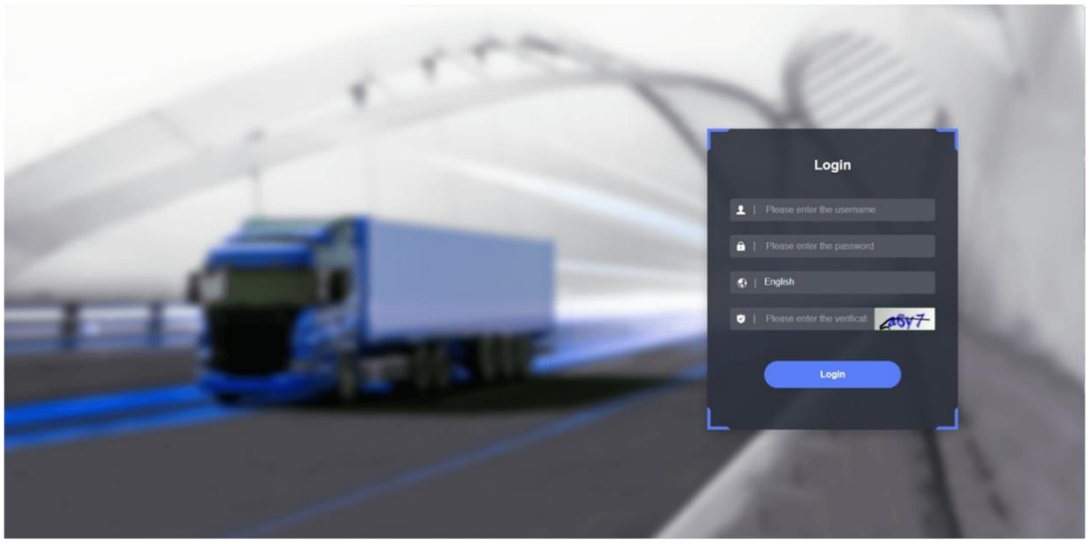
FT Cloud 3.0 User Manual

FT Manager



Streamax Technology CO.,Ltd

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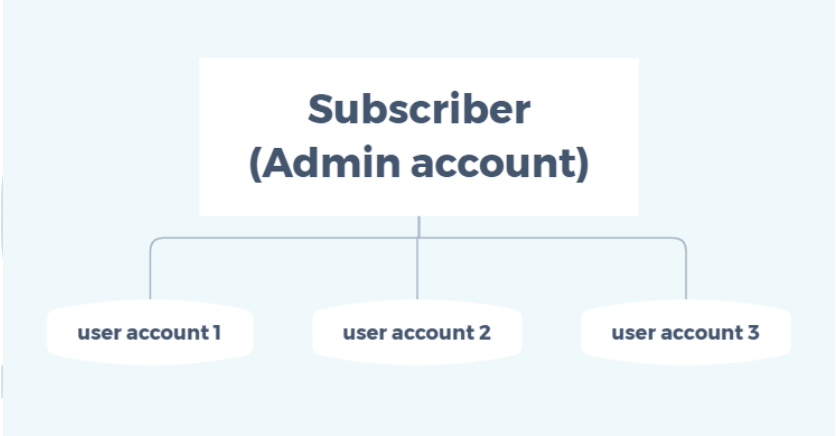
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Streamax

1.0 FT Hierarchical Structure and Roles

1.1 Subscriber and User

The "Subscriber" can be understood as a company. The main subscriber and the sub-subscribers form a subordinate organizational relationship and are relatively independent. The "User" can be understood as the staff of the company, and every staff is distributed with an ID that is the login account on the platform. Several Users can subordinate to one Subscriber. When your company is provided with a Subscriber account, it is initially bound with an administrator account, and you can first login the FT platform by this account. In addition, you can also create other common User Accounts under the administrator account, and assign the accounts to other staff or the Fleet Manager.

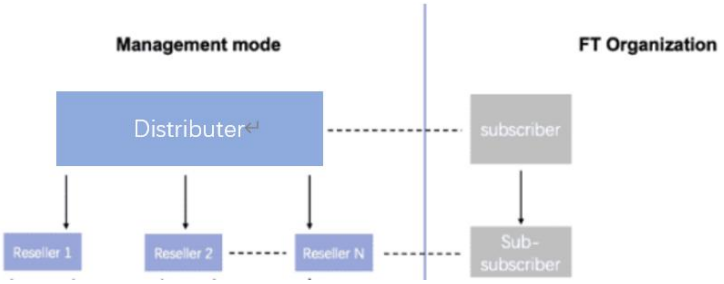


1.2 Management Mode

The FT platform provides you with the separate subscriber management mode and the unified self-operation management mode based on the usage scenarios. You can select any of the two management modes according to the sales model.

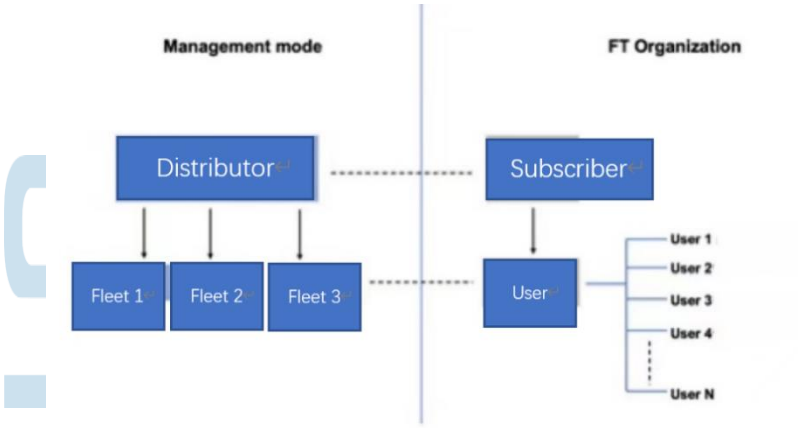
1.2.1 Separate Subscriber Management Mode

Separate subscriber management mode: If you have a subordinate reseller or an integrator customer rather than a directly supported fleet customer, we suggest that you can create Sub-subscriber Accounts for your customers, and the data between Sub-subscribers is completely non-interchangeable. Meanwhile, you cannot directly enter the subordinate Sub-subscriber account by the Subscriber account for viewing and operation (unless you are authorized by your reseller customer to view data), so as to prevent the risk of information disclosure. You can guarantee the confidentiality of data to your reseller customers. Now, you can assign the User Accounts created to your operational staff, create Sub-subscriber Accounts for the customers, and make relevant initialization settings.



1.2.2 Unified Self-operation Management Mode

Unified self-operation management mode: when you provide services directly to a fleet, you shall obtain the data of all vehicles, and provide unified safety management services for the fleet. In this mode, you do not need to create Sub-subscriber Accounts downward, but set up User Accounts for the Fleet Manager, and authorize the fleet data under Fleet Manager's management to this User.

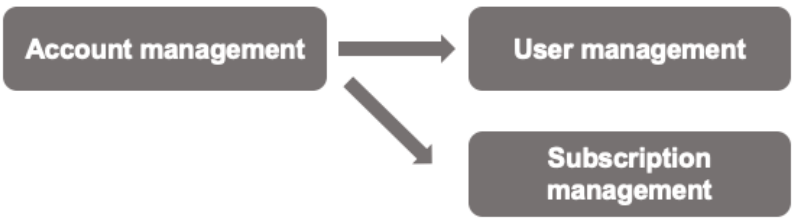


1.3 Types of FT Management Function

The management modules on the FT Manager platform are divided into such three categories as the account management, the alarm management and the data management.

1.3.1 Account Management

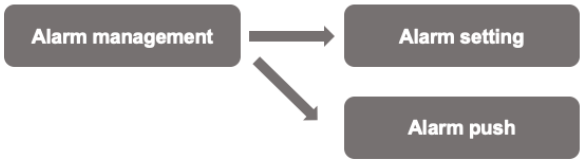
According to the business type, the Subscriber should confirm whether to set up a Sub-subscriber, and clarify the purpose for opening a User account, so as to authorize the corresponding platform use or fleet data use.



1.3.2 Alarm Management

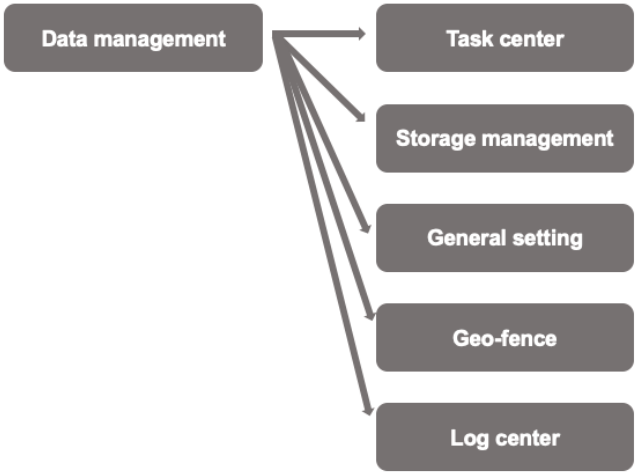
The main purpose of alarm management is to manage the alarms uploaded to the platform, such as

classifying the alarm types, and customizing the alarm levels and alarm push.



1.3.3 Data Management

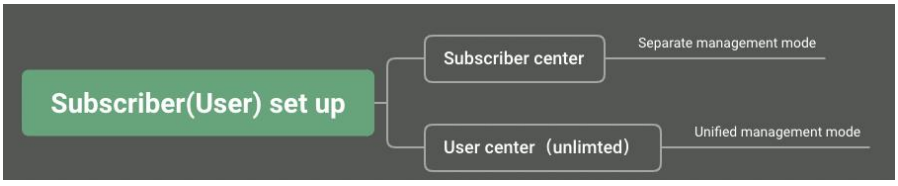
The main purpose of data management is to enable viewing and management of the platform data. Users can both query the account login report and task export log, and agree to delete the data generated by the platform.



1.4 Management Processes

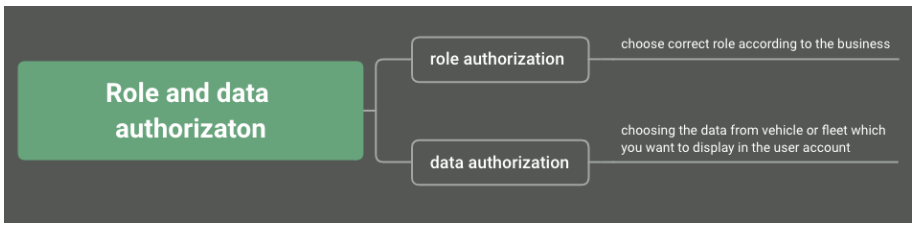
The FT Manager uses different function modules in different management stages. In the initial stage of management, some management entities should be set up, including the Subscriber and Users. A Subscriber is set up by the superior Subscriber, while a user is set up by the current Subscriber. The created User account cannot be formally used without certain settings of permission, roles, data, etc. In order to facilitate Users to carry out targeted management of the fleet and configure the Auto Uploading Setting and alarm level, the basic process is as follows:

① Creation of Subscriber (User) account: The Subscriber can establish a Subscriber account and User account in the current organization structure according to the actual management mode. A Subscriber account can create an appropriate number of User Accounts according to the actual management situation and personnel arrangement.

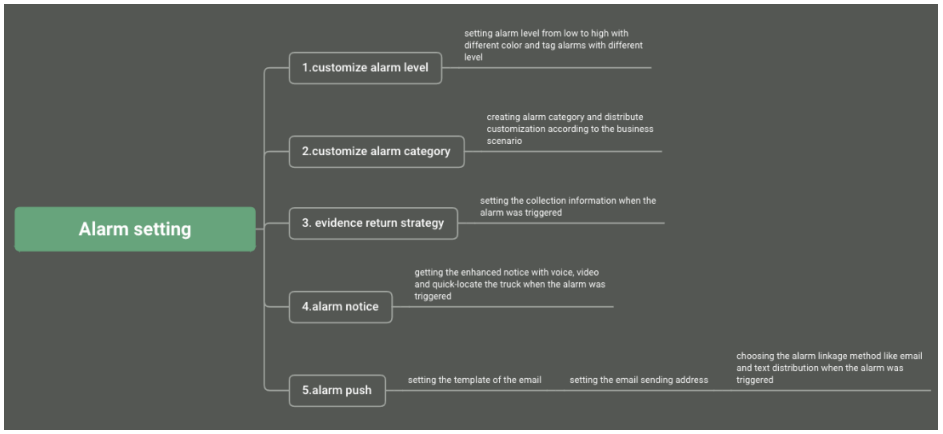


② Role binding and data authorization: The created user shall be granted with certain function authority and data preview authority before formally participating in the fleet management

process. Different roles may have single or multiple different function authorities. Users can select the default role based on business scenarios and function authorities, or customize roles according to special scenarios (contact the Streamax team for this function).



③ Formulation of alarm strategy: After the basic setting of user is completed, the alarm data shall be set, including the customizing alarm level, customizing alarm type, alarm uploading strategy, automatic processing of uploaded alarms, alarm linkage setting, etc. The sequence of processes is as follows.



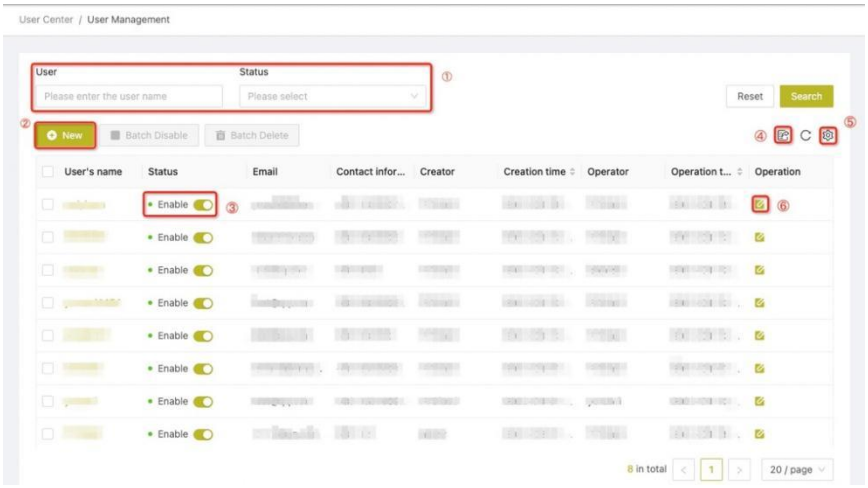
After the above operation is completed, you can have the extreme experience brought by FT vision.

2.0 Function Modules of FT Manager

2.1 User Center

2.1.1 User Management

This module is the unique access for creating Users, authorizing platform functions and authorizing data. All opened User Accounts are displayed in the current list, and subject to edition and enable control. Refer to the picture below for the function options:

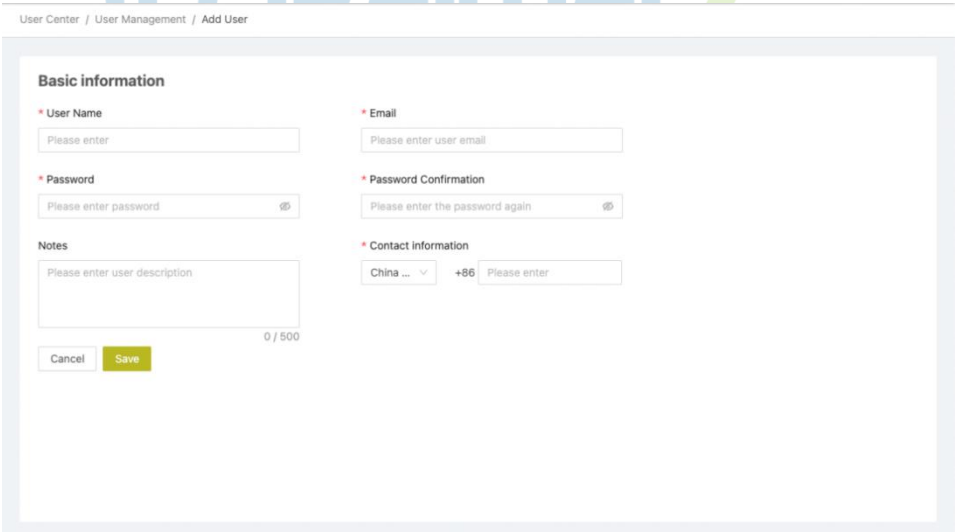


① Search user information

The required User account can be found by searching with the complete Username or fuzzy user information, or by screening the enabling status of accounts. The words for searching are not case-sensitive.

② Creation user

Click **New** in the interface to enter the interface of creating a new user, and on this interface, it is required to edit the **User Name**, **Email**, **Password** (password format: uppercase letters + lowercase letters + numbers + special characters), **Contact information** and **Notes**. The new role information can be created by clicking **Save**.

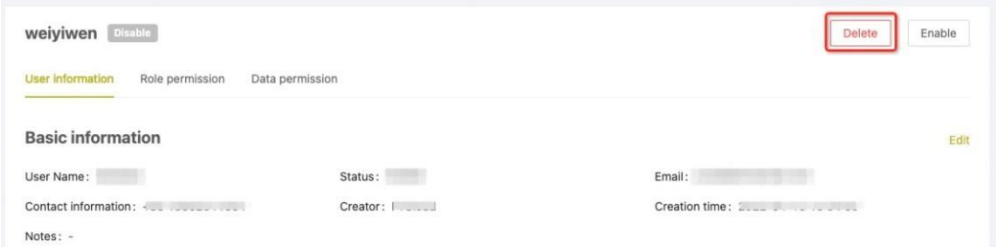


③ Status enabling

This function can change the enable status of the current account. When an account is changed from "enable" to "disable", it can be deleted. For an account in disable status, the User will no longer be able to log in to the platform with this account.



The User account can also be deleted in account details page by clicking the **User Name**.

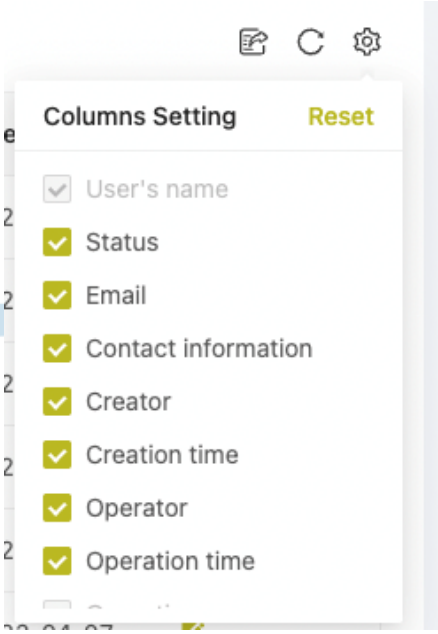


④ List exporting

All user lists and their basic information can be exported to a local document.

⑤ List setting

The basic information displayed on the list can be selected through this setting function, including status, email, contact information, creator, creation time, etc.

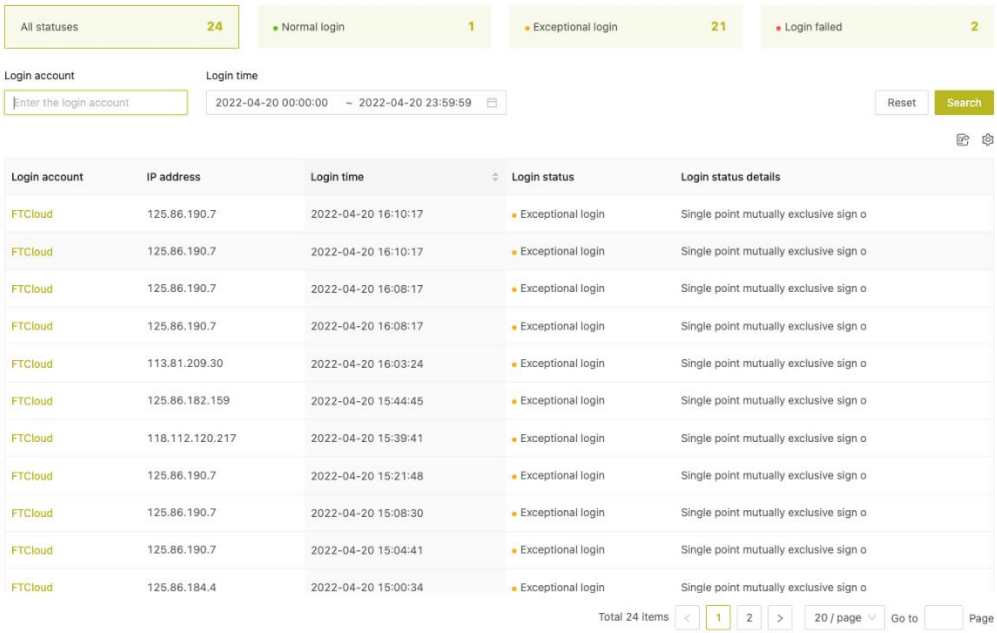


⑥ Modification of user information

On this interface, the operator can view and modify the basic information of Users, and further change the authorized data of binding roles after saving the basic information.

2.1.2 Login Report

This module mainly helps Users (fleet owners/operators) monitor and verify the records of login to the platform, including login account, login IP, login time, login status, etc. The number of different statuses is also counted at the top of the page. Users can also enter the account name and time for fuzzy search.



2.2 Subscriber Center

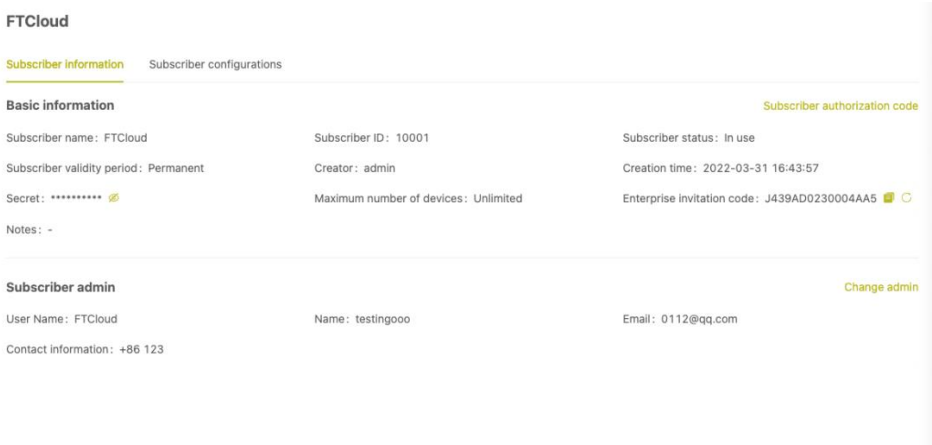
When you have a reseller customer rather than a directly supported fleet, we recommend that you can use the function of the Subscriber Center to create a Sub-subscriber account for the reseller customer.

By creating Sub-subscriber Accounts for different resellers, you can completely separate the data of each reseller. These Sub-subscriber Accounts are not interoperable. Meanwhile, you cannot directly enter the subordinate Sub-subscriber account by the Subscriber account for viewing and operation (unless you are authorized by your reseller customer to view data), so as to prevent the risk of information disclosure. You can guarantee the confidentiality of data to your reseller customers.

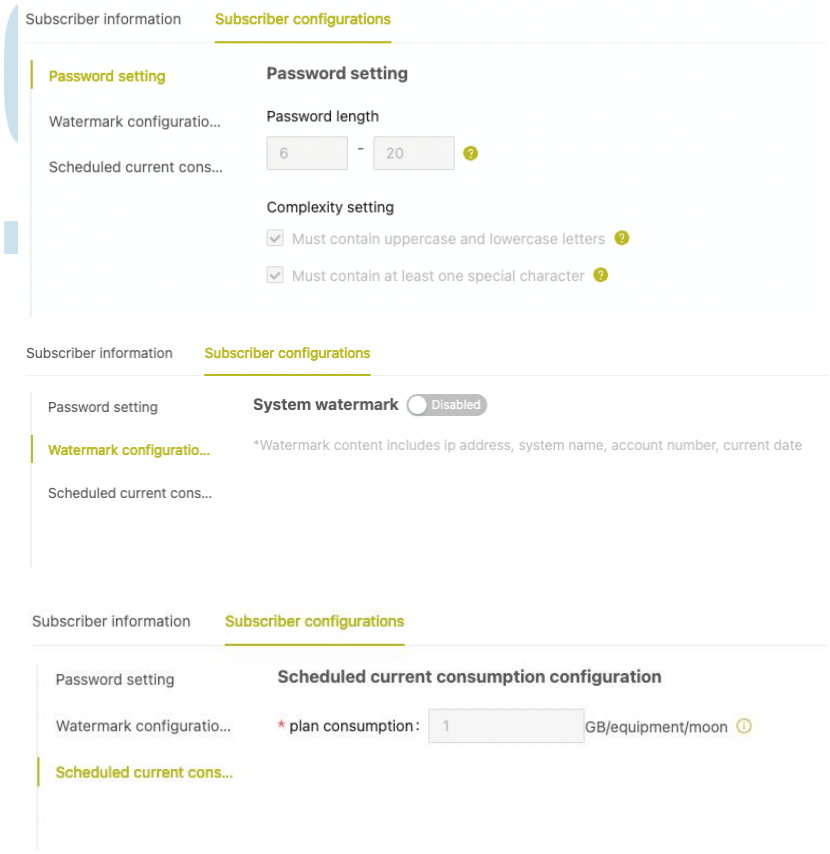
Subscribers and Sub-subscribers are inherited, and the function scope and authorities of the sub-subscribers can only be less than or equal to those of the subscribers. That is to say, the duration of a Sub-subscriber account created by you on the platform cannot exceed the period of service that you purchase from Streamax.

2.2.1 Subscriber Details

The Subscriber Information interface mainly displays the main information of your current Subscriber account, including the **Subscriber name**, **Subscriber validity period**, **Subscriber ID**, **Secret**, **Maximum number of devices**, **Subscriber status**, **Creation time**, etc.

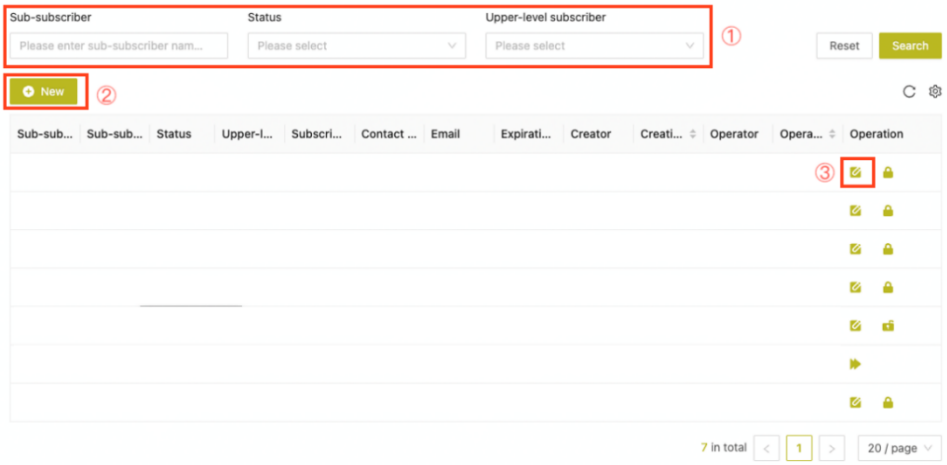


The Subscriber Configuration interface is mainly used for basic information configurations of Subscriber Accounts, including password setting, watermark configuration and use restriction of mean vehicle flow. The password setting mainly involves the length and format (uppercase or lowercase letters, and special characters) of passwords. For the flow setting, you can set your expected monthly mean vehicle flow consumption, and the Dataflow Center of FT Vision will show the analysis of excess flow according to your setting.



2.2.2 Sub-subscriber Management

The Subscriber Management is an interface related to Sub-subscribers, where a Sub-subscriber can be created, deleted, edited and viewed.

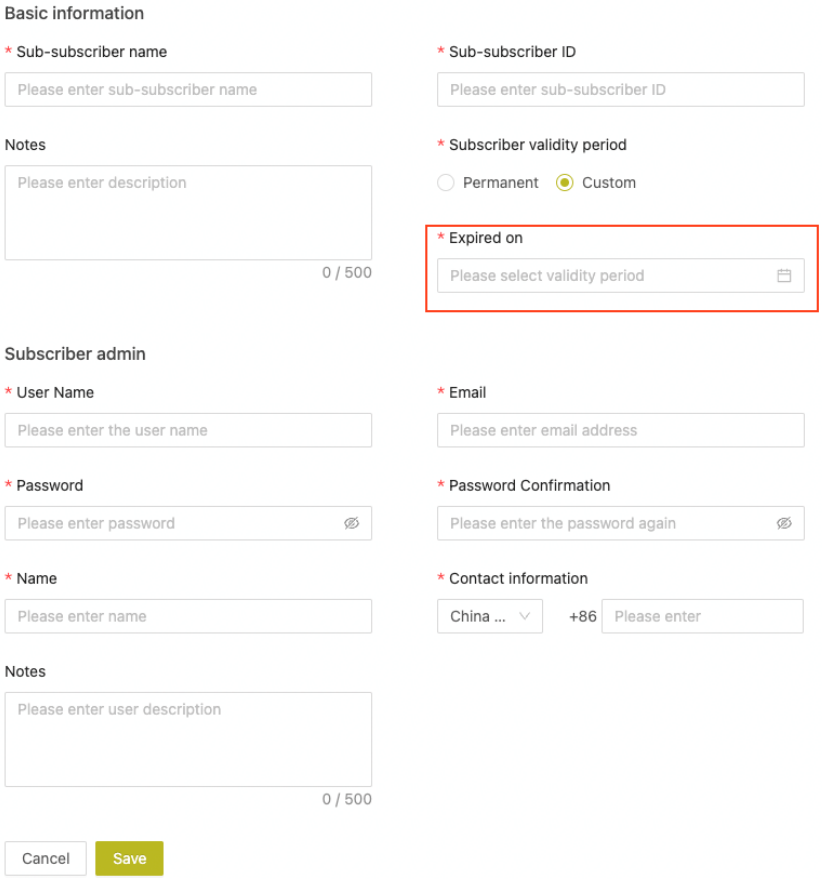


① Search Sub-subscriber

You can find the required Sub-subscriber by searching its name. You can also filter sub-subscriber status, that is, view the normal sub-subscriber, terminated sub-subscriber, and expired sub-subscriber. The words for searching are not case-sensitive.

② Creation of Sub-subscriber

You can enter the sub-subscriber information list by clicking **New** in the interface, then you can edit the name and validity period of a Sub-subscriber, and create a super administrator account for the Sub-subscriber. For logging into this Sub-subscriber account on the platform for the first time, you must use the super administrator account. You should note that, the password shall contain uppercase letters, lowercase letters, numbers, and special characters.



Notes:

Sub-subscriber ID is the unique identifier of a Subscriber on the platform, which is related to the actual business purpose.

The period of validity can be set according to the contract signed between you and your reseller customer. When you sign a contract with Streamax, the expiry date of your Subscriber account will also be specified. If your account is about to expire, we recommend that you should renew it to Streamax in time; otherwise; you and your Sub-subscribers will be disabled after the expiry no matter how long you set the validity period for your Sub-subscribers.

③ Information editing

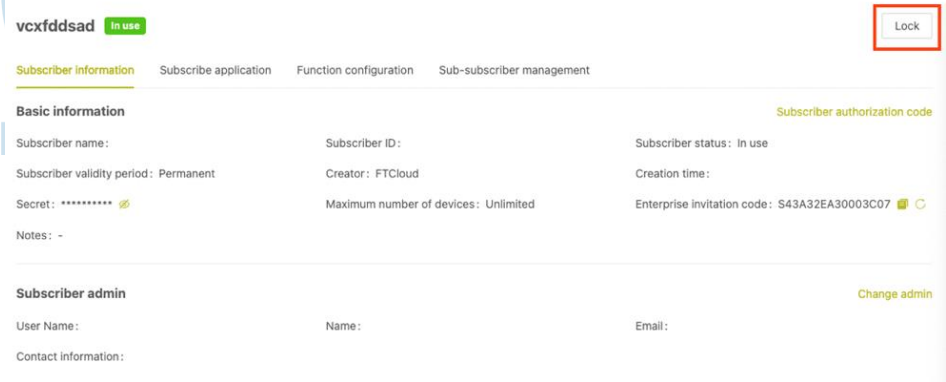
You can edit the Sub-subscriber information by clicking **Edit** in the Sub-subscriber List. Only the name, validity period, and notes of a Sub-subscriber can be modified.

④ Sub-subscriber information viewing

There are four types of information lists on the sub-subscriber details page: **Subscriber information**, **Subscribe application**, **Function configuration**, and **Sub-subscriber management**. On the Subscriber information page, you can view the basic information related to the sub-subscriber and the information related to the super administrator of the sub-subscriber.

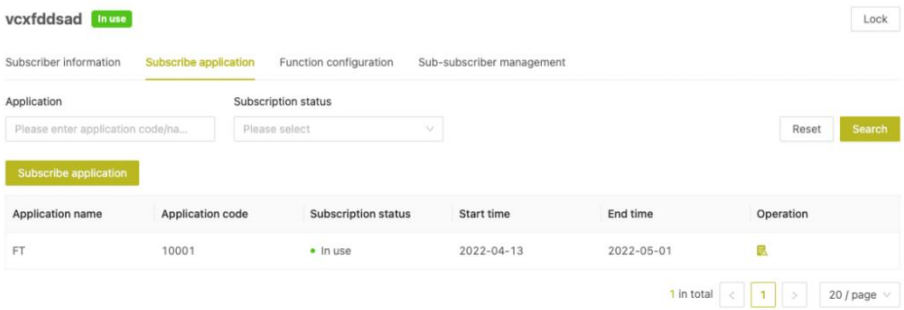
a) Sub-subscriber details: Click a Sub-subscriber in the Sub-subscriber List.

Sub-subscriber disenabling: click **Lock** at the top right of the Sub-subscriber details.



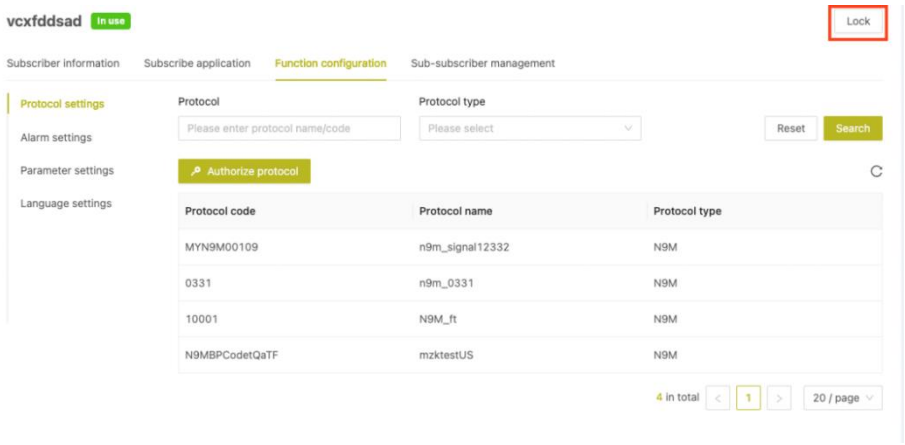
b) Subscribe application

On this page, you can select the applications and valid time available for the Subscriber. At present, you can only select all systems, including FT Manager and FT Vision.



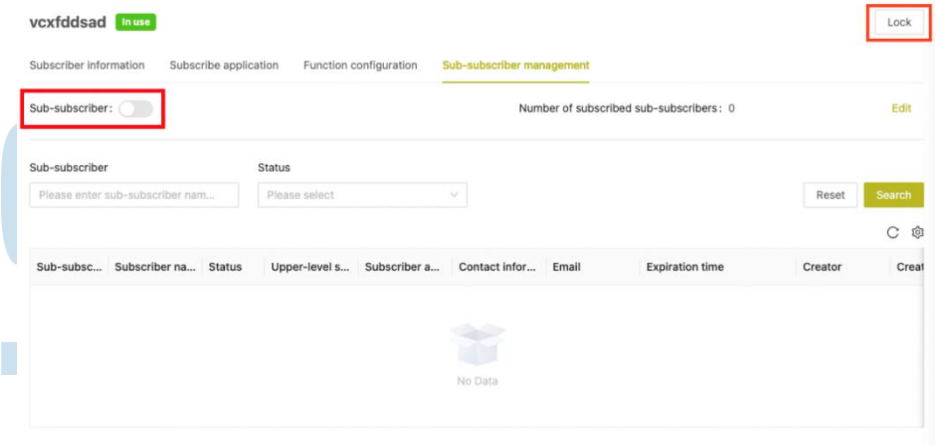
c) Function configuration

On this page, you can set parameters and languages for the Subscriber.



d) Sub-subscriber management

With the Sub-subscriber management, you can check whether the Subscriber has a sub-subscriber and whether the Subscriber is provided with the certain authority.



If your subordinate reseller customer is your directly supported fleet, we don't suggest enabling this authority; if the subordinate reseller customer has its own reseller customer, this authority is recommended.

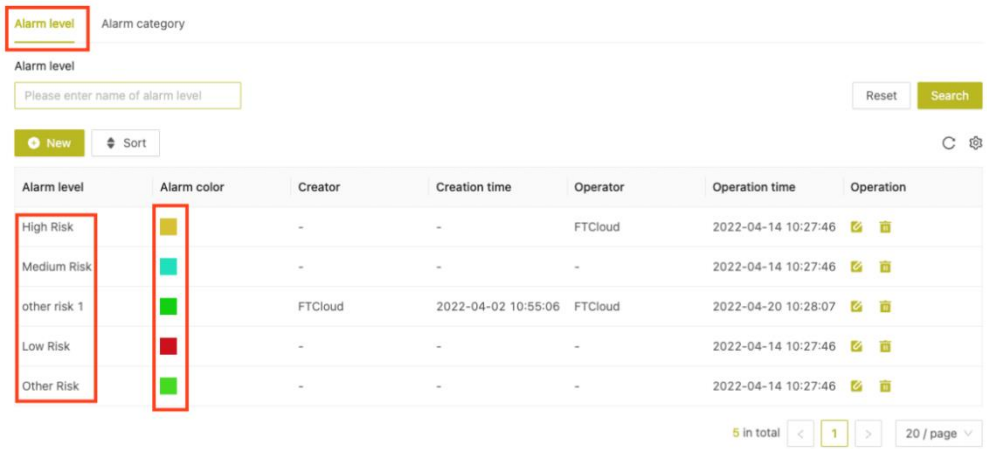
2.3 Alarm List Settings

This page mainly involves the alarm level setting, alarm classifying and setting of alarm uploading strategy.

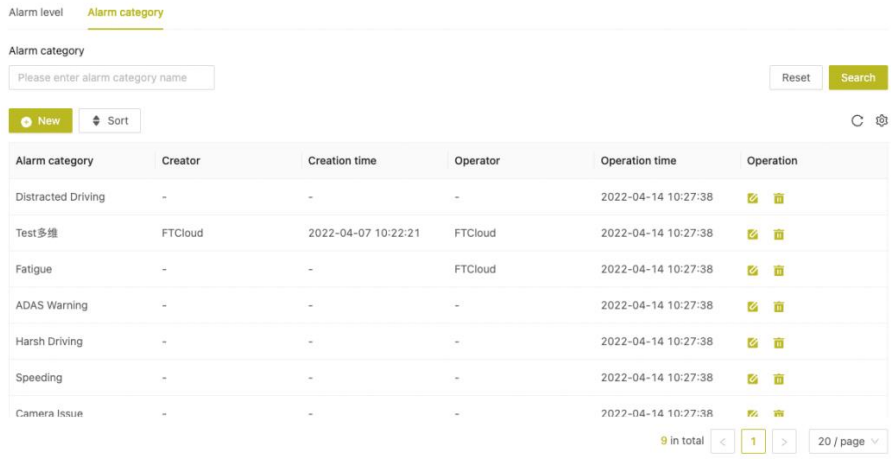
2.3.1 Alarm Settings

On this page, the alarm levels and alarms can be customized and classified.

On the page of alarm levels, you can view the alarm levels added and the corresponding color. For adding a new alarm level, you can click **New**, and just enter the name and color of the new alarm level.



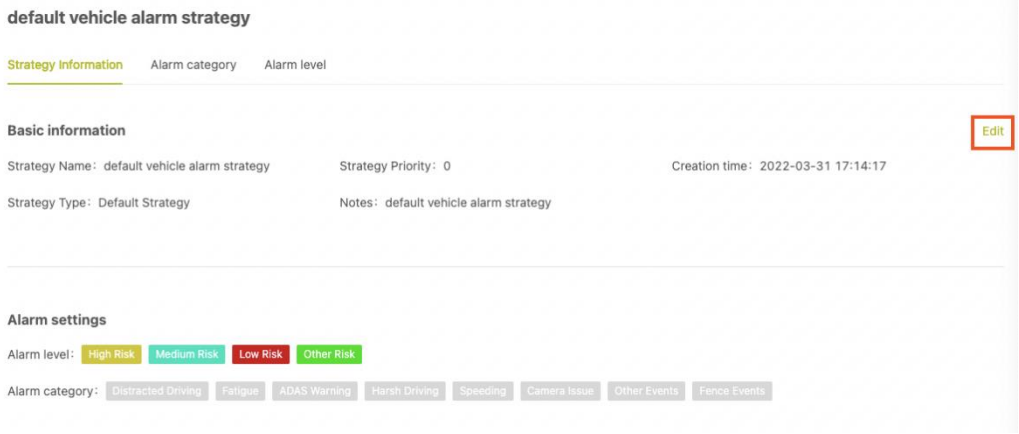
On the page of alarm category, you can view the existing customized alarm types. In many scenarios, you can customize groups of single or multiple alarms according to your business scenarios, and customize the name of each group as well. For adding a new group, you can click **New**, and just enter the name of the group (alarm type).



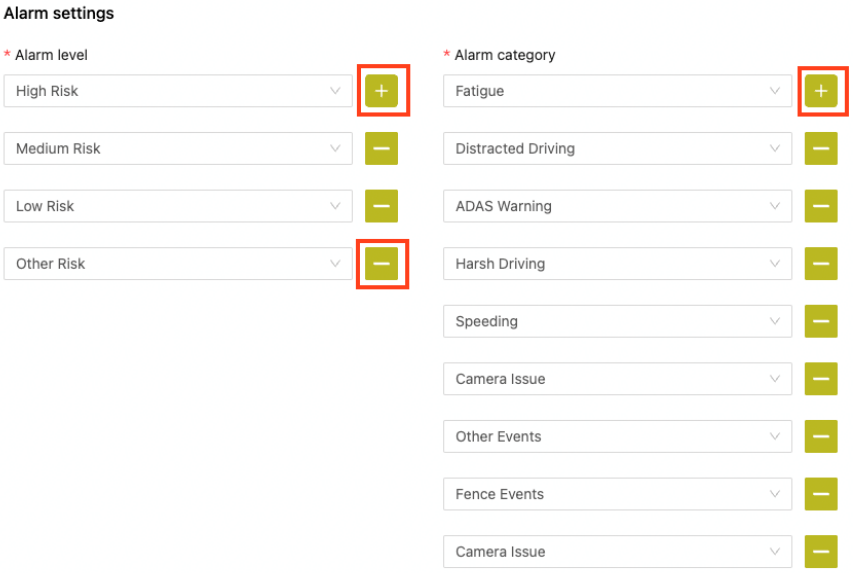
2.3.2 Classification Setting

① Strategy information

In the general information, you can preview the setting of alarm level and alarm category of the current Subscriber. When a User adds an alarm level and an alarm strategy to the alarm setting, the added alarm level and the alarm strategy should also be added to the current User. The User needs to click **Edit** to enter the editing page.

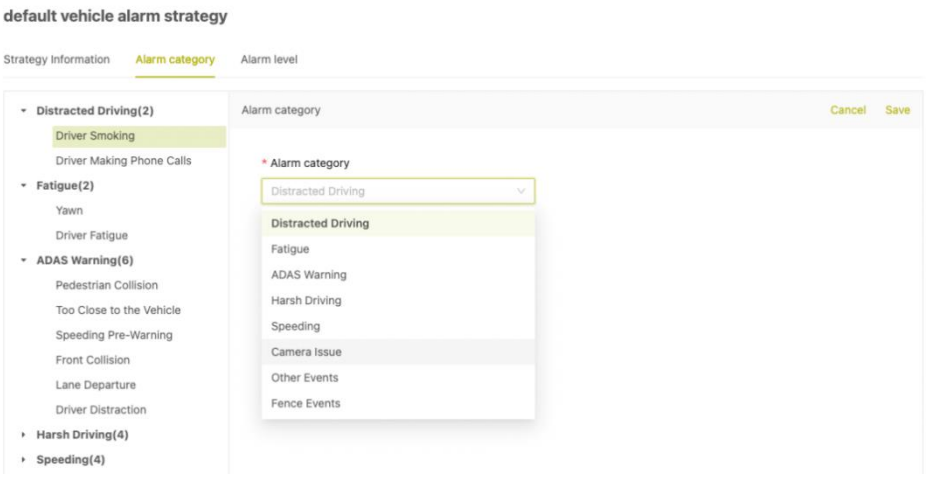


After entering the editing page, the User can click + to add alarm level and alarm category to this strategy, or click - to delete an alarm level or alarm category.



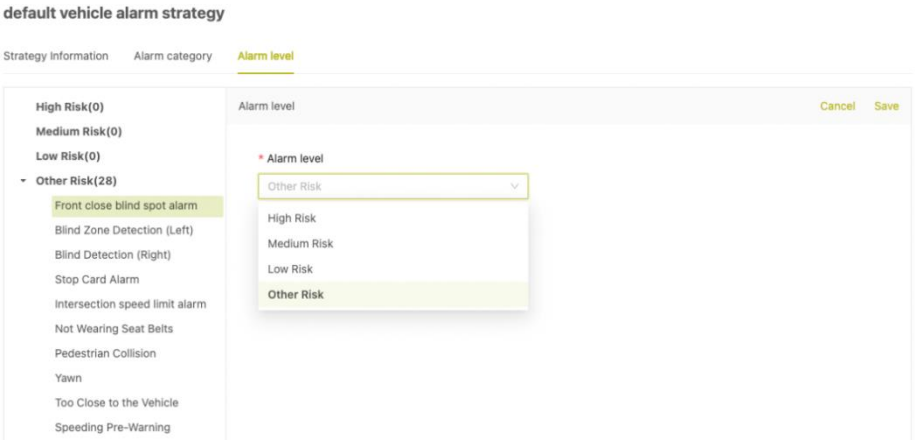
② Alarm category

By clicking **Edit**, the User can customize the classification of different alarm types, but the classified group name shall have been added in the alarm setting.



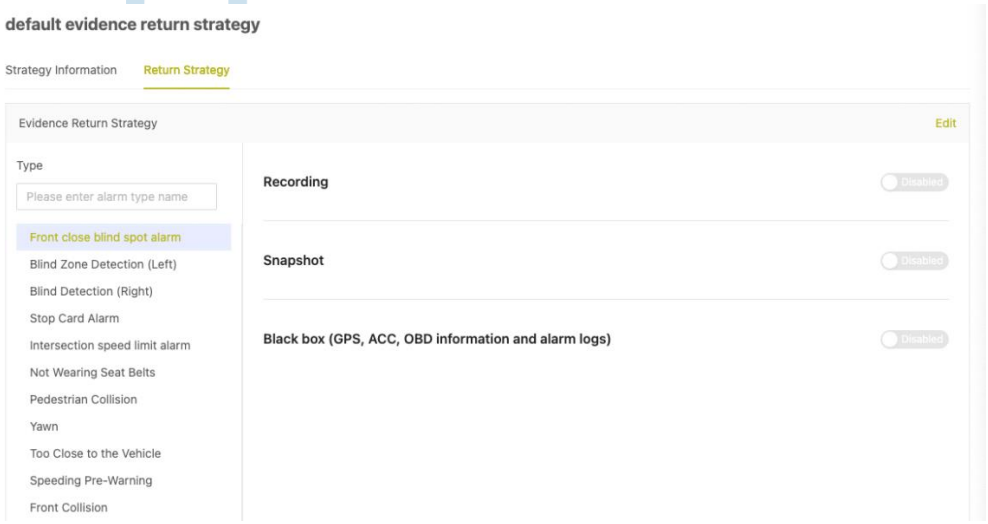
④ Alarm level

This page can help users classify alarms at different levels, and special important alarms can be added to "high risk" to get special attention.



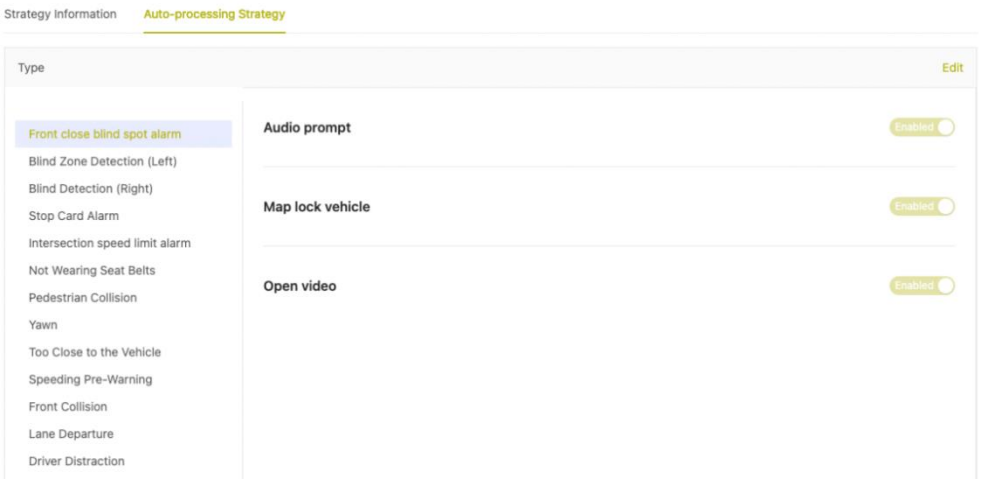
2.3.3 Video Uploading Setting

The video uploading strategy is mainly used to configure the alarm uploading strategy. Users can customize settings of the alarm uploading content according to their own requirements. Each alarm is provided with recording, snapshot and black box information. The user can click **Edit** to enable for control.



2.3.4 Auto-Processing Setting

This function is mainly used by Users with the Live View scenario. When some alarms occur in the vehicle, the system will prompt the User through quick reminders, and help him/her to intervene quickly to reduce the probability of accidents. There are three ways to remind: audio prompt in FT Vision, automatic centering of the current vehicle in the map, and automatic opening of real-time video of the current vehicle.

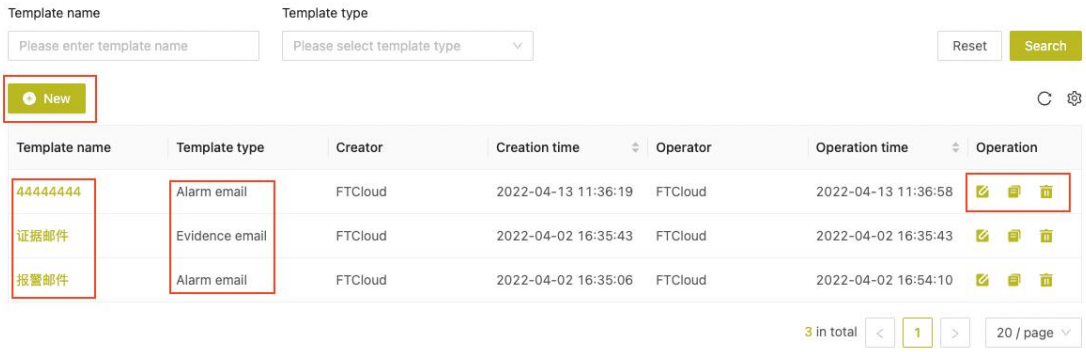


2.4 Alarm Push Setting

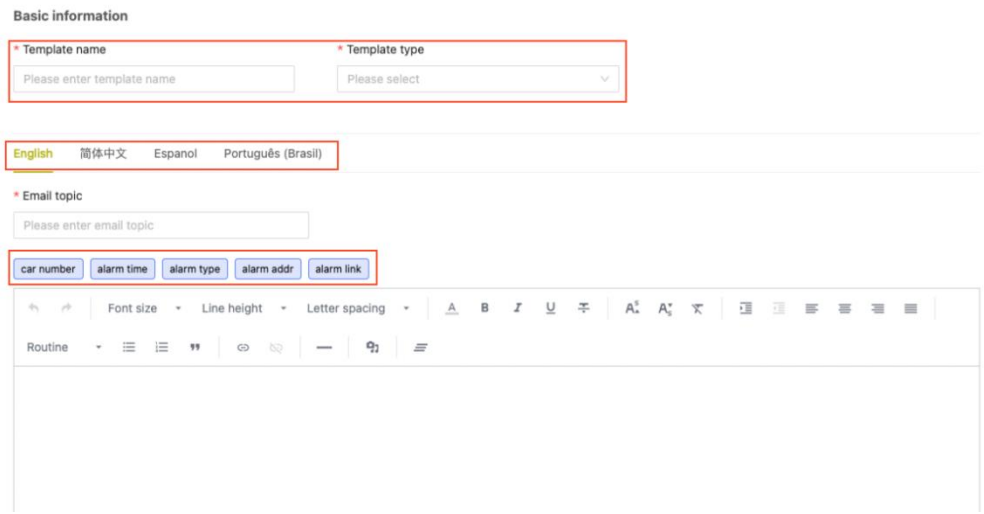
This function is mainly used to push alarm information. There are two ways to push: pushing to the designated recipient by email, and distributing preset text by the device.

2.4.1 Email Template

In the scenario of sending alarms by email, the User shall set the email template first. On this page, you can not only view, delete and copy the added email template, but also add new templates.



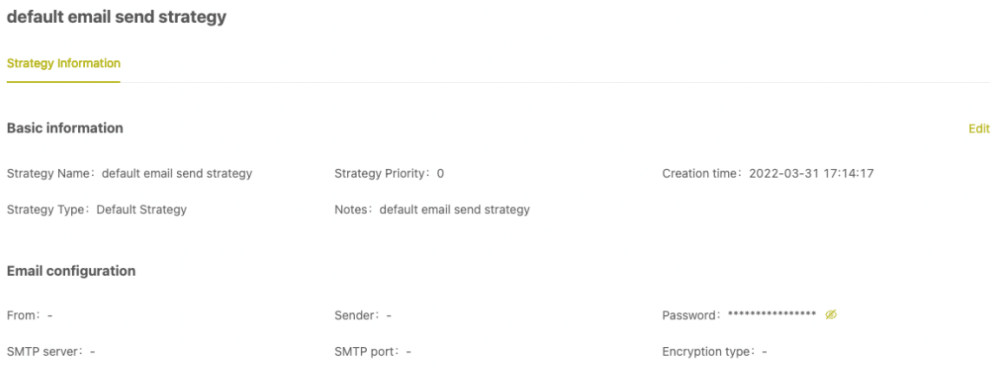
You can click **New** to add a new template, and customize the name and type of the template. At present, the emails can be presented in such four languages as Chinese, English, Spanish and Portuguese. The User can edit the email content, and select the alarm information to be added. Refer to the follows for the graphical representation:



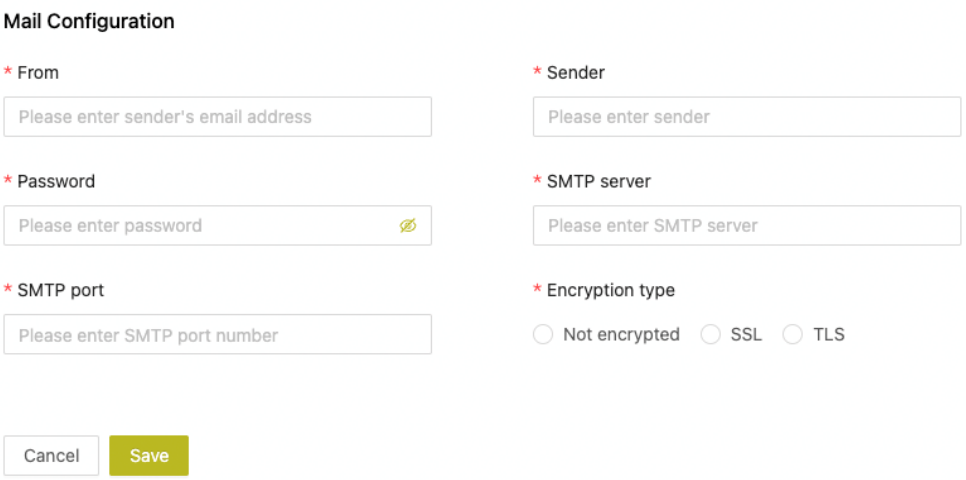
There are two types of templates: the alarm type and the evidence type. The two templates are used in different scenarios. The template of alarm email is used to send an email to the designated administrator for notification when the driver triggers the alarm. The template of evidence email is a part of the evidence list in the FT Vision. Each alarm video in the evidence list can be quickly sent to the designated mailbox with content based on the template of evidence email by clicking the mail icon.

2.4.2 Send Email Setting

The "Send Email" module is mainly used to edit the basic information of email sender, so as to ensure that the email can be sent normally and the sender is a standard personal email or official email.



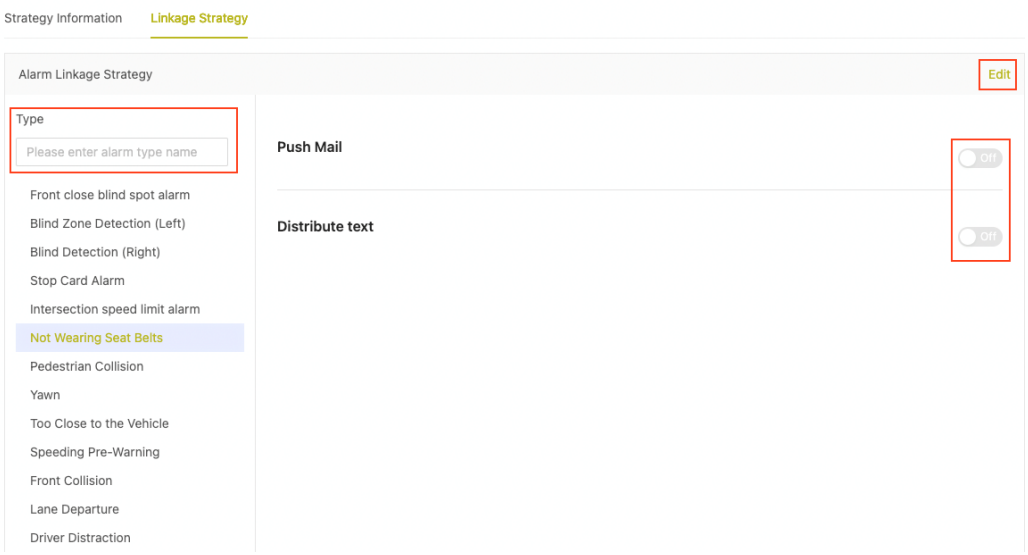
Click **Edit** to start content editing. The SMTP address is the domain name server of SMTP. For example, the SMTP address of qq mailboxes should be smtp.qq.com. If you use foxmail or outlook, the SMTP address will be automatically filled when you add such accounts.



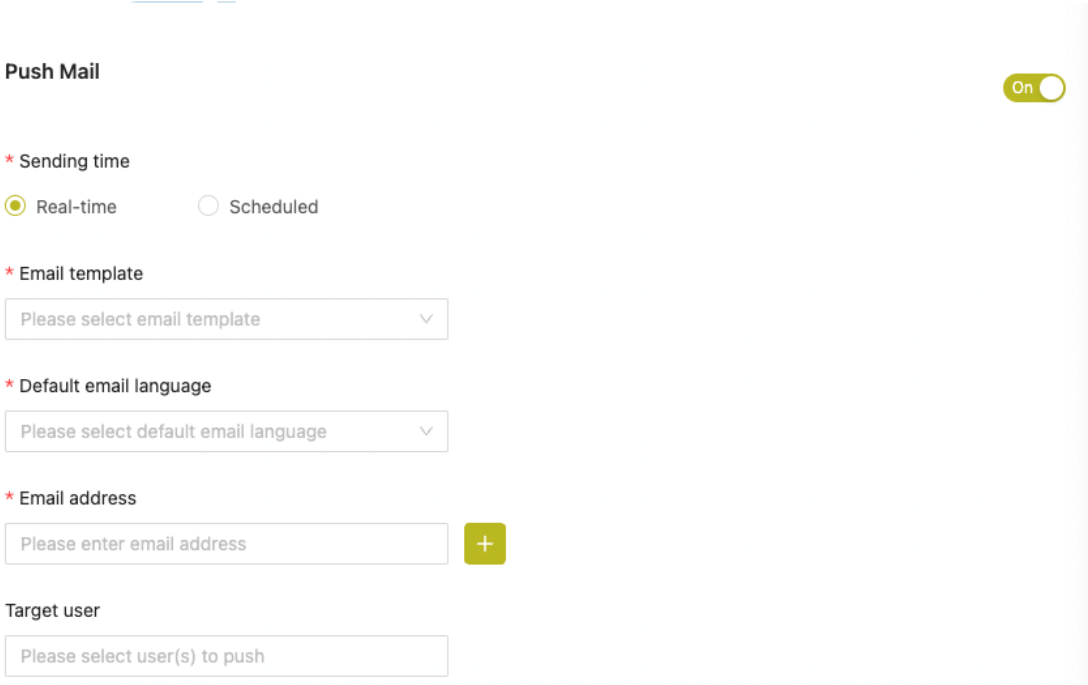
Note: Common mail domain name server and port:
ALIMAIL (mail.aliyun.com):
SMTP server address: smtp.aliyun.com (SSL encryption port: 465; non-encryption port: 25)
Gmail (google.com):
SMTP server address: smtp.gmail.com (SSL enabled port: 587)
Sina mail (sina.com):
SMTP server address: smtp.sina.com.cn (port: 25)
NetEase mail (163.com):
SMTP server address: smtp.163.com (port: 25)
Yahoo mail (yahoo.com):
SMTP server address: smtp.mail.yahoo.com
Foxmail (foxmail.com):
SMTP server address: SMTP.foxmail.com (port: 25)
Sohu mail (sohu.com):
SMTP server address: smtp.sohu.com (port: 25)

2.4.3 Alarm Linkage Setting

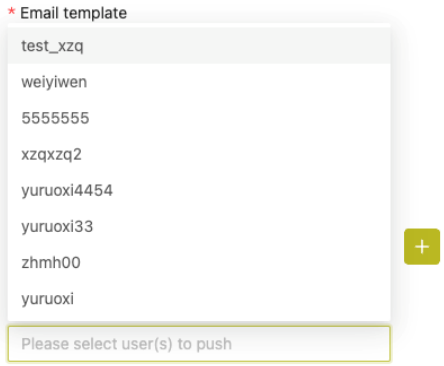
After setting the email template and the address to send emails, the User can bind the alarm with the email. The "Alarm linkage" module in the figure below can help the User select which alarm should be linked to the email or the text distribution. First, you can fuzzy search the type of alarm, and click **Edit** to enable or disable the type to be triggered (mail or text distribution).



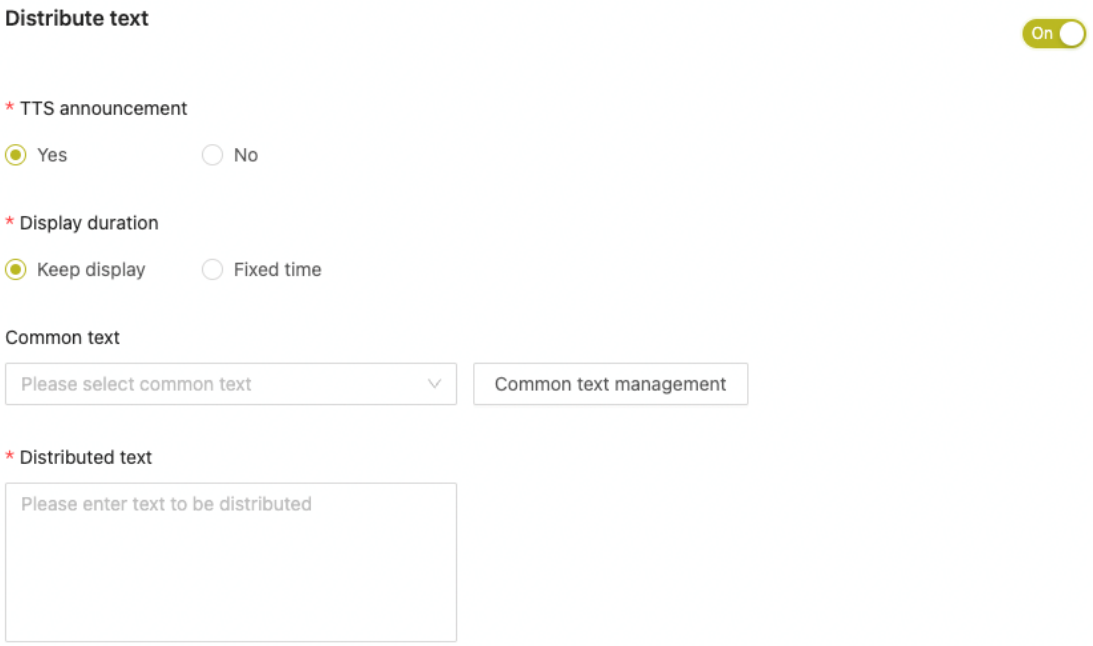
If the email sending function is enabled, the User can select the sending time (when an alarm is triggered or every day/week regularly), the email template, the language (only languages set in the email template are available), and the address (multiple email addresses can be added).



In addition, the email can be sent to the email address of the designated user. You can click **Target user**, and select a User in the list.



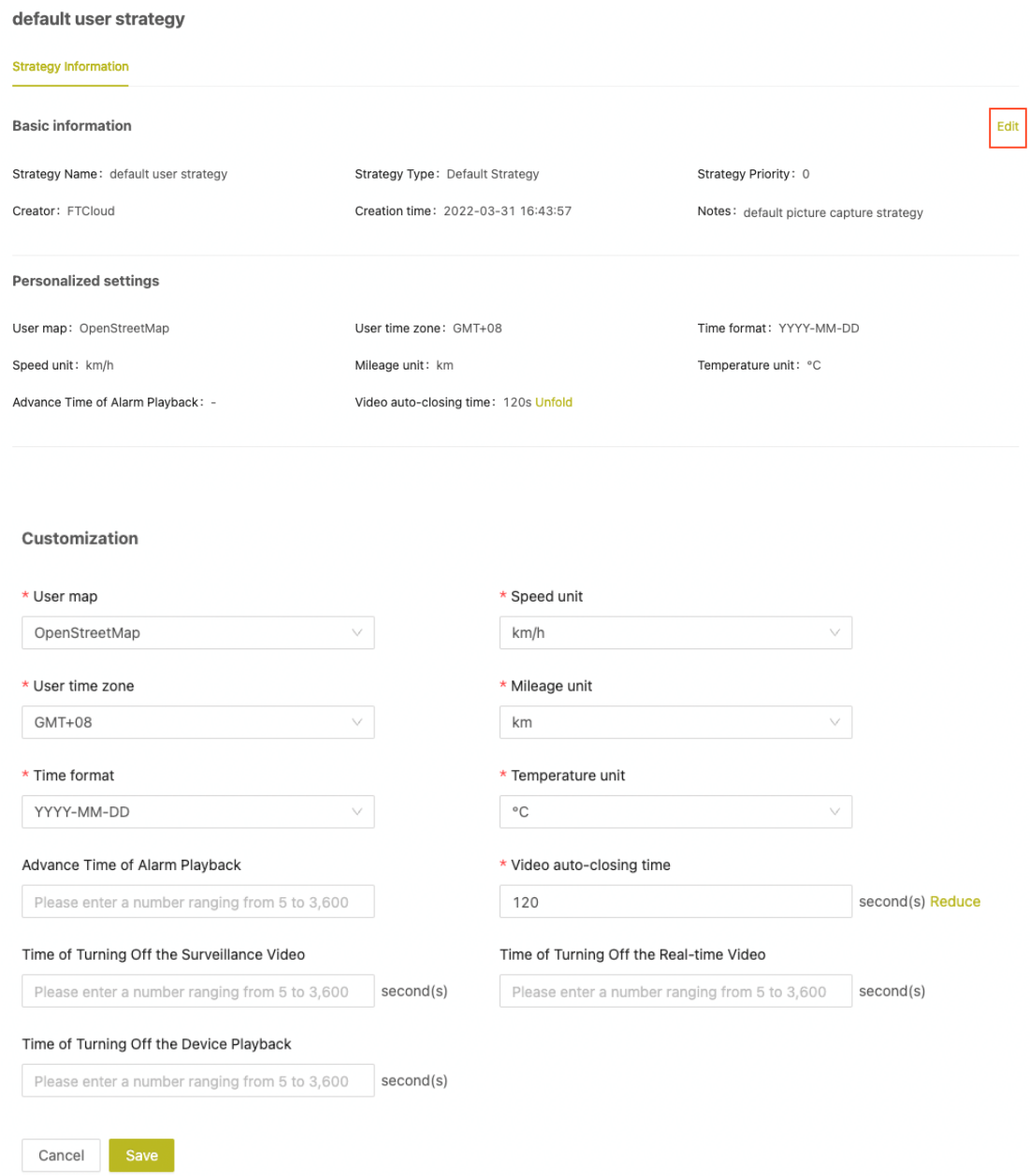
If text distribution is enabled, the User can choose whether to enable TTS voice reminder, and the display mode (continuous display/display at fixed time). The User can select the text content that has been set or fill in the distributed text box again as required. The implementation of TTS voice requires the device to support the two-way intercom function. The implementation of text distribution requires the User's hardware device to be connected to the tablet computer; otherwise, the text cannot be displayed.



2.5 General Settings

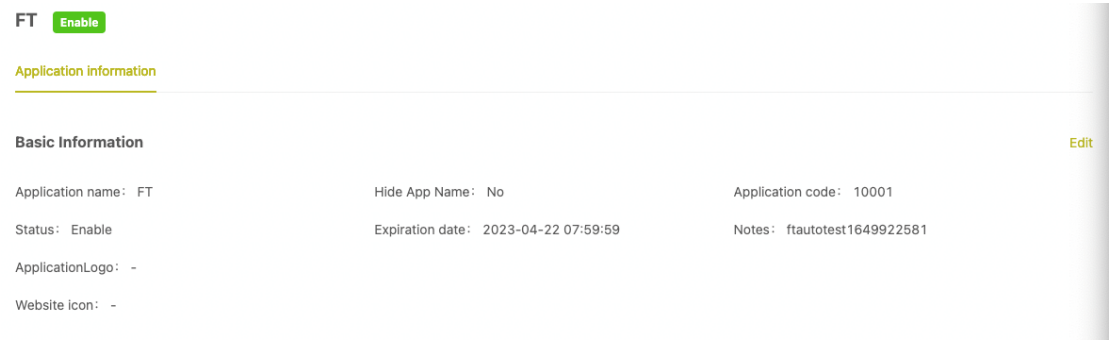
2.5.1 User Setup

This module mainly shows the basic information of the current account. Users can customize settings according to the region and country, including time zone, speed unit, mileage unit, temperature unit and time format. Users can click **Edit** to edit.



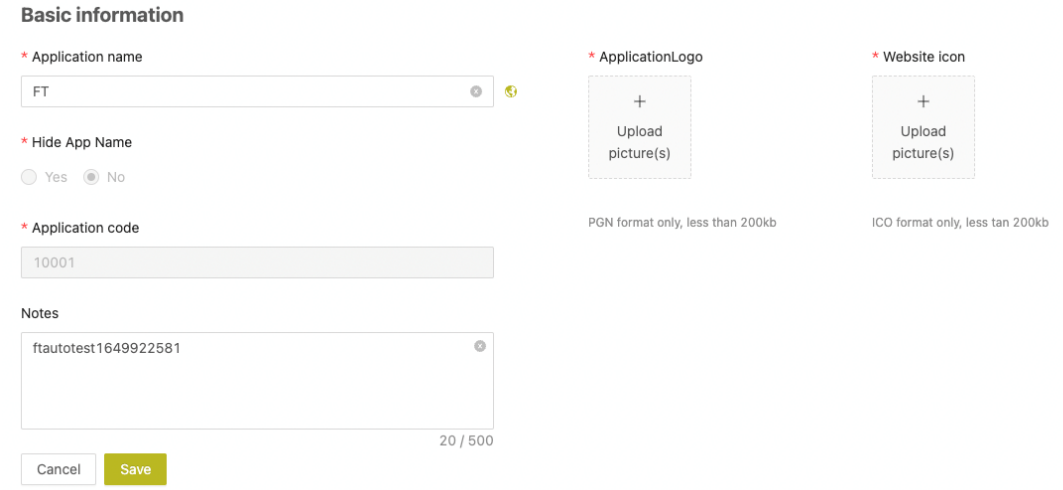
2.5.2 Application Settings

The "Application Settings" module is mainly used to customize the LOGO and name information displayed on the FT platform. You can click Edit to edit.

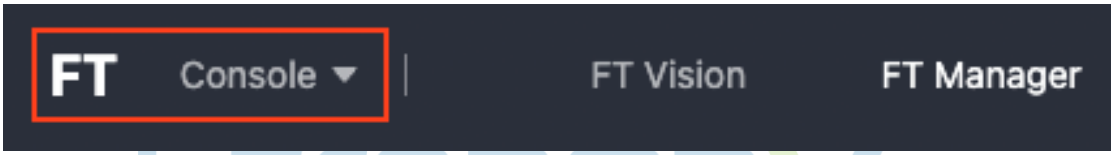


Users can edit the name of the platform according to the business, and add the company logo or

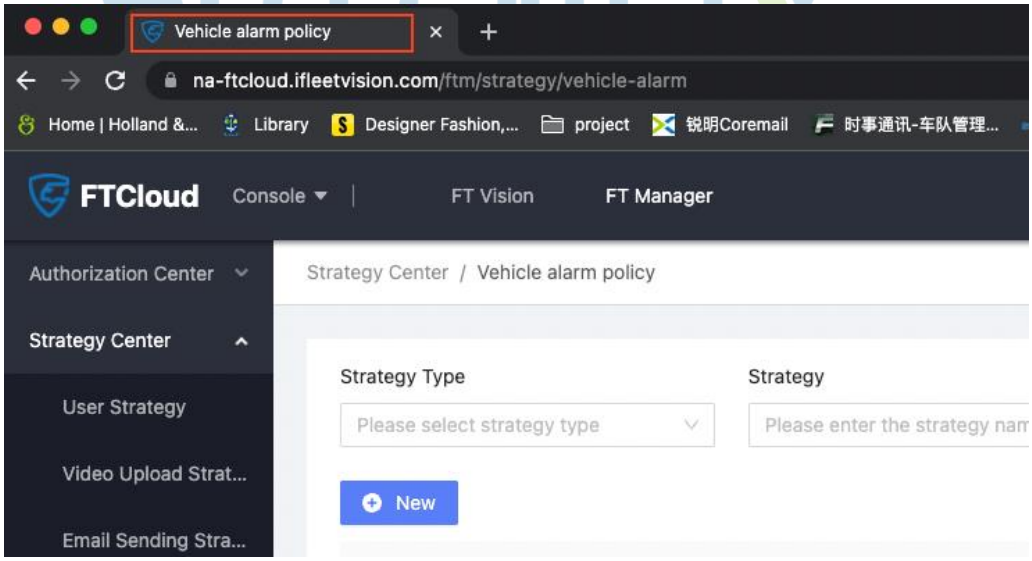
product logo to facilitate business development and publicity.



Application Logo refers to the LOGO on the upper left of the platform.

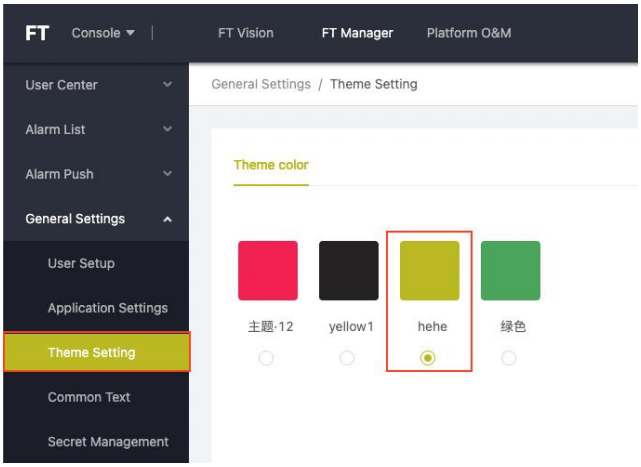


Website icon is the icon at the top of the preview page.



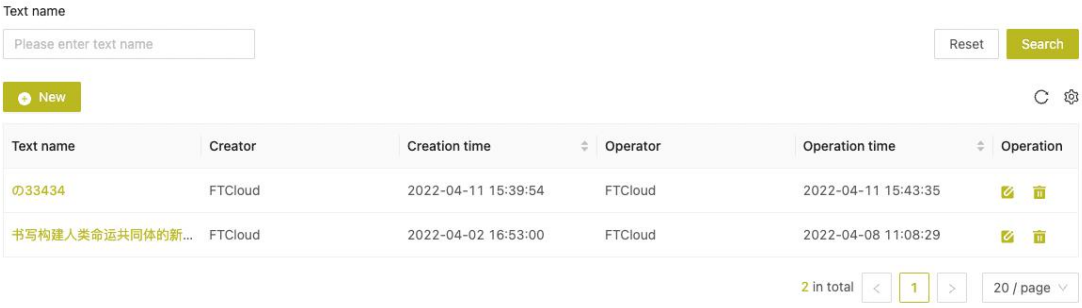
2.5.3 Theme Setting

With this module, you can customize the color displayed on the FT platform.

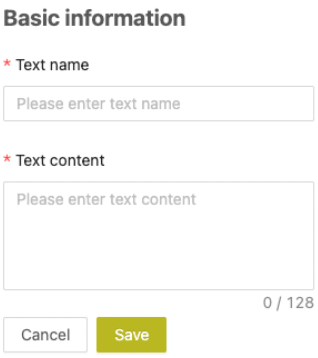


2.5.4 Common Text

The "Common Text" module can view and add the default content of text distribution. The newly added text content can be used for alarm push and text distribution in single-vehicle convoy. Users can save time on text editing.

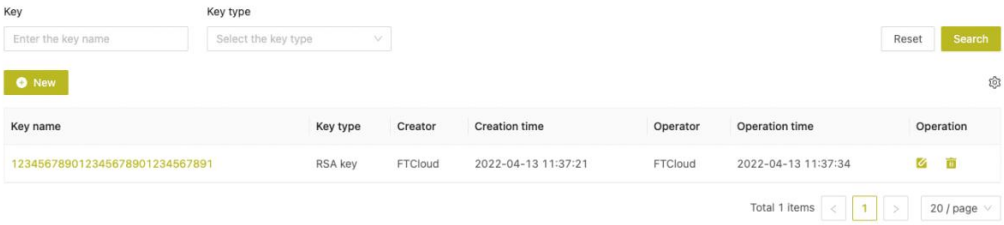


Users can click **New** to add new documents. In subsequent text distribution or alarm push, Users can quickly select the default text.

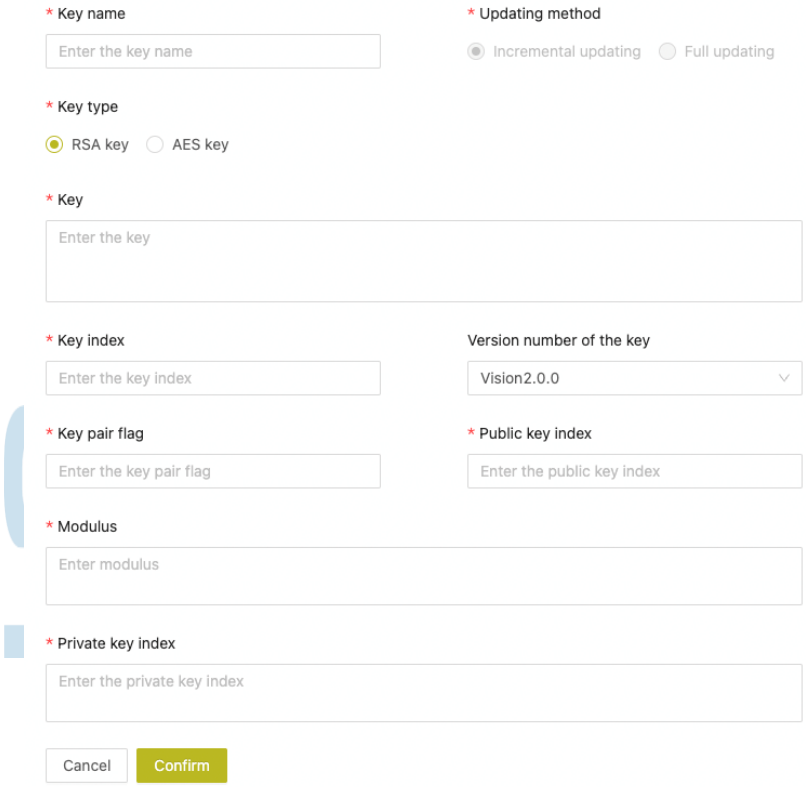


2.5.5 Secret Management

The "Secret Management" module can encrypt the video uploading function of the device according to the customer's business scenario. The encrypted device can display video information and data only after being added with encrypted information at the platform end.



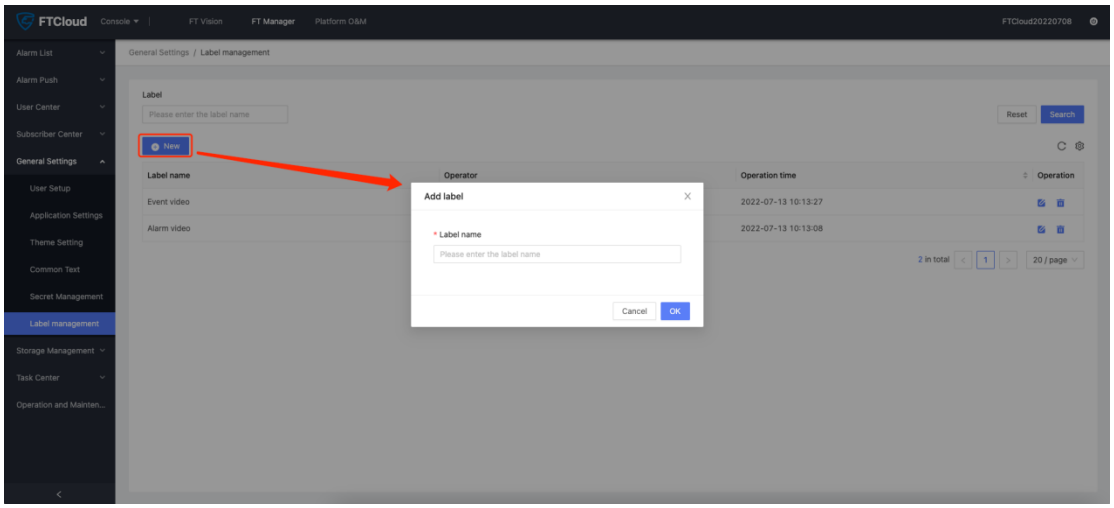
Users can click **New** to add the encrypted information corresponding to the device.



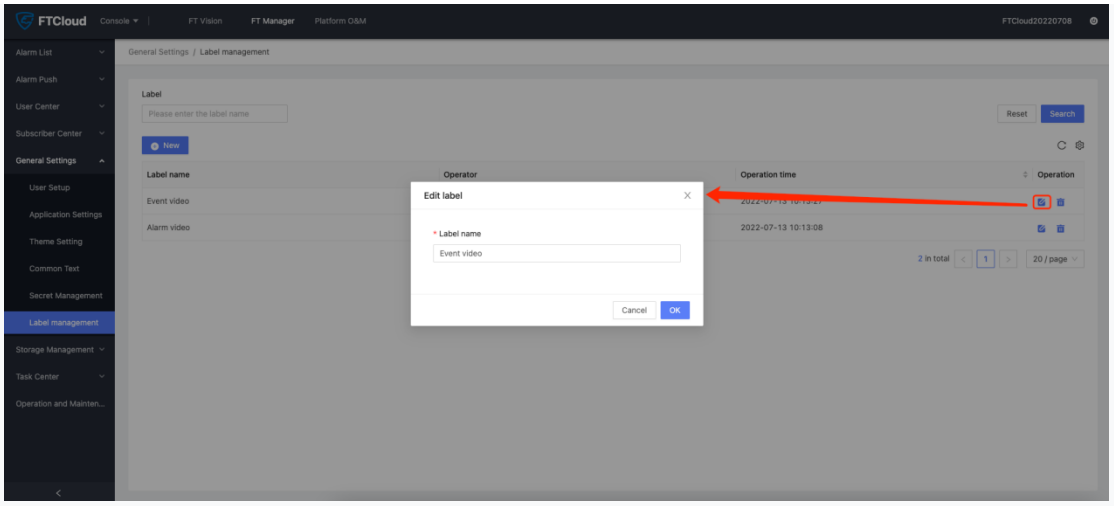
2.5.6 Label management

In order to category the enormous volume of alarm and video, theuser can tag them with customized name or entry accoding to the real business scenratios. after that, the tag will help you realized fast query from huge data base.

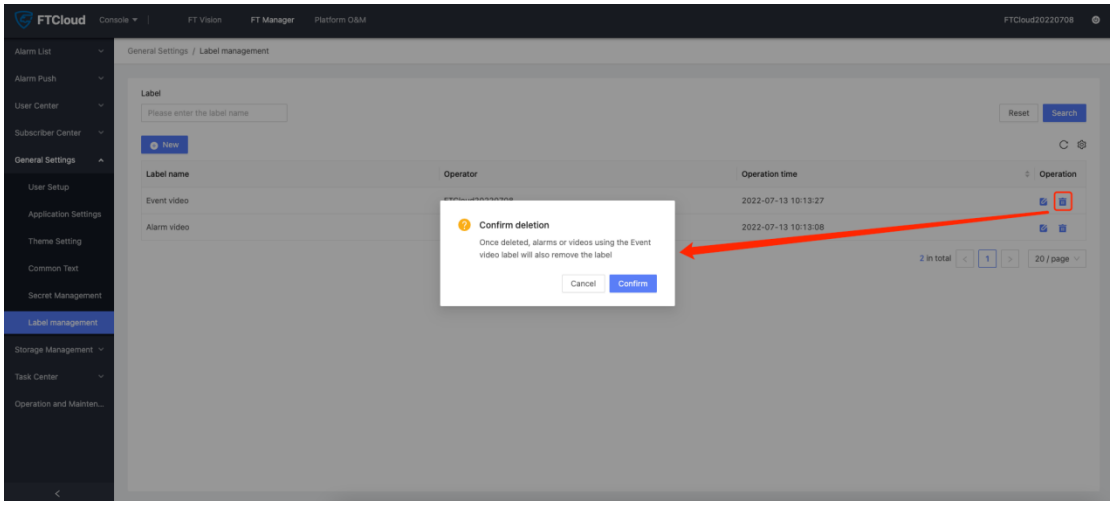
click the button of 【New】 to creat a new label



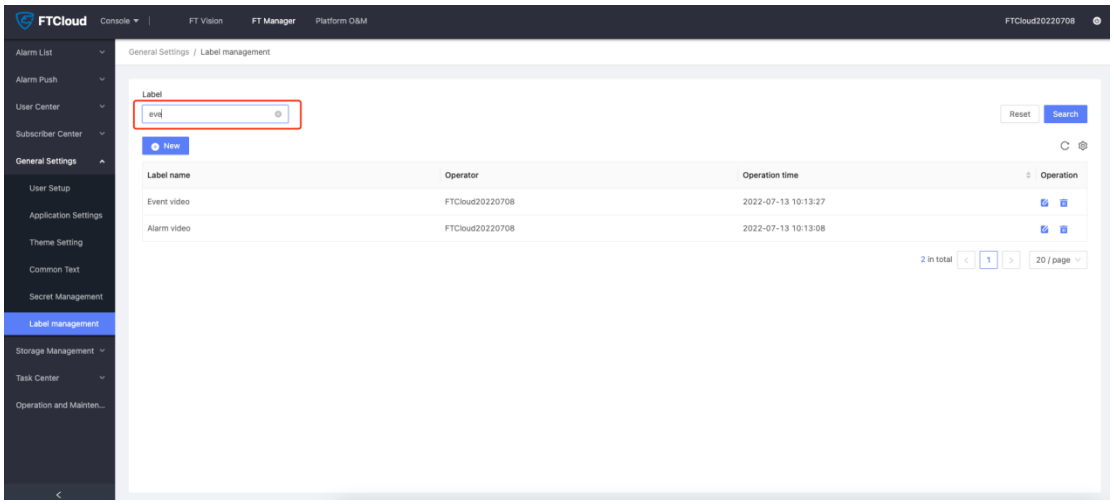
click the button of【Edit】to edit the lable which have been created



click the button of【Delete】to delete the lable which have been created



Enter the lable name for fuzzy serch

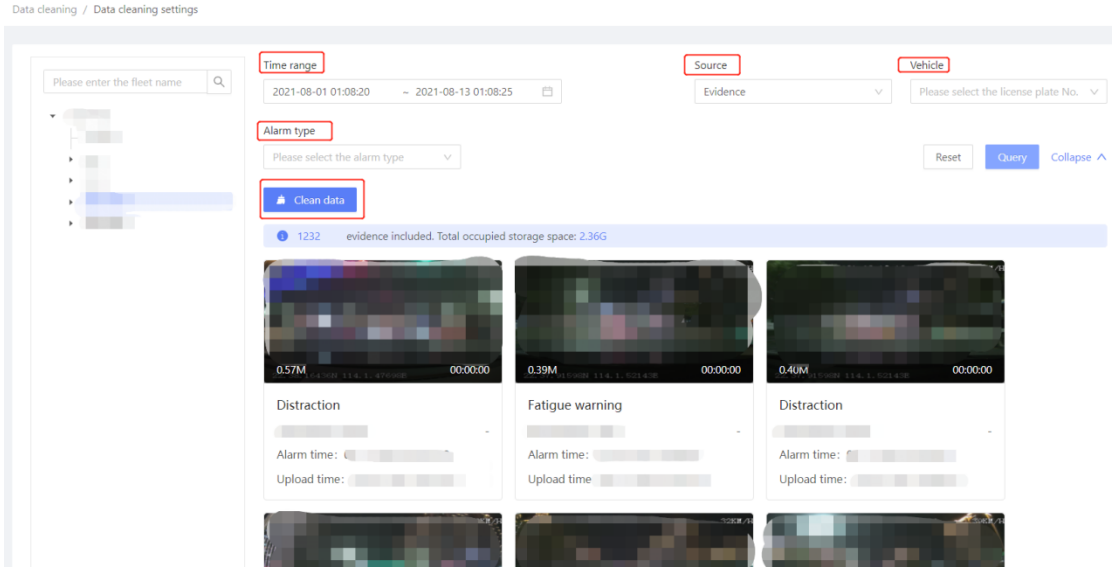


2.6 Storage Management

2.6.1 Storage Clearance

It enables deleting in batches for a large number of useless data that may be caused by fleet, time limit, strategy, or other factors from FT Manager, so as to help you manage the cloud storage space of your Subscriber account.

This module is mainly for filtering the fleet, data time, data source, vehicle and alarm type, and cleaning data meeting the conditions in batches.



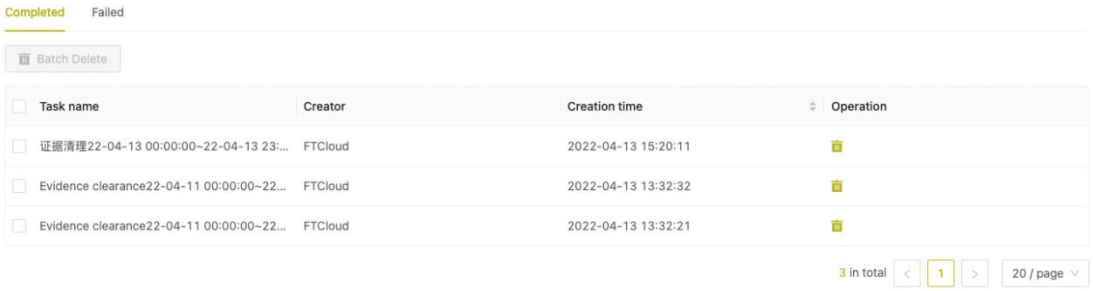
Note: The data source is divided into video and evidence. The videos refer to the video library material in FT vision, which can be cleaned by users directly in FT vision. The evidence refers to captures of evidence returned to FT vision, which can only be cleaned by FT Manager.

2.7 Task Center

2.7.1 Storage Management Task

This module is a record of the Storage Centers introduced in the module of 2.7, which records data that has been cleared by the User from the server. Tasks are divided into such two statuses as

Completed and Failed. Users can delete individual task records.



2.7.2 Text Distribution Task

This module records text distribution tasks, and the status of the record can be: **Queueing**, **Not started**, and **Completed**. Users can make fuzzy search by creating time and sending time, and delete individual tasks as well.

