



DAHUA

Mobile Center

Professional Mobile Platform

V 2.1.1

PROFI

SYSTEMS

CONTENTS



New Features

LICENSE / PASSENGER TREND /
ALARM ANALYSIS / OPERATION
PANEL / HARD DISK FAULT / VIDEO
TOUR CONFIG



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Main Functions

SINGLE SERVER / DISTRIBUTE



Highlights

HOT STANDBY / SYSTEM BACKUP /
RECORDS BACKUP



Sales Strategy

PRODUCT + SERVICE

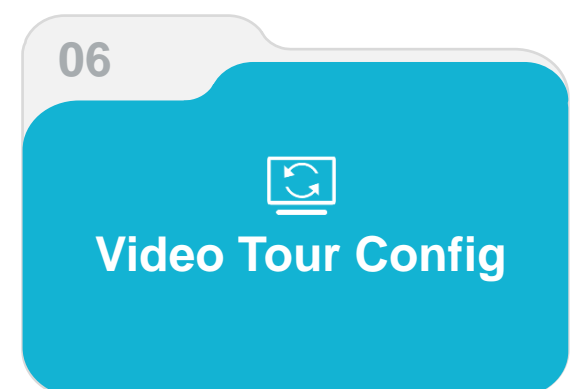
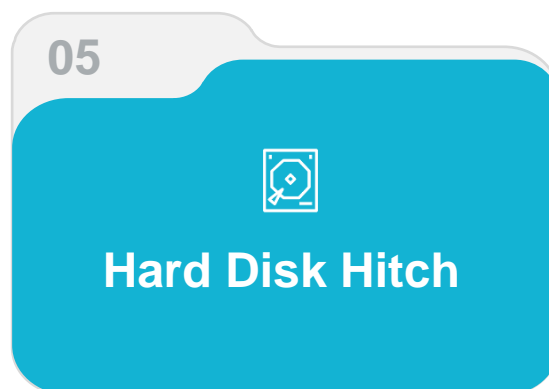
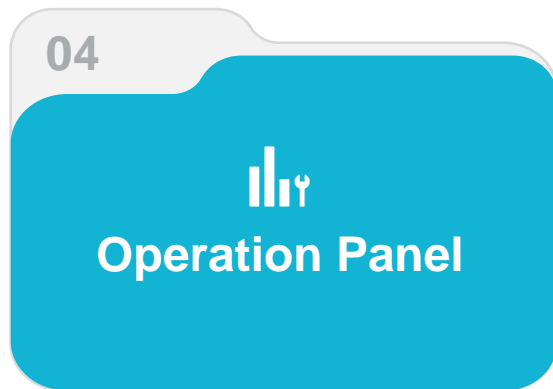
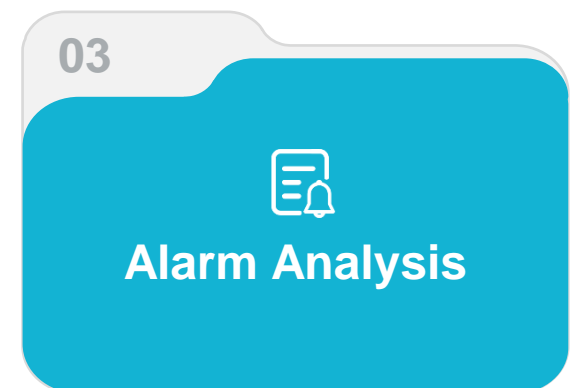
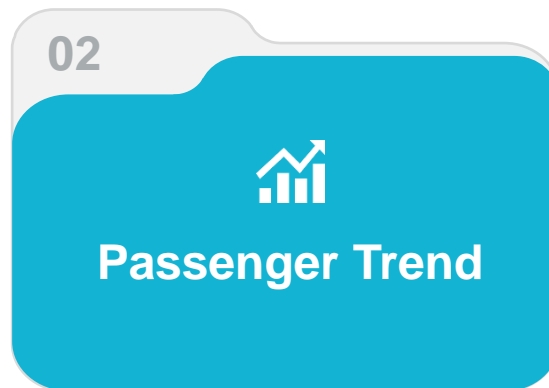
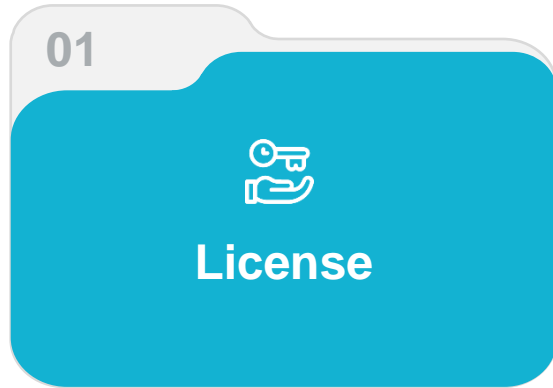
/01

New Features

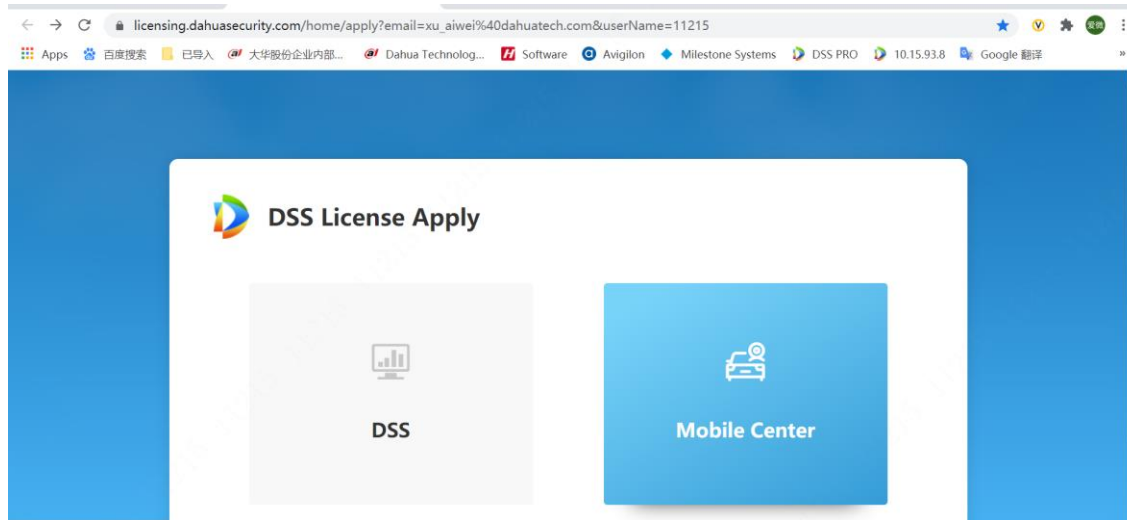
LICENSE / PASSENGER TREND / ALARM ANALYSIS /
OPERATION PANEL / HARD DISK FAULT / VIDEO TOUR
CONFIG



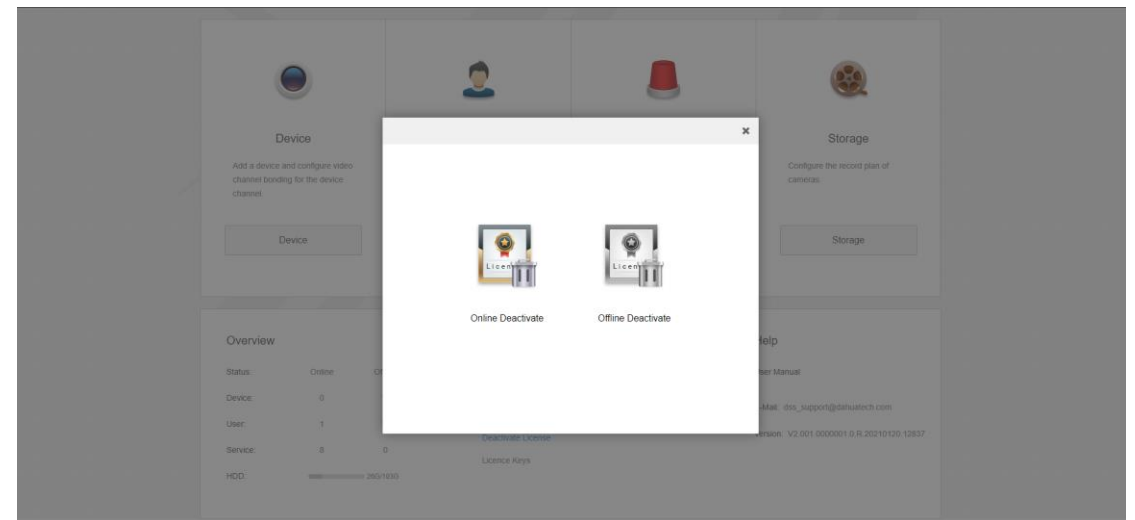
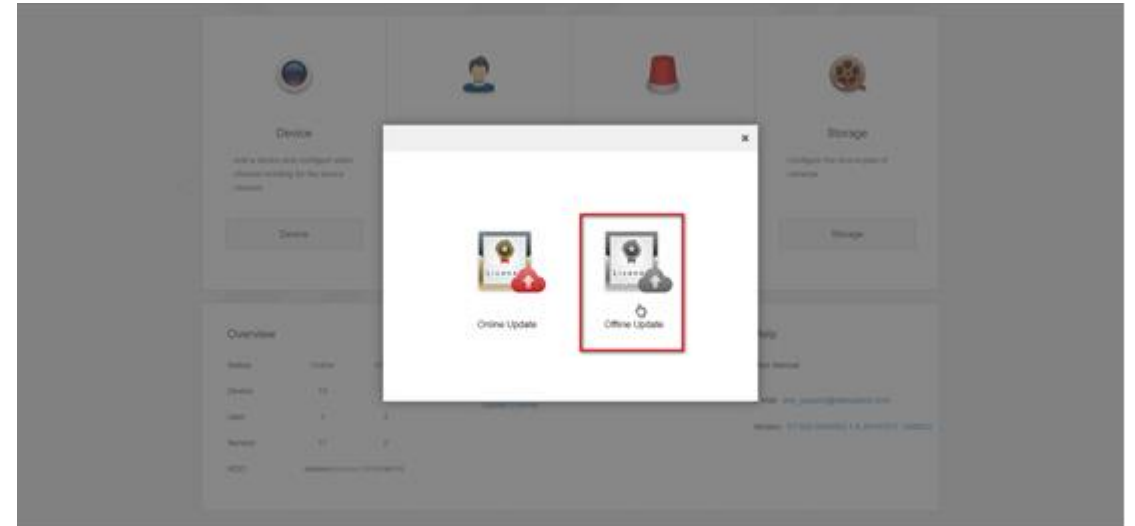
New Features | V2.2.1



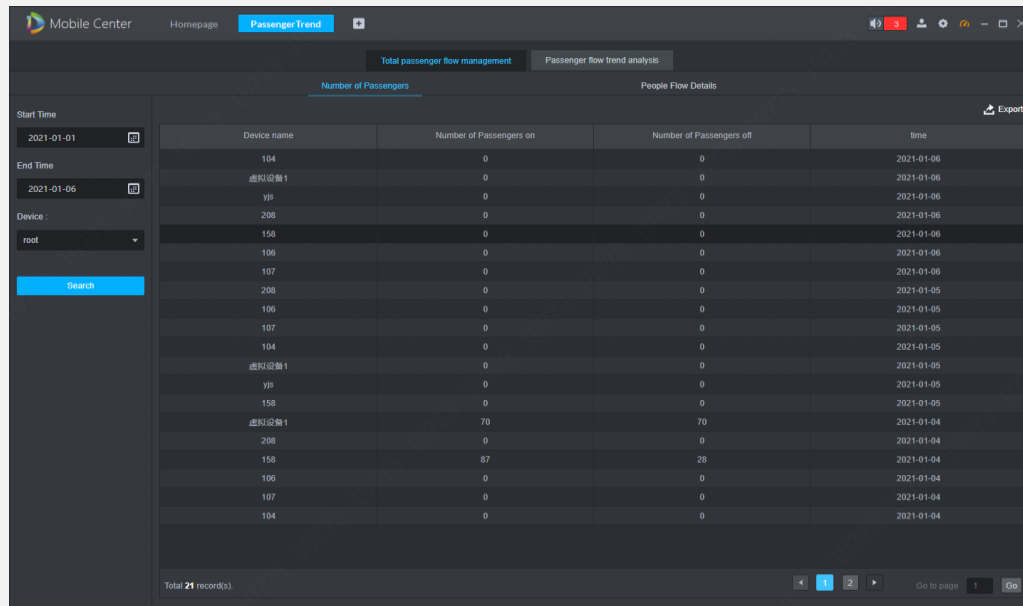
License | Support License Key activation method



- Internal employees can apply for a trial through the portal, which is consistent with DSS
- After the order is placed, the system will automatically send a notification email
- Support online and offline activation methods
- Support increase activation
- Support deactivation



Passenger Flow



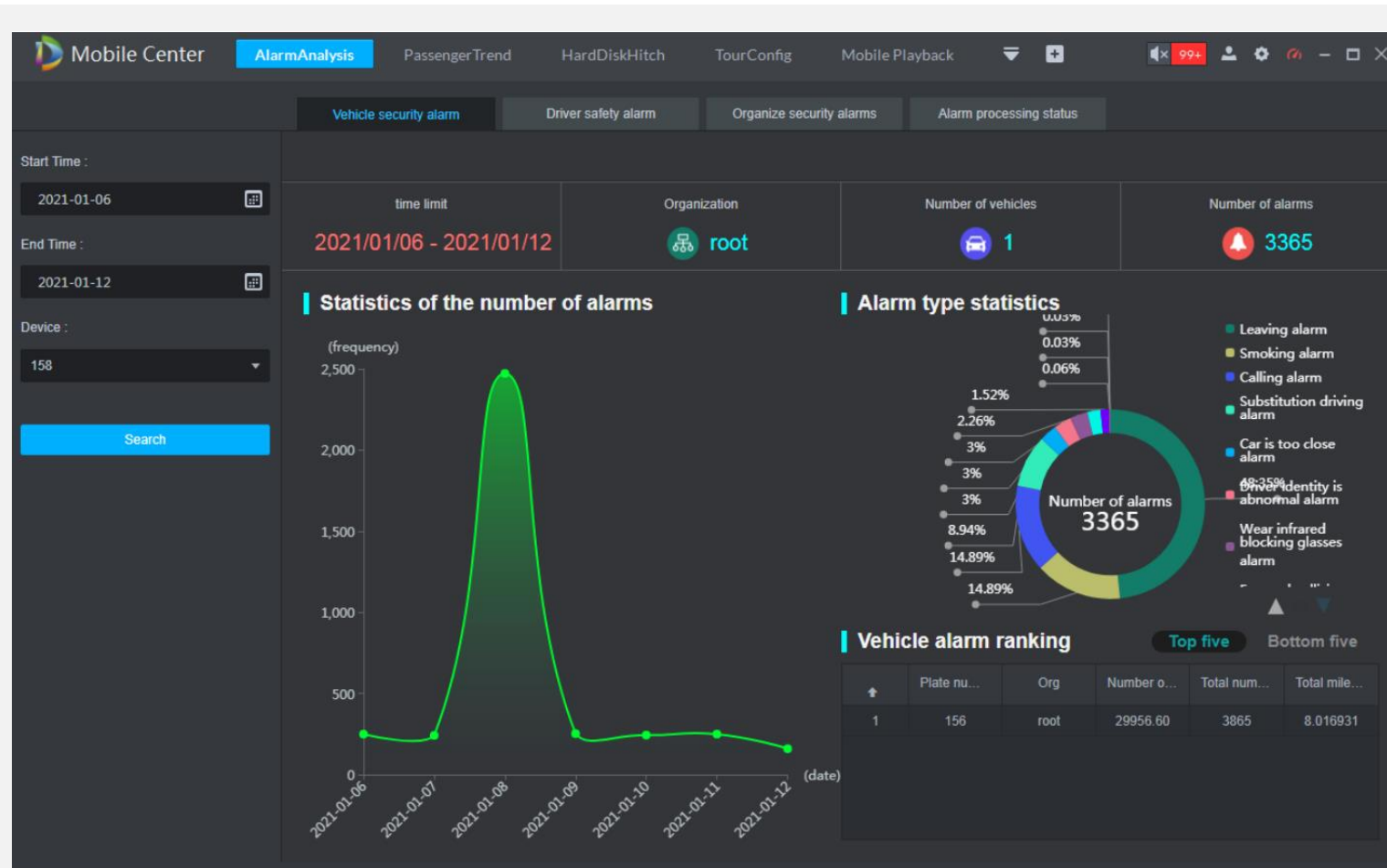
Passenger Flow Statistic



Passenger Trend Analysis

- Statistic passenger flow according to **line or site**
- Support passenger flow trend analysis
- Support query by day, week and month
- Support report export
- **Excluding the data of the current day**

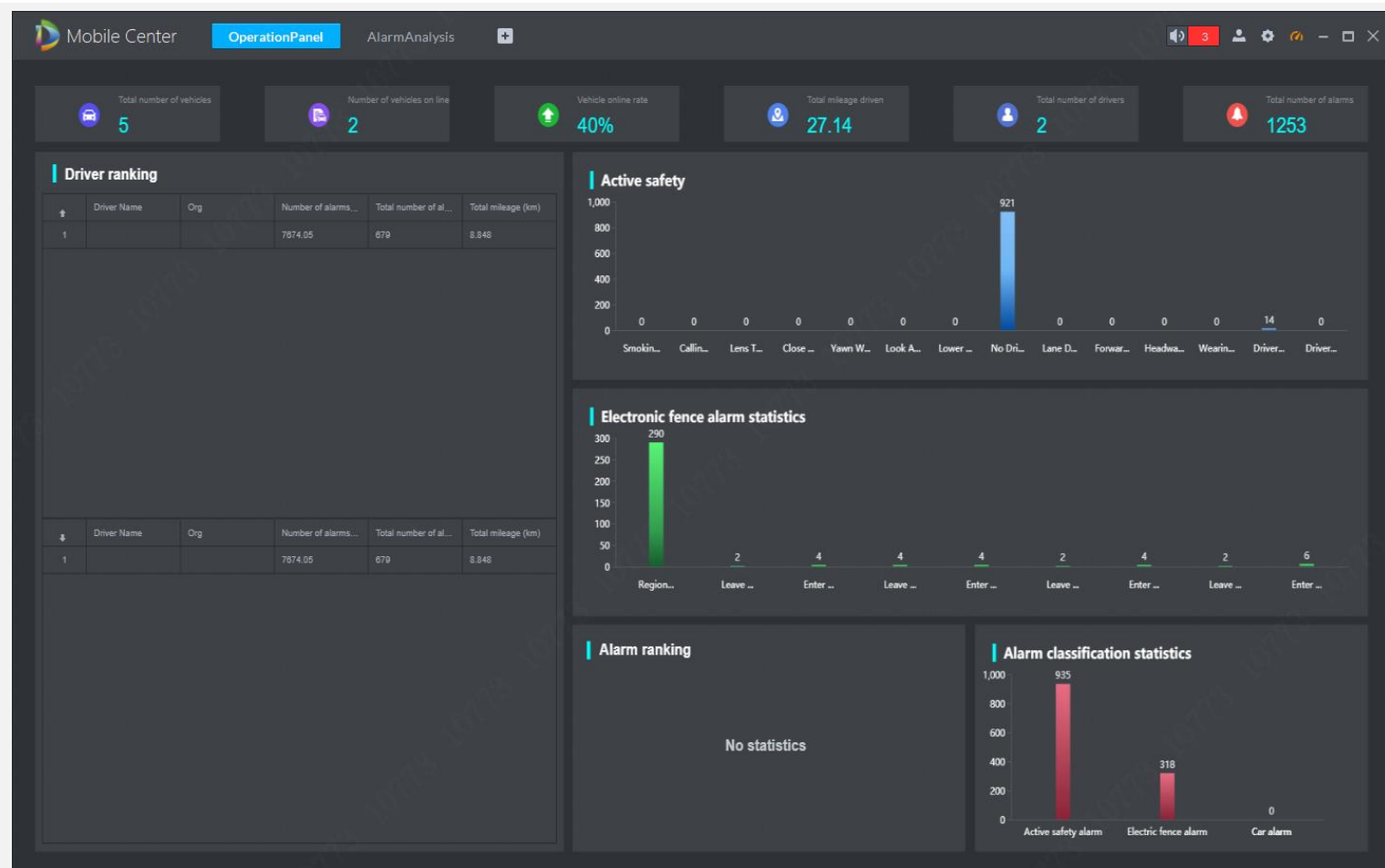
Alarm Analysis



Alarm Analysis

- Vehicle security alarm analysis
- Drive safety alarm analysis
- Analyze the alarm information under the specified organizational structure
- Alarm process status analysis
- Support analysis by quantity, type, ranking

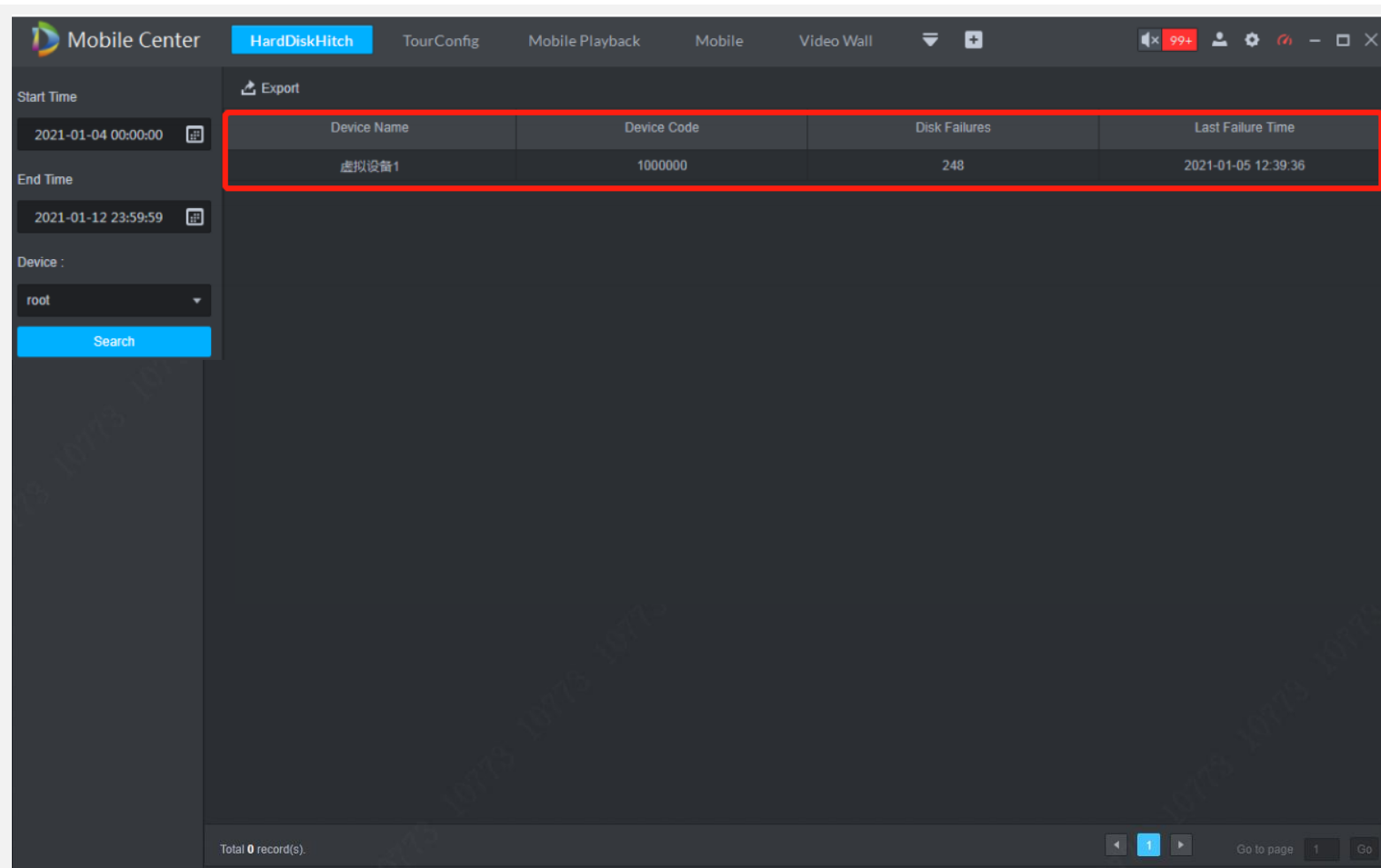
Operation Panel



- Multi-dimensional display of vehicle operating status
- Statistics can be based on the number of vehicles, online rate, mileage, drivers, total number of alarms, driver rankings, and alarm classifications

Operation Panel

MNVR Hard Disk Hitch



The screenshot shows the 'HardDiskHitch' interface in Mobile Center. It features a sidebar with filters for Start Time (2021-01-04 00:00:00), End Time (2021-01-12 23:59:59), and Device (root). An 'Export' button is visible at the top left. The main area displays a table with the following data:

Device Name	Device Code	Disk Failures	Last Failure Time
虚拟设备1	1000000	248	2021-01-05 12:39:36

The table is highlighted with a red border. At the bottom of the interface, it shows 'Total 0 record(s)' and a pagination control for page 1 of 1.

Hard Disk Hitch

- Query the fault information of the MNVR hard disk
- Display the device name, device ID, the number of hard disk failures, and the most recent time of occurrence
- Hard disk failure information can be exported

Video Tour Config

Mobile Center TourConfig

Search...

Video

- 新建组织a0
- 104
- 107
- 106
- 158
- 208
- yjs

4 video binded

1 video binded

2 video binded

2 video binded

task name: 313

task description

wind num

default stream type: main stream

default spin times (s): 10

Save Cancel

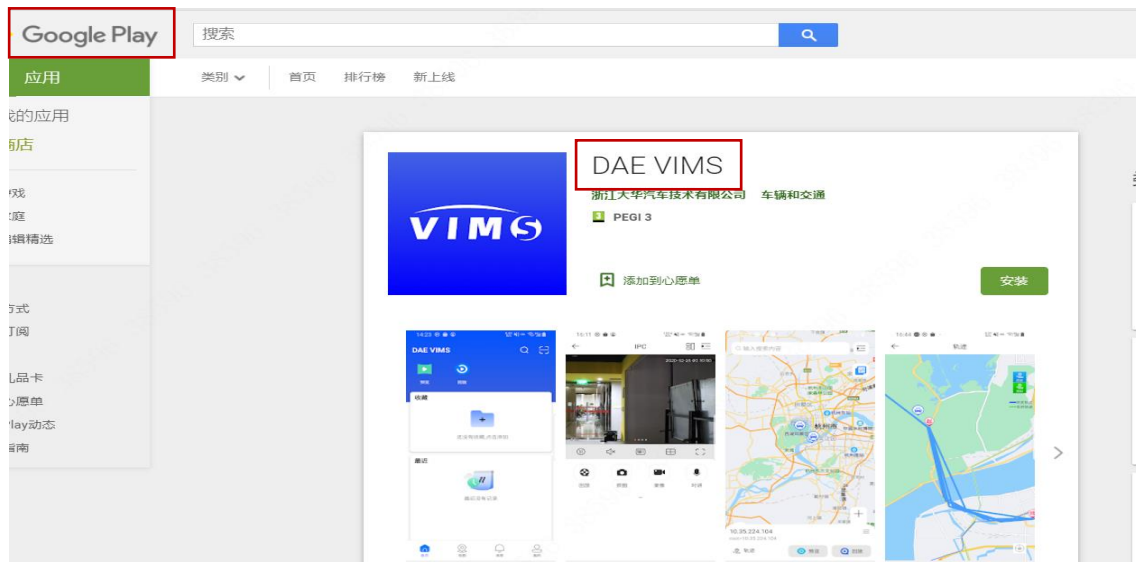
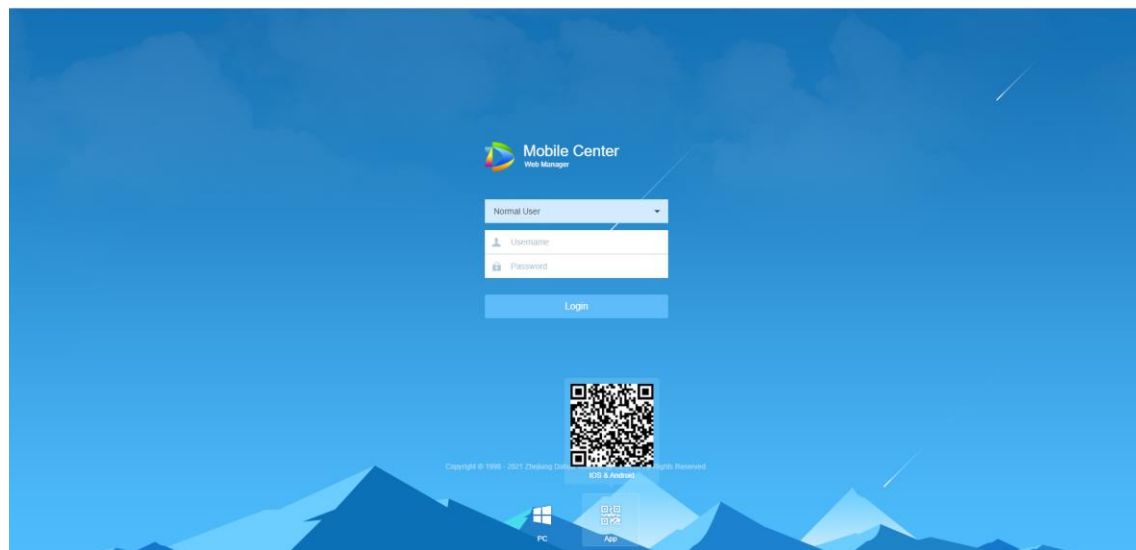
Window detail

<input type="checkbox"/>	channel name	stop time(s)	Pre Point	Stream Type	node type	operation
<input type="checkbox"/>	156_0	10		main stream	ball camera	
<input type="checkbox"/>	156_1	10		main stream	ball camera	
<input type="checkbox"/>	156_2	10		main stream	ball camera	
<input type="checkbox"/>	156_3	10		main stream	ball camera	

Video Tour Config

- Multi-video channel tour in one window in the live view interface
- Video channel can be bound
- Tour time interval can be set (10 second ~ 12 hours)
- One window can be bound with up to 20 video channels

APP | DAE VIMS



Android



IOS

/02

Overview

MOBILE CENTER / TOPOLOGY.



Mobile Center

Mobile Center is Dahua's professional vehicles security management platform. Compatible with Dahua professional mobile devices, such as MNVR/MXVR, the system provide a complete digital solution for vehicle management.

Its core business is central video surveillance, vehicle location management, drive behavior pre-warning, post-event investigation and data statistic analysis etc. Help customer to enrich management methods, improve management efficiency and make better decisions through data analysis.

Core Business

Center Video Monitor

Vehicle Management

Danger Drive Behavior

Investigation

Vehicle Record Statistic

Application

Coach



Bus



School bus



Truck



Taxi

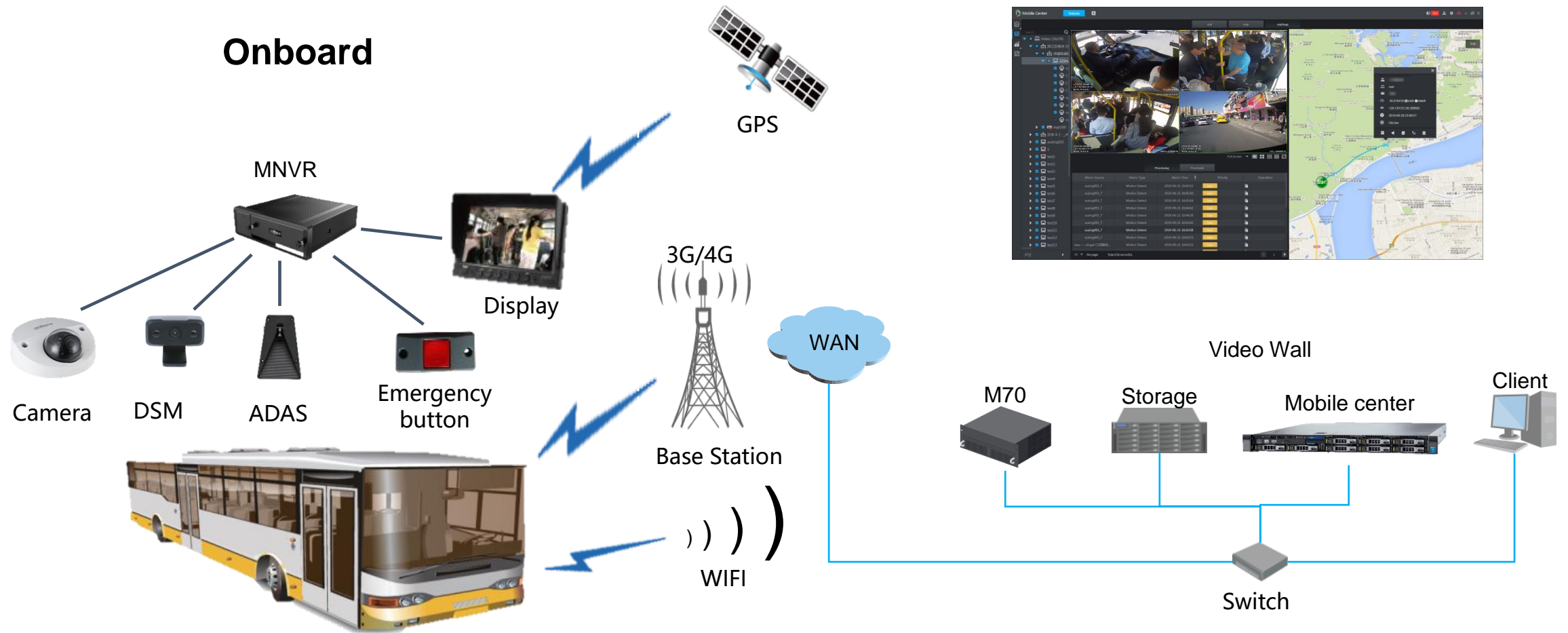


Police vehicle



Topology

Surveillance Centre



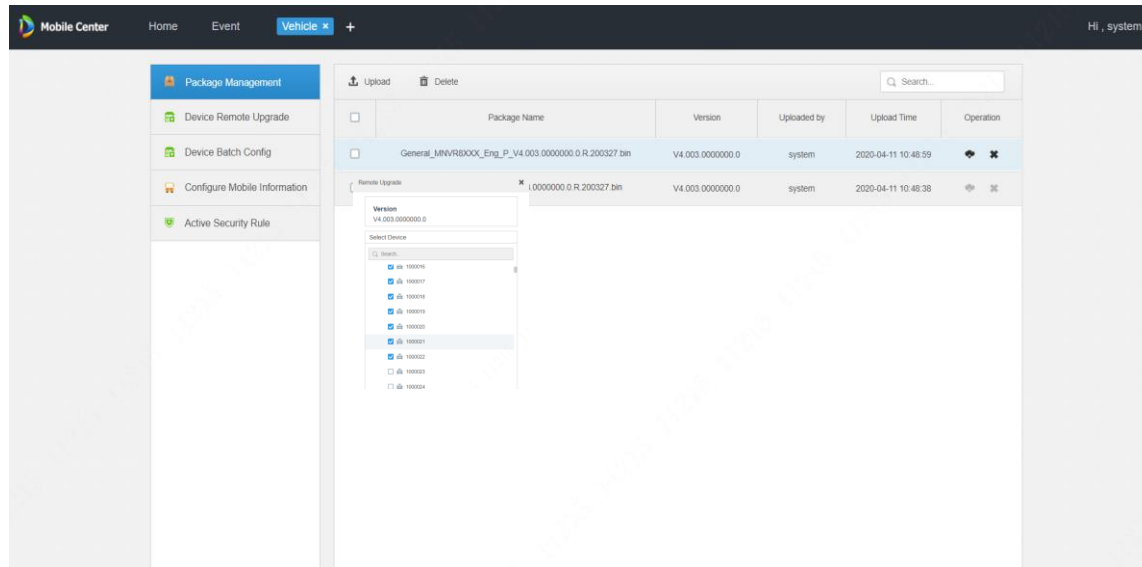
/03

Main Functions

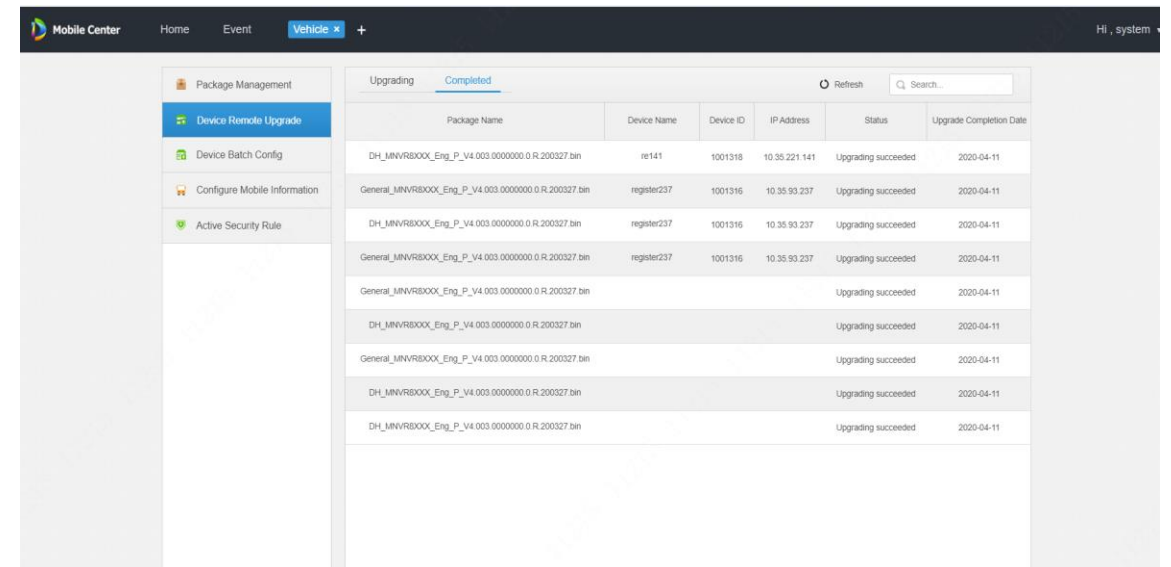
MNVR CONFIG / REMOTE UPGRADE / ACTIVE SAFETY /
MONITOR CENTER



Easily device management | Remote Upgrade Firmware



Manage the MNVR firmware,
and remote upgrade in batches.



Visualize the progress of the upgrade,
upgrading or completed.

Easily system deployment| Batch device configuration

Add Remote Device Config Task

Search...

- 1000010
- 1000011
- 1000012
- 1000013
- 1000014
- 1000015
- 1000016
- 1000017
- 1000018
- 1000019
- 1000020
- 1000021
- 1000022
- 1000023

Main/Sub Stream : Main Stream

Video Encoding : H264

Resolution : 1080P(1920*1080)

Frame Rate (FPS) : 25 (1-25)

Bitstream value : High

OK Cancel

Package Management

Device Remote Upgrade

Device Batch Config

Configure Mobile Information

Active Security Rule

+ Add Refresh

Task Sending Time	Progress	Status	Operation
2020-04-11 20:48:35	<div style="width: 100%;"></div>	Succeeded	
2020-04-11 18:27:37	<div style="width: 100%;"></div>	Succeeded	
2020-04-11 18:26:45	<div style="width: 100%;"></div>	Succeeded	
2020-04-11 18:14:41	<div style="width: 100%;"></div>	Succeeded	
2020-04-11 18:13:11	<div style="width: 100%;"></div>	Succeeded	
2020-04-11 18:10:12	<div style="width: 0%;"></div>	Exception	
2020-04-11 15:31:09	<div style="width: 0%;"></div>	Exception	
2020-04-11 15:29:29	<div style="width: 0%;"></div>	Exception	
2020-04-11 10:48:01	<div style="width: 0%;"></div>	Exception	
2020-04-11 10:47:39	<div style="width: 0%;"></div>	Exception	

Encode Parameters

- Remotely configure the encode parameters of MNVR, it supports batch configuration.
- Displays the results, succeeded or exception.

Other Configuration

The screenshot shows a web-based configuration interface. On the left is a vertical sidebar with five menu items: 'Package Management' (with a folder icon), 'Device Remote Upgrade' (with a green plus icon), 'Device Batch Config' (with a green plus icon), 'Configure Mobile Information' (highlighted in blue with a mobile phone icon), and 'Active Security Rule' (with a shield icon). The main content area is titled 'Configure Mobile Information' and contains three settings: 'GPS Upload Interval' is a text input field containing the number '6' followed by '(s)'; 'Distance Unit' has two radio buttons, 'km' (which is selected) and 'mile'; and 'Geographical Location Analysis' is a toggle switch currently set to 'OFF'. At the bottom of the main area are two buttons: a blue 'Apply' button and a grey 'Cancel' button.

Others

- GPS upload interval configurable (6-60s)
- Distance unit configurable (km, mile)
- Geographical location analysis (Extra purchase, free version and limited access)

Active Safety management

DMS

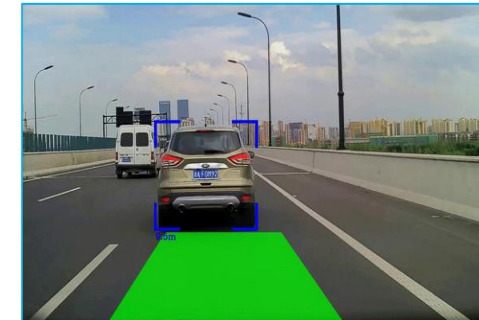


Drowsy driving

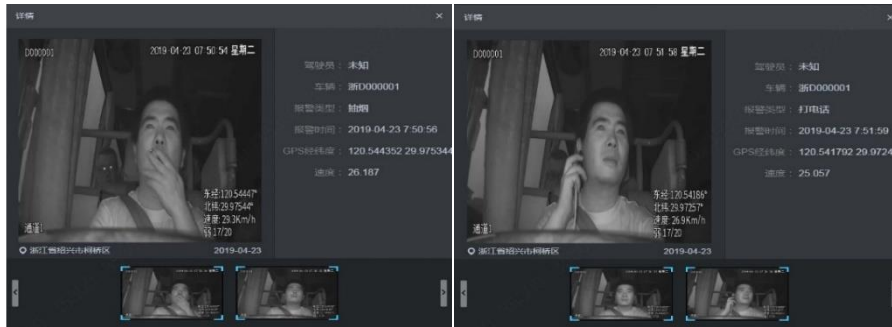


Distracted driving

ADAS



Forward collision warning



Smoking/Calling



Lens tampering

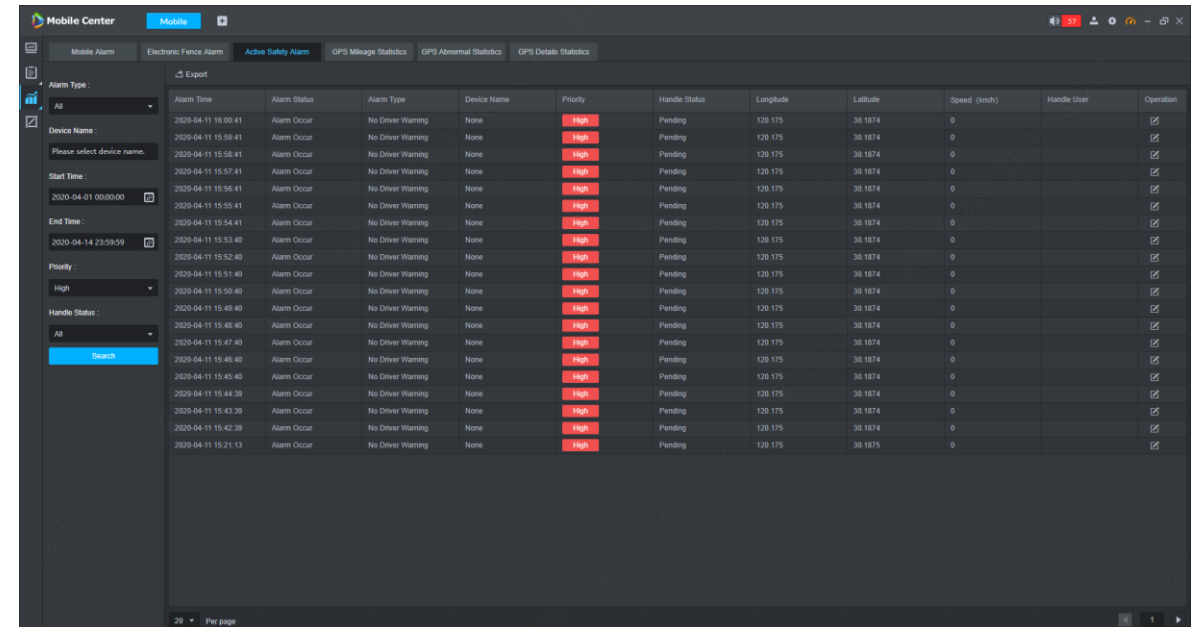
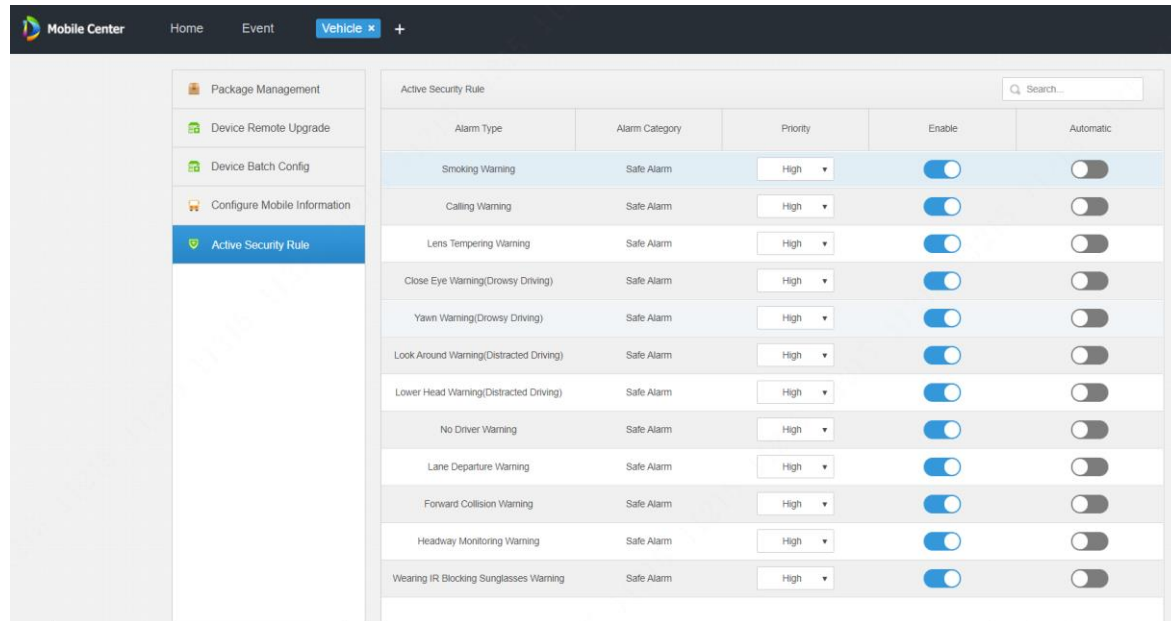


Lane departure warning

Active prevention

- When these behaviors happen, system will warn the driver and upload the alarm to the control center as evidence, eventually to decrease accidents.

Active Safety management



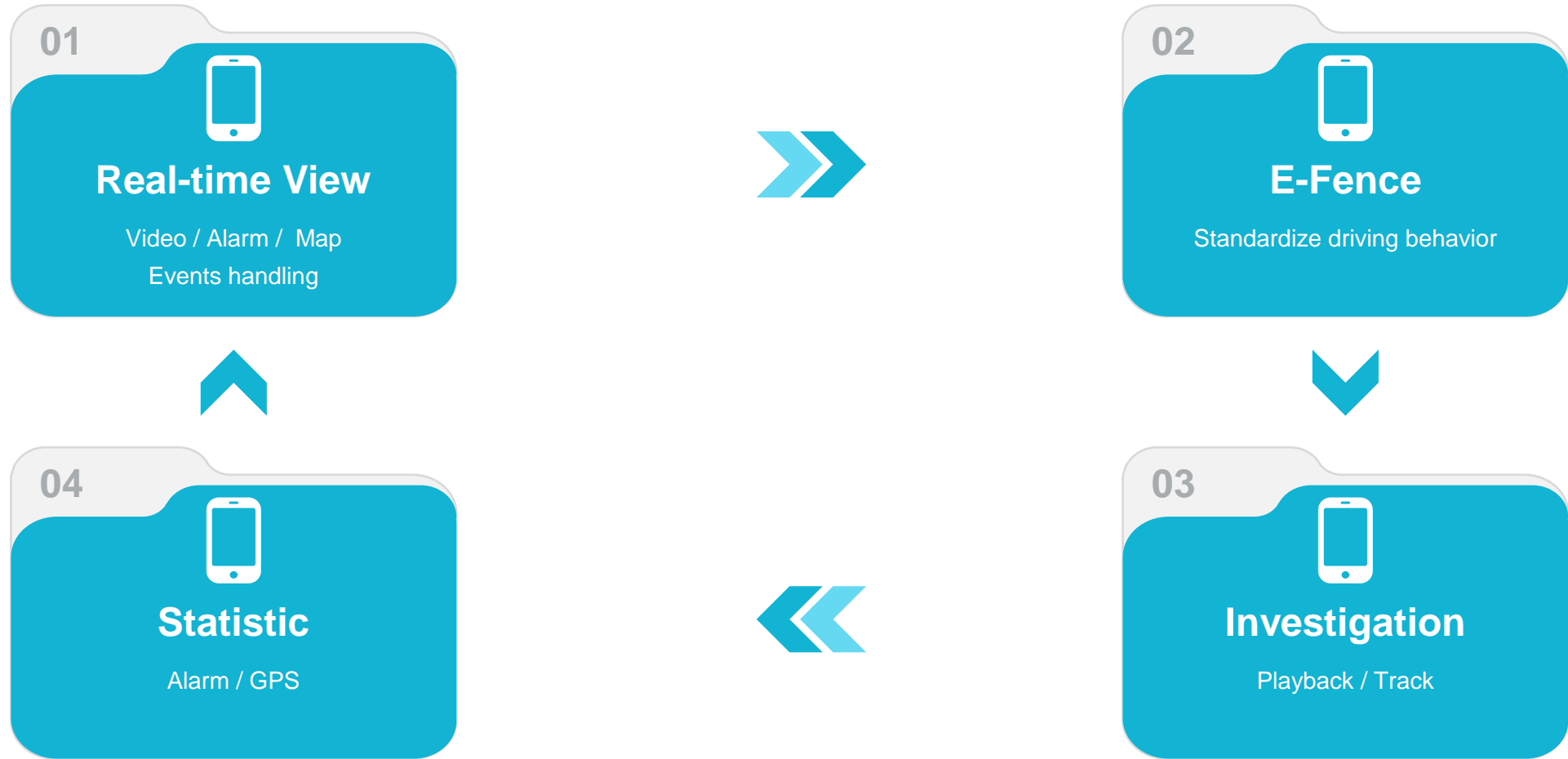
1. Active Security Alarm Subscription

- **Enable** indicates whether you need to subscribe to this alarm.
- **Automatic** represents whether the alarm needs to be handled manually.

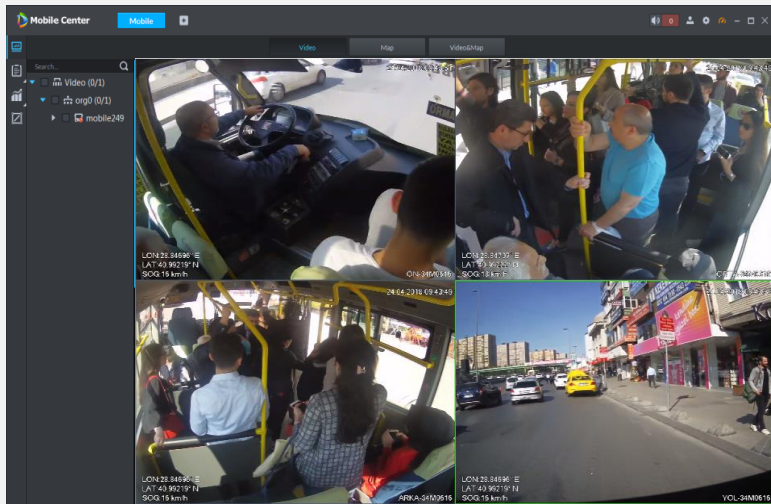
2. Active Security Alarm Center

- When an alarm occurs, the Mobile Center will remind in various ways;
- Real-time display active safety alarm information;
- Query and export the related alarm information;

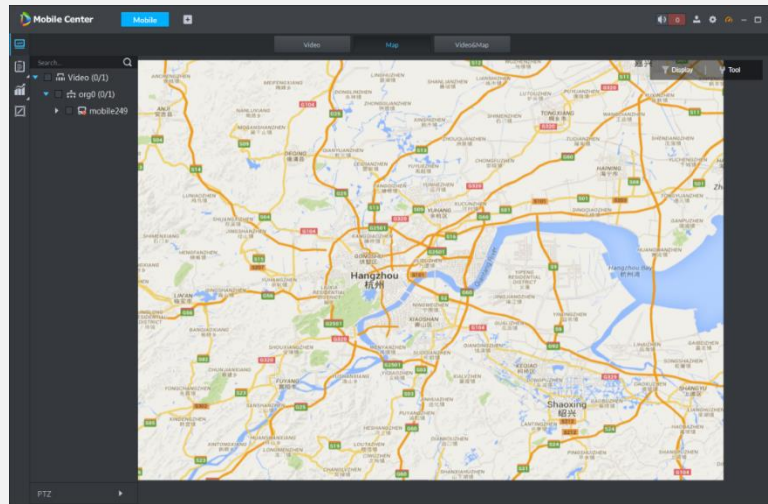
Monitor Center



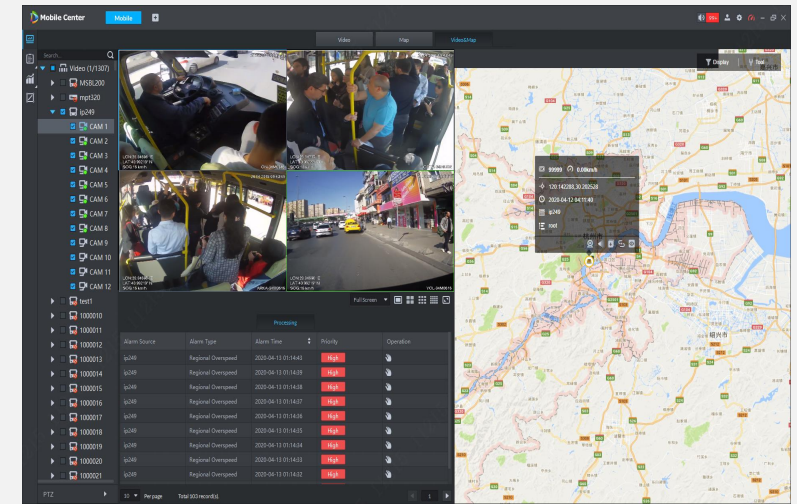
Monitor Center | Live View



Video



Map



Map + Video

Three Modes

Monitor Center | Live View

The interface displays a 'Mobile Center' window with a sidebar on the left containing a search bar and a list of video feeds (CAM 1-12, test1, 1000010-1000021). The main area is divided into three sections: a top-left grid of four video feeds showing bus interiors and exteriors; a top-right map view of Hangzhou, China, with a vehicle icon and a data popup; and a bottom-left table of alarm records.

Alarm Source	Alarm Type	Alarm Time	Priority	Operation
ip249	Regional Overspeed	2020-04-13 01:14:43	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:39	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:38	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:37	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:36	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:35	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:34	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:33	High	[Hand icon]
ip249	Regional Overspeed	2020-04-13 01:14:32	High	[Hand icon]

This close-up shows the 'Display' menu with options for 'vehicle...' and 'electro...'. The 'Tool' menu includes 'Length', 'Area', 'Mark', and 'Reset'.

This close-up shows the vehicle data popup for ID '99999'. It displays a speed of 42.18km/h, coordinates (120.134057, 30.196526), and a timestamp of 2020-04-12 04:47:01. The vehicle name 'ip249' and 'root' are also visible.

This close-up shows a button labeled 'Voice Intercom Device ip249' with a microphone icon and a 'Work' button below it.

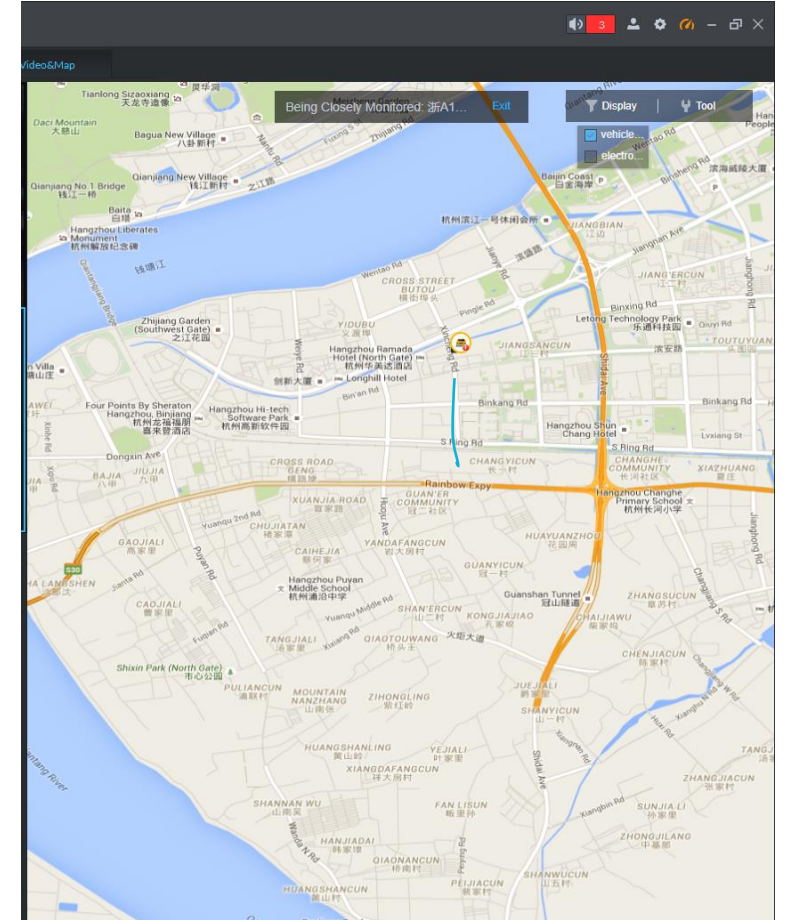
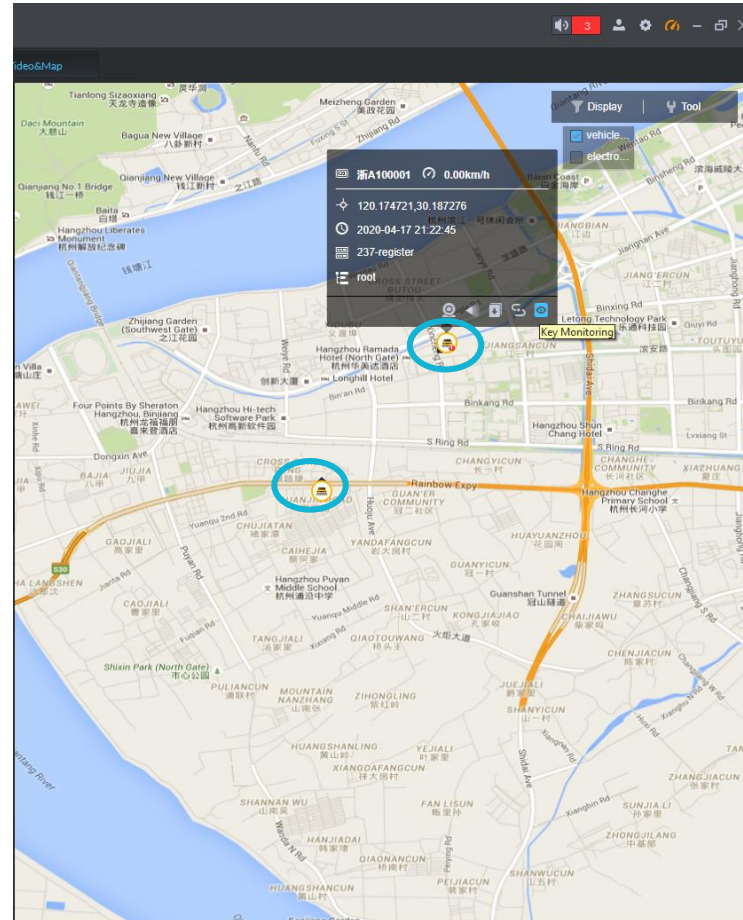
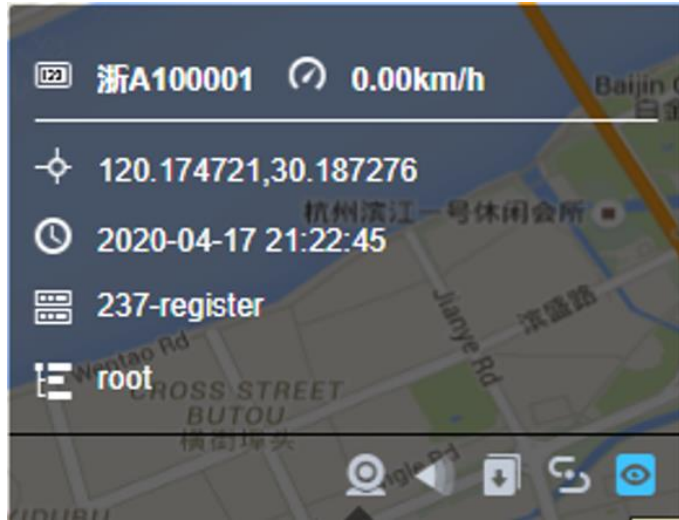
Real-time alarm information display:
car alarm, video alarm, E-Fence alarm, active safety alarm



Alarm Icon

Audio Talk

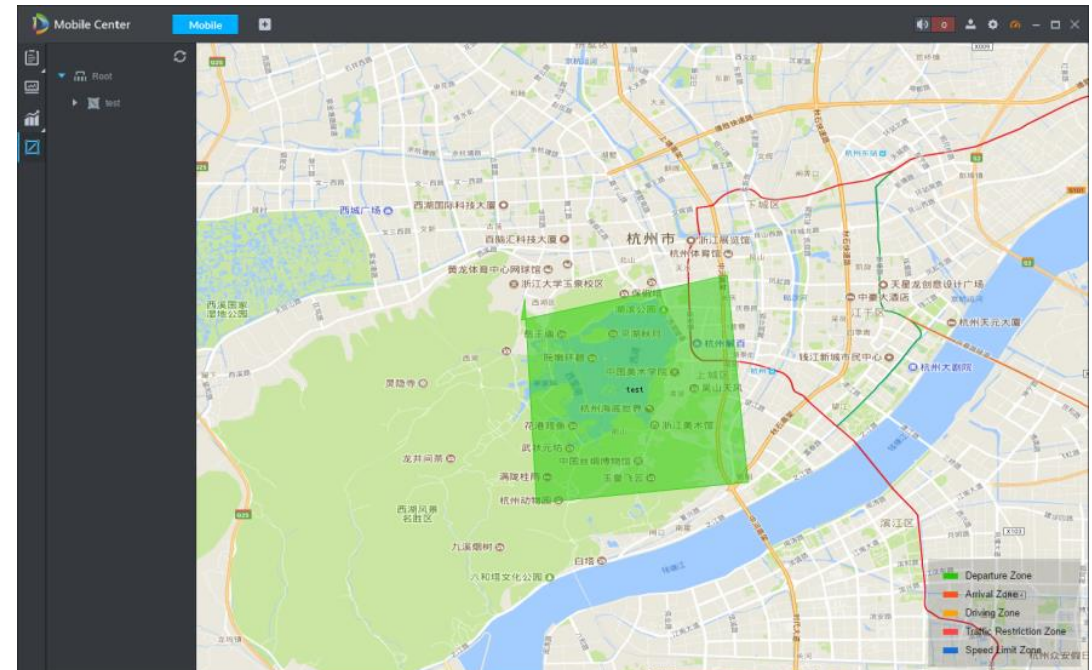
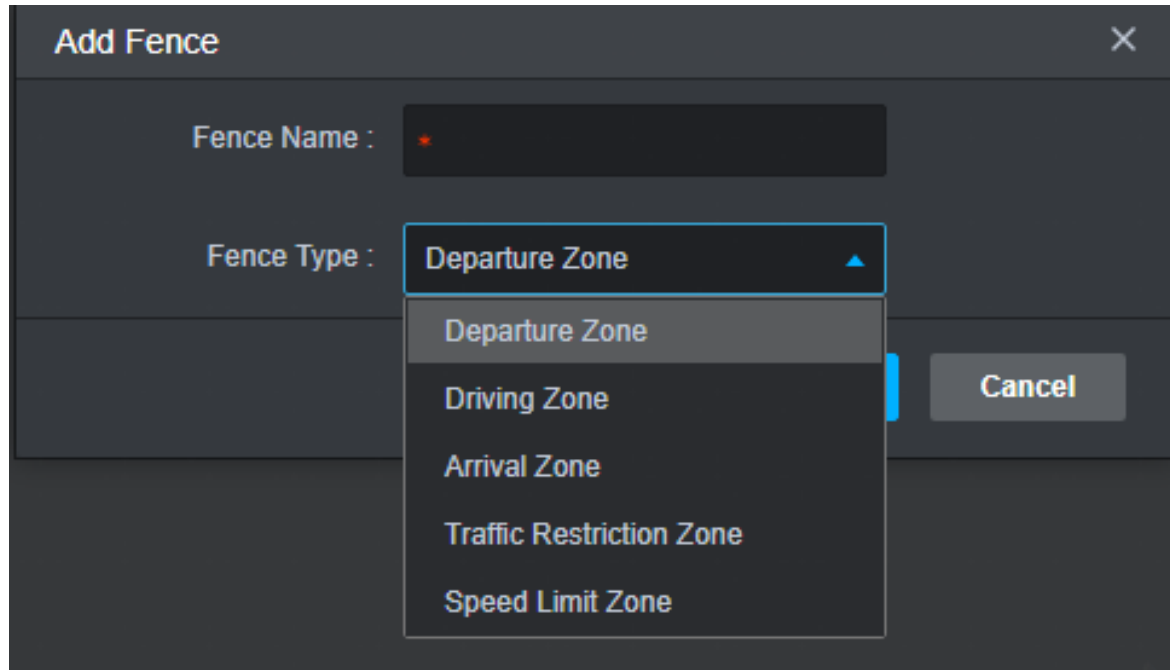
Monitor Center | Key Monitoring



Key Monitoring

For vehicles that need to be focused on, you can use key monitoring.
Only key monitoring vehicle are shown on the map.

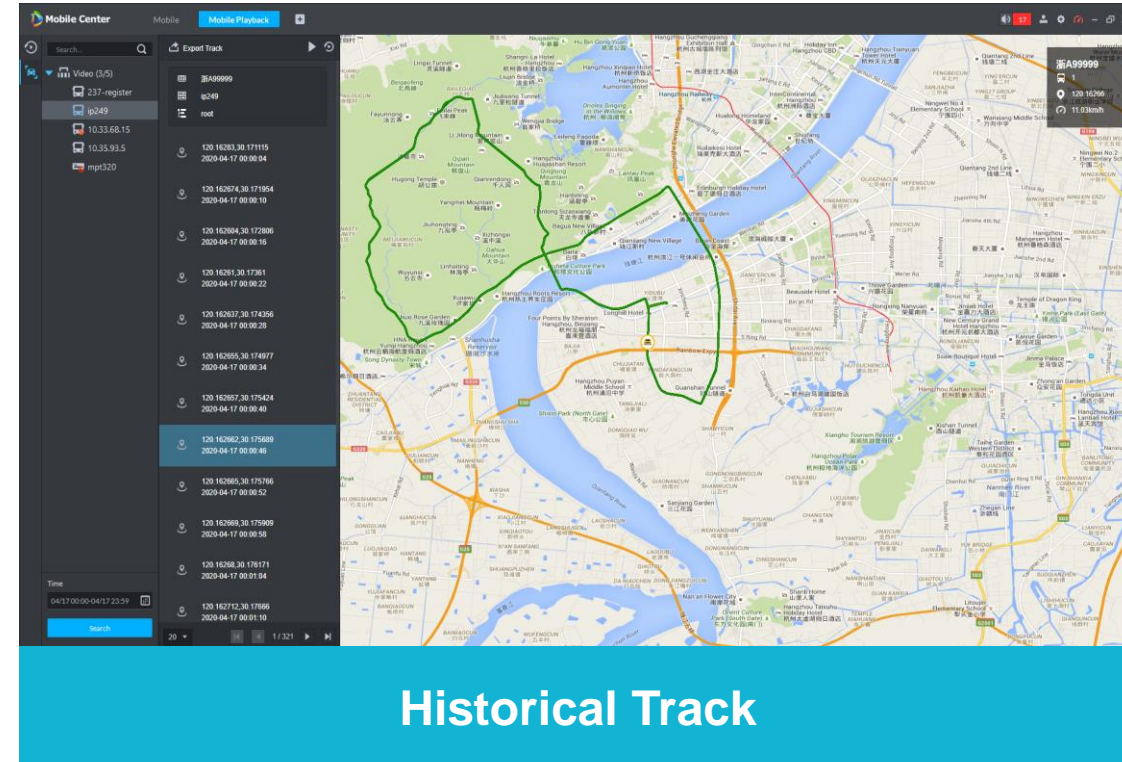
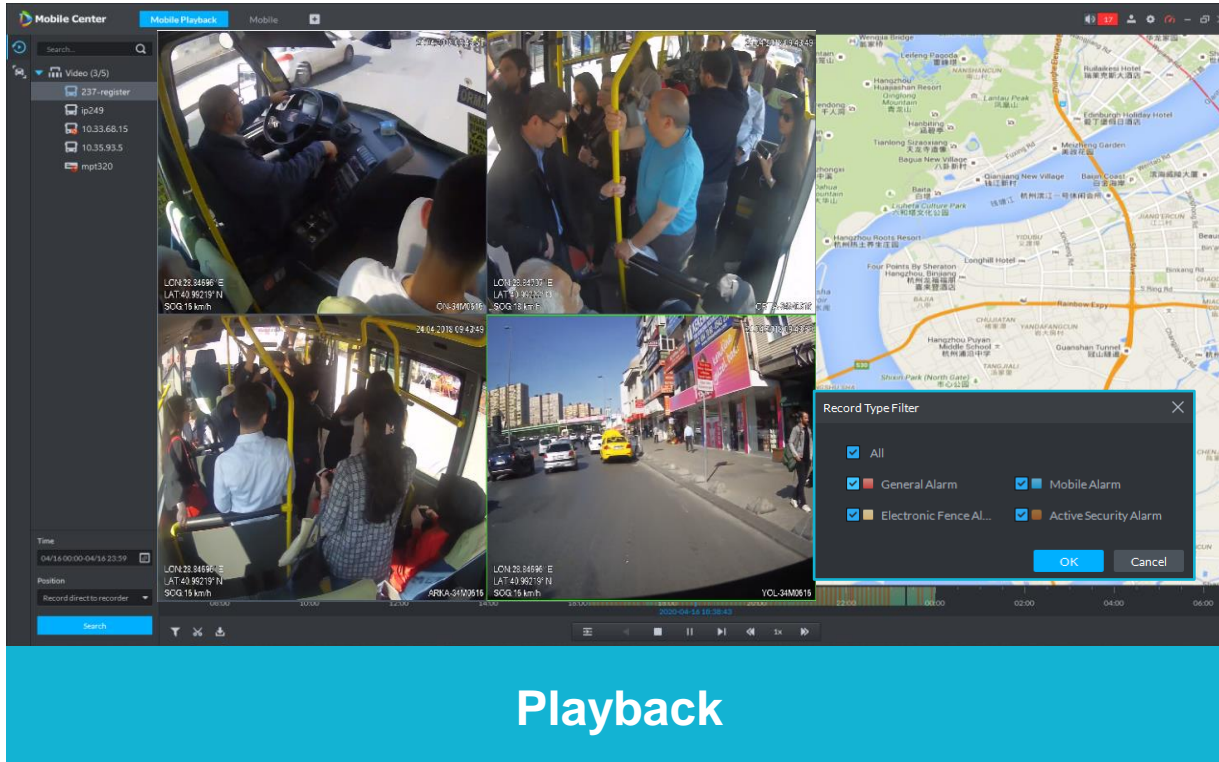
Monitor Center | E-Fence



➤ **Mobile Center supports E-Fence set:**

- Departure Zone / Driving Zone/ Arrival Zone / Traffic Restriction Zone / Speed limit Zone.
 - Bind the electronic fence with mobile device.
- When the vehicle is out of the area, Mobile Center will trigger the warning, and pop up an alarm
- When the control center get the alarm, they can start audio talk with the driver to know the situation.

Monitor Center | Investigation



Easy to get post-event evidences

- Supports video query and playback, including MNVR video, central video, alarm video.
- At the same time can show historical route of vehicle.

Monitor Center | Vehicle Statistics

Mobile Alarm

- Search alarms from mobile device;
- Lists alarm history, including device name, abnormal zone info, alarm type, time, location.

E-Fence Alarm

- Search E-fence alarm by setting conditions.
- Lists alarm history, including device name, abnormal zone info, alarm type, time.

Active Safety Alarm

- Search Active safety alarm history, including active safety alarm location, time, alarm type, speed.

GPS Mileage

- Search and display the mileage of the different vehicles .
- Supports exporting.

GPS Abnormal

- Lists abnormal situation, such as Mobile Center has not received GPS info within a certain period of time(hours)

GPS Detail

- Lists detail info of the vehicle, including plate No, location, speed, device name, and device ID.

The screenshot shows the 'Electronic Fence Alarm' section of the Mobile Center interface. The navigation bar at the top includes tabs for Mobile Alarm, Electronic Fence Alarm, Active Safety Alarm, GPS Mileage Statistics, GPS Abnormal Statistics, and GPS Details Statistics. The main content area displays a table of alarm records with the following columns: Device ID, Device Name, Area Name, Max Speed(km/h), Alarm Type, Alarm Status, Handle Status, Alarm Time, Handle Time, Handle Message, Handle User, and Operation. The table contains 15 rows of data, all showing 'Regional Overspeed' alarms for device 'ip249' in the '限速35' area. The search sidebar on the left includes fields for Device ID, Alarm Type (set to 'All'), Alarm Start Time (2020-04-13 00:00:00), Alarm End Time (2020-04-13 23:59:59), Handling Start Time, Handling End Time, and Handle Status (set to 'All'). A 'Search' button is located at the bottom of the sidebar.

Device ID	Device Name	Area Name	Max Speed(km/h)	Alarm Type	Alarm Status	Handle Status	Alarm Time	Handle Time	Handle Message	Handle User	Operation
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:25				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:21				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:20				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:19				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:18				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:17				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:16				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:15				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:14				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:13				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:12				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:11				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:10				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:09				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:08				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:07				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:06				☑
1000003	ip249	限速35	35	Regional Overspeed	Alarm Occur	Pending	2020-04-13 03:52:05				☑

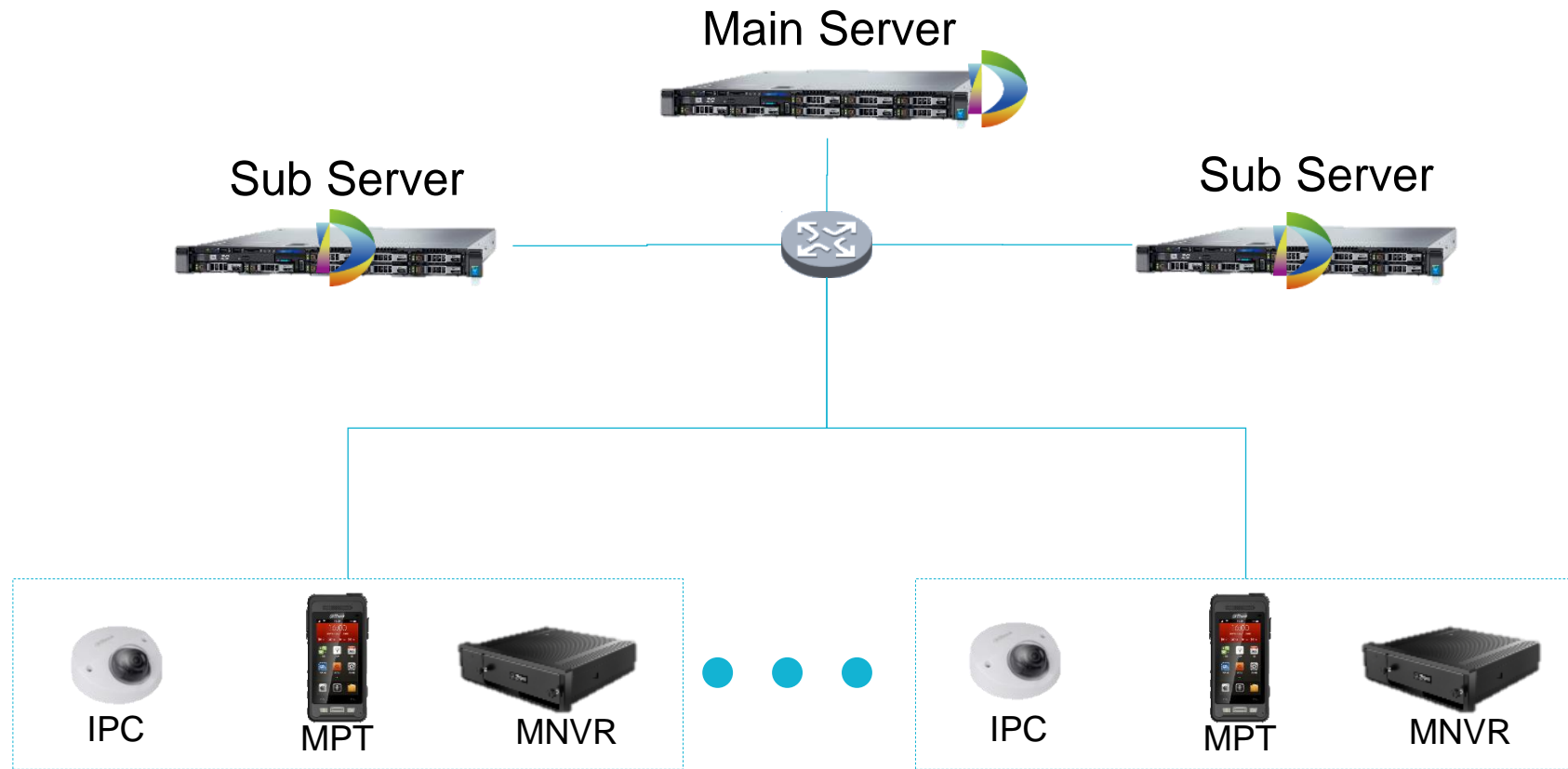
/04

Highlights

DISTRIBUTION / HOT STANDBY / SYSTEM BACKUP /
RECORDS BACKUP

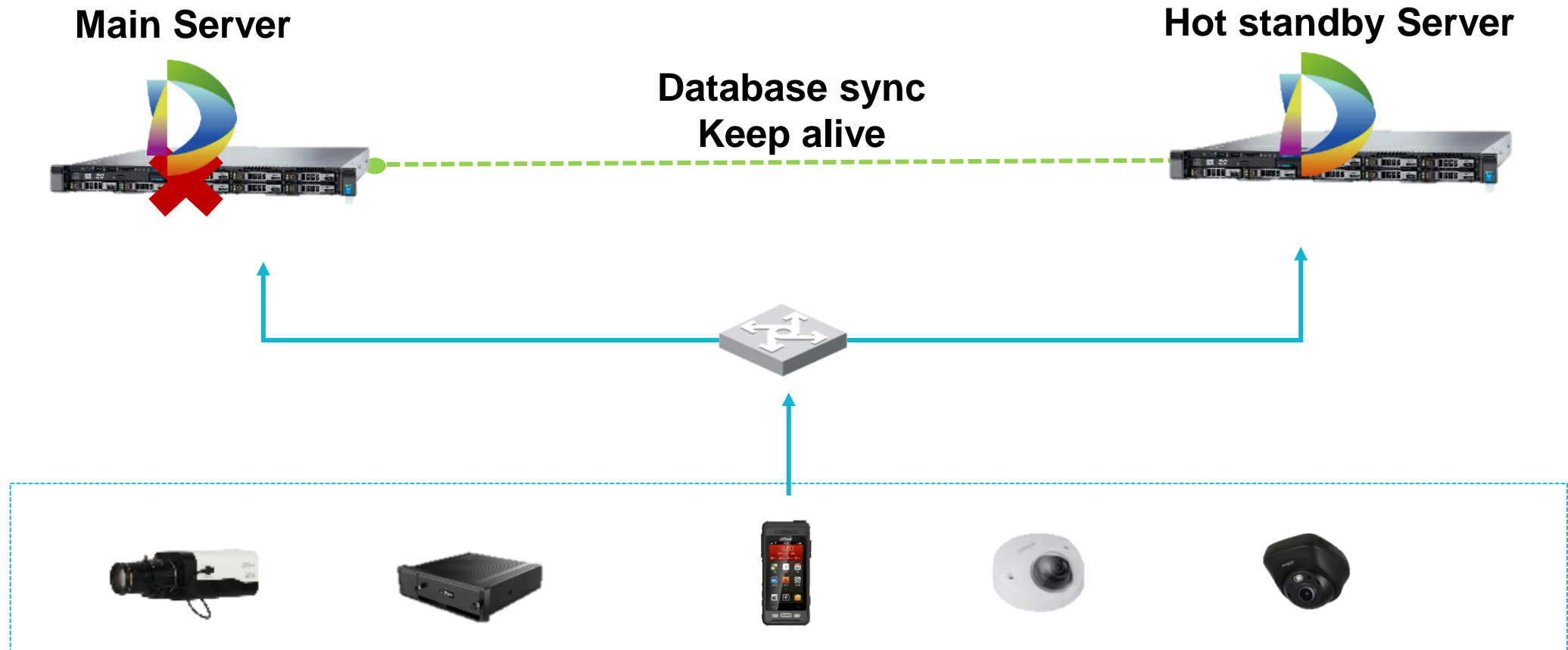


Distributed System | Up to 10000 channels



Up to 5 sub servers , 5000 devices, 10000 channels.

Hot Standby



When abnormal behavior is detected on the server, hot-standby server will work instead to ensure the service stability.

System Backup and Restore

Data Backup



Backup

- Manual backup
- Automatic backup

Data Restore

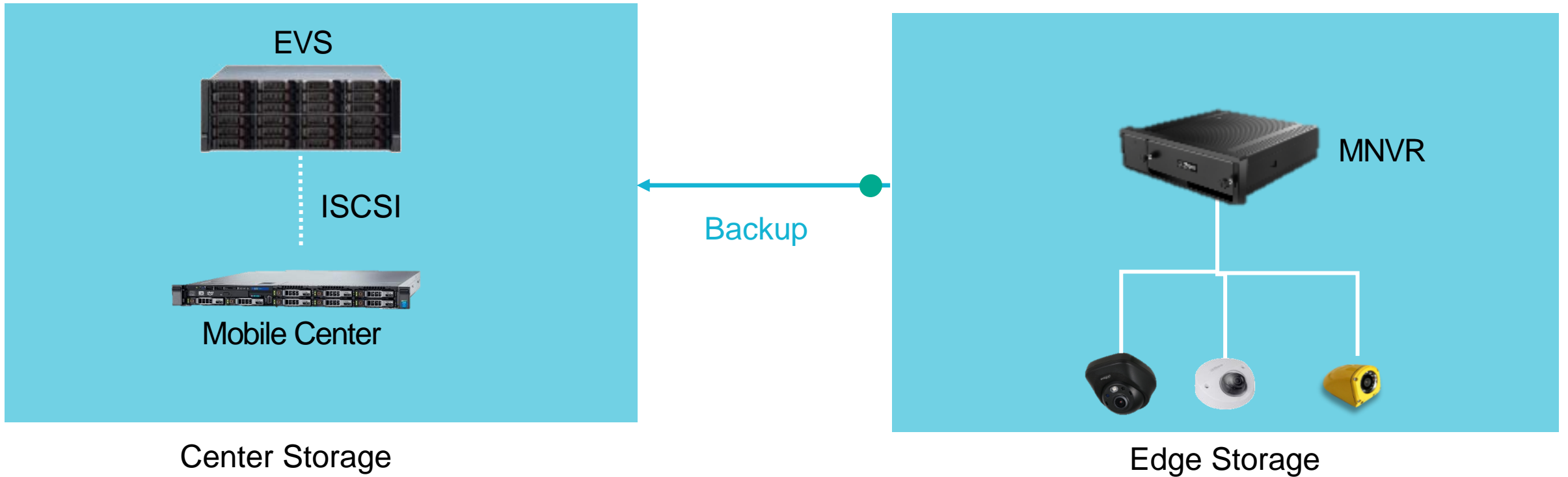


Restore

- Restore from local PC
- Restore from server

The system periodically back up setting, organization user, storage plan, device info, alarm scheme and etc. When system data are lost, you can restore system data via backup file.

Backup MNVR Records to Center



During the specified time period, or when the MNVR is connected to the WIFI, Mobile Center will download the video from the front-end MNVR and storage. It will not occupy 4G bandwidth, reduce costs and ensure records safety.

/05

Sales Strategy

PRODUCT+SERVICE / REMIND.



Sales Strategy

Product

From 64 to 16

Product	Model	Description	PN
Base	DHI-MobileCenter-Base-License	Mobile Center base package license with 16 auto register video channels	2.9.03.01.10052
Channel	DHI-MobileCenter-Video-Channel	Auto register video channel license(one license per channel)	2.9.02.07.10004
Customization	CUS-DAE-SOFTPLATFORM-OVERSEA	Custom Development Service	2.0.03.01.0437

Services

Consistent with DSS series



Basic Technical Support Services

- Phone 5*8hours
- Email



Software Support & Upgrading Service

- 3 years free(Baseline)
- 1 years free(Customization version)
- Upgrading service



Custom Development Service

- Requirement Design
- Development
- Test
- Remote installation support
- Offers the upgrading operation document



Thanks

Mobile Center

PROFI
SYSTEMS



PROFI

SYSTEMS

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