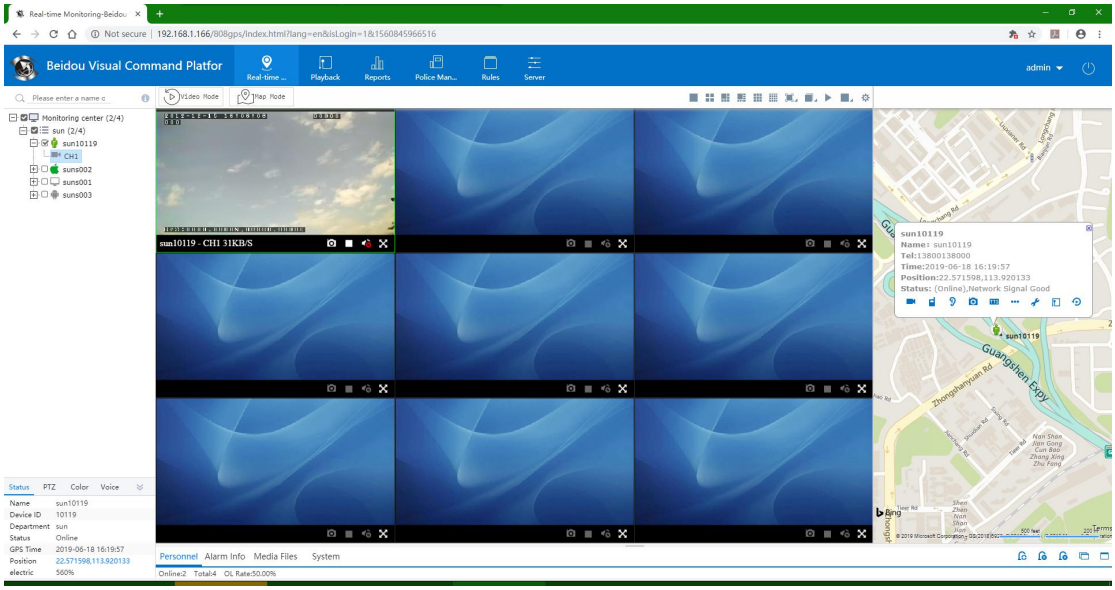


2.1.4: Real-time monitoring

You can directly preview the video in the video window by double-clicking on the terminal in the monitoring list. The user can also open the channel video of the specified terminal in the specified video preview window (the time for previewing the video screen and the terminal recording screen should be synchronized).

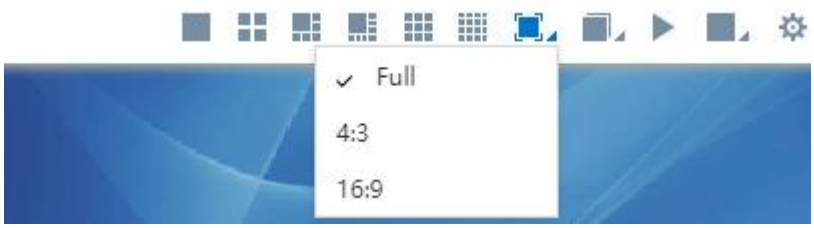
2.1.4.1 Video mode

Video mode helps preview terminal real-time video;



Video window mode 1, 4, 6, 8, 9, 16 and the screens are shown correspondingly in the following figure;

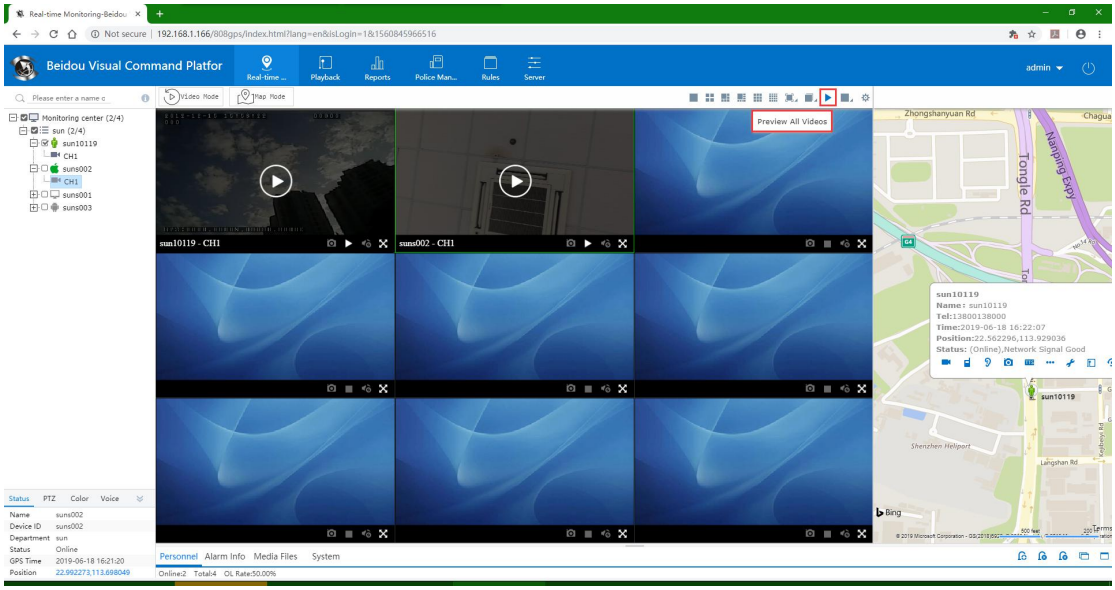
The screen display scale adjustment;



Good real-time performance: priority to ensure the real-time nature of the video.

Medium real-time performance: priority to ensure the smoothness of the video

When the video window is in the stopped state, click "Preview All Videos" to re-preview the video;



Stop all videos: Stop all video windows that are being previewed;

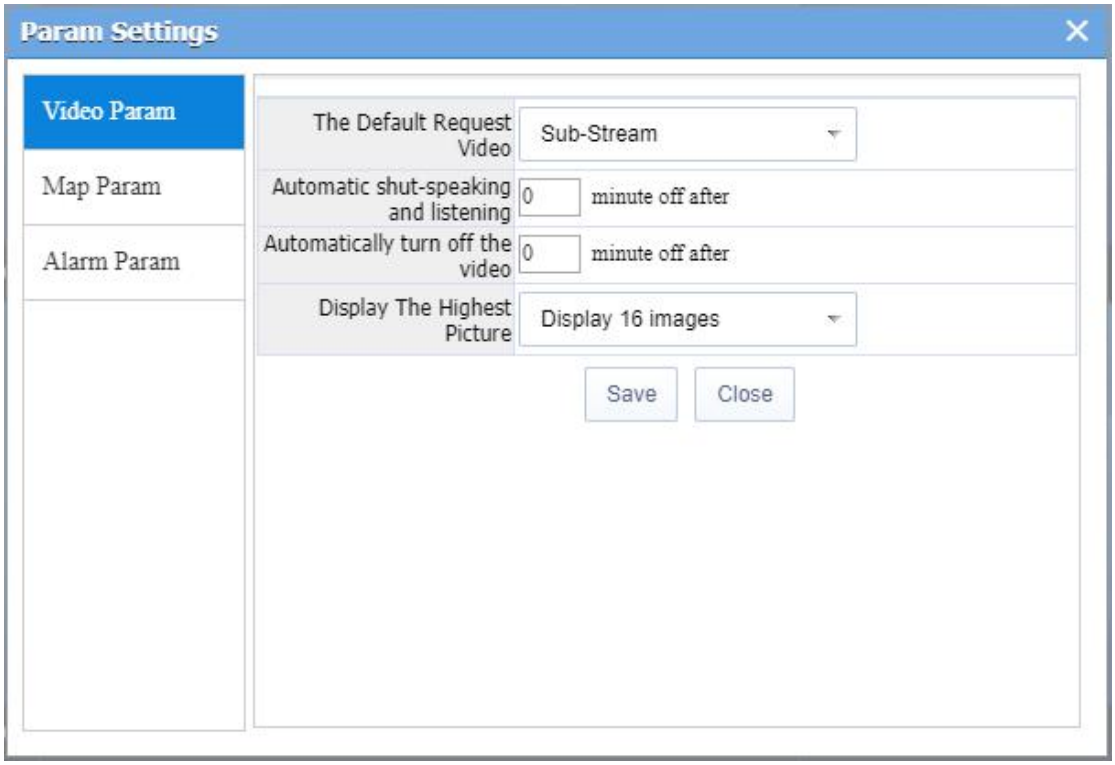
Clear all videos: Clear the video window that is previewing or has stopped previewing;

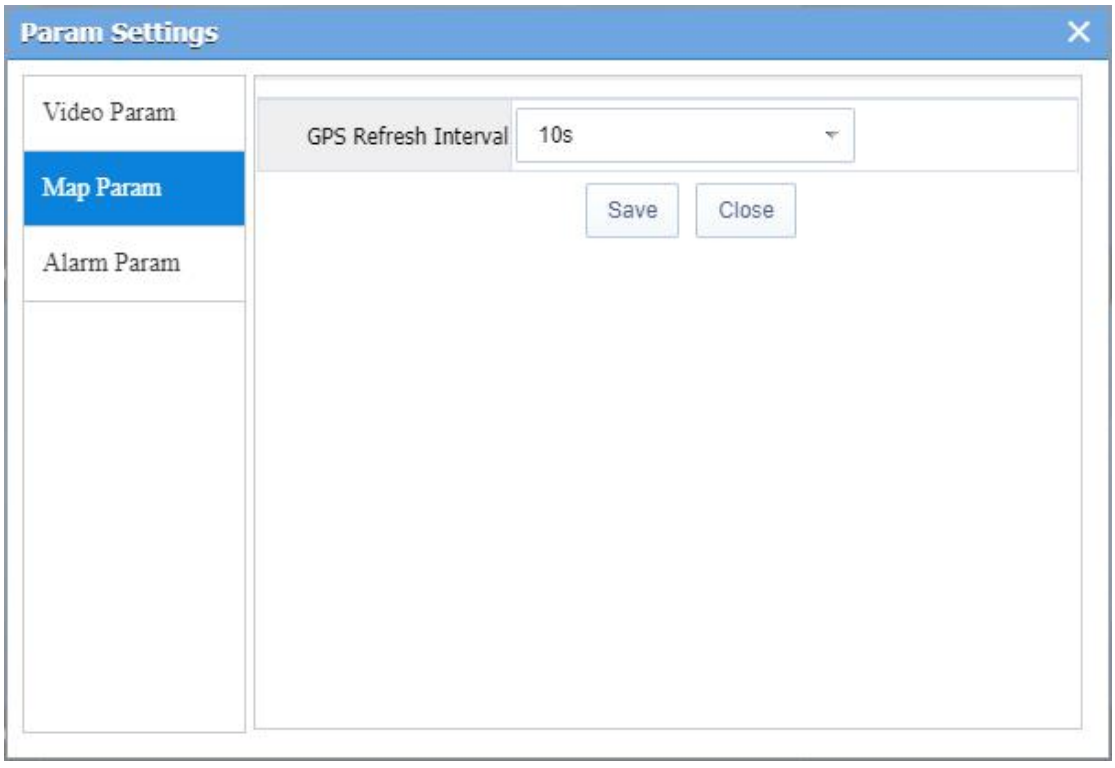
Parameter settings: video, map, alarm;

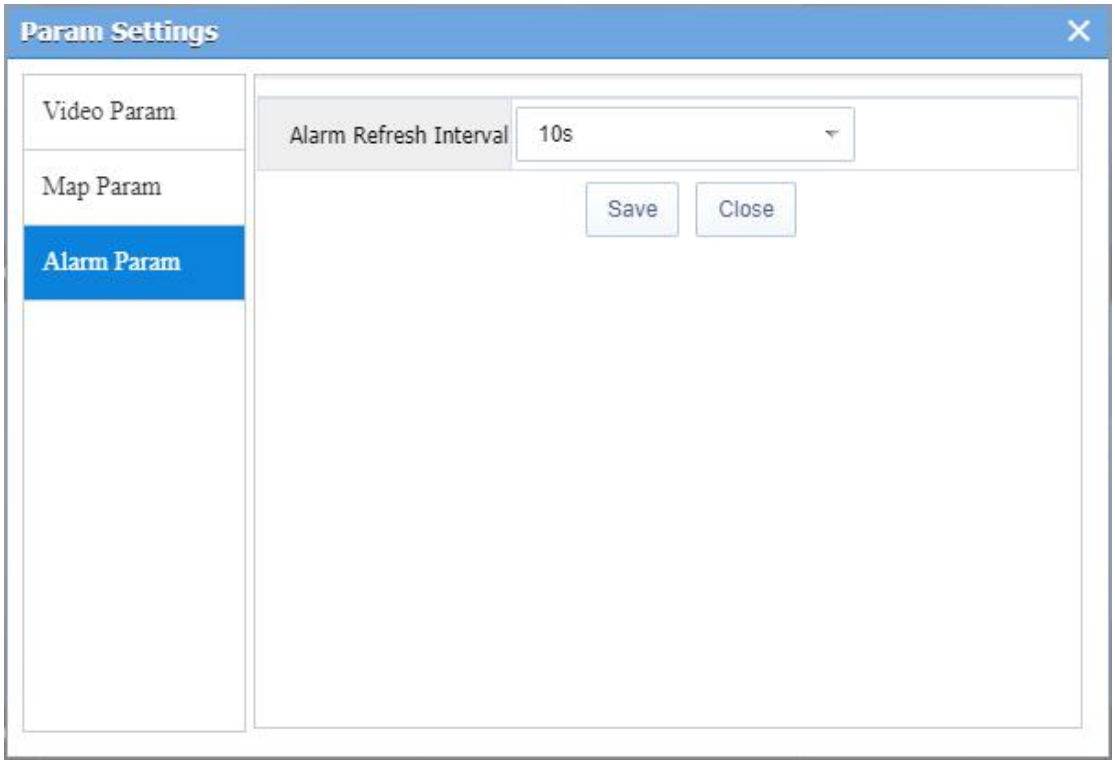
Default request video: This parameter is used for the video stream (sub-stream or main stream) that is requested by default when the video is played by the vehicle node or the channel node in the left vehicle tree.

Automatical shut-speaking and listening: Set the default duration of speaking and listening, and speaking and listening will be shut down when its duration is longer than this time;

Automatically turn off the video: Set the default duration of video playback, and turn off this video playback when its duration is longer than this time;


Param Settings
Video Param
Map Param
Alarm Param
The Default Request Video
Sub-Stream
Automatic shut-speaking and listening
0
minute off after
Automatically turn off the video
0
minute off after
Display The Highest Picture
Display 16 images
Save
Close

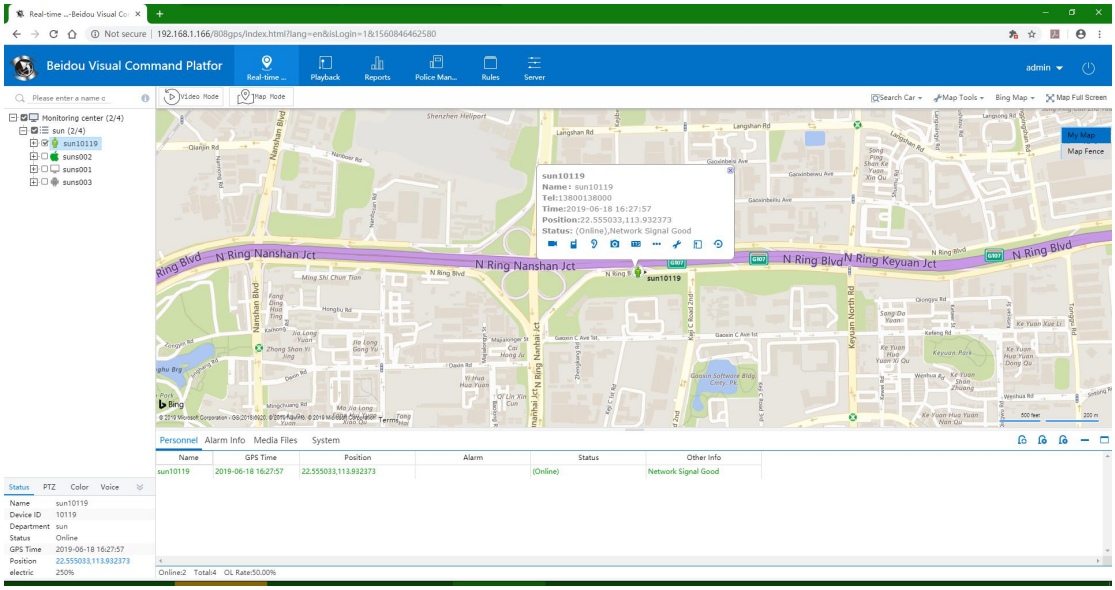

Param Settings
Video Param
Map Param
Alarm Param
GPS Refresh Interval
10s
Save
Close



2.1.4.2 Map mode

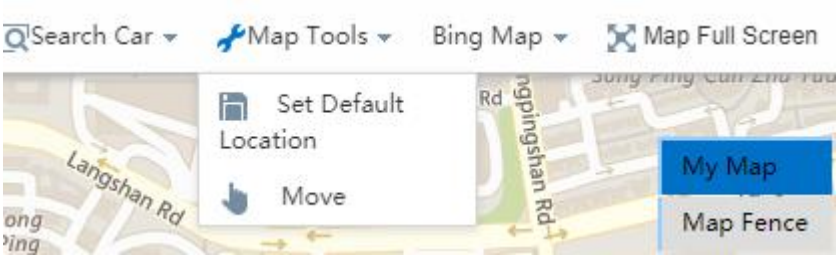
Map mode, view real-time location information of the terminal;

The device in the list of left terminals can be monitored in real time on the WEB side, and the geographical location can be displayed on the map.



Pull-down search: Select an area to find the location of the vehicle;

Map tool:

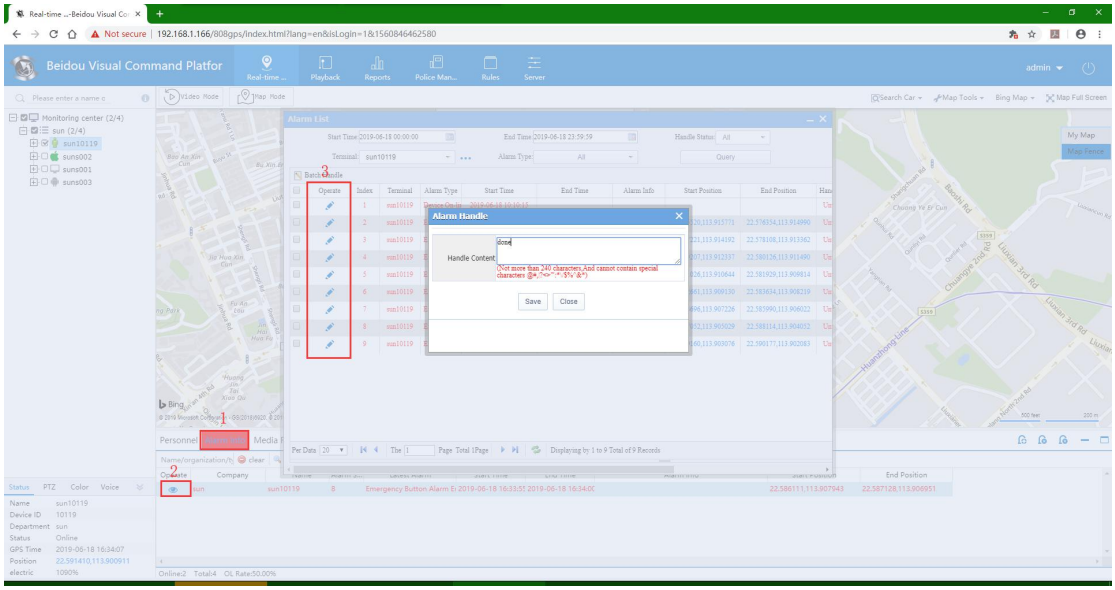


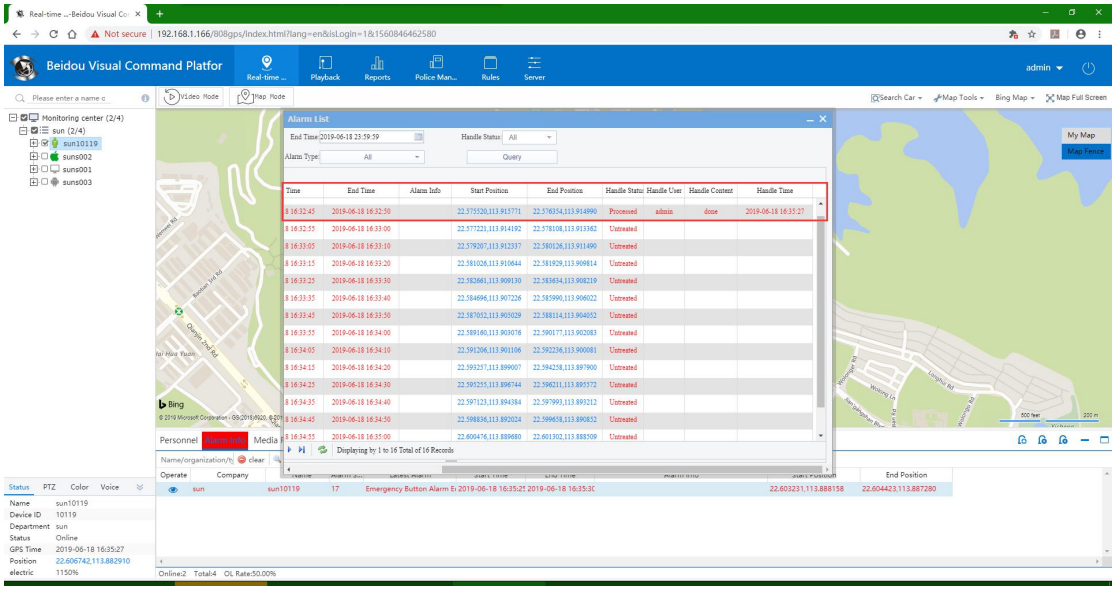
Map type: Baidu map, Google map, and Bing map can be selected;

Map full screen: Hide the navigation bar menu and display the map in full screen;

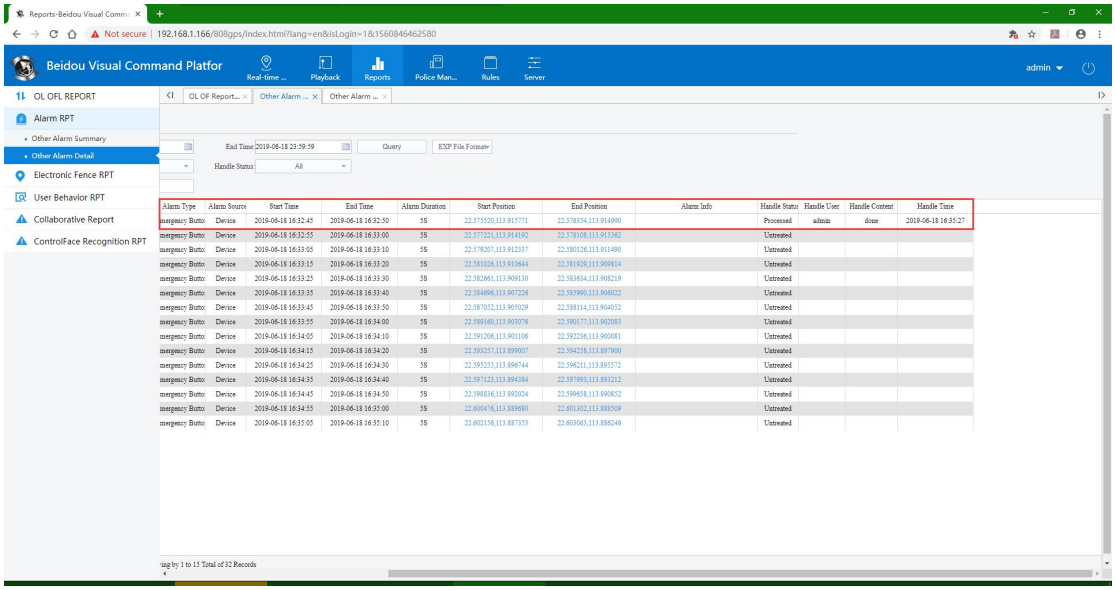
2.1.5: Alarm handling

The alarm can be viewed and processed, and the status of the processing, the processing user, the processing content, and the processing time can be found in the alarm;



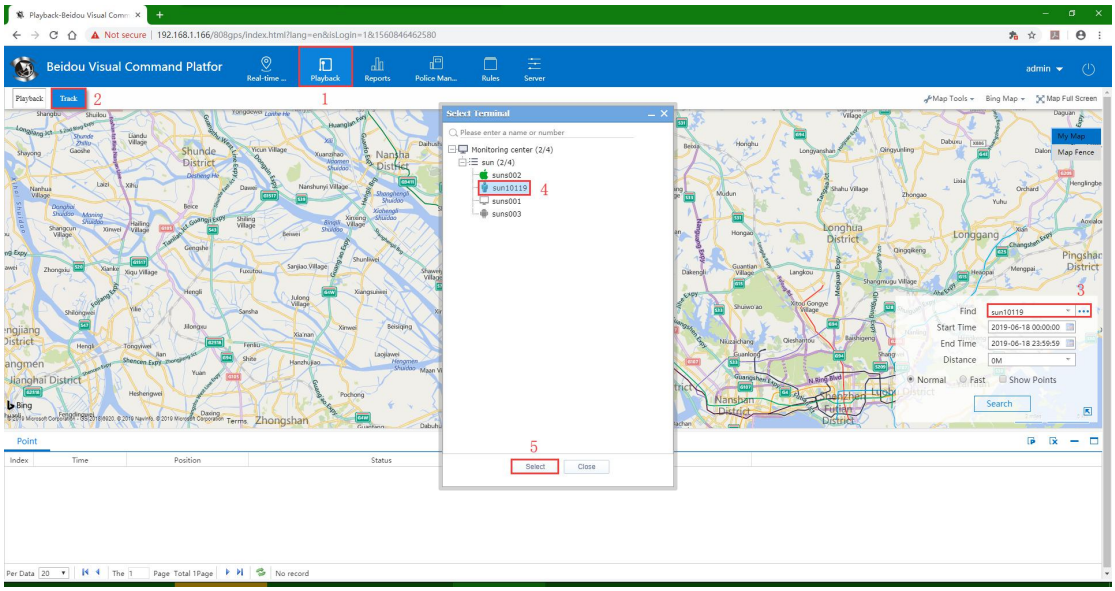


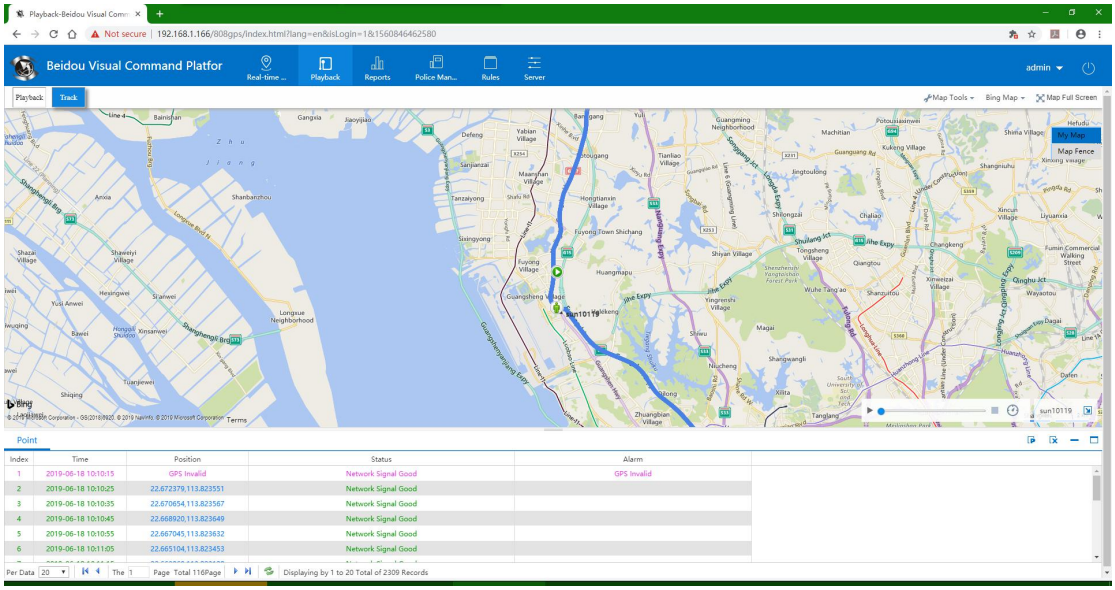
In the alarm report, relevant alarm information and alarm processing can also be found;



2.1.6: Track playback

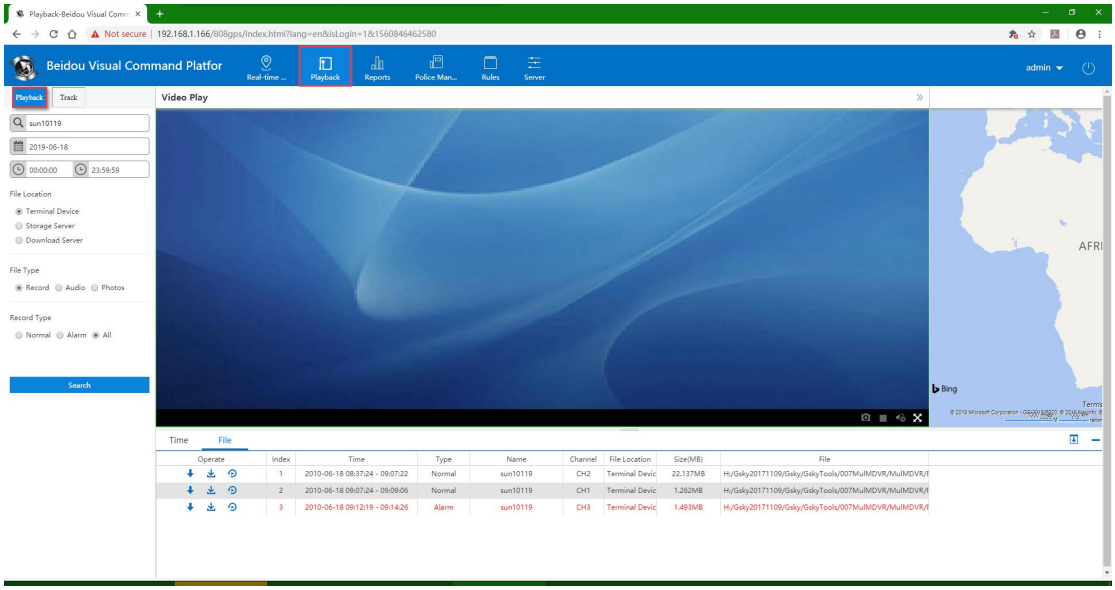
The specified device performs the trajectory search according to the specified conditions and displays the trajectory with blue lines, and displays the position information, the device network status and the alarm information corresponding to the specific time on the information bar;





2.1.7: Video playback

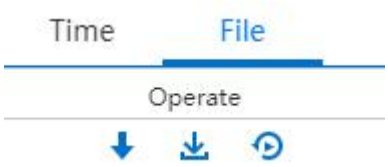
The videos stored on the terminal, the server, and the download server can be played back;



Terminal device: Search for video files in SD card or hard disk;

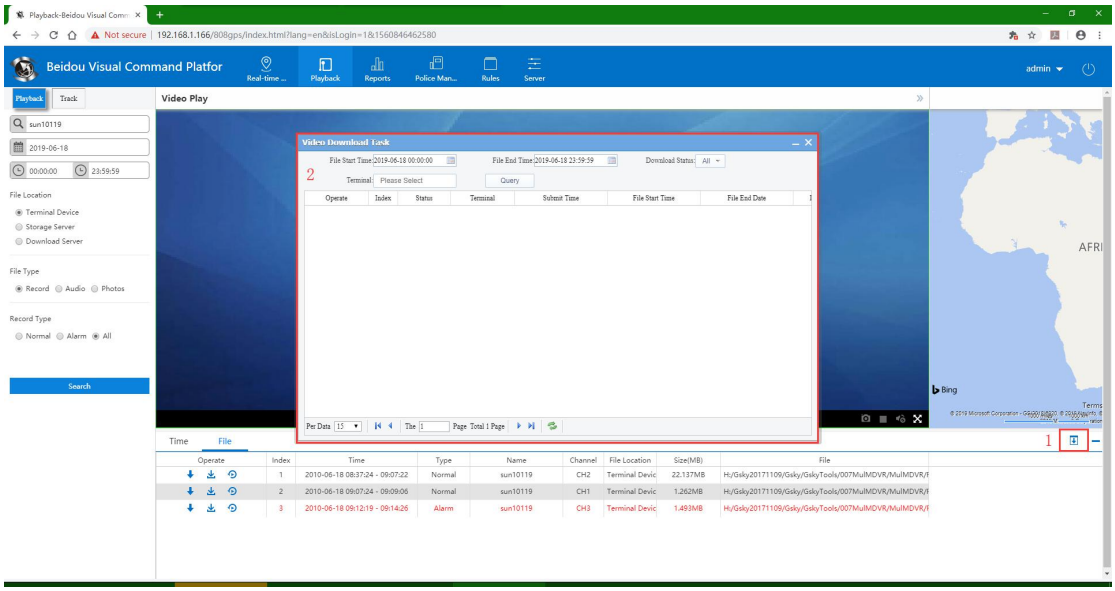
Storage server: The terminal is configured with a storage plan to search for video files that have been recorded on the storage server;

Download server: Search for the video file on the download server (usually the video file uploaded to the server through the wifi download function);



From left to right: download (download the video file directly to the local); segmented Download (download the video file to the storage server); play back (play the searched video file);

View the download status:



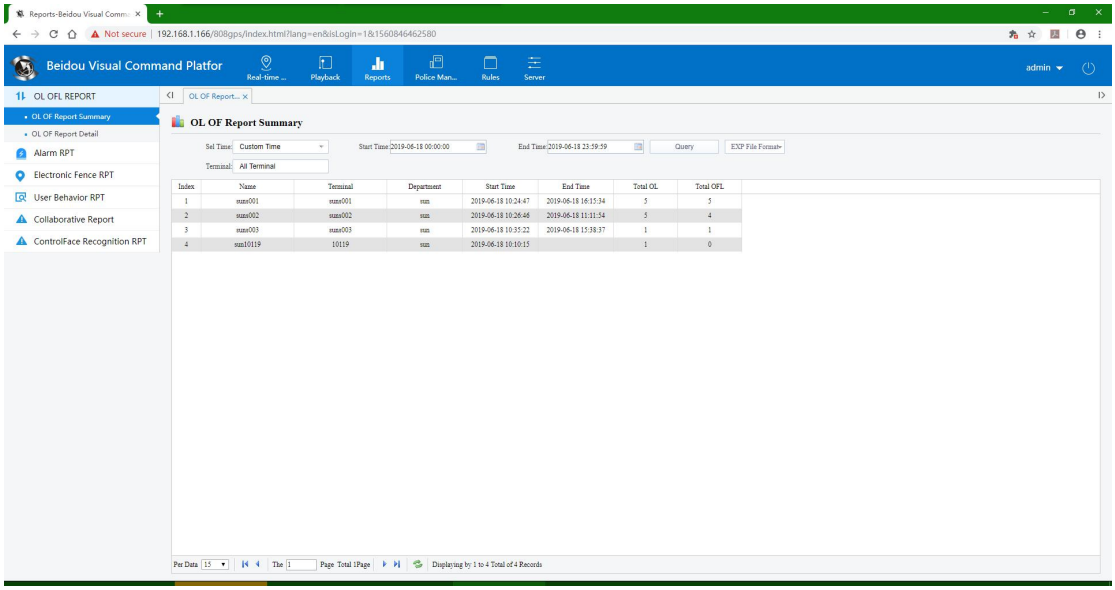
2.2: Statistical report

The report includes the online and offline report, alarm report, electronic fence report, user behavior analysis report, collaborative report, and face control report.

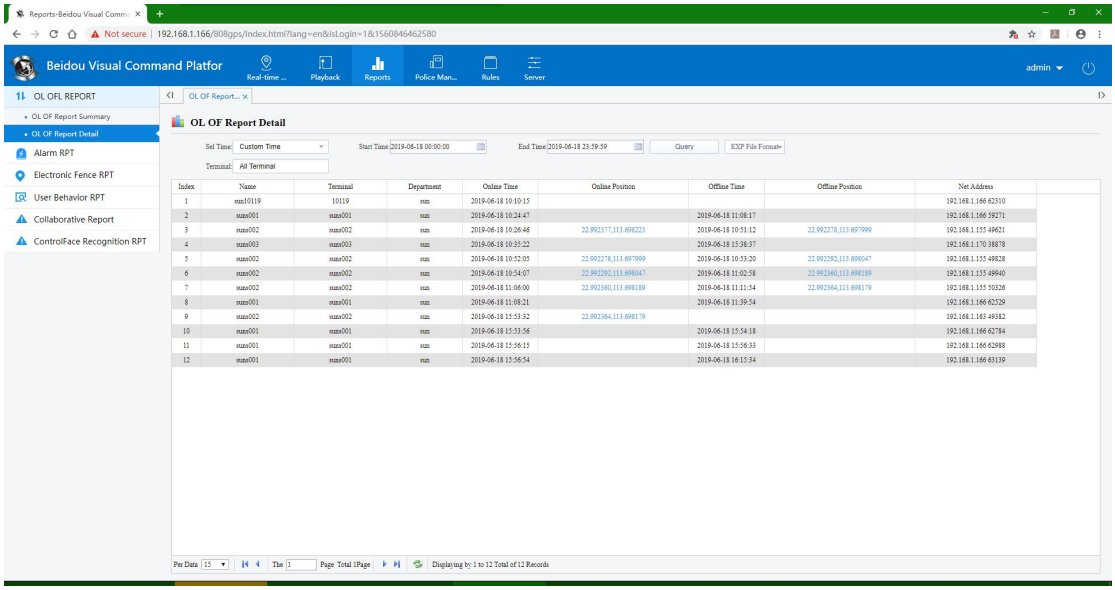
2.2.1: Up-and-down line report

Up-and-down line summary table: Conduct the frequency statistics

of the device or up-and-down dispatching terminal through a custom time

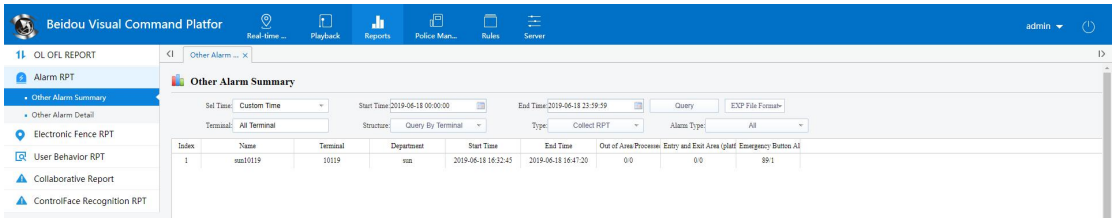


Up-and-down line list: Display the time and location of device or up-and-down dispatching terminal through a custom time

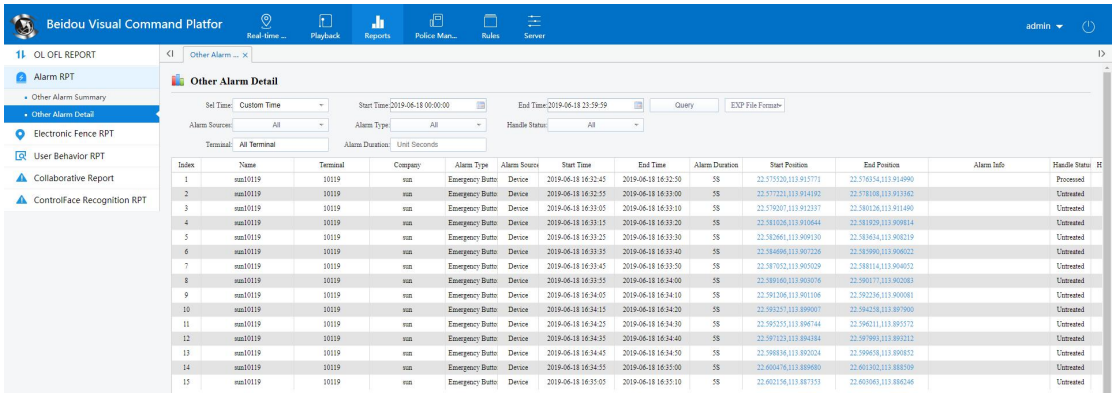


2.2.2: Alarm report

Alarm statistics: Conduct the frequency statistics of the device or dispatch terminal alarm data by custom time, and display the number of manual processing times.

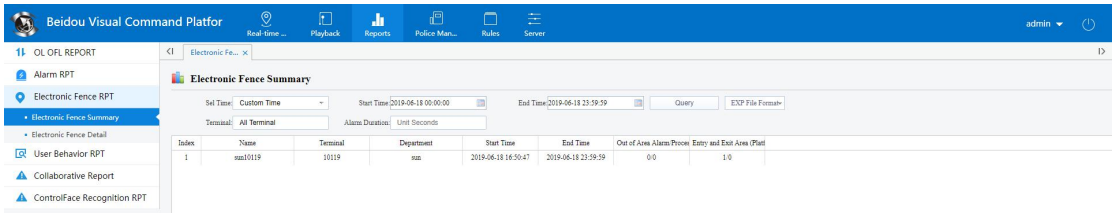


Alarm inquiry: Display the alarm data of the device or dispatch terminal alarm data by custom time. The optional query conditions include the alarm source, the alarm type, whether the alarm is manually processed, the alarm trigger duration, etc.

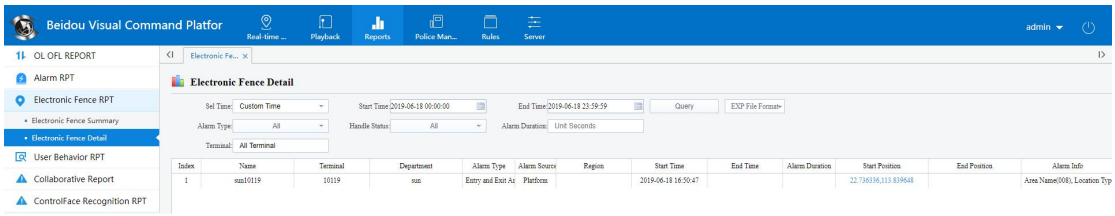


2.2.3: Electronic fence report

Electronic fence statistics: Conduct the frequency statistics of the device or dispatch terminal electronic fence alarm data by custom time, and display the number of manual processing times.



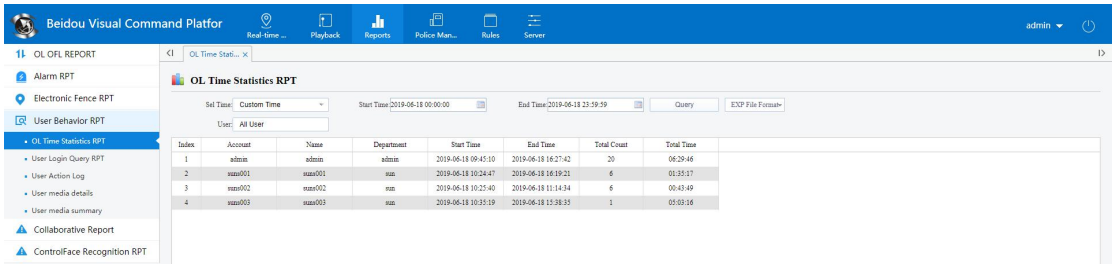
Electronic fence query: Display the electronic fence alarm data of the device or dispatch terminal through a custom time. The optional query conditions include alarm type, whether the alarm is manually processed, the alarm trigger duration, etc.



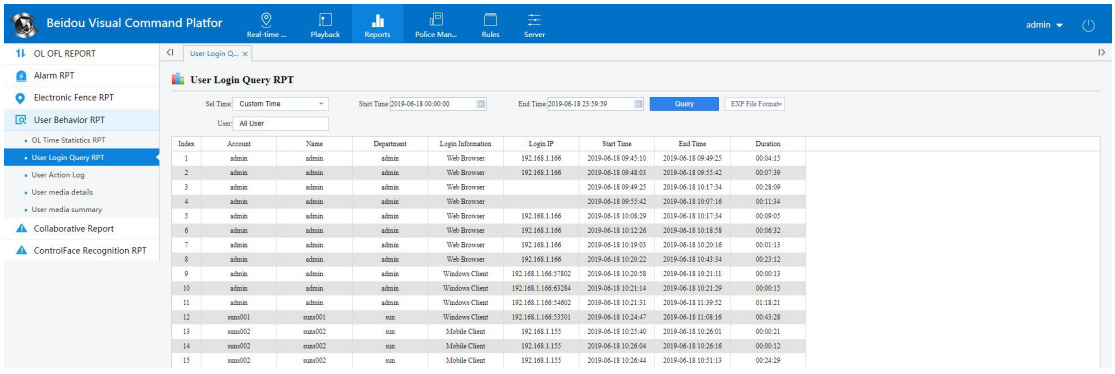
2.2.4: User Behavior Analysis

User behavior analysis is mainly for enterprise user login information, user operation logs, and user media service usage.

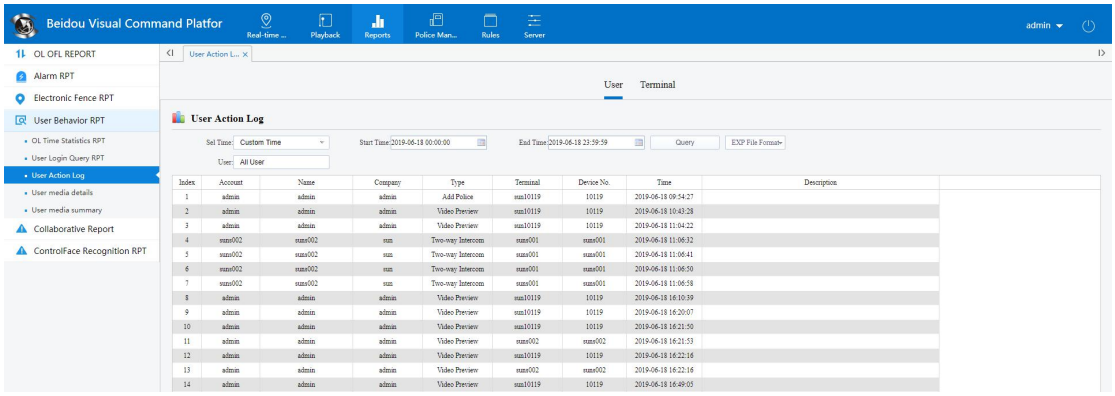
Online time statistics: Query the number of user logins in a custom time and count the cumulative login duration of users.



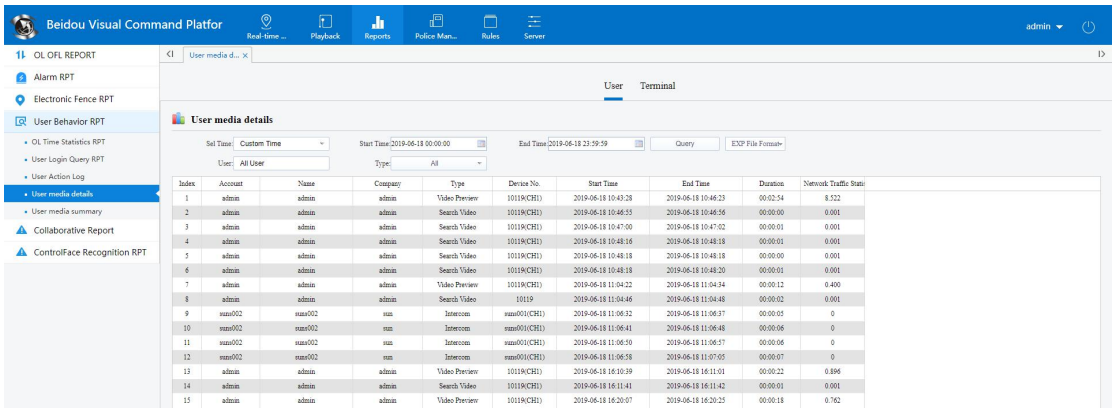
User login details: Query the number of user logins during the custom time, the user login method and duration



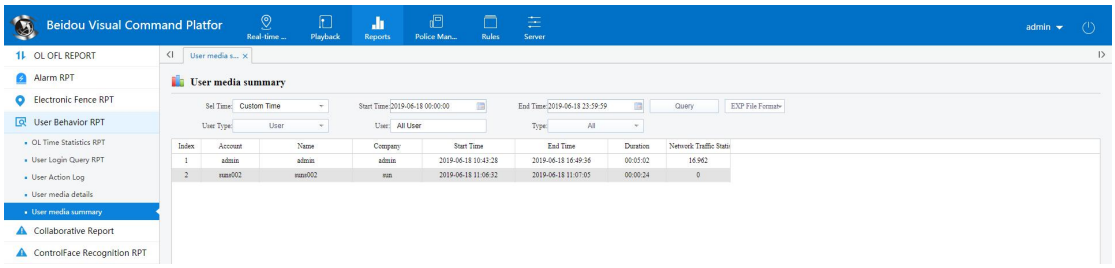
User operation log: Query a series of operations performed after the user logs in to the system within a custom time.



User media details: Query the operation records related to the video service after the user logs in to the system within a custom time.



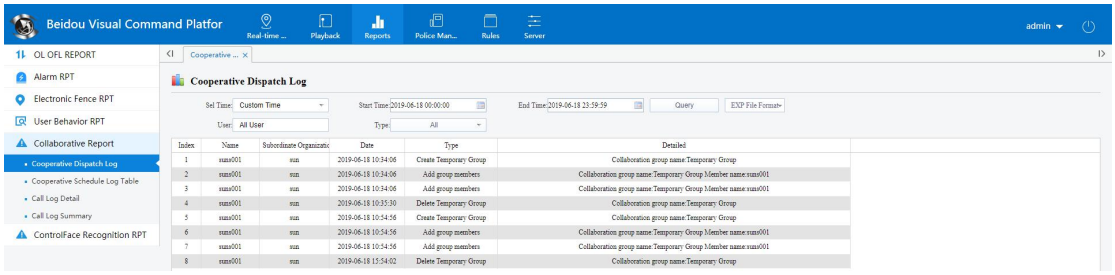
User media summary: Query the number of operation related to video service after the user logs in to the system within a custom time.



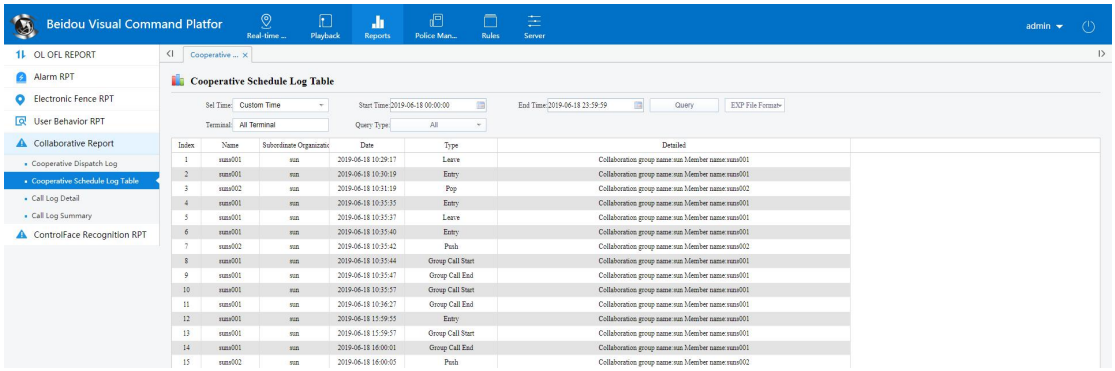
2.2.5: Collaborative Report

Collaborative reports mainly show the scheduling process in the form of reports

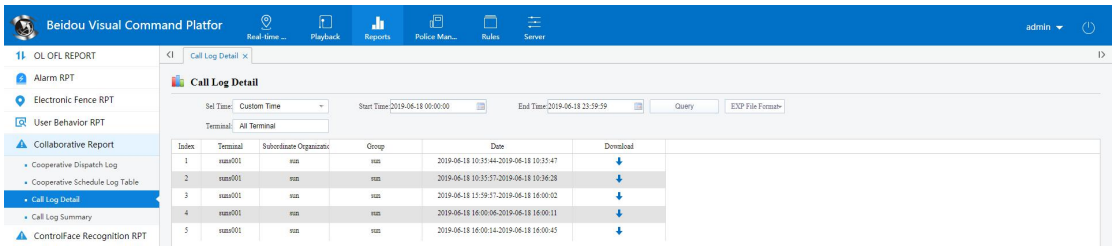
Collaborative scheduling operation log: Query the user-related operation log of the collaboration team during the custom time, including the addition and deletion of the collaboration team and the addition and deletion of the group members.



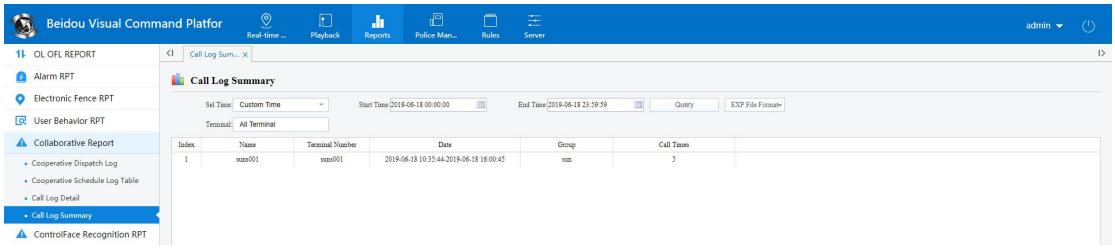
Collaborative scheduling log table: Query the user scheduling operation log within the custom time, including incoming and outgoing cooperative groups, member separation and combination and members' call records



Call record schedule: Query user call records within a custom time which can be downloaded.

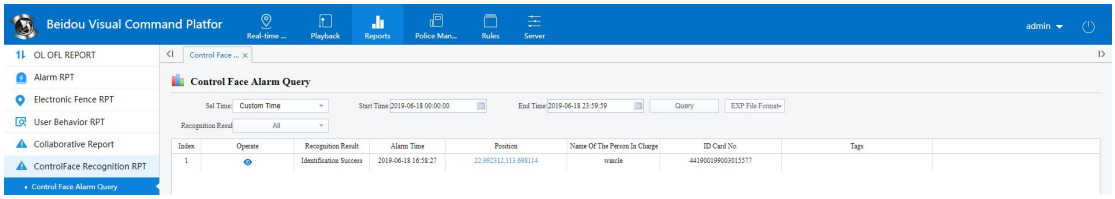


Call record summary table: Query the number of user calls within a custom time



2.2.6: Distribution and control of face recognition report

Distribution and control of face alarm query: Query the result of the face recognition by the dispatch terminal



2.3: Police officer management

Police officer management consists of police officer information, user information, role information, dispatching terminal, organization information, equipment information, collaboration group and distribution and control list.

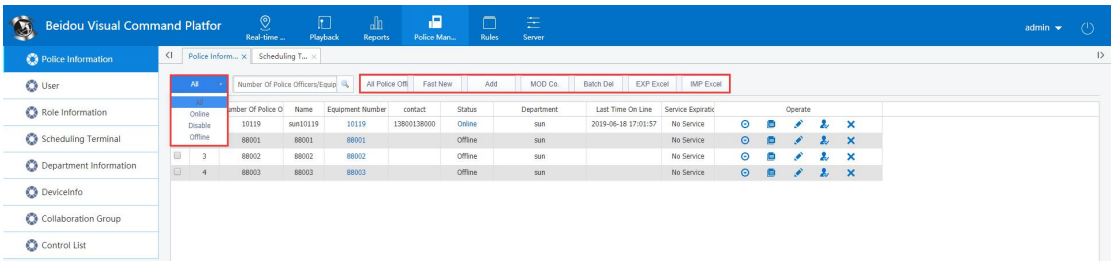
2.3.1: Police officer information

2.3.1.1: Function introduction

The main contents include the addition, deletion, search and editing of police officer information;

Support for quick addition of police equipment (quick addition of single or batch information);

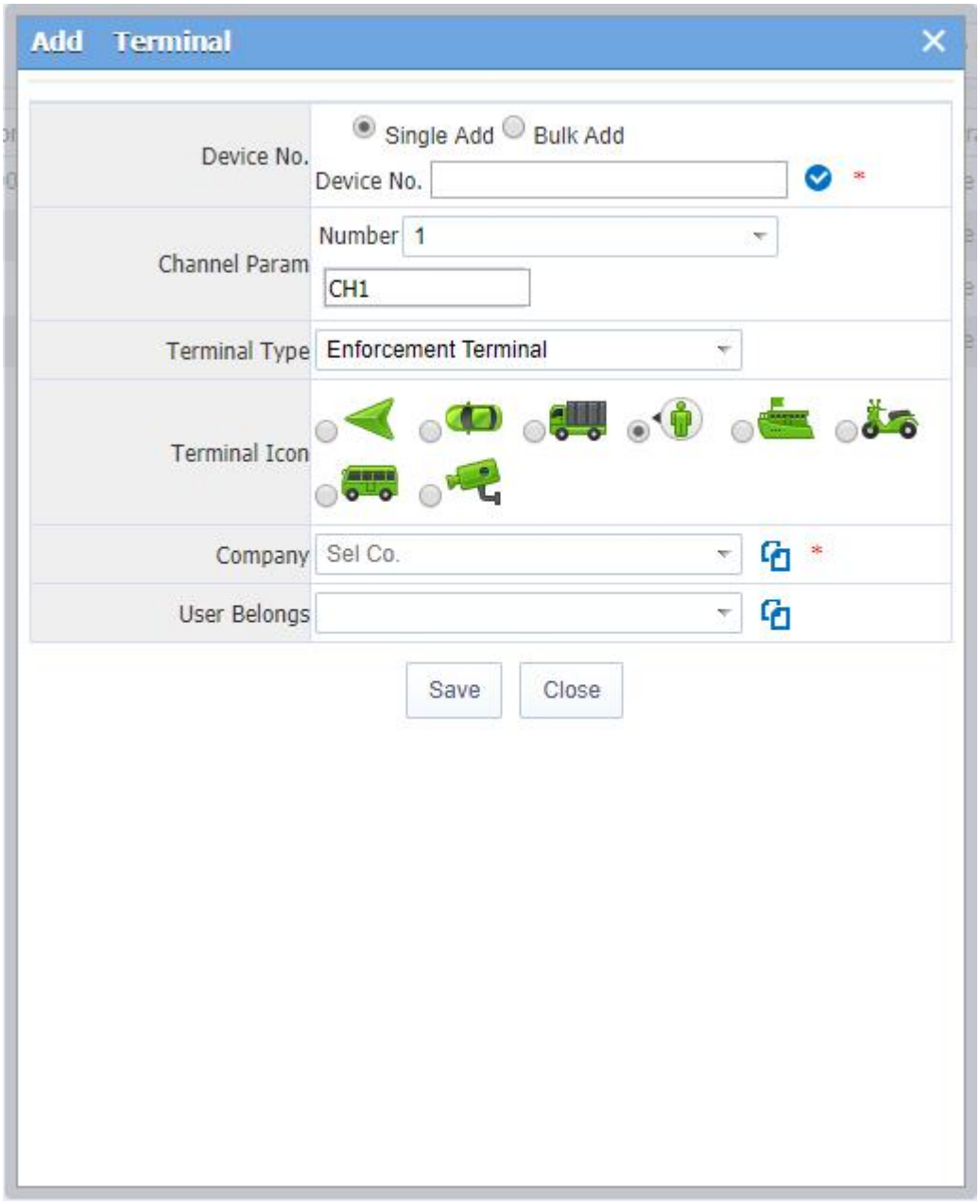
Support Excel import and export;



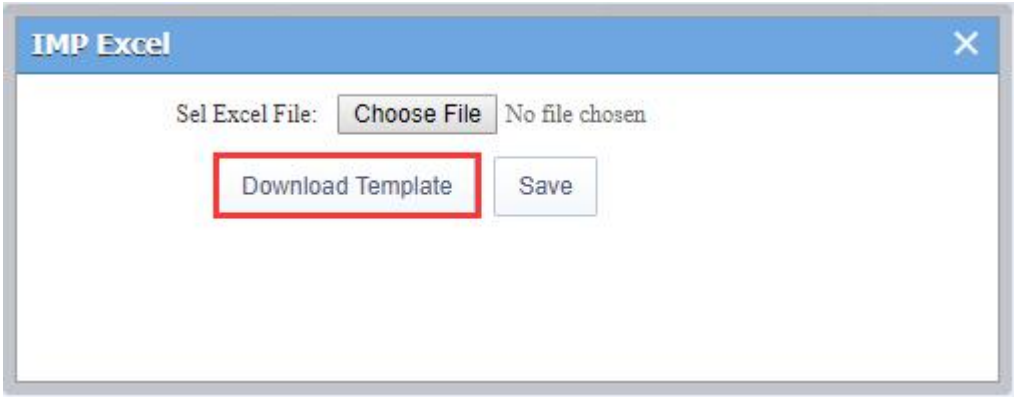
2.3.1.2: How to use

1. Direct addition (enter the police officer number, name, phone number, organization, device number and click to save)

2. Quick addition (enter the device number to select the organization and click to save)



3. Import (download template and edit the information when importing)

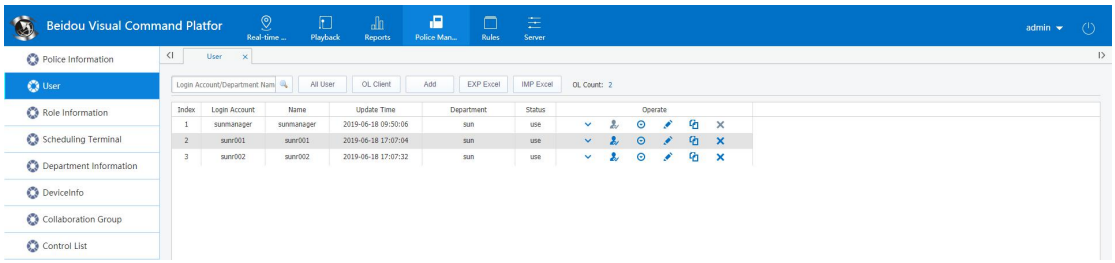


2.3.2: User Information

2.3.2.1: Function introduction

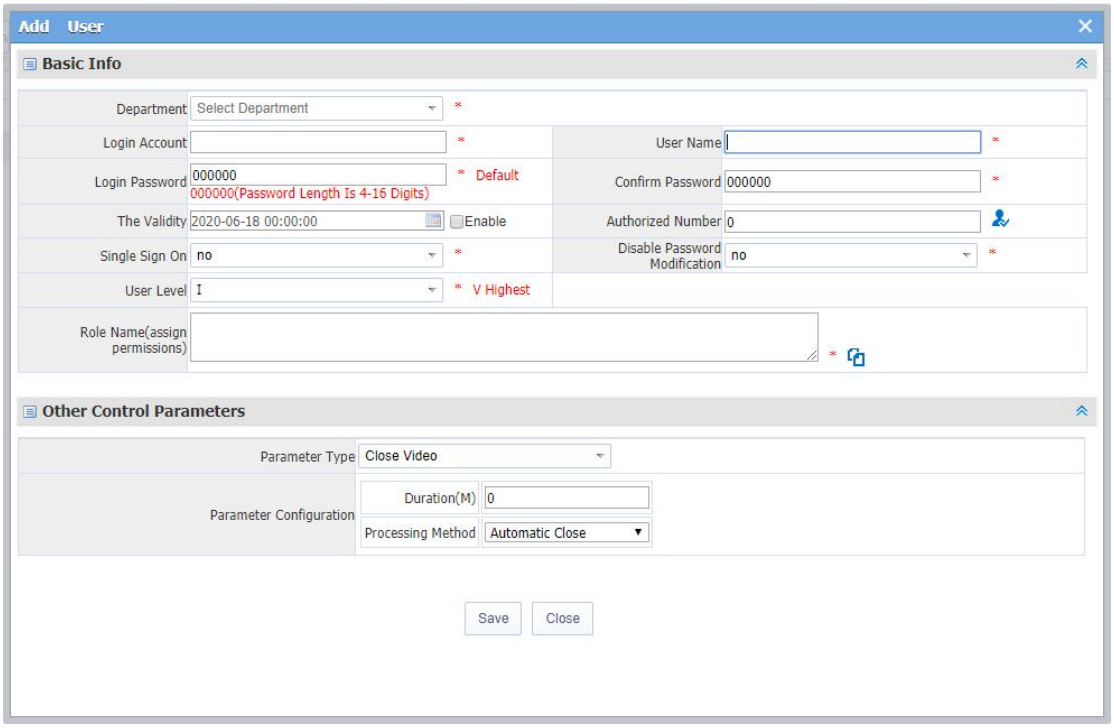
The main contents include the addition, deletion, search and editing of police officer information;

Support Excel export and import;



2.3.2.2: How to use

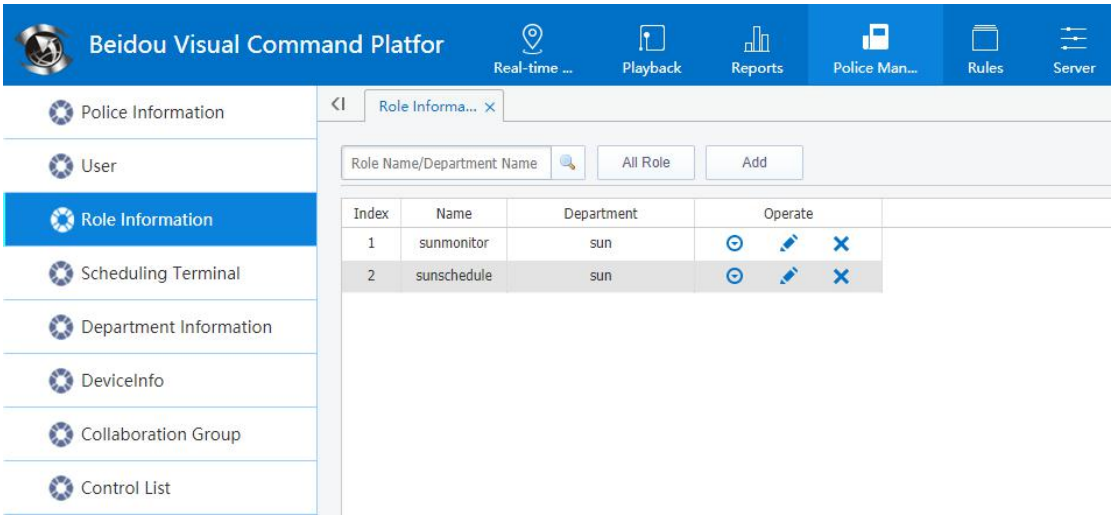
Click "Add" to enter all the required information and assign the role permissions, click "Save", and the account for the enterprise user does not include the scheduling function



2.3.3: Role Information

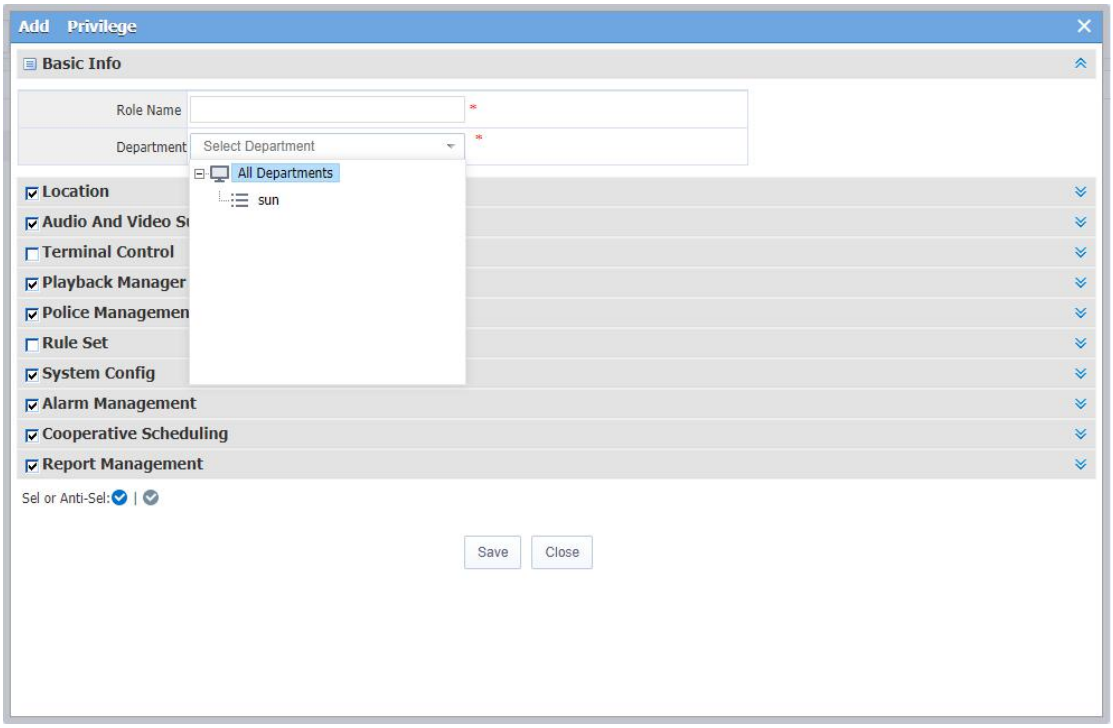
2.3.3.1: Function introduction

The main content includes the addition, deletion, search and editing of police officer information.



2.3.3.2: How to use

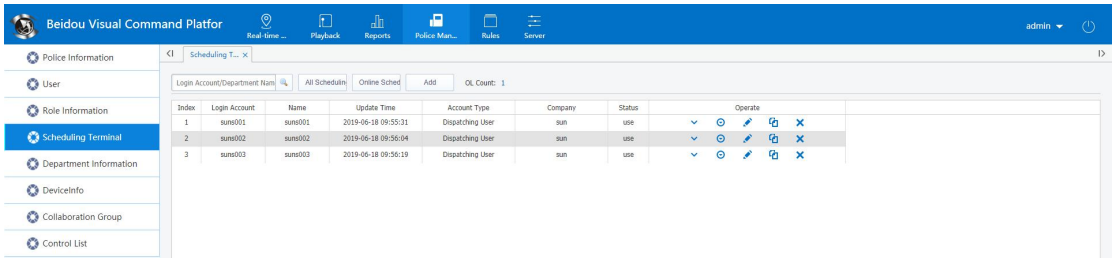
Click "Add" to set the permissions provided to the user or the dispatching terminal, click "Save" and assign to the user or dispatch the terminal.



2.3.4: Dispatch terminal

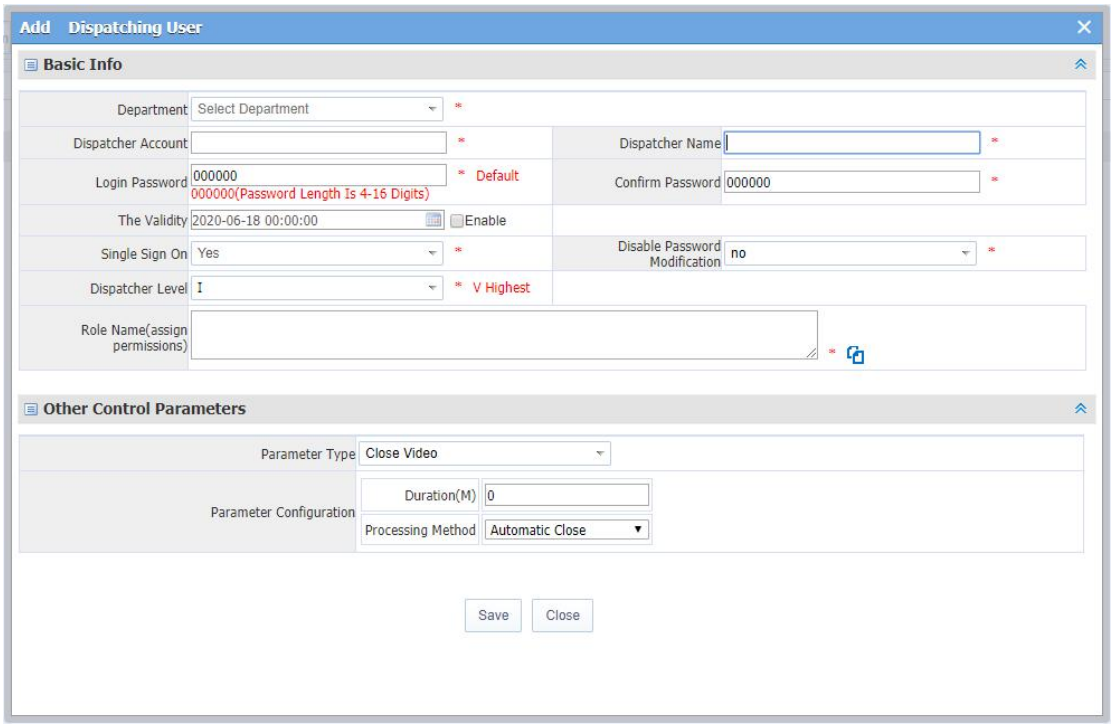
2.3.4.1: Function introduction

The main content includes the addition, deletion, searching and editing of the scheduling terminal.



2.3.4.2: How to use

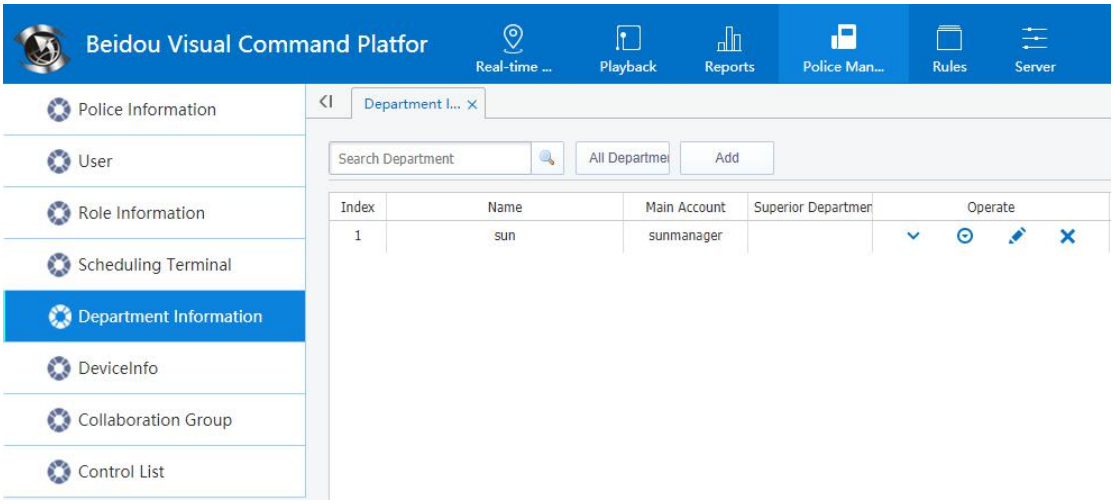
Click "Add" to enter the account information and assign the role permission and click "Save" to take effect. This user is assigned the scheduling function for the scheduling user. (The number of authorized devices occupied by the dispatching terminal will be displayed and not editable in the device information)



2.3.5: Department information

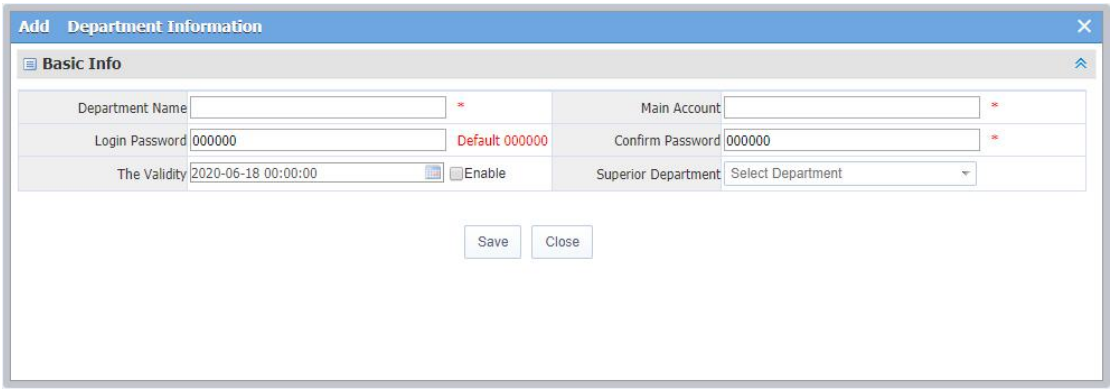
2.3.5.1: Function introduction

The main content includes the addition, deletion, search and editing of department information.



2.3.5.2: How to use

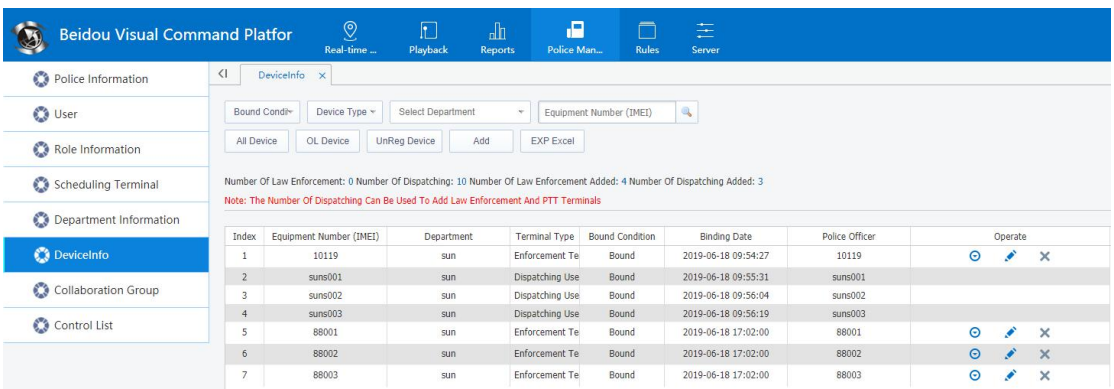
Click "Add" to enter the department name and account information, and click "Save". The user added when adding the department is the enterprise administrator account, which by default has the highest privileges and is not editable.



2.3.6: Device Information

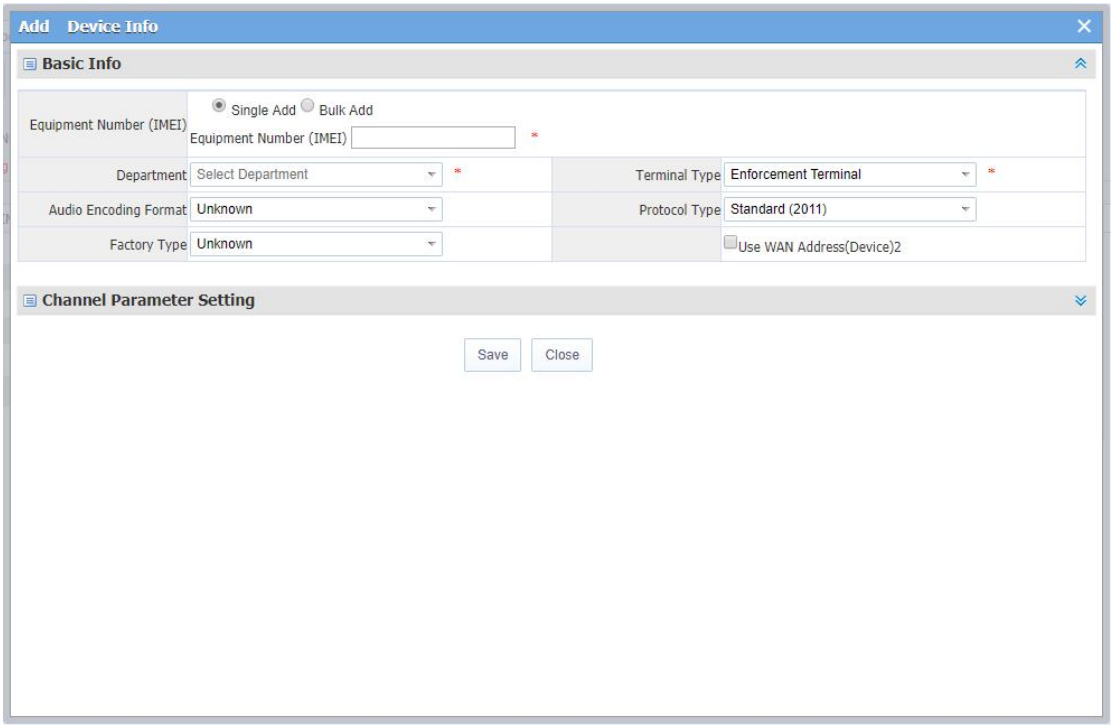
2.3.6.1: Function introduction

The main content includes the addition, deletion, searching and editing of device information.



2.3.6.2: How to use

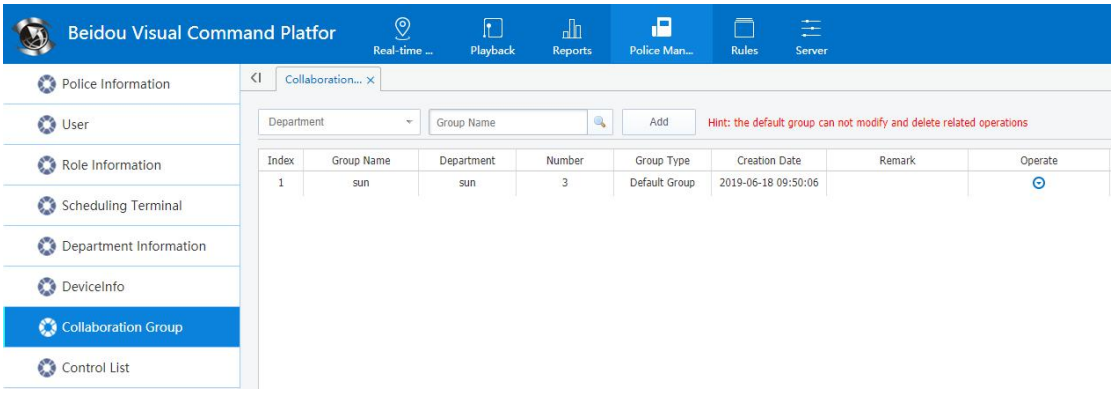
Click "Add" to enter the device number and the department, and click "Save". Batch addition is realizable.



2.3.7: Collaboration team

2.3.7.1: Functional introduction

The main contents include the addition, deletion, search and editing of collaboration team



2.3.7.2: How to use

1. When organizational structure is added, an uneditable collaboration team named after the organization name will be added by default. Police equipment and dispatching terminals under the organization will be added to the collaboration team by default.

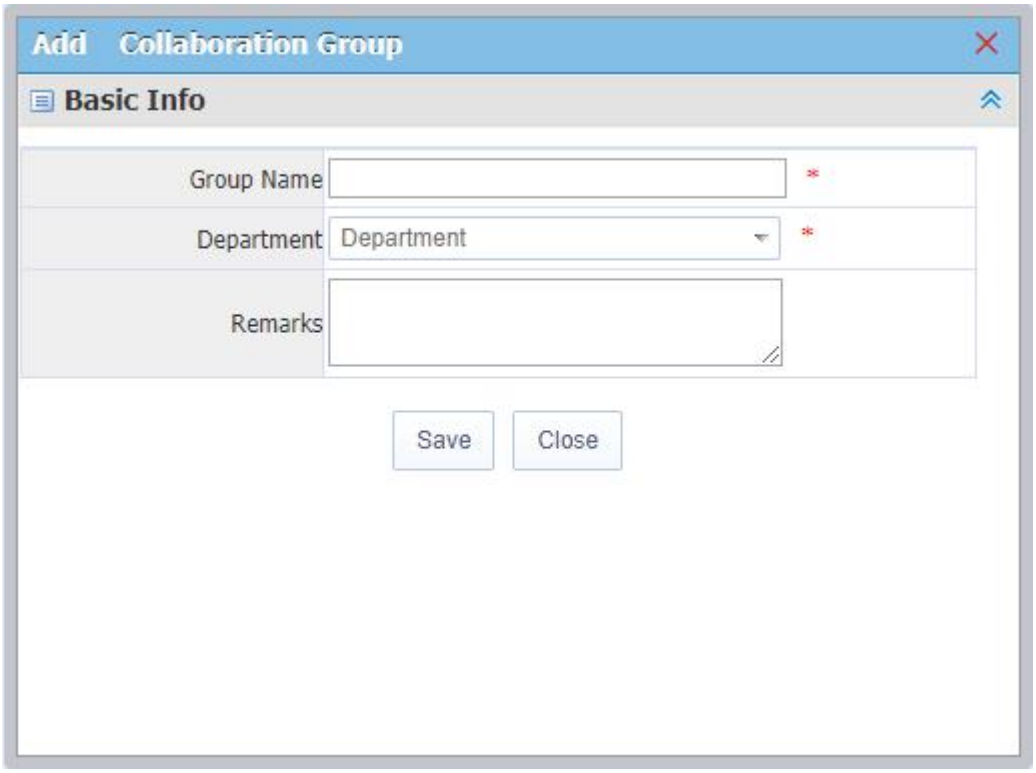
2. The new members need to be added to the new groups. All the police equipment and dispatching terminals visible on the account can be selected by fault. When adding a

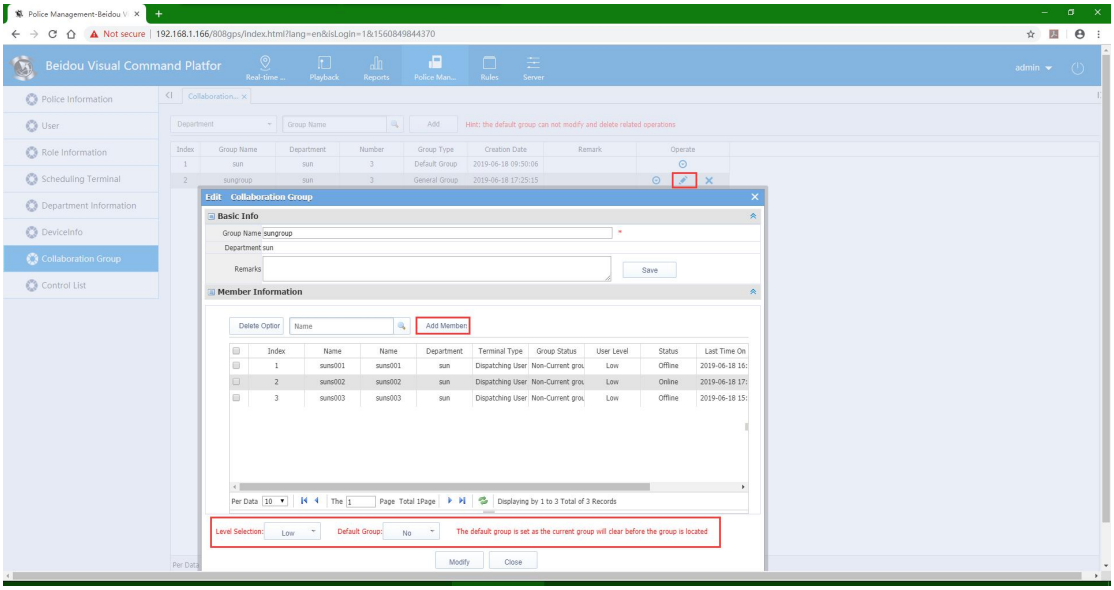
member, it is necessary to set whether the member needs to set the collaboration team as the default group, and to set the level of the member within the group.

3. When members within the group compete for resources, high-level users have the priority to speak.

4.Members can only speak within their default-level collaboration team, and only those who set the collaboration group as the default level can hear session messages.

5. The dispatching terminal can create a temporary cooperative group to achieve single call. When there is only one member in the temporary group, the temporary group will be revoked.





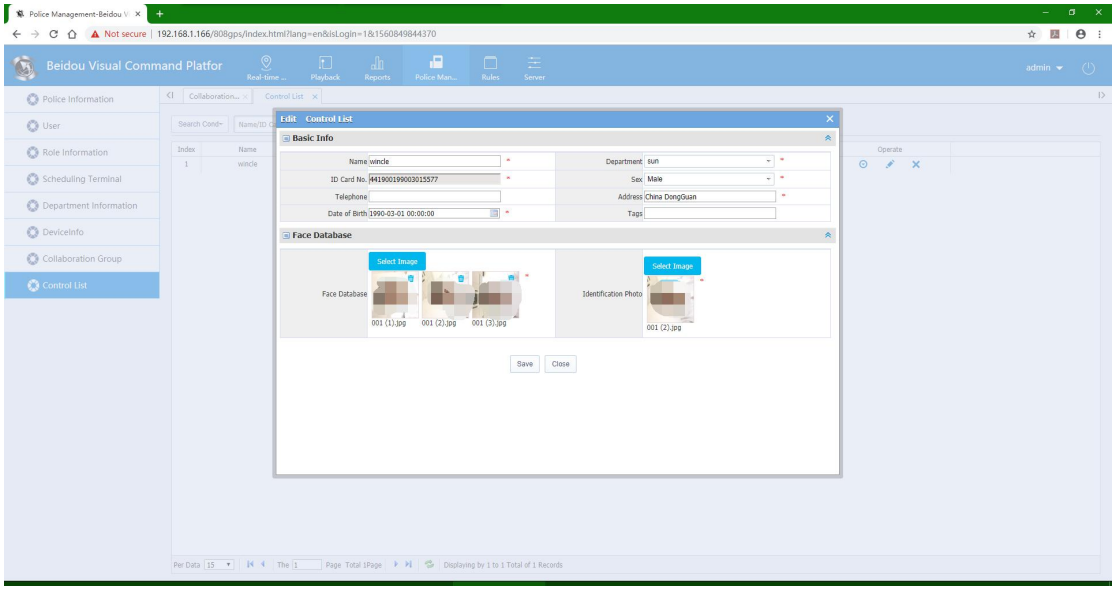
2.3.8: Distribution and control list

2.3.8.1: Functional introduction

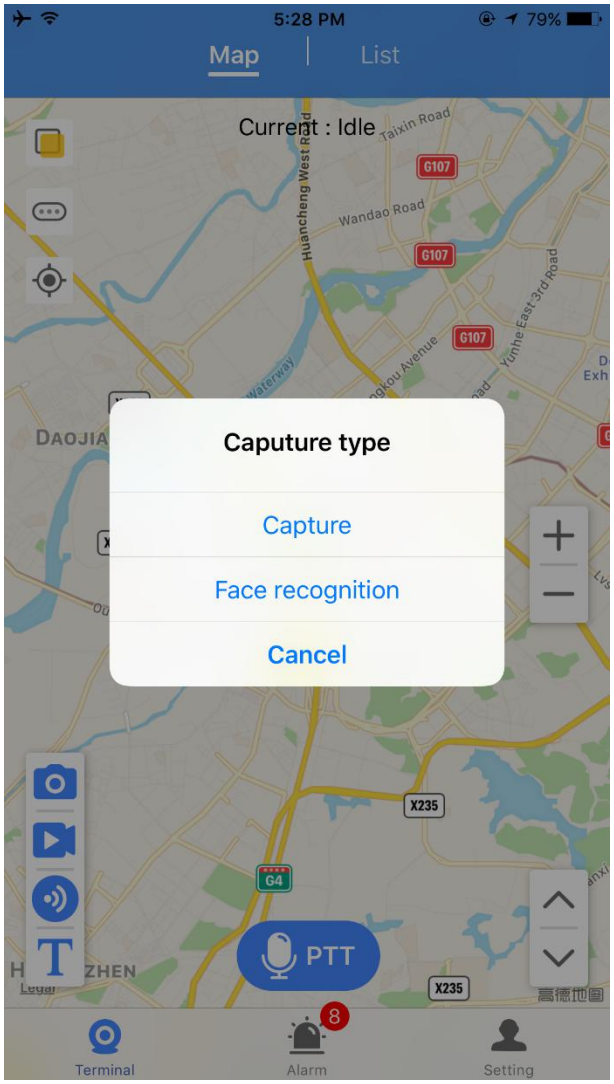
Face recognition distribution and control is based on the core algorithm of face recognition. By collecting photos from terminals and transferring them to servers in places with dense personnel and key personnel control, the system compares with the inputted face image database. After successful comparison, the suspects are locked quickly, assisted by manual research and judgment, and the early warning information will be sent to the management and control system and handled by the relevant personnel.

2.3.8.2: How to use

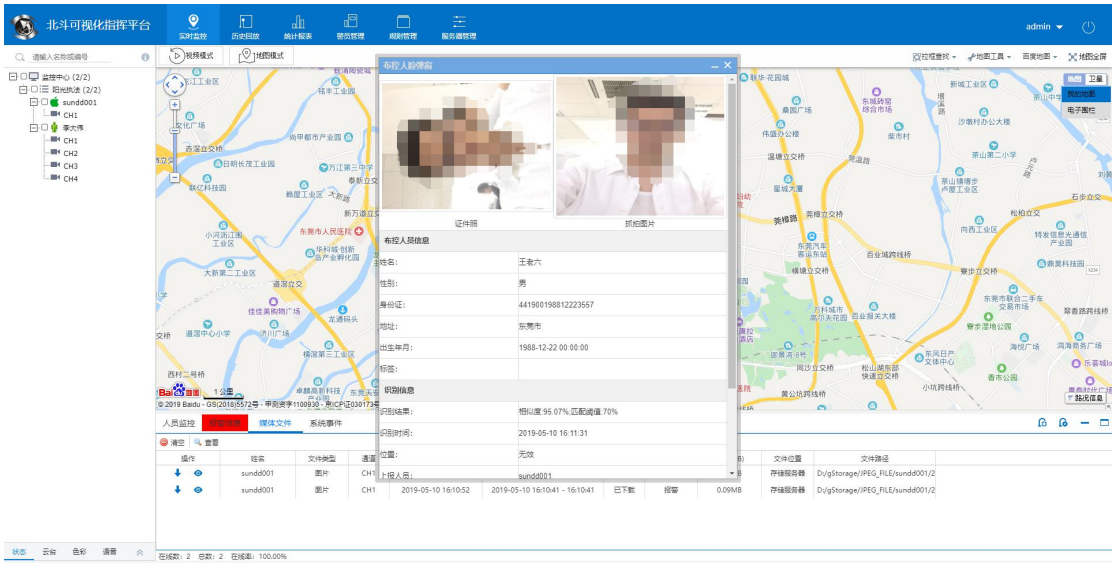
1. Add distribution and control list;

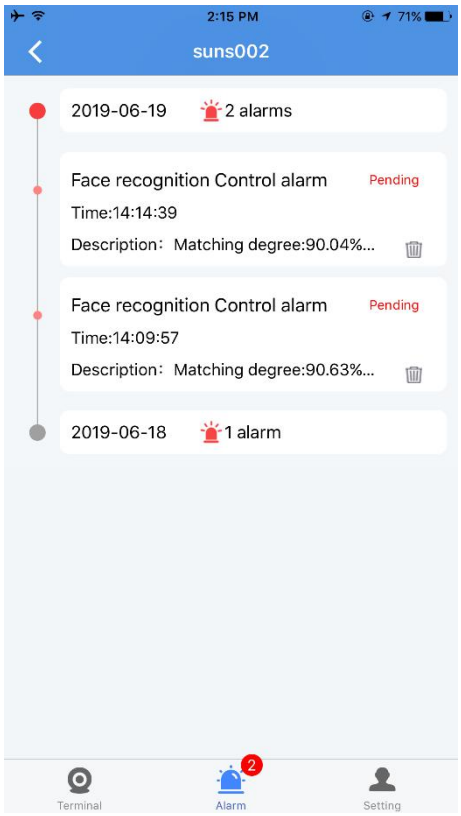


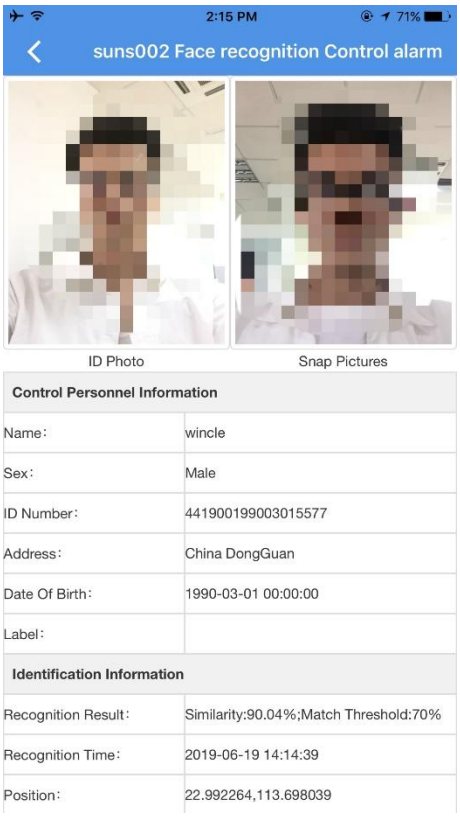
2. Dispatch terminal distribution and control photography;



3. Recognition and processing of face database; (PopupWindow, alarm)



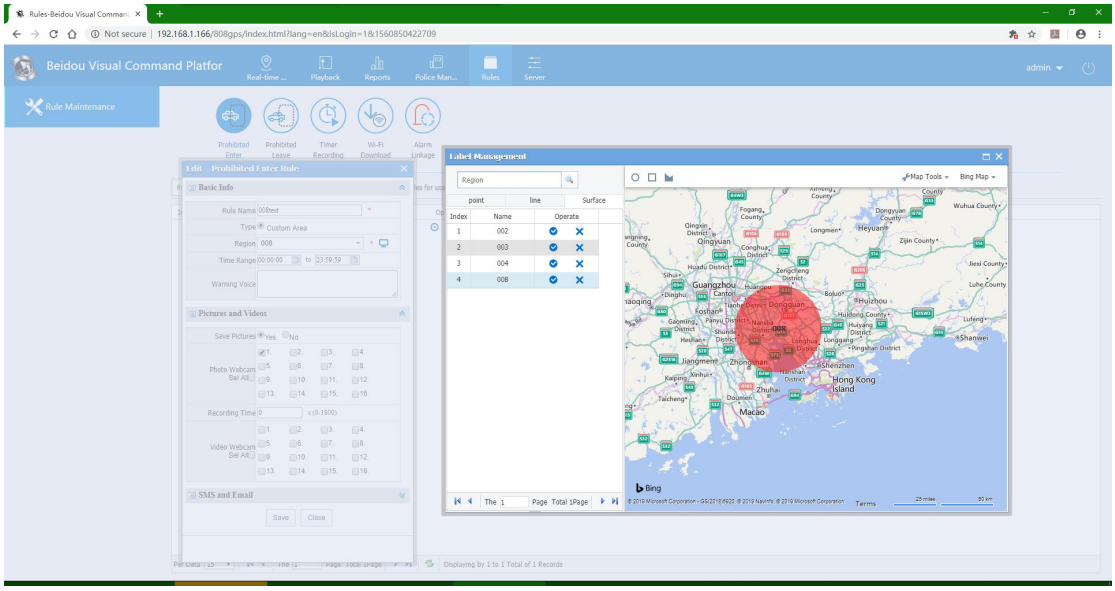


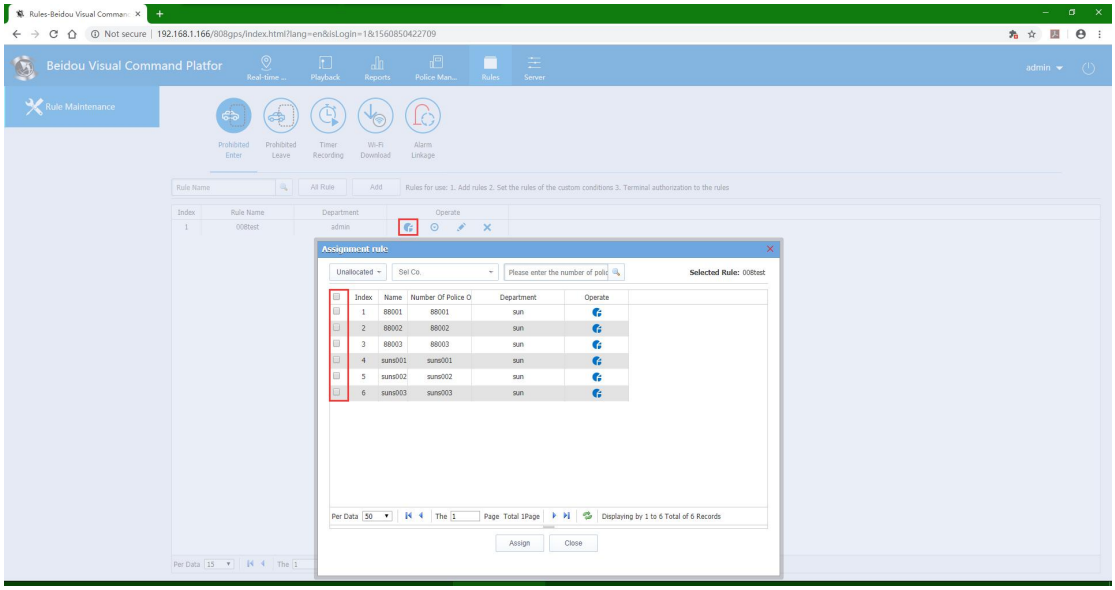


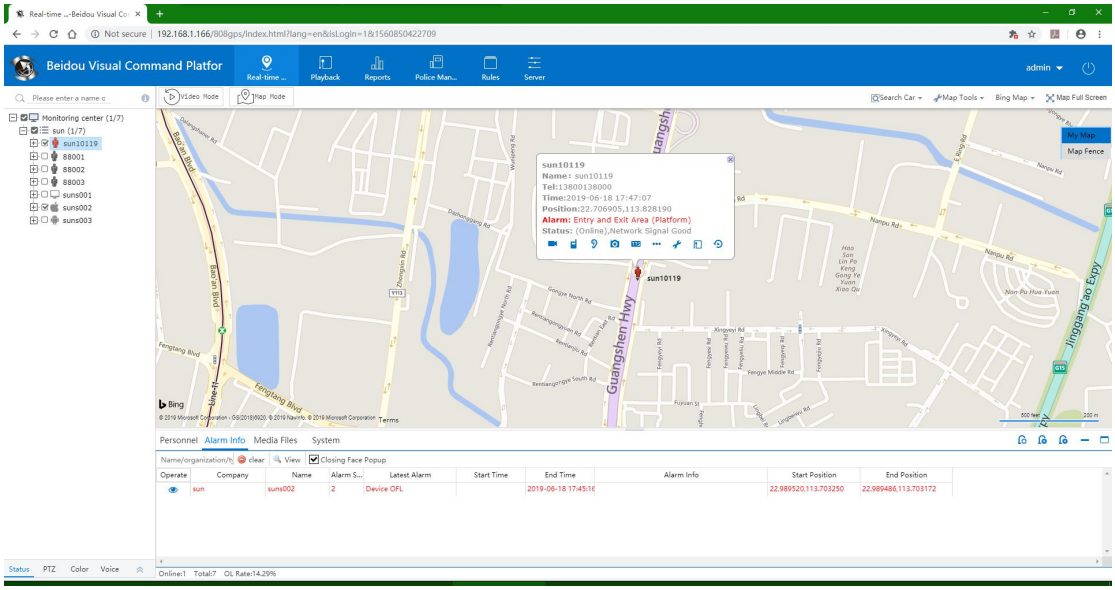
2.4: Rule Management

2.4.1: Forbidden Entry/Exit (Electronic Fence)

Designate an area on the platform and assign it to the corresponding terminal; when the terminal enters or leaves the designated area, the platform will generate an alarm to remind the administrator of the platform;



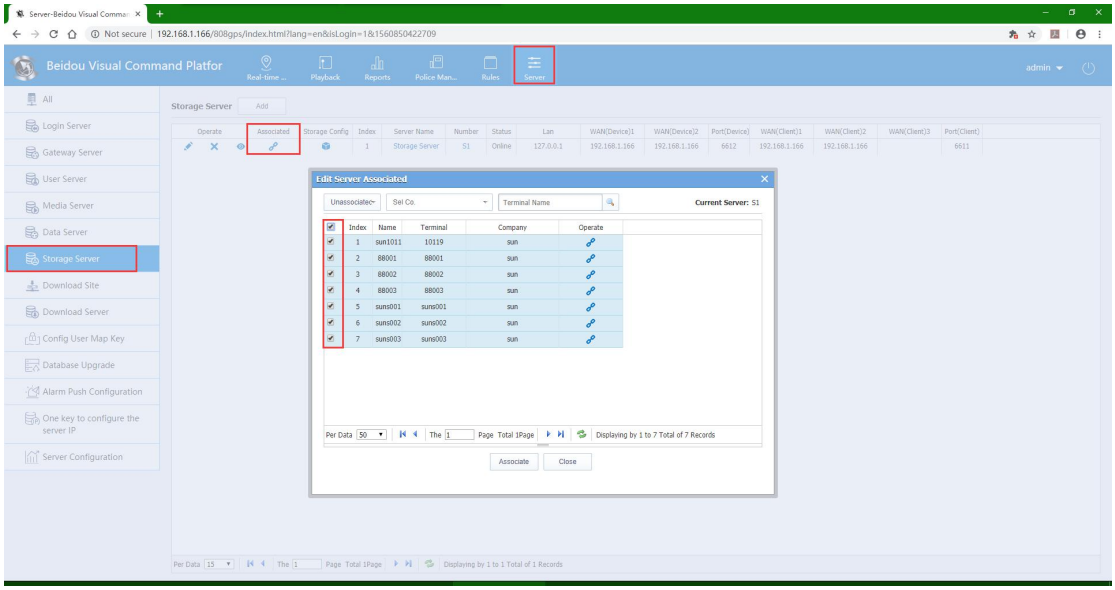




2.4.2: Timing Video

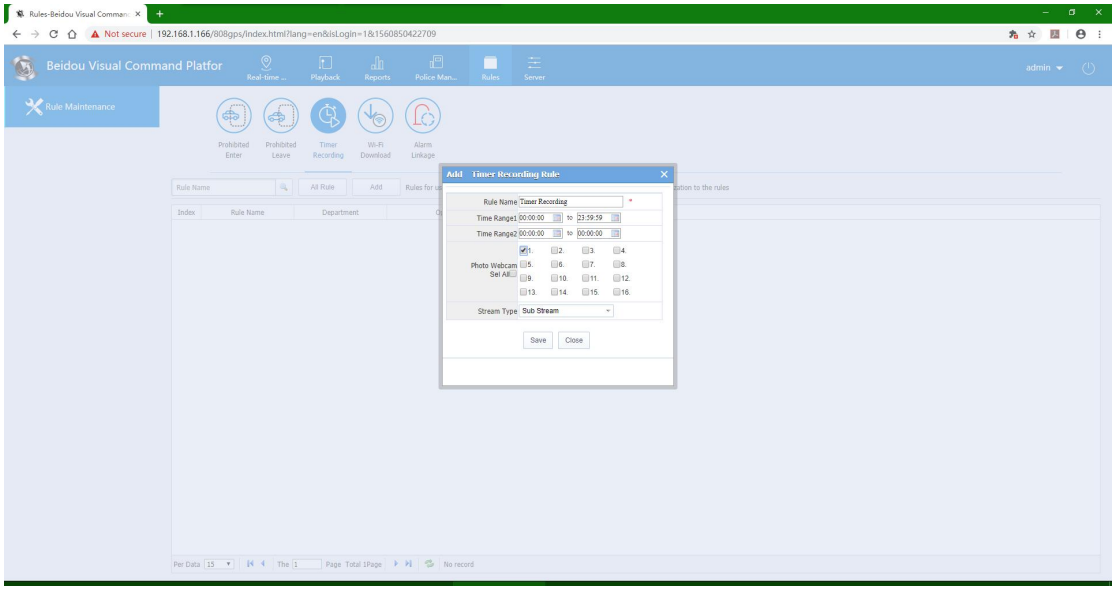
The server videotapes online devices that associate rules over time (add rules and assign them to devices, which need to store associations)

Step 1: Set up the Storage Server Association (Enter Server Management -> Select the Storage Server -> Click Storage Association -> Check the device to be associated ->Click the connection icon behind the device or check the device to click Association)

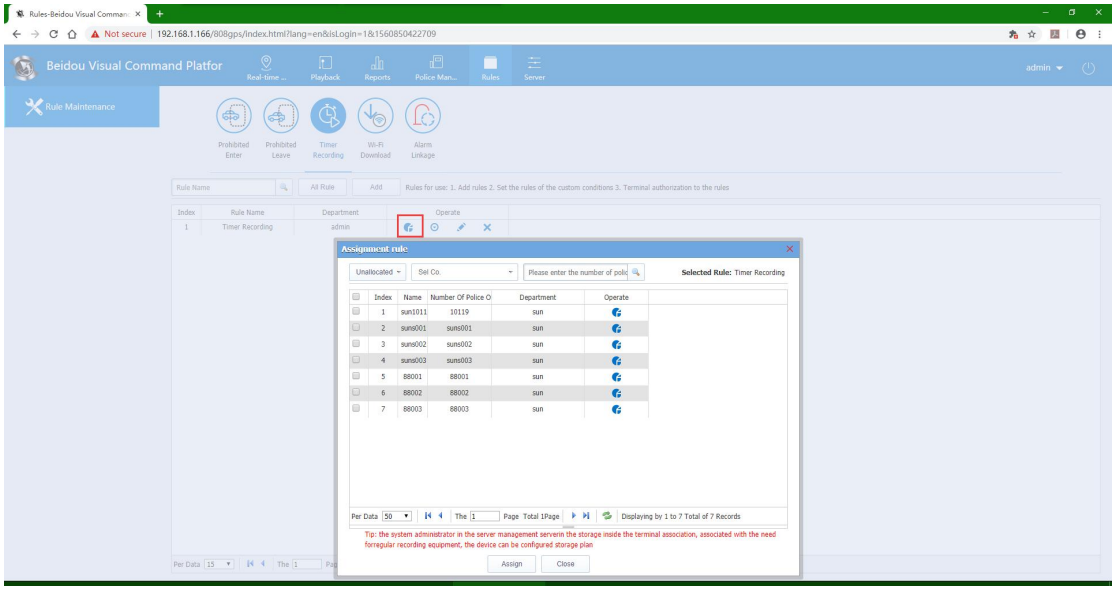


Step 2: Add Timing Video Rules

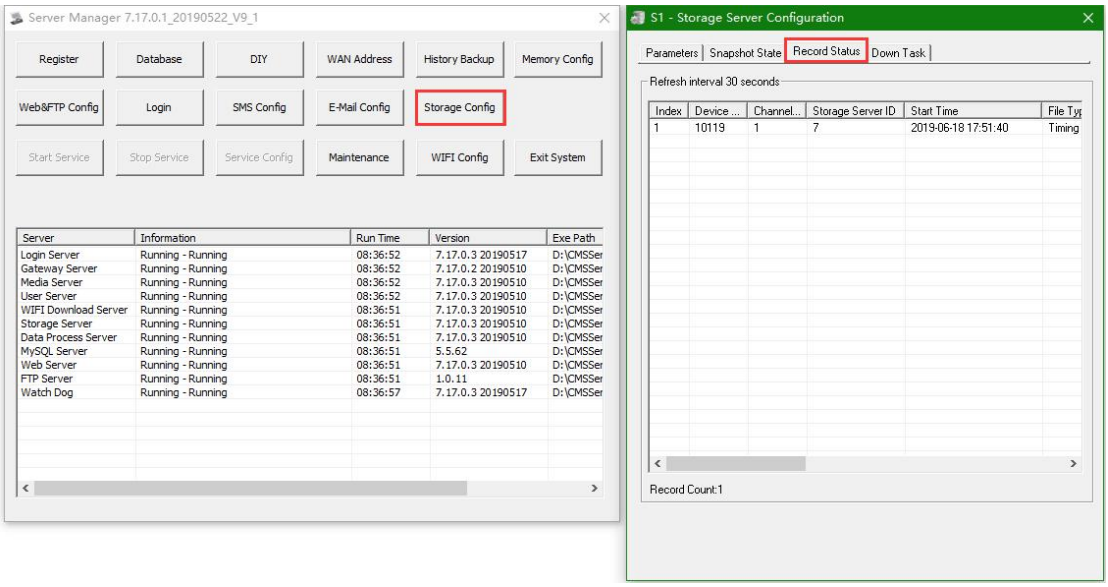
Click "Add" to enter the rule name and the effective time, select the video channel and save it.



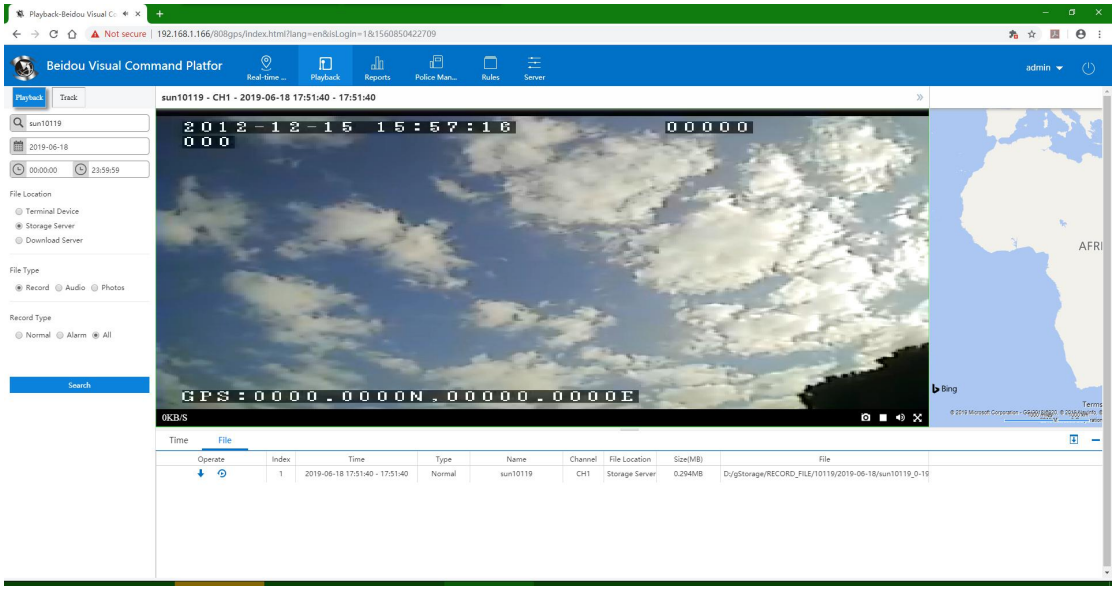
Step 3: Assign rules to the corresponding device



Step 4: View the video status (the size of the video file refers to the sectional length of the storage server configuration)



Step 5: You can search and play back the video by the client video playback or Web client video playback function.



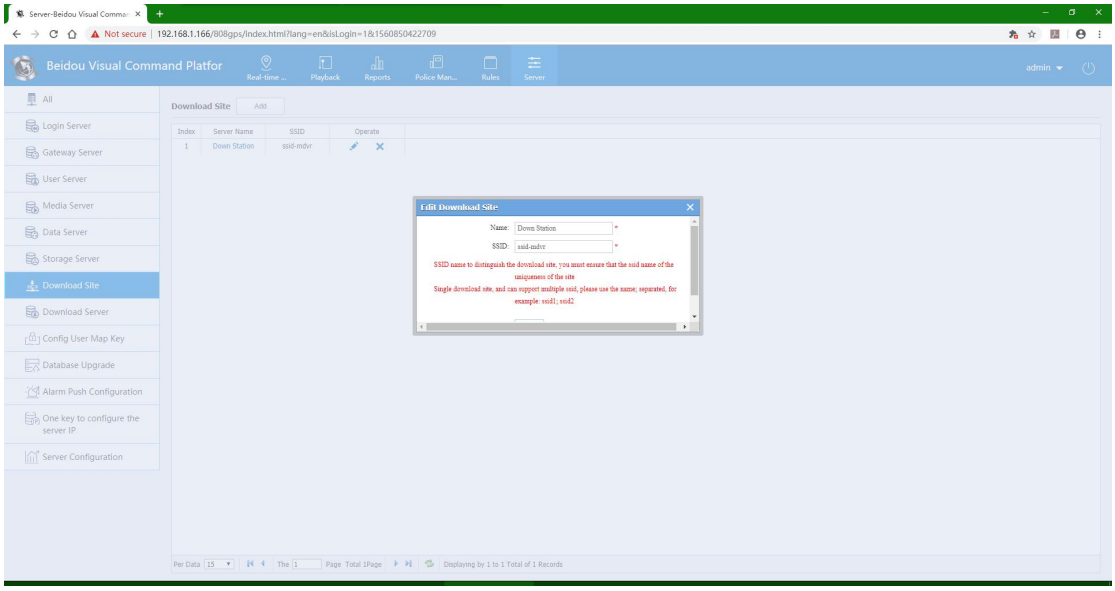
2.4.3: WiFi download

When the device enters the specified environment and connects to WIFI, the video on the device will be backed up to the download server.

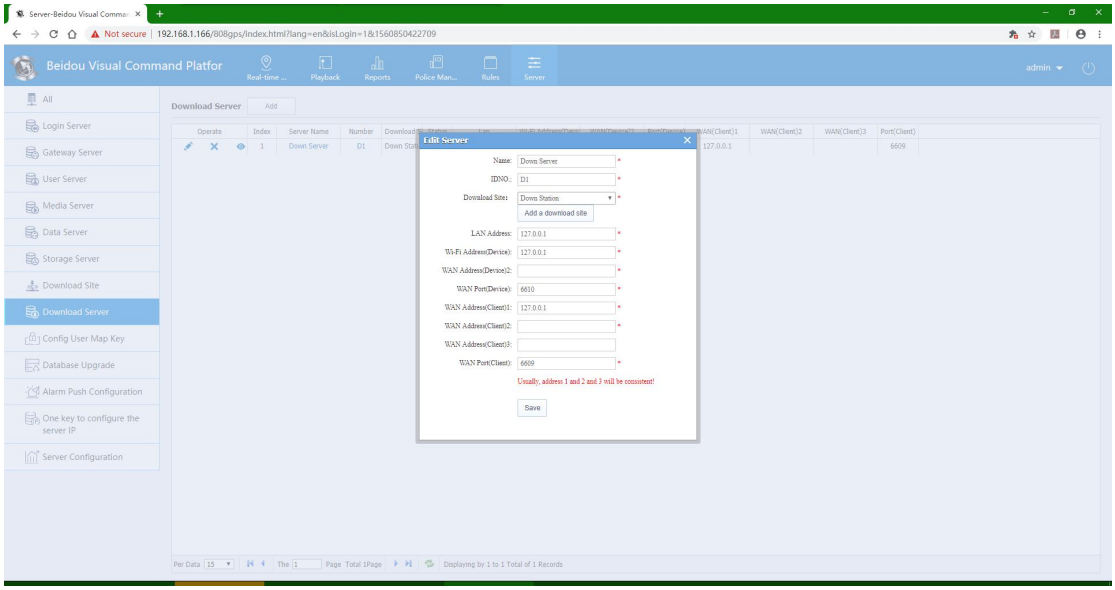
Step 1: Add site information (enter server management -> click on download site -> click "Add")

Note: The WiFi environment and the public network environment must be under the same LAN.

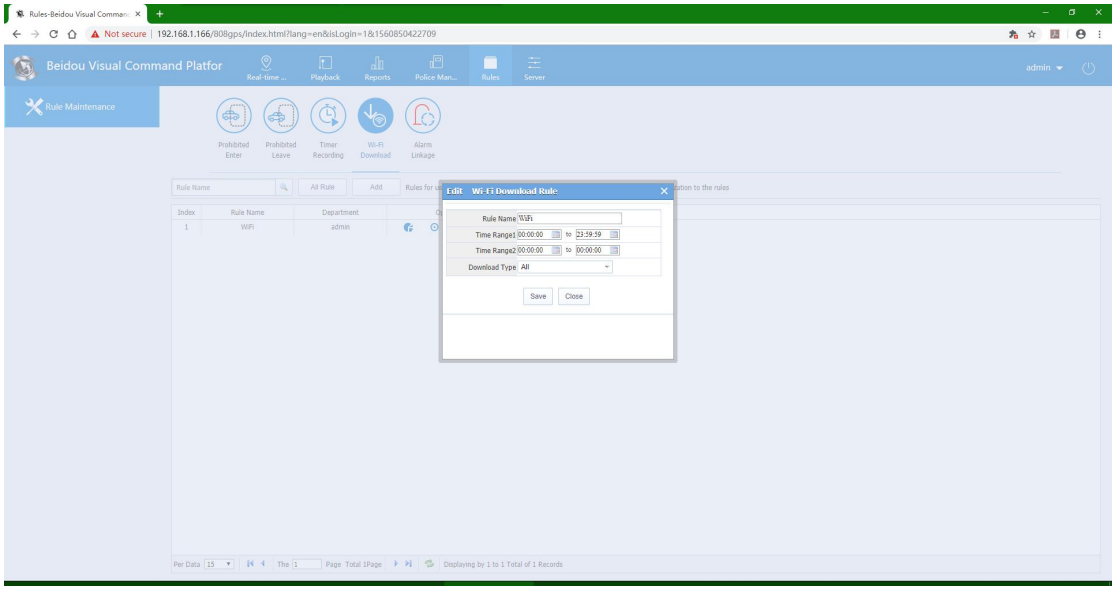
SSID can add multiple user segmentation

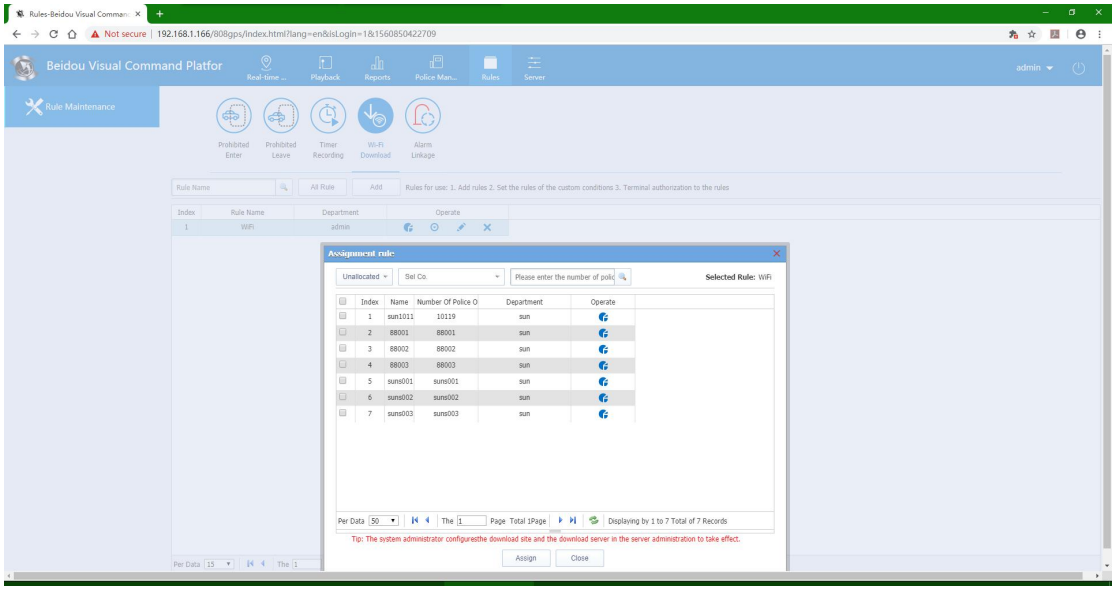


Step 2: Add the WIFI download server information, and the site associated with the download server needs to be the same as the WiFi connected to the device.

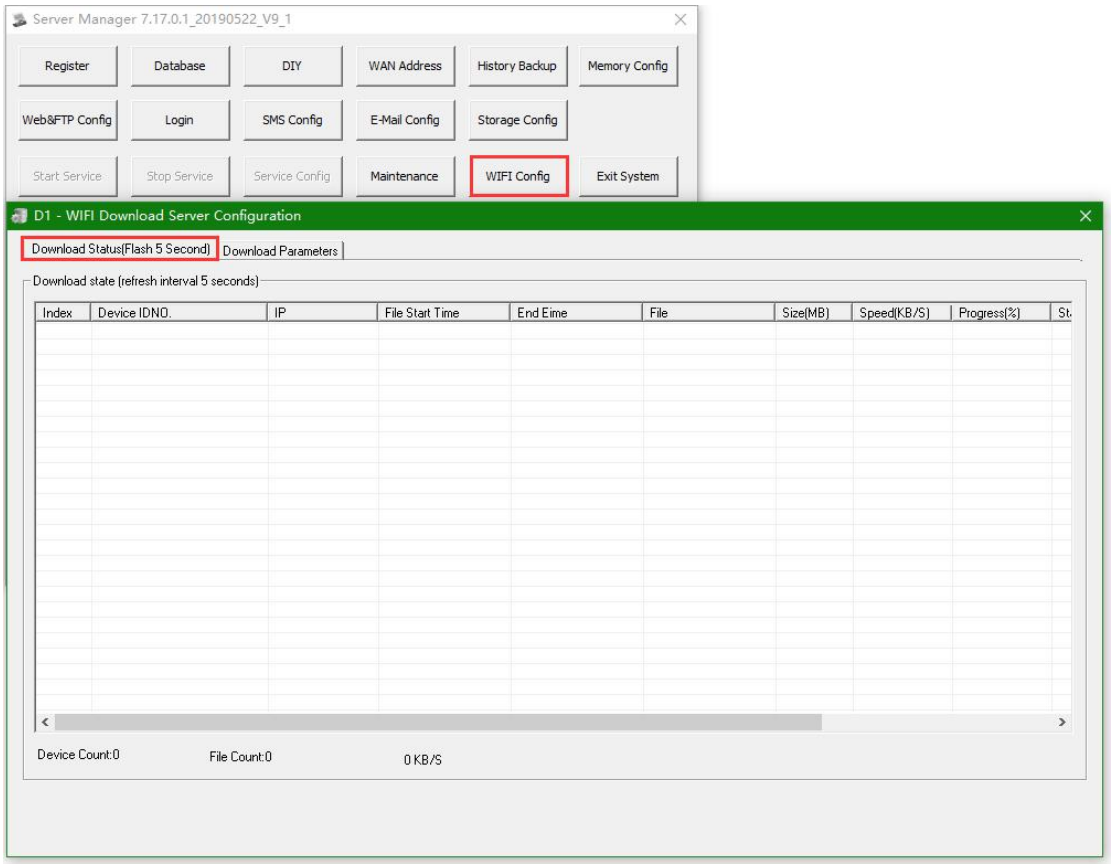


Step 3: Add the WIFI download rules (when the device is connected to the SSID associated with the site within the set time range, the device will trigger the WiFi download rule, and the server will download the type file of the download type setting to the download server)





Step 4: Check the download status in the WiFi download configuration.



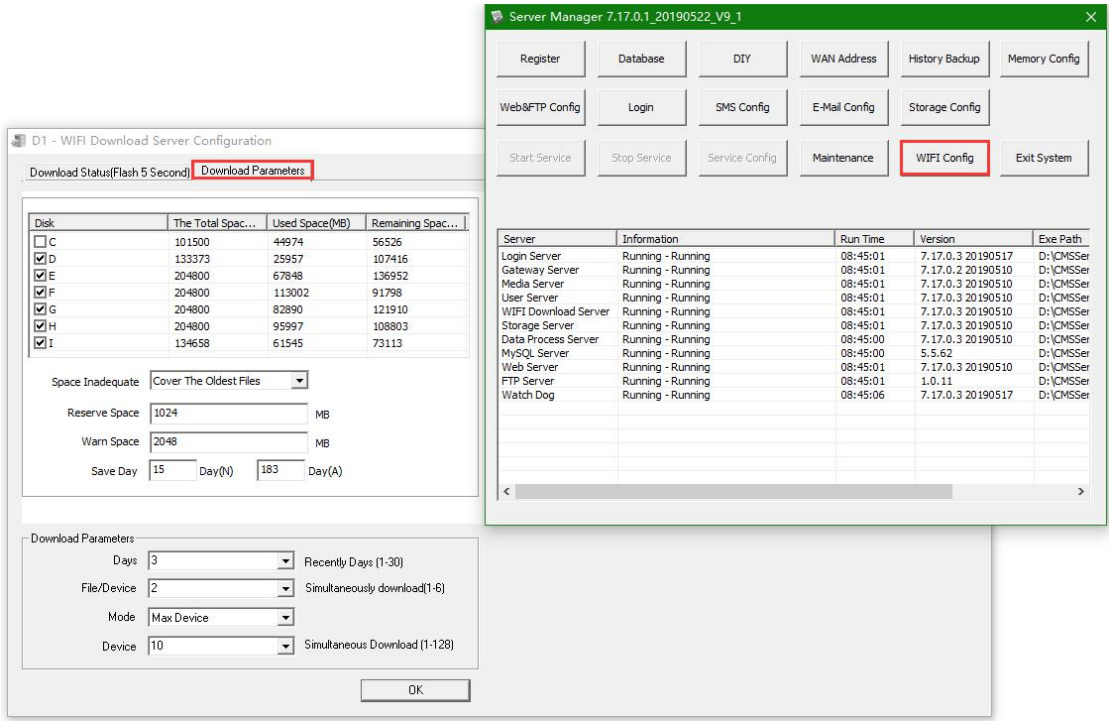
Download parameter

Days: The WiFi download task will start from the current time forward by days

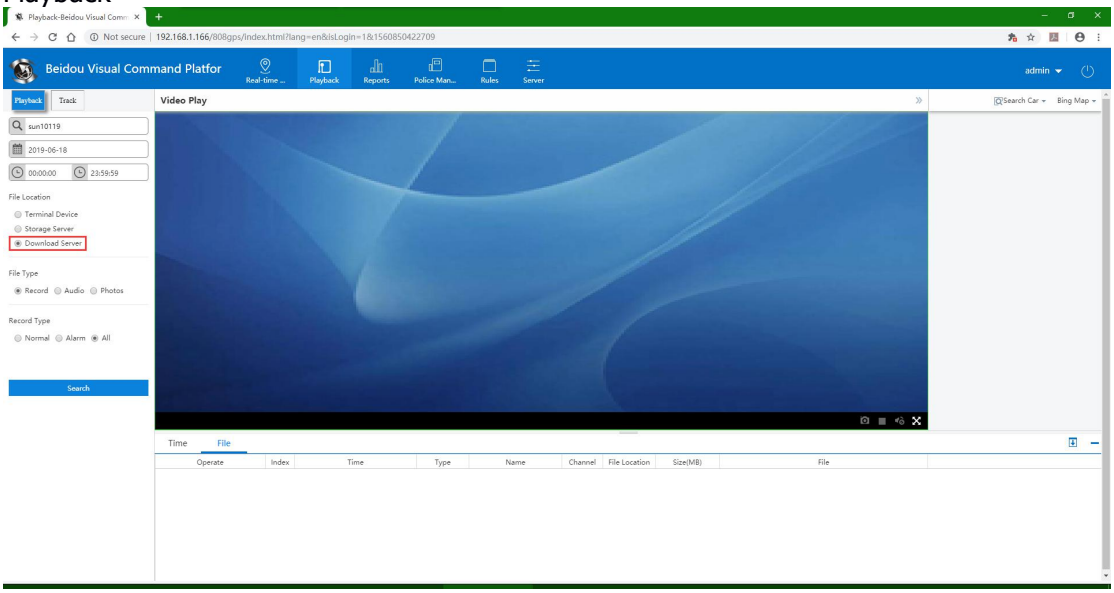
File/Device: Number of files downloaded at the same time

Download mode: Download by device number or by file number

Device: The number of devices downloaded at the same time

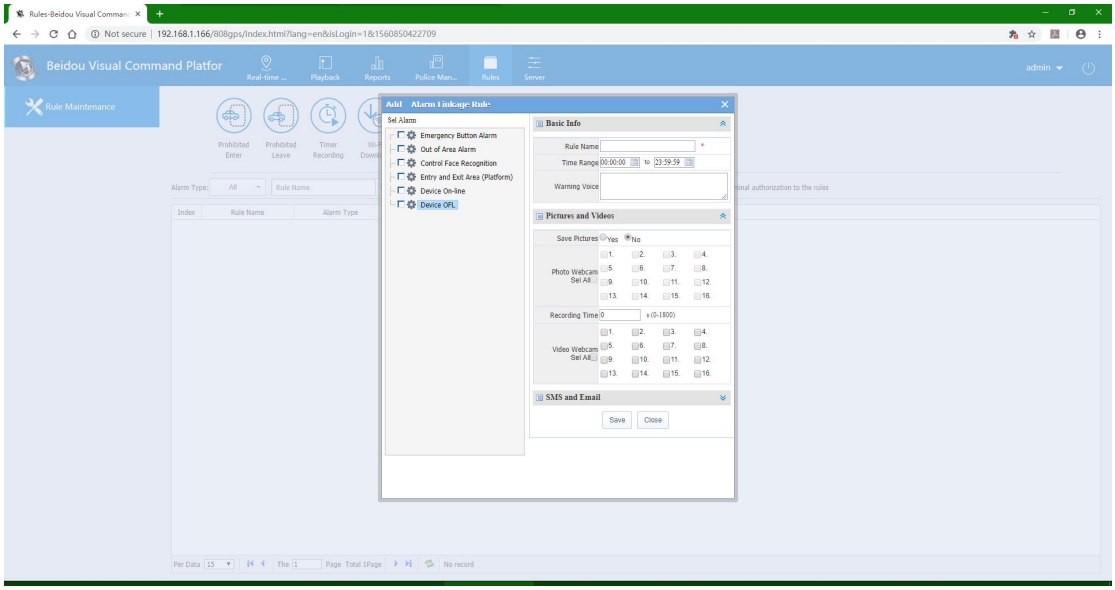


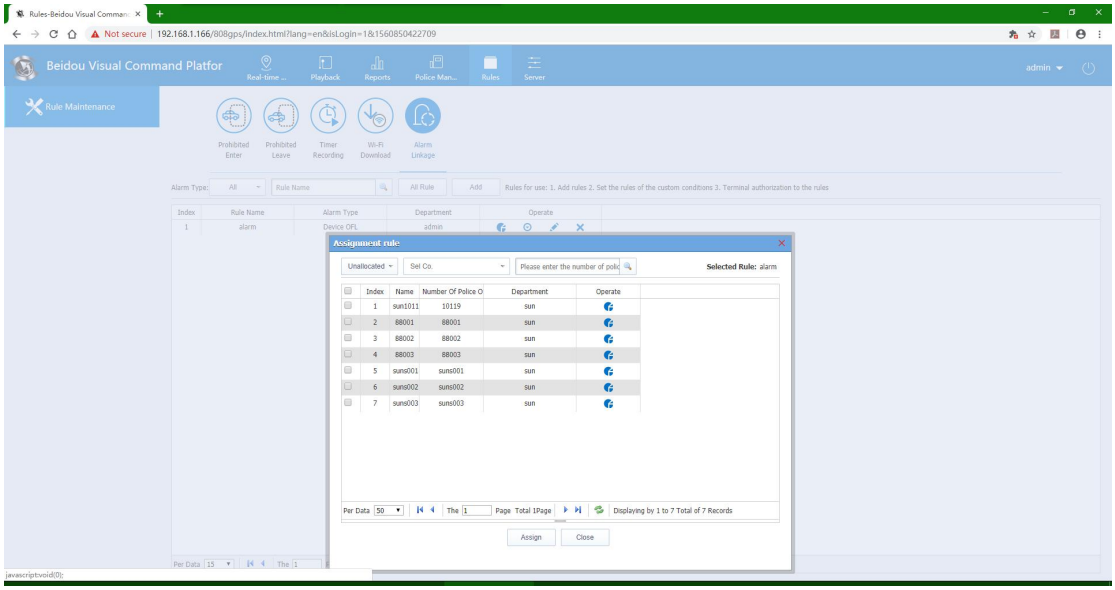
Step 5:
Playback



2.4.4: Alarm linkage

Add the corresponding alarm. When the terminal triggers the alarm and successfully reports it to the platform, the platform will begin recording or shooting according to the rules, and upload the video or picture to the storage server; at the same time, you can set the SMS or email reminder;

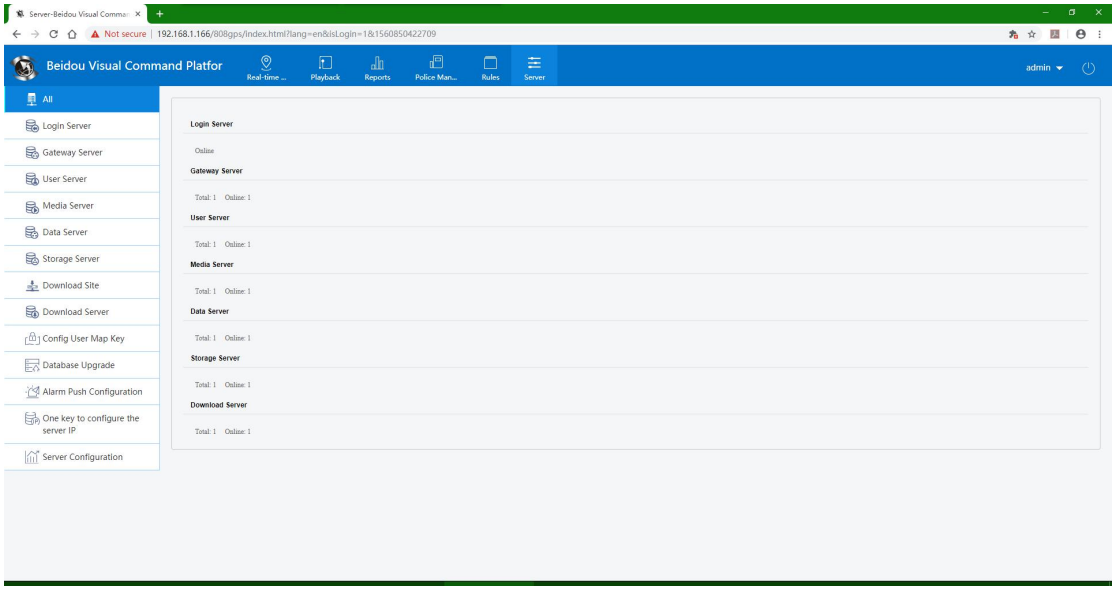




2.5: Server Management

Use system management admin to log in, and you can view and edit the settings of related

services;



Chapter 3 PC Client Instructions

3.1: Client download, install and uninstall

Client download: Web login interface "Downloads on other applications"

Client installation: Refer to the server installation mode

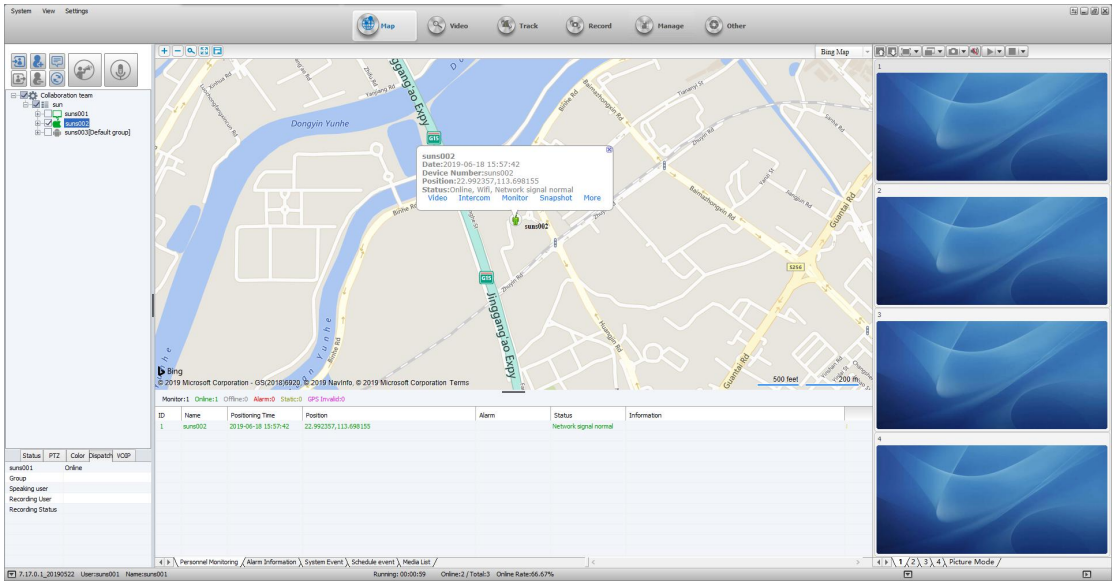
Client uninstallation: Refer to server uninstallation mode

3.2: Client login and running interface

3.2.1: Scheduling account login

Use enterprise adimin account to log on to Web Client and add dispatch terminal account. Install PC Client and log on.

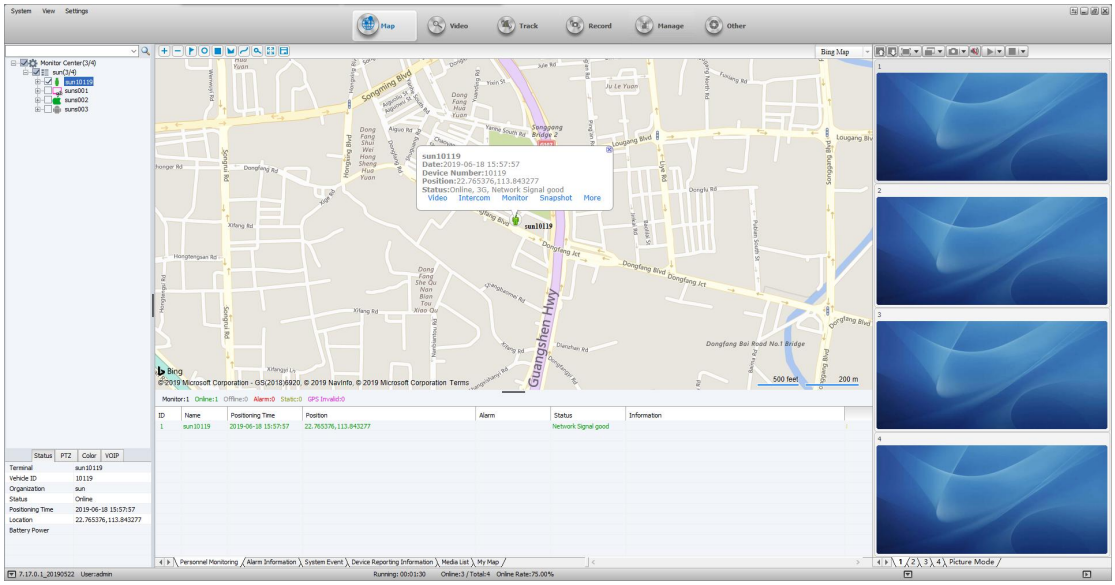
Enter the scheduling terminal account username and password as well as the server IP address, click "Login", and jump to the client main interface.



3.2.2: Enterprise account login

Use the admin account to log on to the Web client to add a enterprise account. Install the PC client and log in.

Enter the user name, password, and server IP address of the enterprise account. Click "Login" to go to the main interface of the client.



3.3: Introduction to scheduling functions

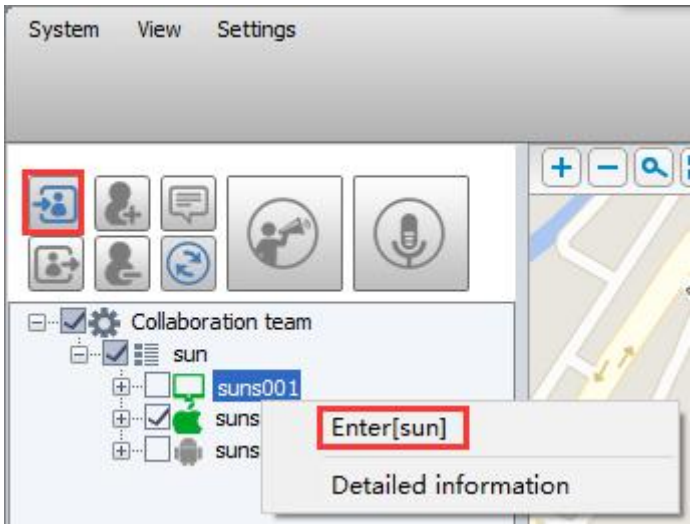
The scheduling function mainly includes: scheduling member in and out of the collaboration team, scheduling the terminal to pull and demolite other members of the collaboration team, scheduling the terminal to create a temporary group, and scheduling the terminal to perform the group call;

3.3.1: In and out of the collaborative team

A scheduling terminal can be added to two collaboration teams at the same time, but there is only one default level, and the scheduling terminal can control which collaboration group it is in as the default level;

Select the collaboration team node, right click node to select enter/leave

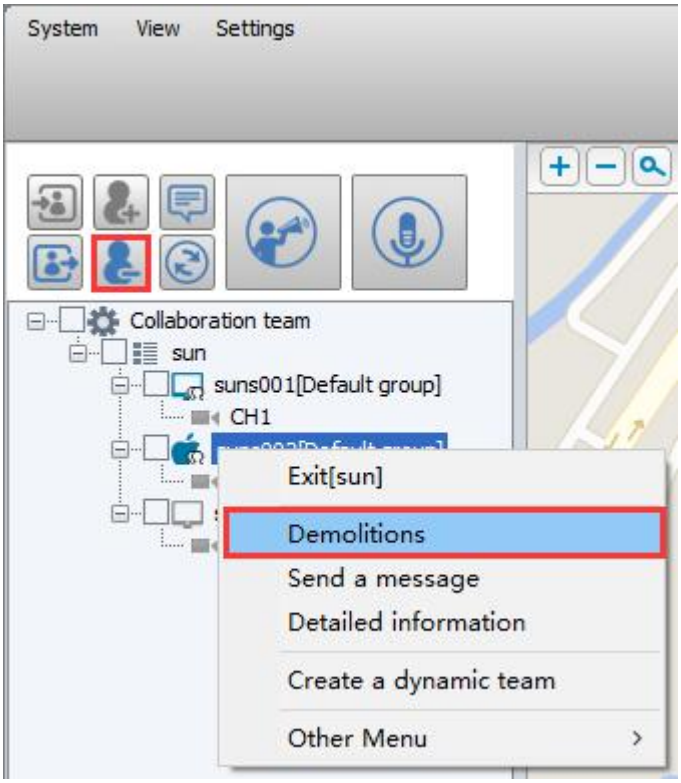
Select the collaboration team node and select the enter/leave in the scheduling menu.



3.3.2: Pull / Demolition

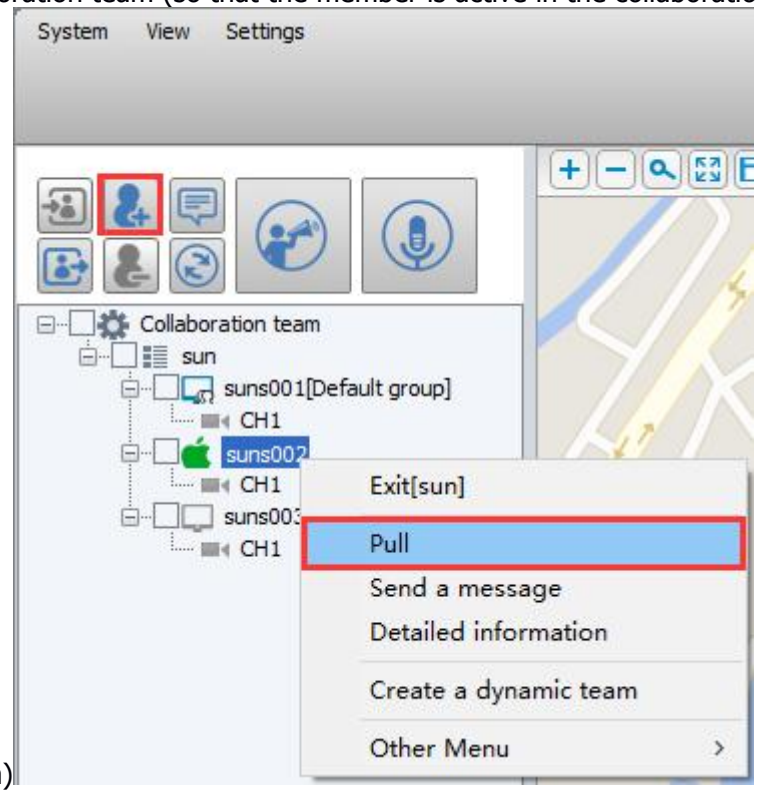
When the scheduling terminal and a certain member are in the same collaboration team which is set to the default level, the scheduling terminal can conduct demolition (so that the member is inactive in the collaboration team)

Note: When a member is in a temporary group, he or she cannot be forced to pull



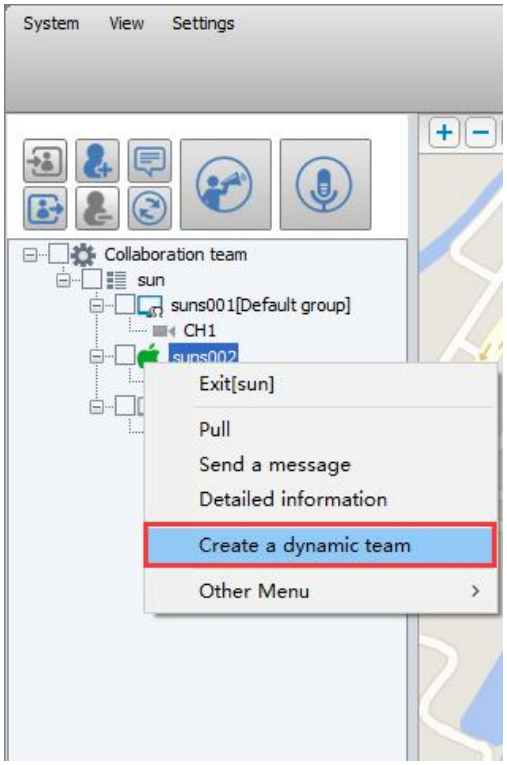
The scheduling terminal and a certain member are in the same collaboration team which is not set to the default level, the scheduling terminal can pull it into the

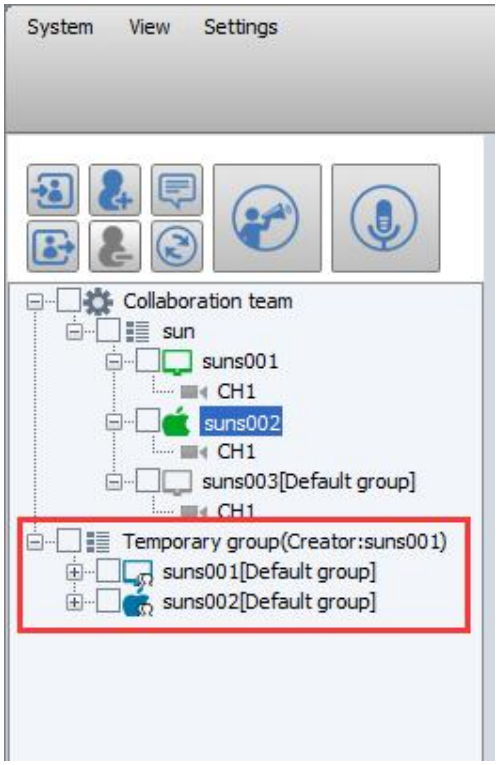
collaboration team (so that the member is active in the collaboration team)



3.3.3: Create a temporary dynamic team

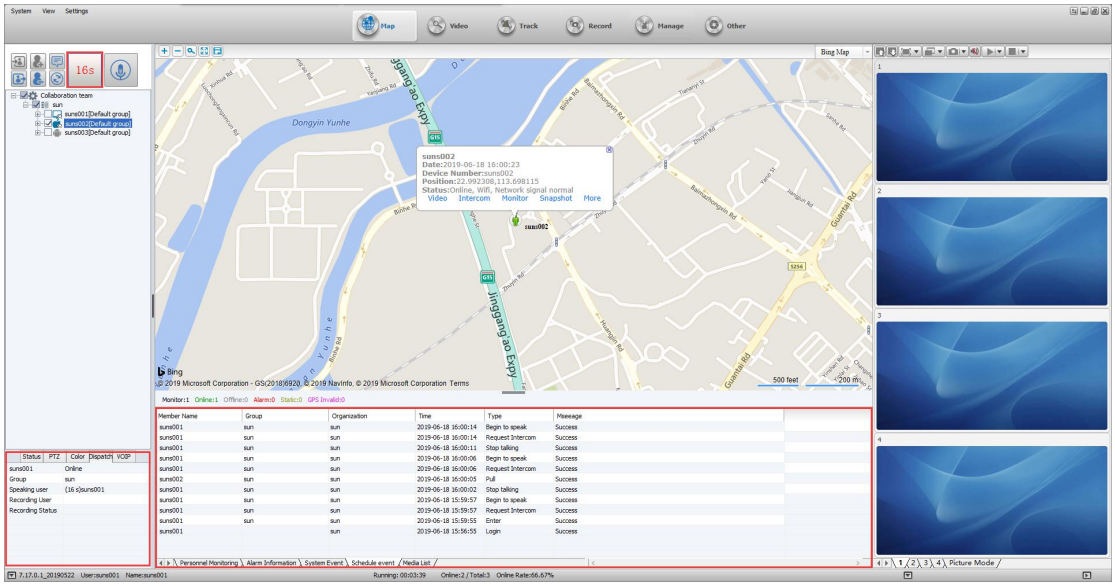
The scheduling terminal can create a dynamic team with the group member to implement a single call, or add other members to the dynamic team. The dynamic team can be actively disbanded by the creator or the members in the team can be deleted. When there is only one member in the team, the dynamic team will be revoked;





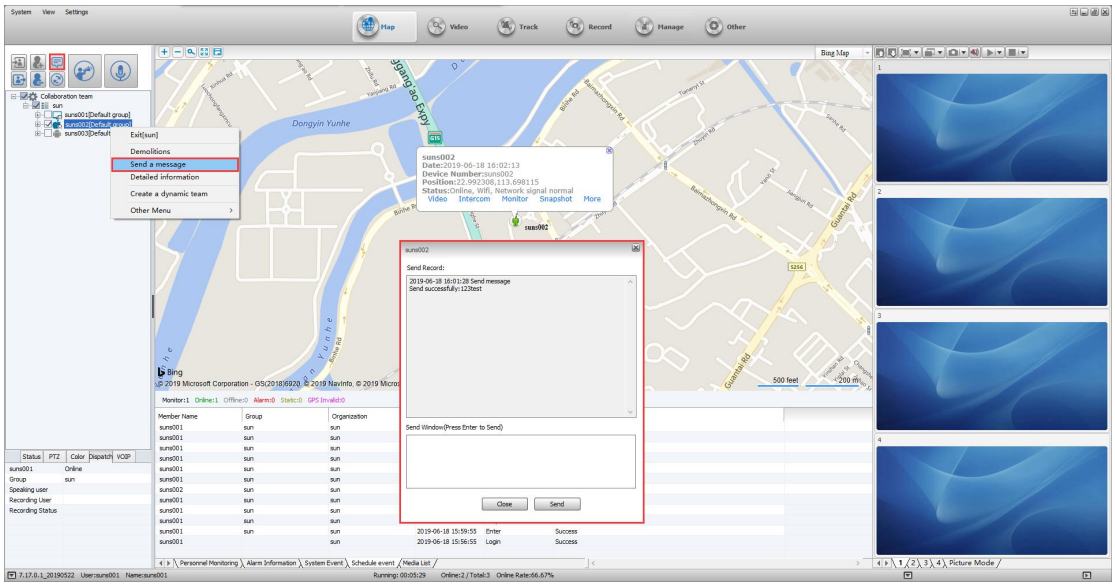
3.3.4: Dispatch the terminal for group call

Click "Group Call" and members who set the collaboration team as the default level group can receive session messages. The timer is used to count the duration of the call. The scheduling status is used to display the current speaking user. The scheduling event can display the current operation, and the historical call record can be queried.



3.3.5: Distribute scheduling information

The scheduling terminal can send a scheduling message to the individual or the collaboration team. When the scheduling information is sent to the collaboration team, all the online members of the group can receive the scheduling message.



3.4: Map Monitoring

Check the device information to load the device onto the map, and view the real-time location of the device according to the GPS reporting time of the device.

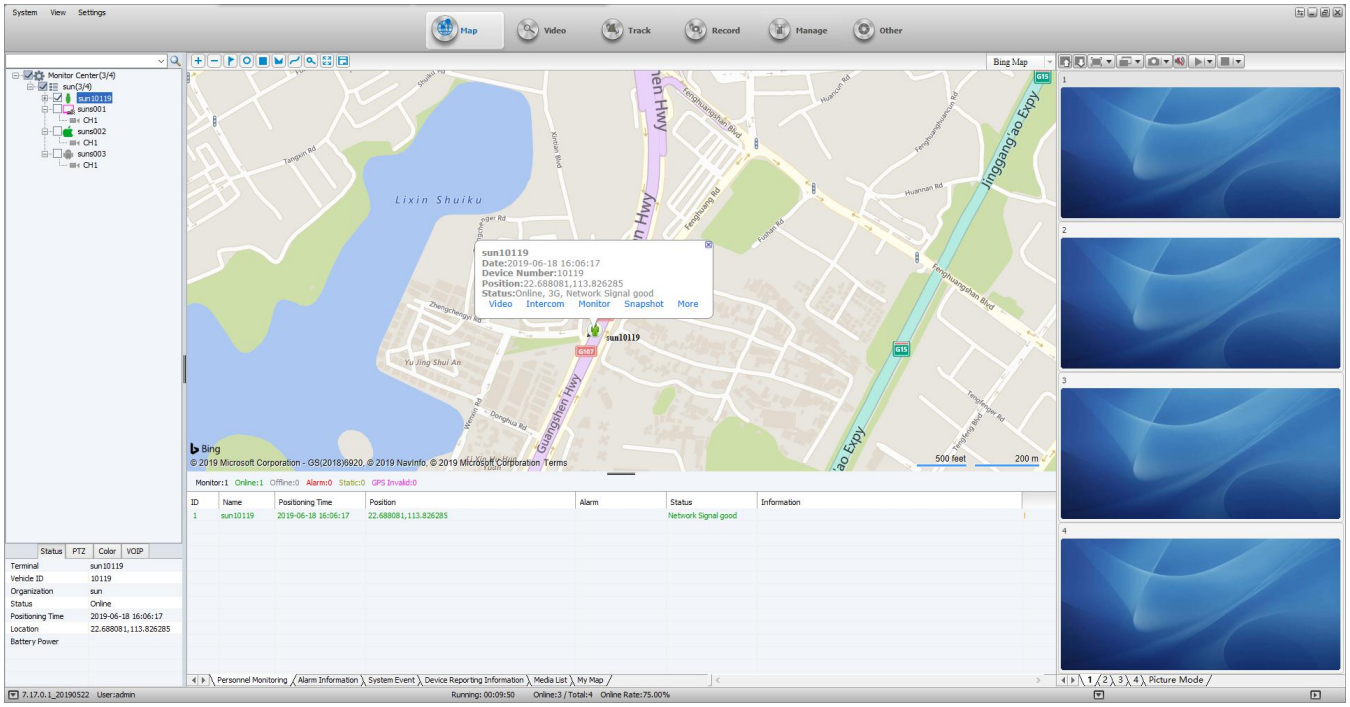
1. Select the device to be monitored in the device list, check it to realize real-time monitoring, uncheck it to cancel the real-time monitoring;

2. The detailed information of the device to be monitored in real time will be displayed on the map, including device name, height, device number, location information, online and network status; in addition, there are functions of opening video, intercom, monitoring and snapping.

3. How to switch map types

1) There is a map switch function in the upper right corner of the map. There are three options: Baidu map, Google map, MapInfo, and Bing map.

2) Click "Settings" -> "System Settings" -> "Map Parameters" in the menu bar to enter, and map switching can be achieved;



Zoom: Users can drag the up and down scroll bars on the left side of the map or click the "+" and "-" buttons to zoom in or out of the map;

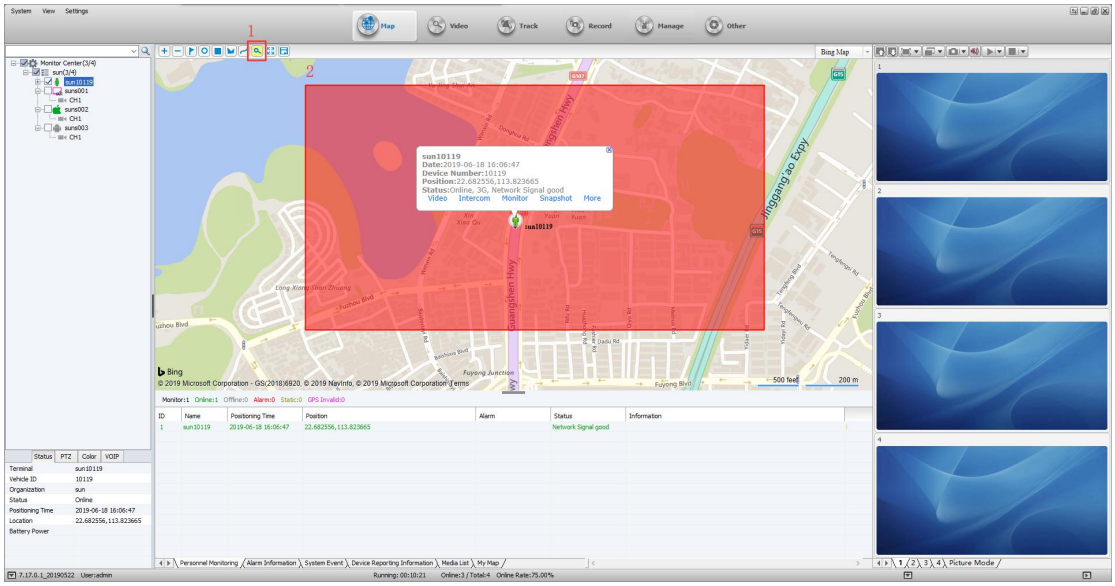
Map/Satellite: Users can use these two buttons to switch and view the status of the device in map or satellite mode;

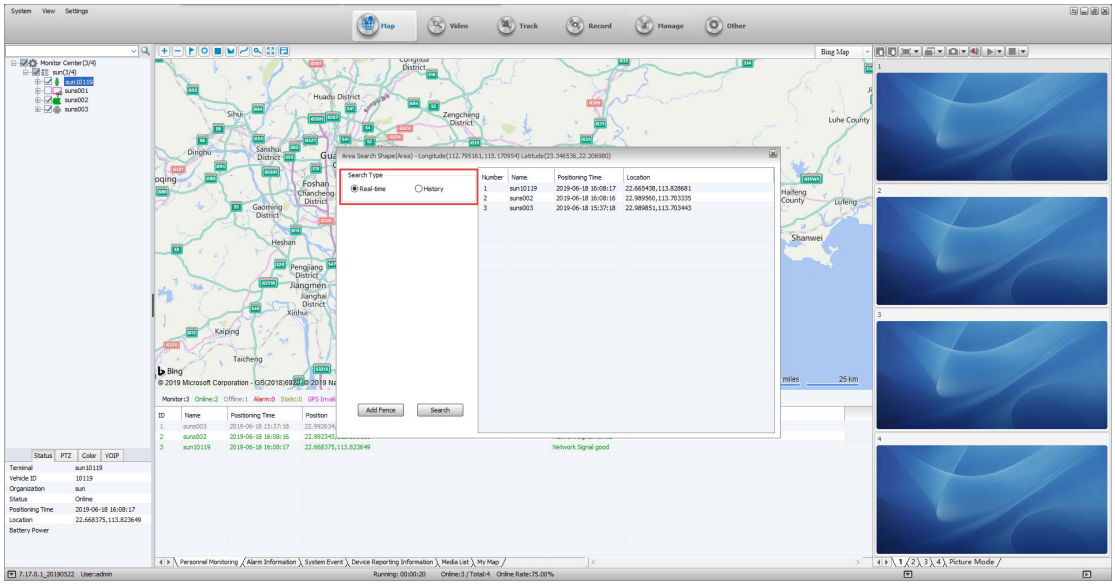
Centered device: Check the device to be monitored in the device monitoring list, and the device will be displayed in the center;

Icon	Function introduction
	Add a custom point (fixed point)
	Add a circular area

	Add a fence for the rectangular area
	Measure the distance
	Add a fence for irregular graphic areas
	Pull frame to enlarge
	Pull frame to shrink
	Add line
	Search for historical device information that passes through an area
	Full screen display of map
	Set the current map location to the location that is displayed when the client is opened by default

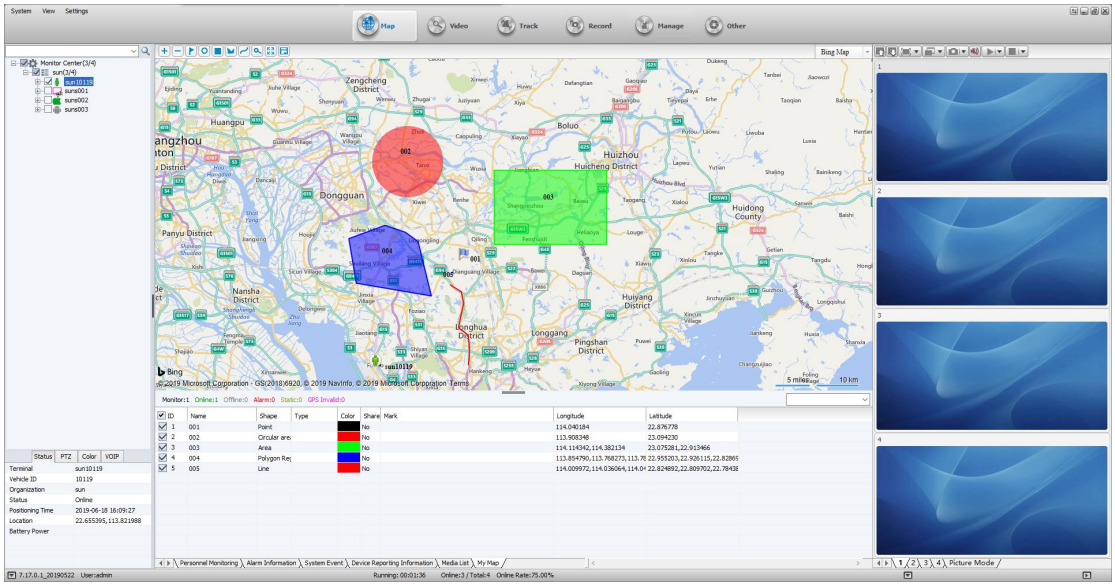
 : Search for historical device information passing through an area;



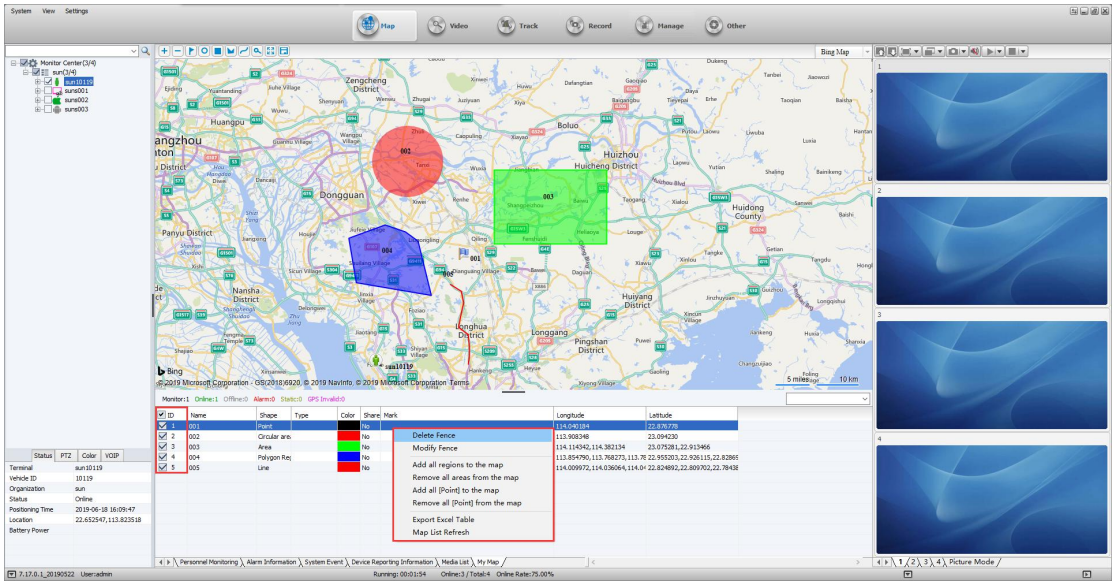


My Map:

Through the key points, circular areas, rectangles, polygons, and line tools on the toolbar, you can define custom points, lines, and faces on the map;

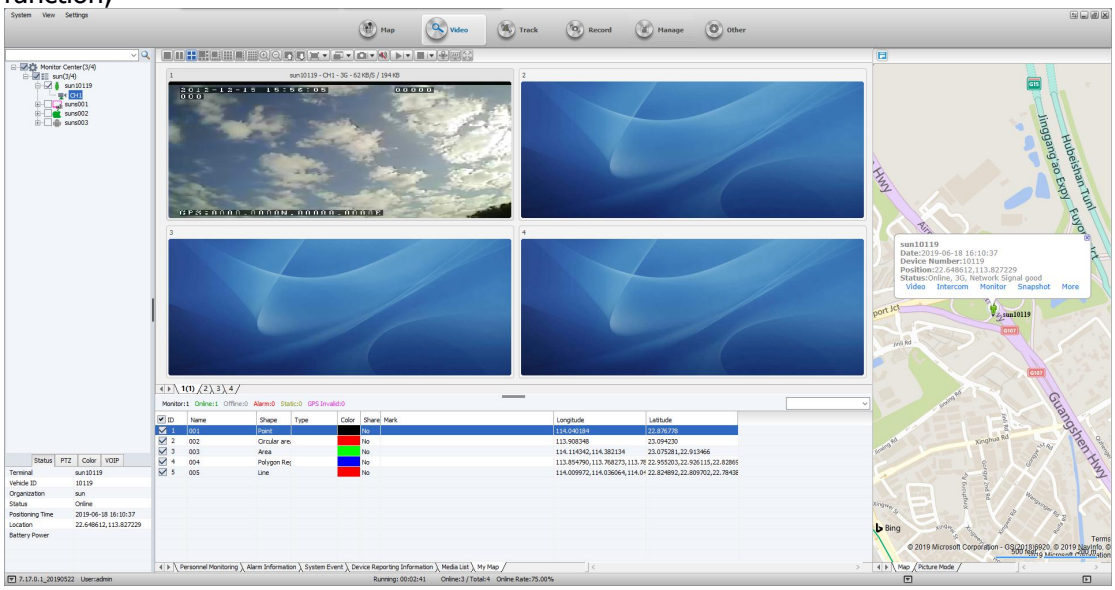


On My Map, you can choose whether to display these added custom points, lines, and faces; you can also delete them;



3.5: Video preview

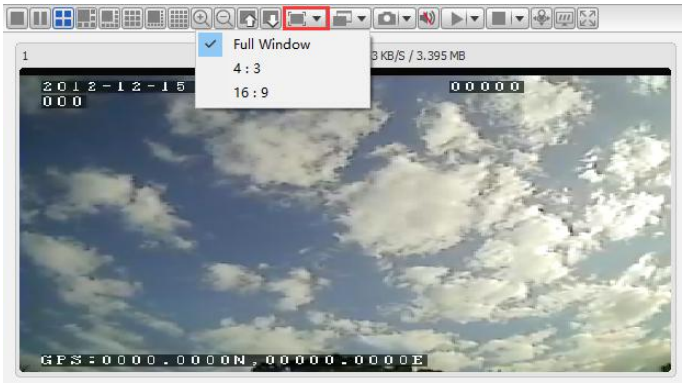
Double-click the device or device channel to enable the video preview function;



Support multi-screen switching function;

Support video effect settings;

Support video resolution settings;



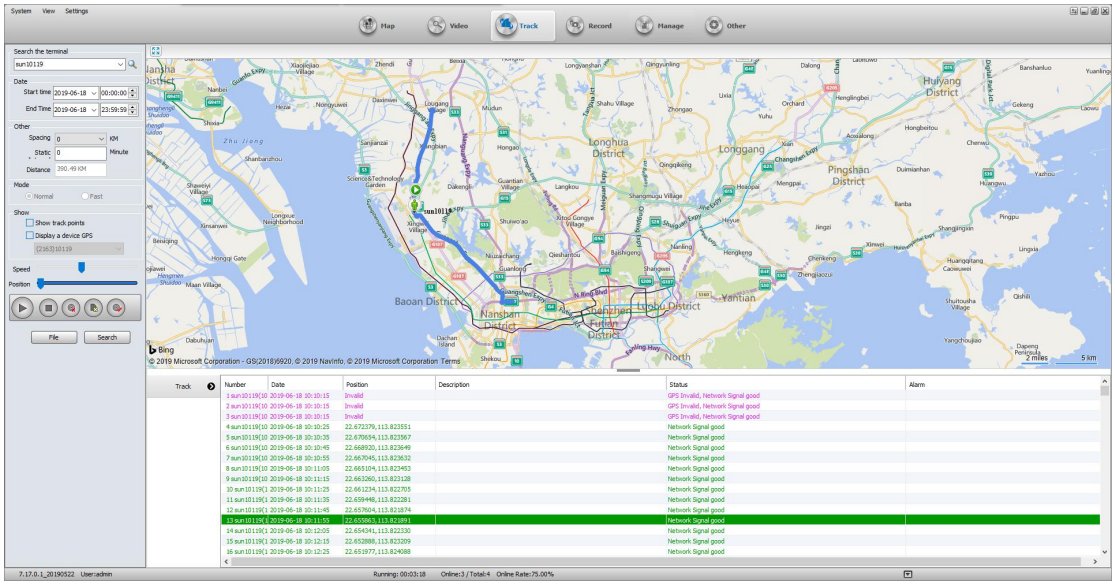
3.6: Track playback

The user can specify the device to perform the track searching according to the specified conditions, and export the related data as needed.

Spacing: Draw the interval before the trace point

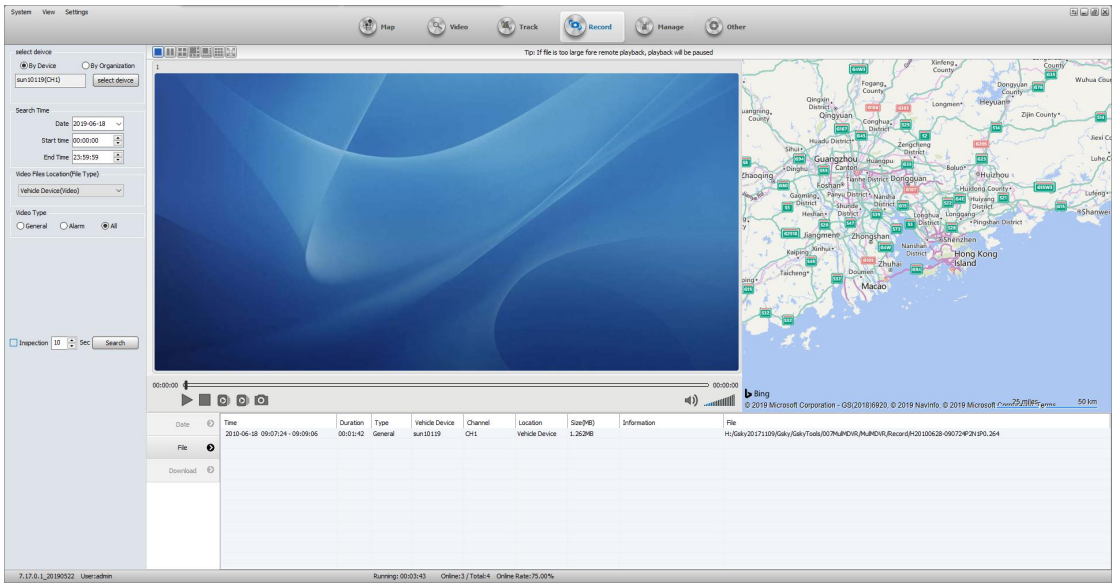
Stationary interval: The device is at rest and the standstill is longer than the set value, and the still point is marked on the track point.

Distance: The total number of miles traveled by the equipment during the time period



3.7: Video playback

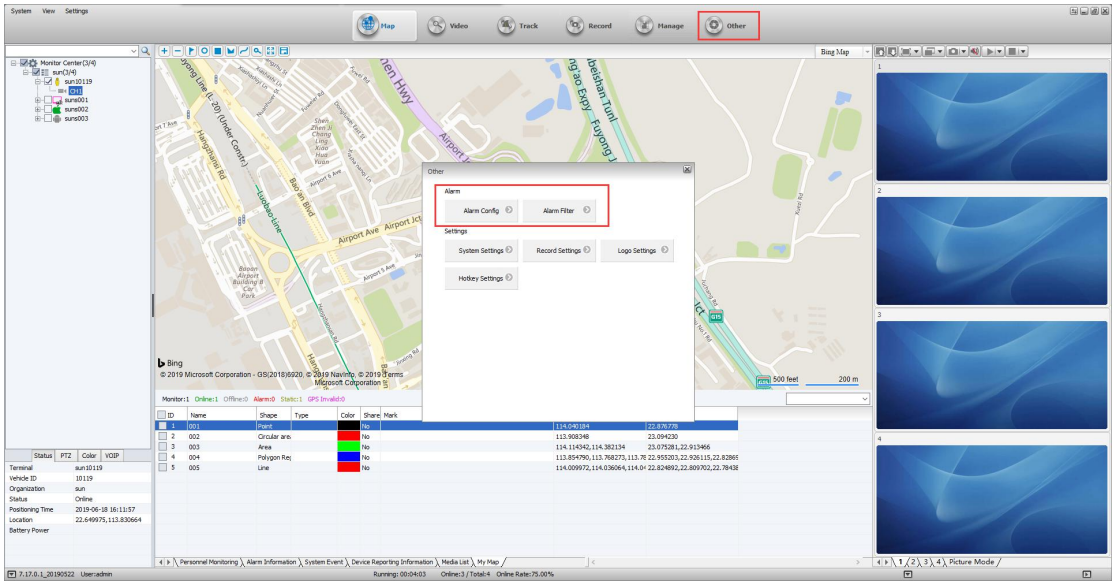
Users can specify devices to search for files according to specified conditions, and online playback and file downloads are achievable.



3.8: Information Management

Refer to Chapter 2, Web Client Instructions;

3.9: Other applications



1. With the client alarm linkage, the terminal triggers the alarm and uploads to the platform, and the platform can set the alarm to alert the monitoring personnel through sound, automatic video preview, and pop-up window;
2. The alarm shielding settings can shield the alarms that you don't want to see, so that the alarms are not displayed on the client; (Only if they are not displayed on the client side, the related alarms can still be found in the report forms.)

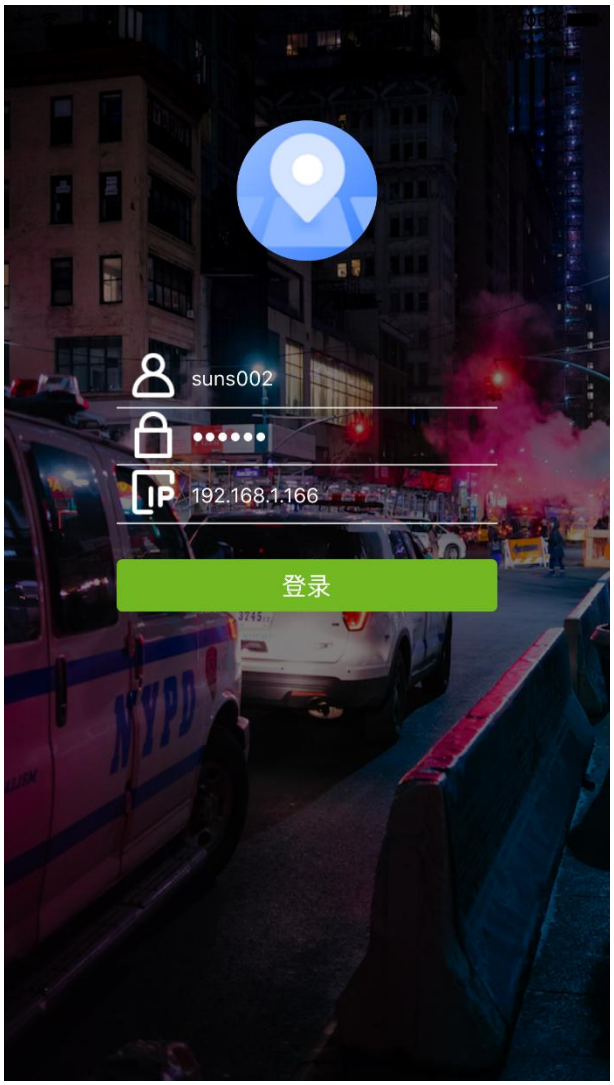
Chapter 4 Mobile Client Instructions

4.1 IOS version

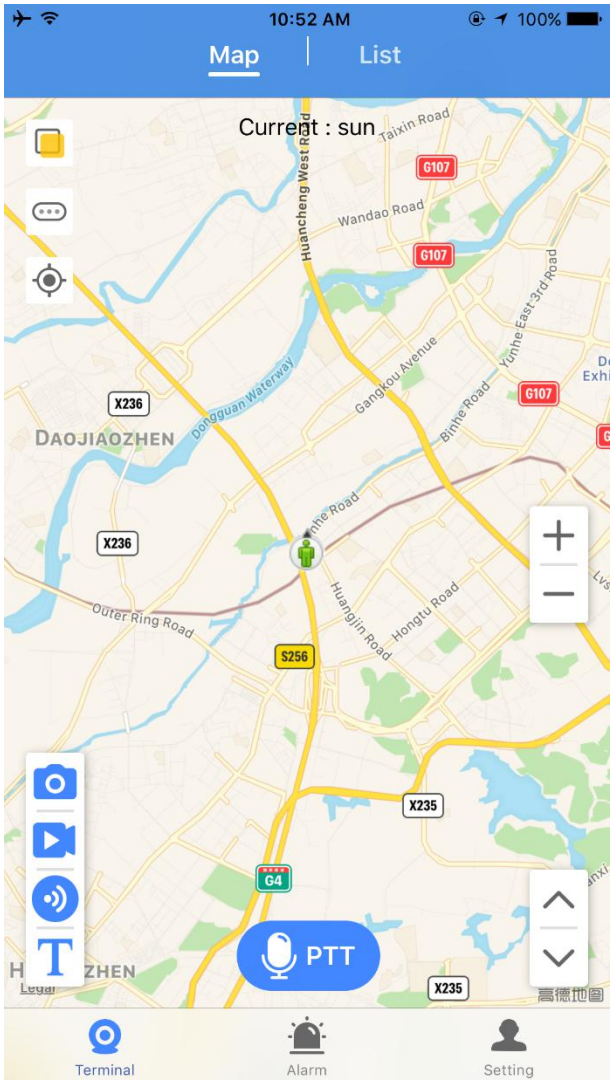
For related introductions, please refer to:

https://mp.weixin.qq.com/s/SjOWmIBTojxgDZjEmAEBDA

4.1.1 Login



4.1.2 Interface introduction



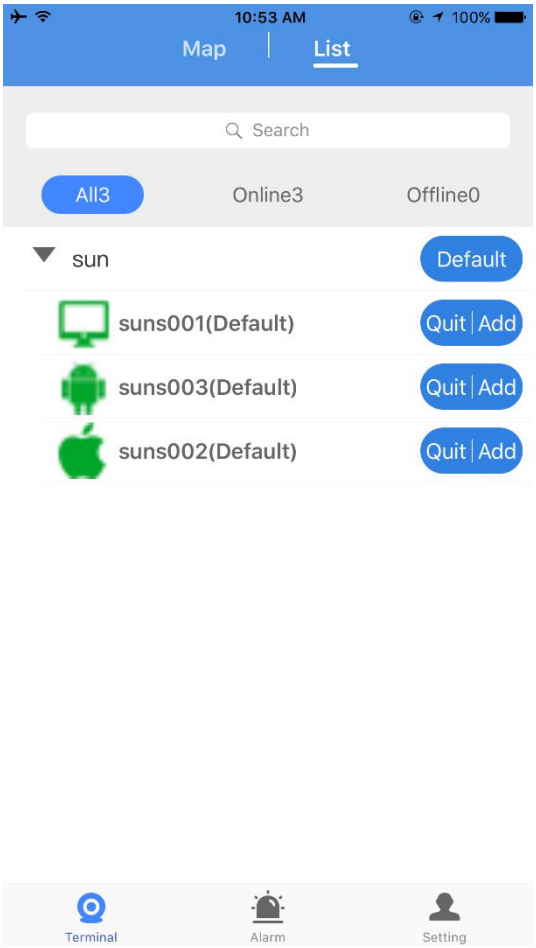
 Capture/face recognition (refer to the introduction of face recognition distribution and control function);

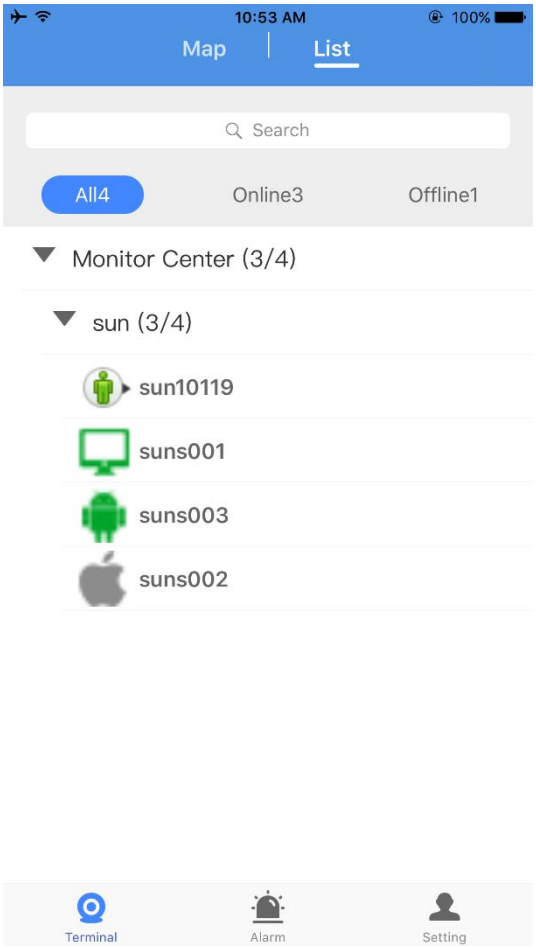
 Video recording

 Recording;

 Send text information;

 Group intercom;





Remarks:

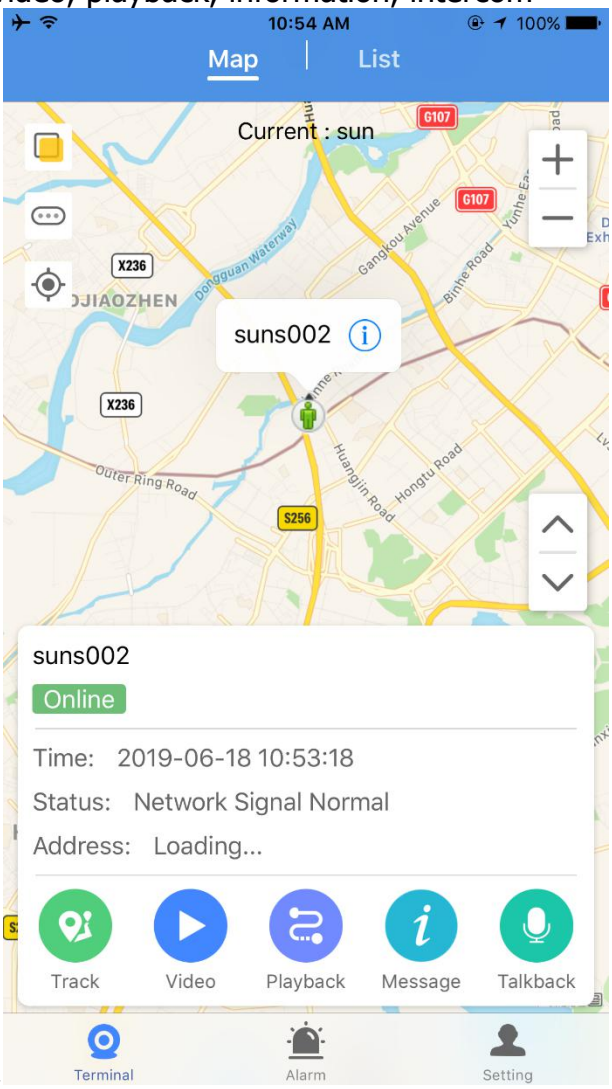
The left side is the scheduled user login;

The right side is the enterprise user login;

4.1.3 Positioning

Select the terminal you want to view in the list so as to check the location of the terminal.

Track, video, playback, information, intercom function;

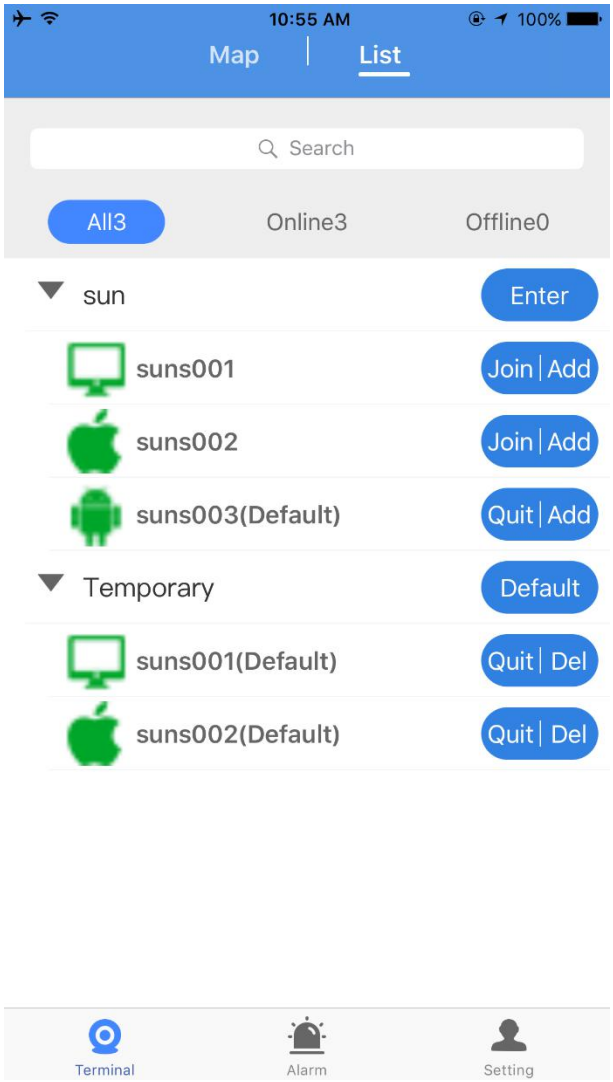


4.1.4 Group Intercom

First "Enter" the collaboration team; if you need to exit, click "Demolition";

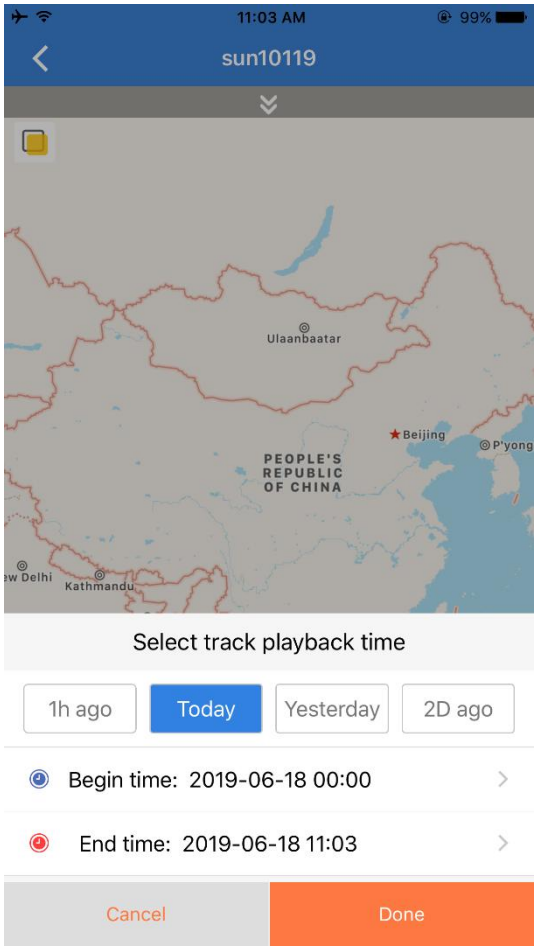
Click "Pull" to pull its terminal into the collaboration team; click "Demolition" to kick it out of the group;

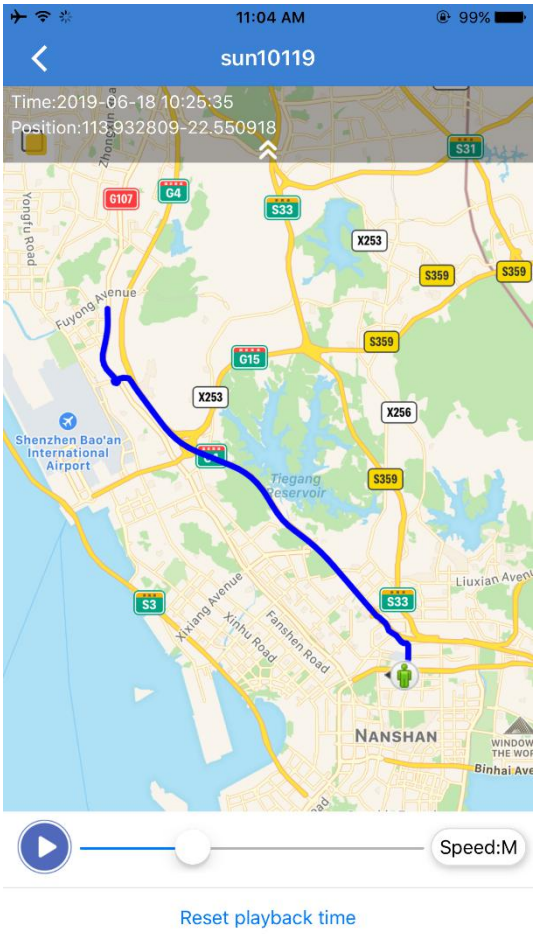
Click "Add" in the collaboration team to create a "Temporary Group" to pull other terminals into the group; click "Delete" to dismiss the created "Temporary Group";



4.1.5 Track playback

After selecting the terminal in the list, click on the track; select the search time period and then carry out searching;


11:03 AM
99%
sun10119
Ulaanbaatar
Beijing
P'yong
PEOPLE'S
REPUBLIC
OF CHINA
Kathmandu
Select track playback time
1h ago
Today
Yesterday
2D ago
Begin time: 2019-06-18 00:00
End time: 2019-06-18 11:03
Cancel
Done

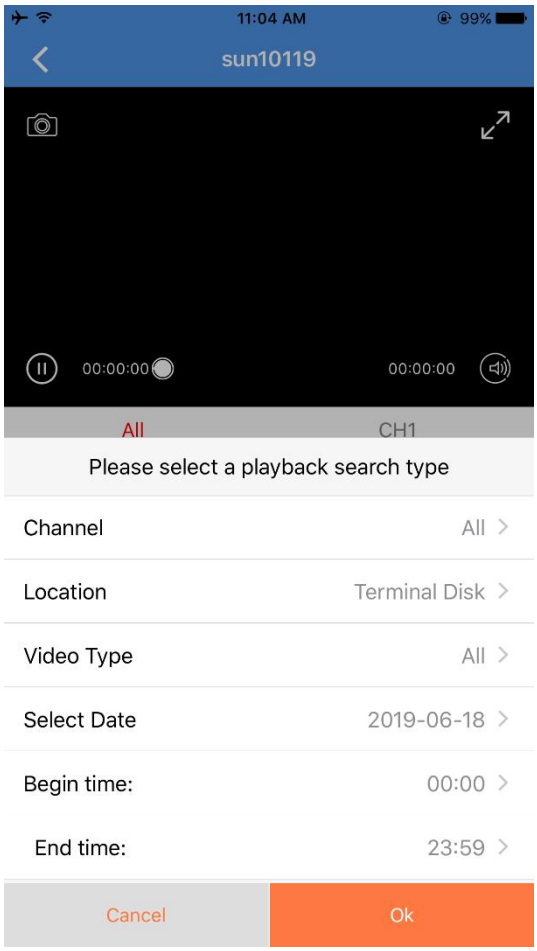

11:04 AM
99%
sun10119
Time:2019-06-18 10:25:35
Position:113.932809-22.550918
Fuyong Avenue
Yongfu Road
Shenzhen Bao'an
International
Airport
Tiegang
Reservoir
Xixiang Avenue
Xinhu Road
Fanshen Road
Liuxian Avenue
NANSHAN
Binhai Ave
G107
G4
G15
S3
S31
S33
S359
X253
X256
Speed:M
Reset playback time

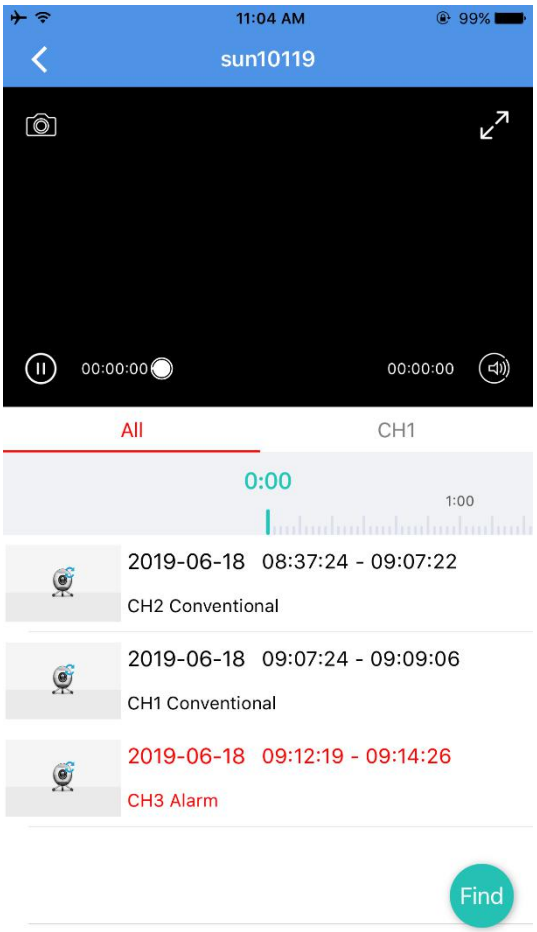
4.1.6 Live Preview

After selecting the terminal in the list, click on the video;

4.1.7 Video playback

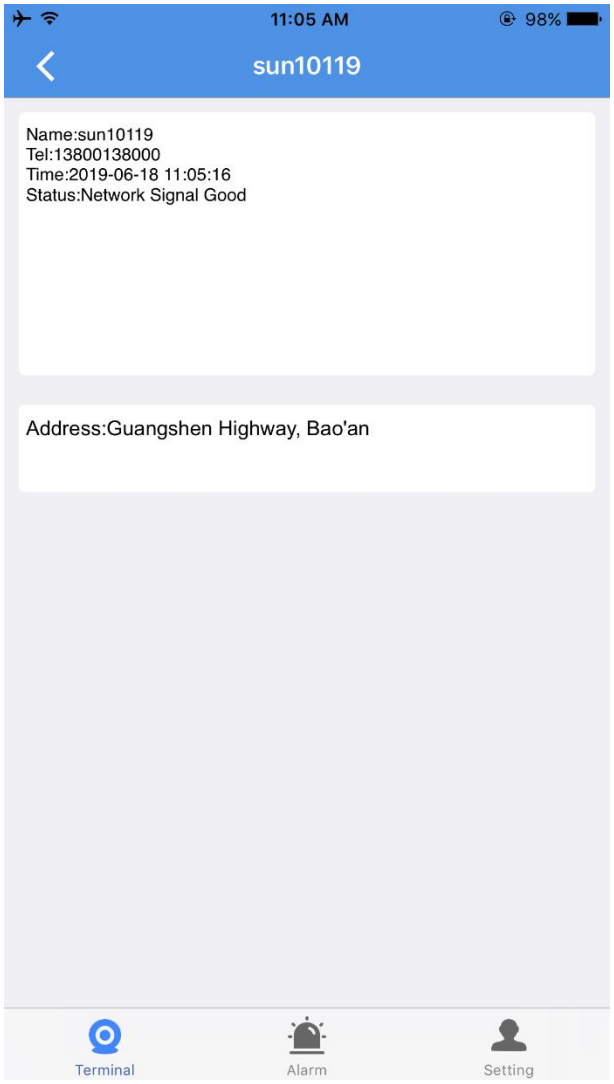
Select the terminal in the list and click Playback;





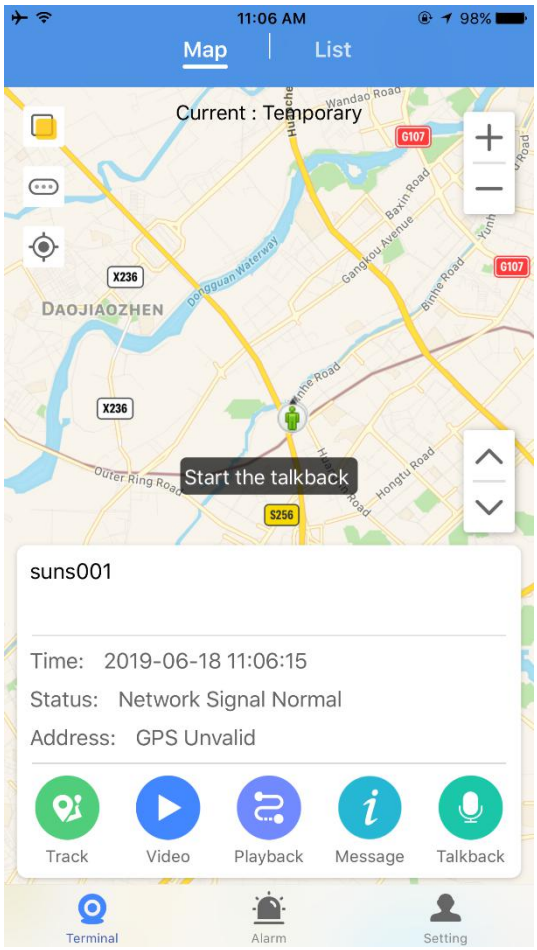
4.1.8 Terminal Information

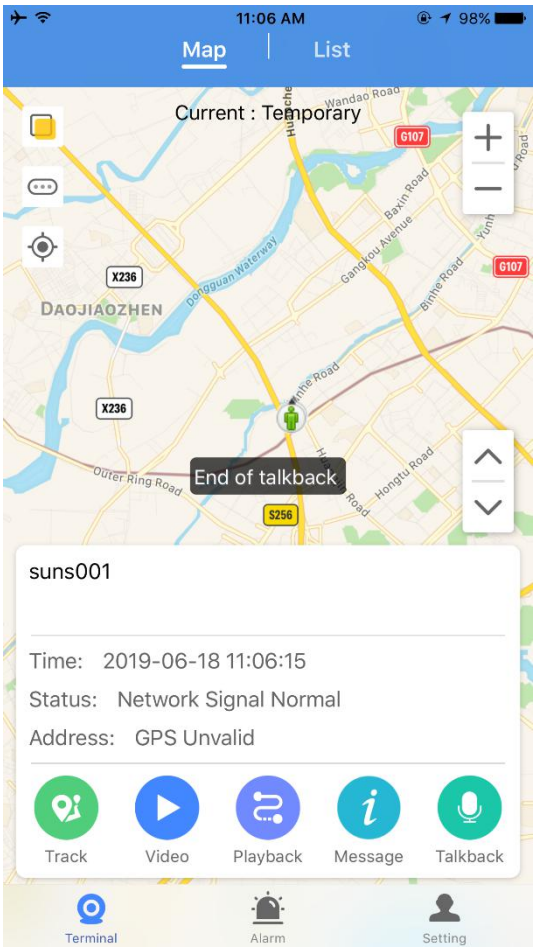
Select the terminal in the list and click on the information;



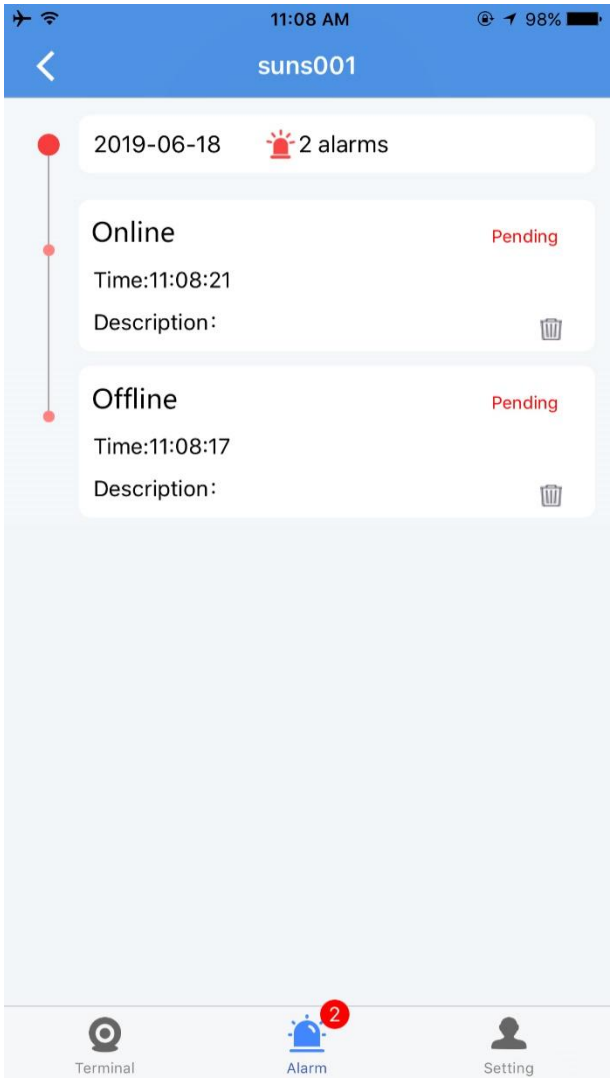
4.1.9 Terminal intercom

In the list, select the terminal that needs to be talked, click on the intercom and turn it on; click on the intercom again to end it;





4.1.10 Alarm


11:08 AM
98%
suns001
2019-06-18
2 alarms
Online
Pending
Time:11:08:21
Description:
Offline
Pending
Time:11:08:17
Description:
2
Terminal
Alarm
Setting

4.1.11 Setting