



SMART TMS MANUAL

V1.0.2

Content

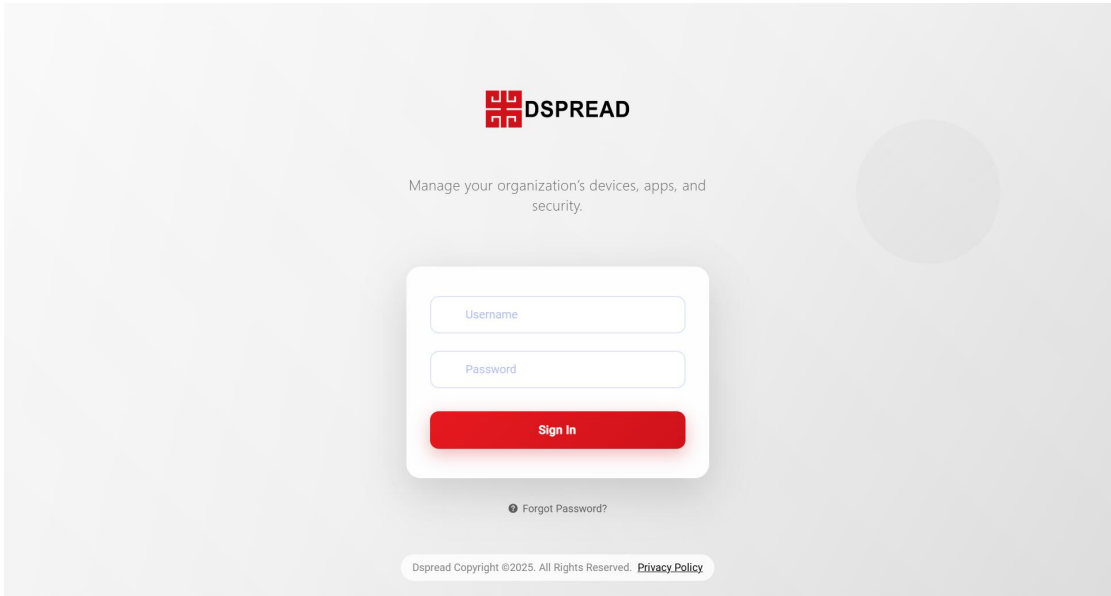
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i. System Login

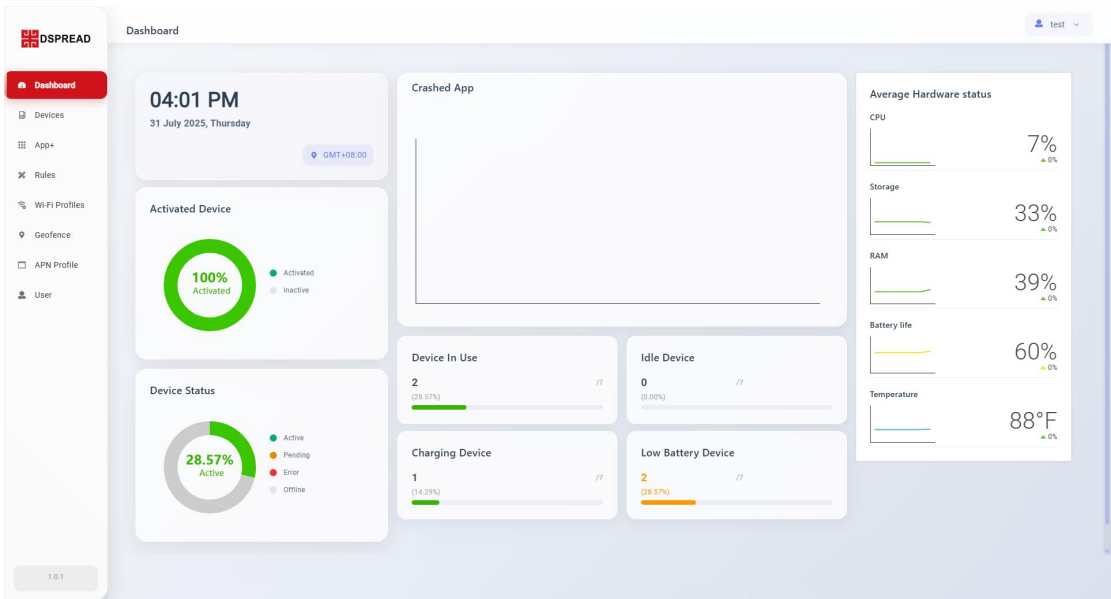
1. Login Process

Please note that the login account name is an email address. For the first login, registration is required. Users must contact administrative personnel to have an account created.

(1) Login in system by <https://smarttms.dspreadserv.net/>, details as below:

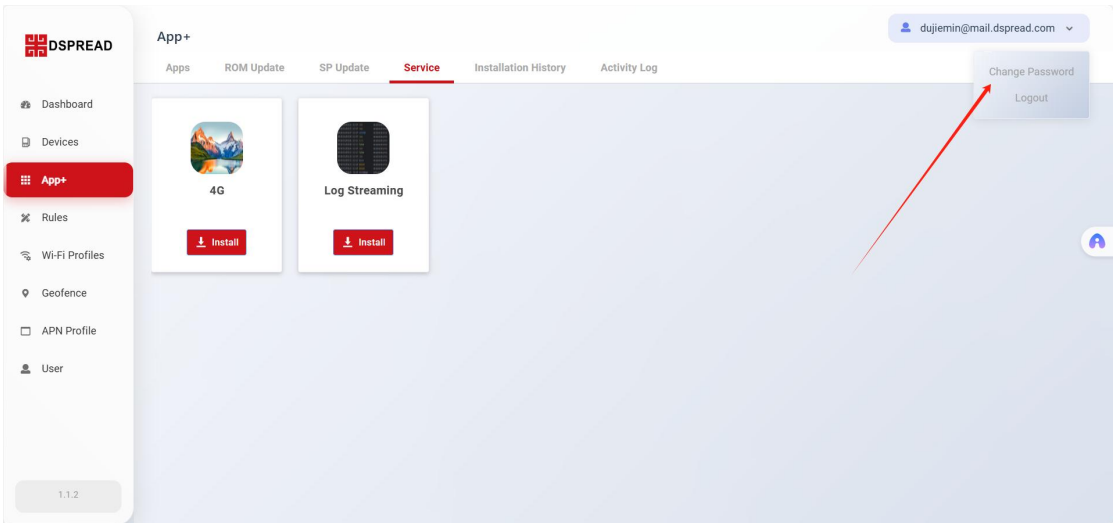


(2) Input user name、 password enter system, as below picture shown:

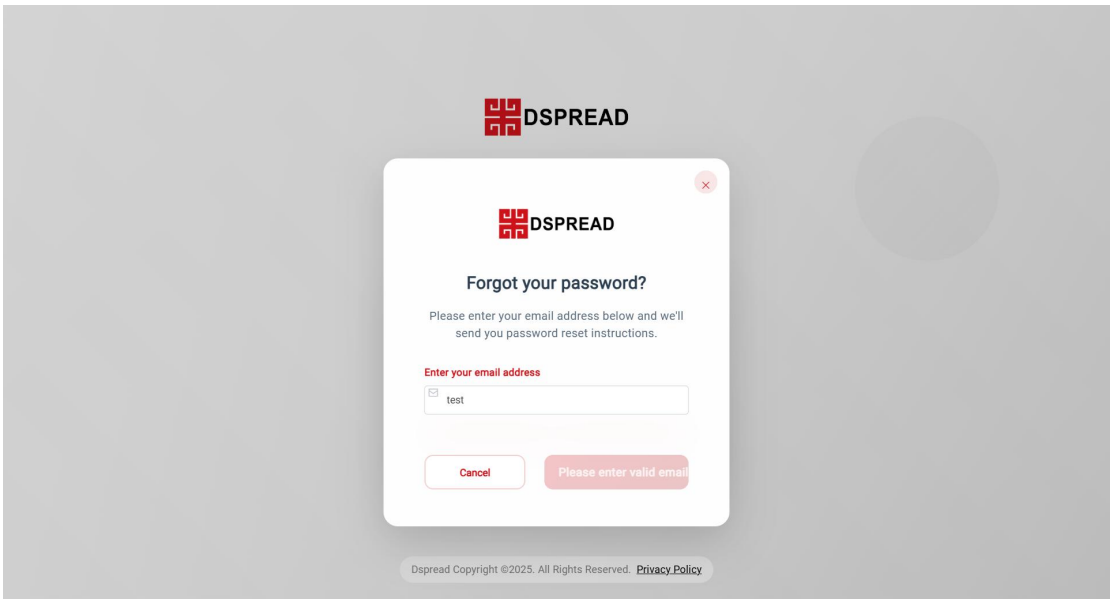


2. Reset password

(1) If you want to change your password, please log in to your account and do it by yourself in the upper right corner.



(2) If you forget your password, please contact the account manager and reset it via the email link (the reset password will be 123456).



ii. Introduction to System Function modules

The system is used to manage terminals, applications and push distribution, which includes

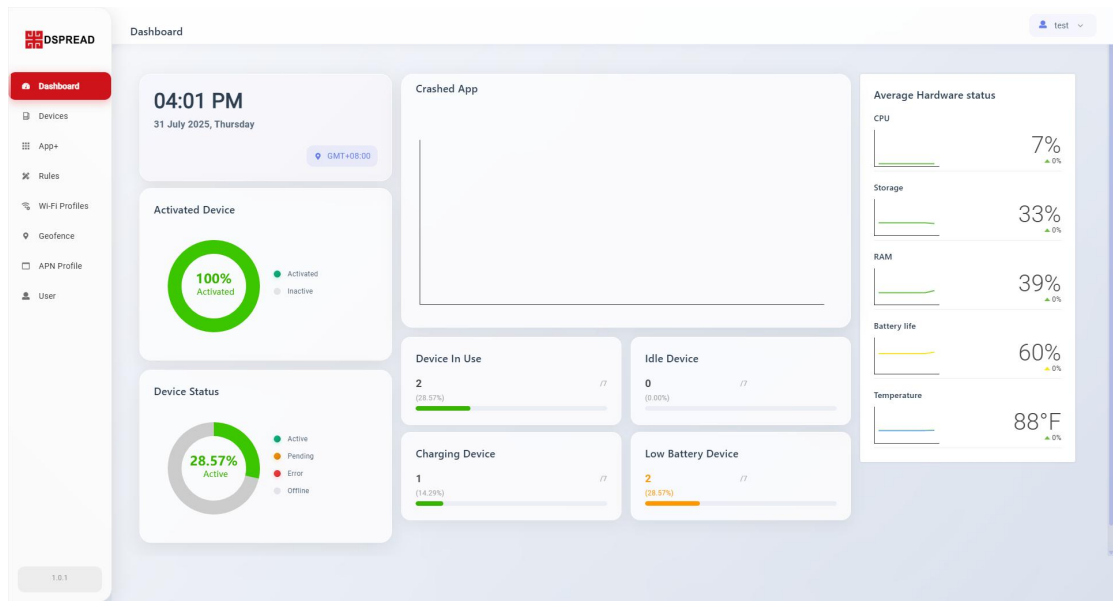
- ✧ **Dashboard:** device summary information.
- ✧ **Devices:** terminal management, group management, terminal information management.
- ✧ **App+:** App management, ROM management, SP management, Service management, task push.
- ✧ **Rules:** batch task push.

- ✧ **WI-FI Profiles:** WI-FI Settings.
- ✧ **Geofence:** electronic fence setup.
- ✧ **APN Profile:** Network proxy Settings.
- ✧ **User:** user management, permission management, operation log.

iii. Introduction to the Operation Process

1. Dashboard

Log in to the system and click on [Dashboard], as shown in the following figure:



The page mainly includes the following summary information:

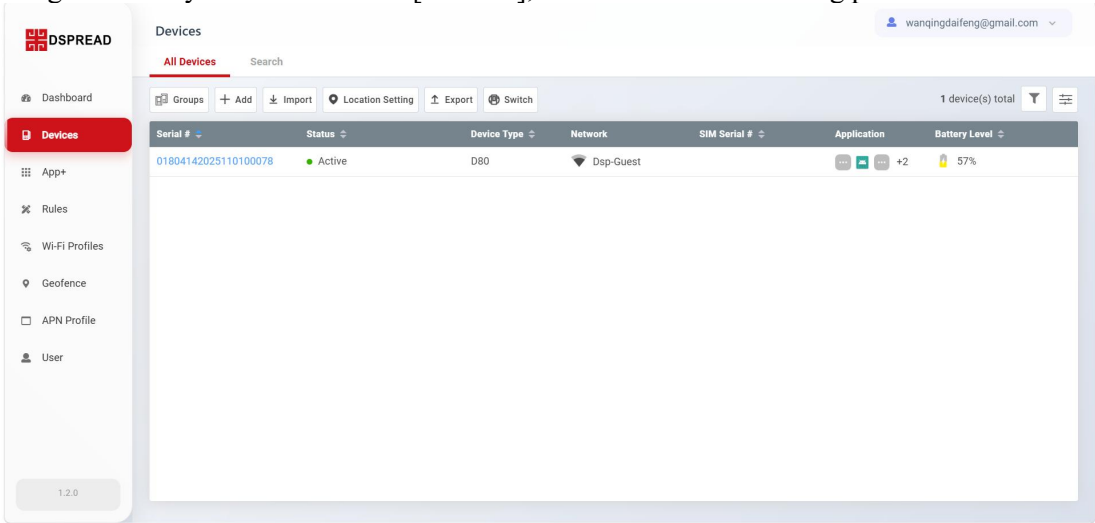
- **Time Zone:** You can freely choose any time zone and view the current time of that time zone.
- **Activated Device:** Count terminals based on their Activated or Inactive status
- **Device Status:** Count terminals by Active, Pending, Error, and Offline.
- **Crashed App:** Count the application information that has crashed within 7 days.
- **Device status:** Count the number of terminals In Use, Idle, Charging and Low Battery respectively
- **Average Hardware Status:** Calculate the average values of CPU, Storage, RAM, Battery Life and Temperature of the terminal under the mechanism within 4 hours.

2. Devices

2.1 Terminal Management

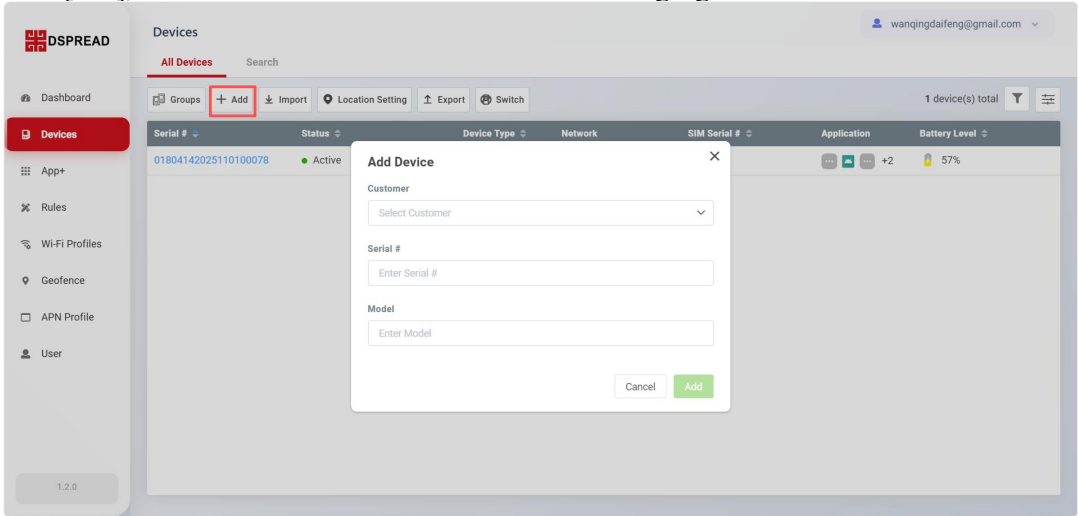
2.1.1 Terminal List

Log in to the system and click on [Devices], as shown in the following picture:



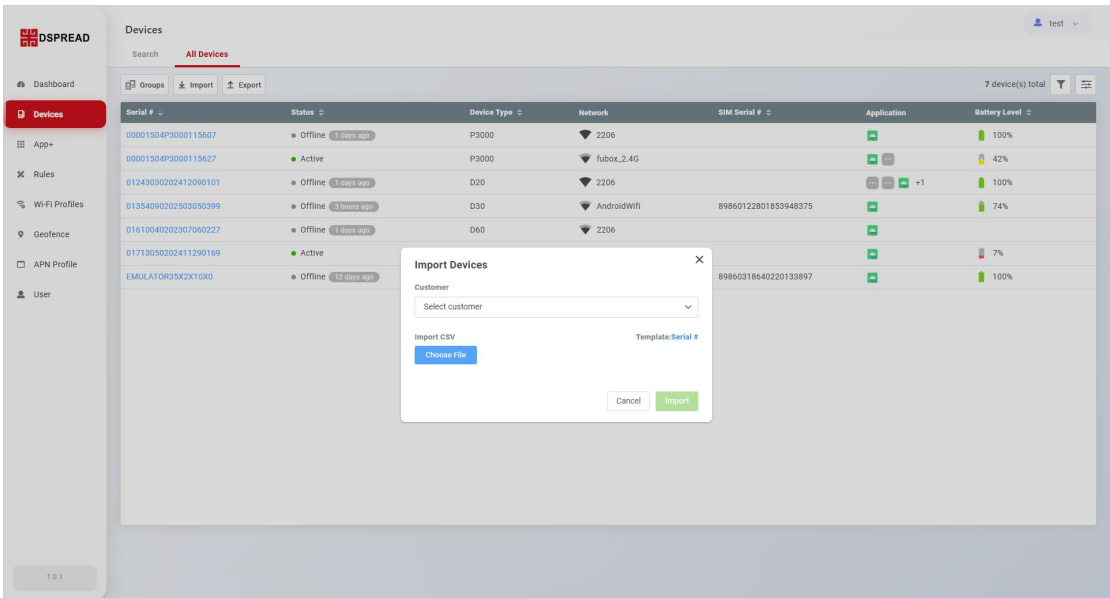
2.1.2 add device

Click on [add], and add the device as shown in the following figure



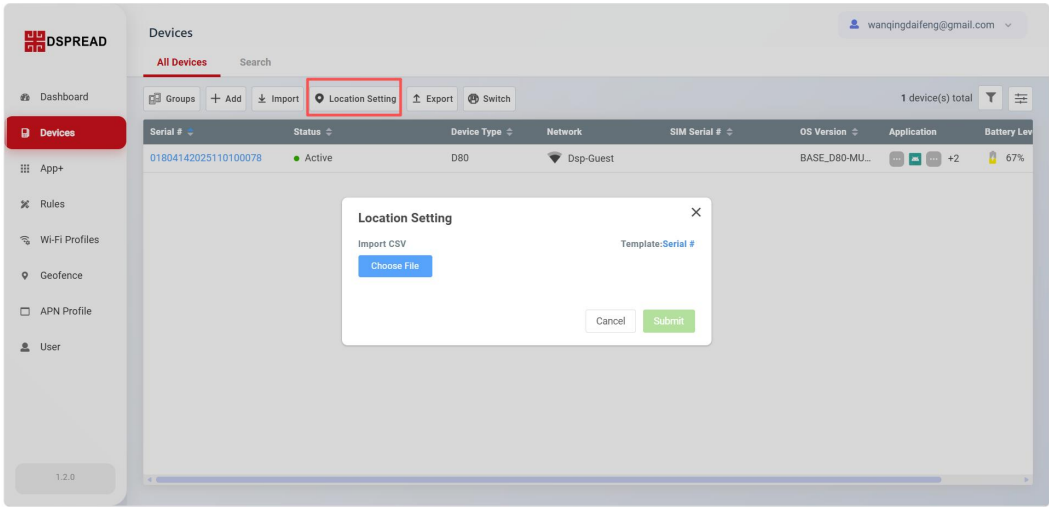
2.1.3 Imported devices

Click on [Import], and a new window will pop up. Import the device as shown in the following figure:



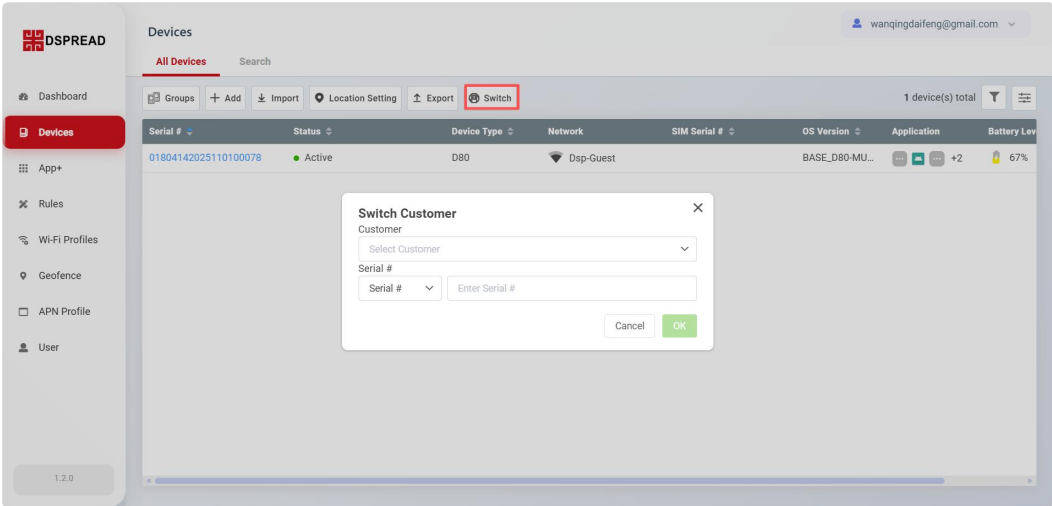
2.1.4 Location Setting

Click on [Location Setting],Batch set the latitude and longitude location information of devices, as shown in the following figure:



2.1.5 Switch

Click on [Switch],Switch the SN to another customer account, as shown in the following figure:



2.1.6 Export

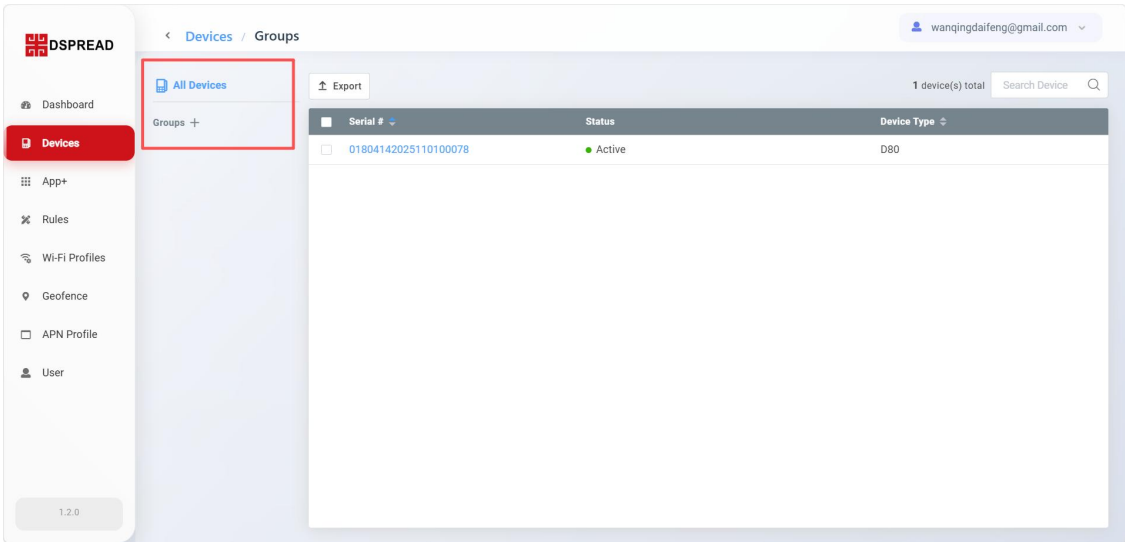
Click on [Export], Export the device details (.csv file)

2.2 Group Management

2.2.1 Group Management

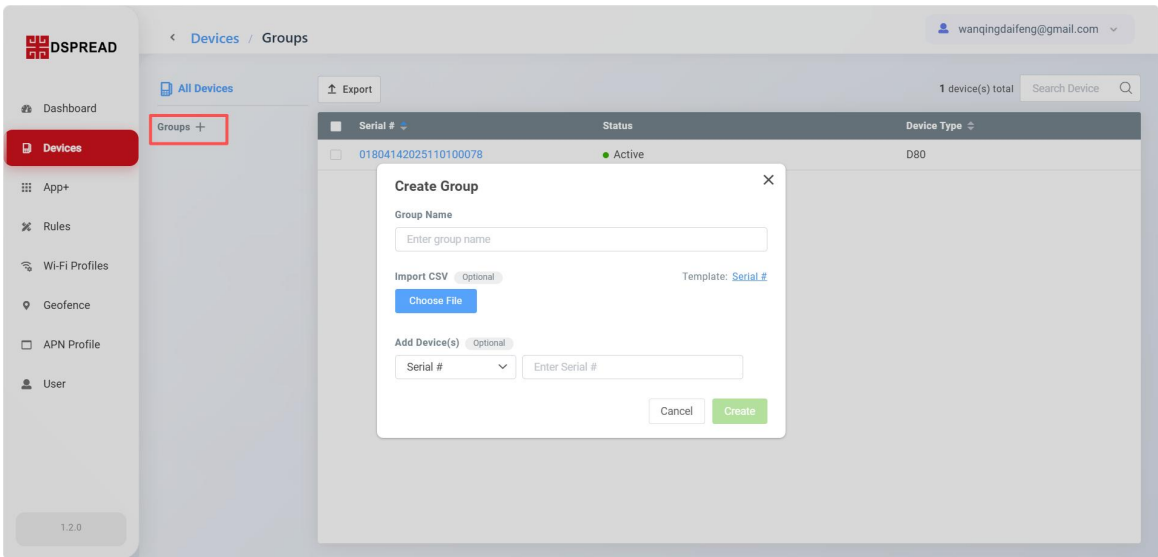
Note: The device serial number needs to be added before adding a group

Log in to the system, click on [Devices], then click on [Groups] to enter the group management module, as shown in the following figure:



2.2.2 Add new groups

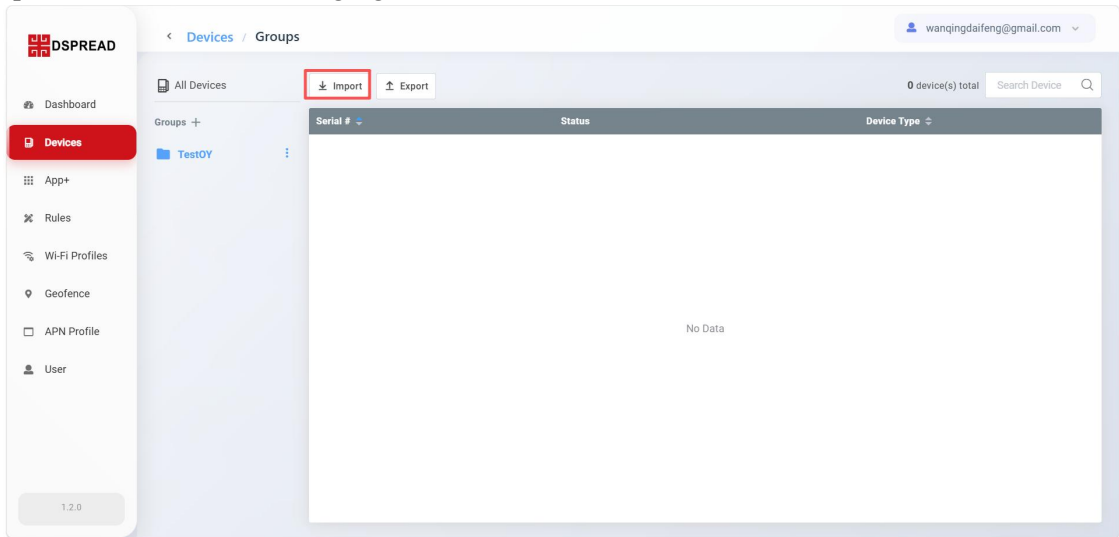
Click on [Group+], and a new window will pop up. Create a new group as shown in the following figure:



Note: **[Group Name]** is required. You can choose to import the terminal into the group in CSV file or Serial # format.

2.2.3 Import the devices

Select any group, click [Import], a new window will pop up, and import the terminal to the group, as shown in the following figure:

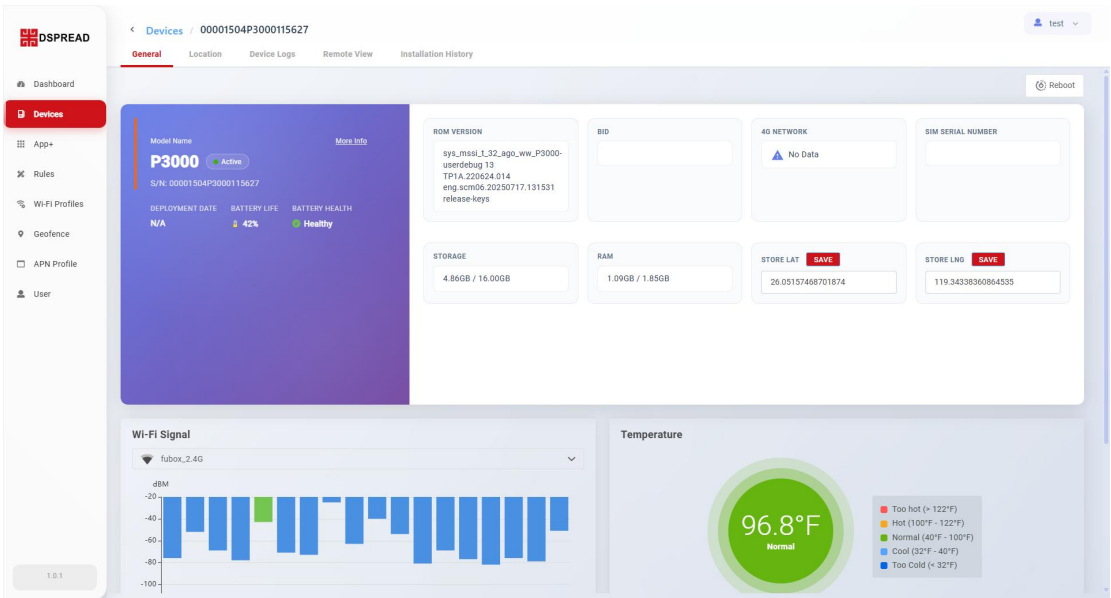


Note: You can choose to import the terminal into the group in CSV file or Serial # format.

2.3 Terminal Information Management

2.3.1 Terminal Information

Log in to the system, click **【Devices】** , then click any terminal serial number to enter the terminal information management module, as shown below:

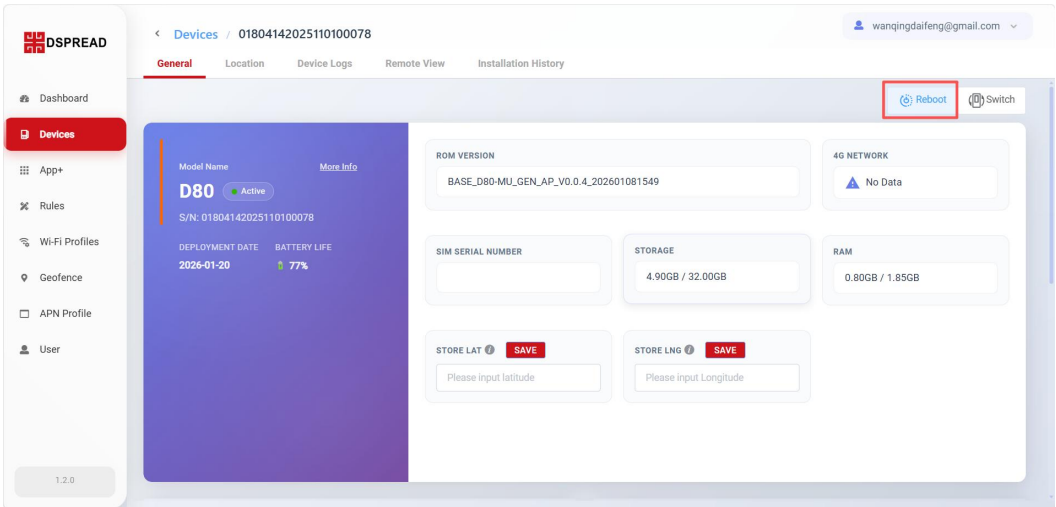


Terminal information mainly includes:

- **General Information:** Terminal model, serial number, system version, hardware usage, Wi-Fi, temperature, and application information.
- **Terminal Location:** Terminal location information, geofence information.
- **Device Logs:** View and manage logs uploaded by the terminal.
- **Remote View:** Remotely monitor terminal usage in real-time.
- **Installation History:** View the history of App pushes to the terminal.

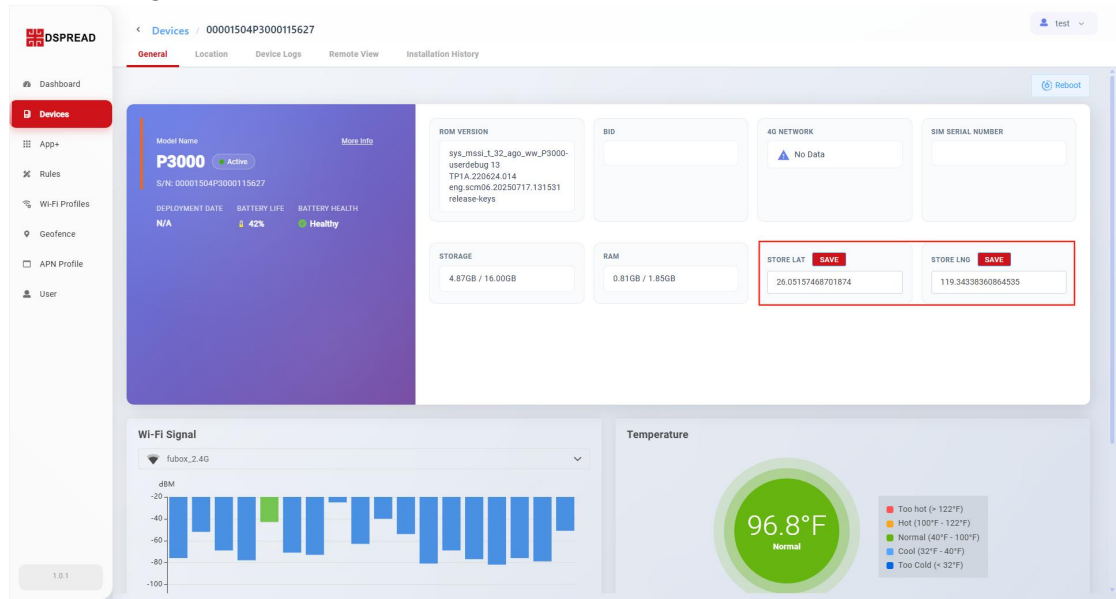
2.3.2 Terminal Reboot

Click **【Reboot】** to remotely restart an online terminal, as shown below:



2.3.3 Set Store Latitude and Longitude

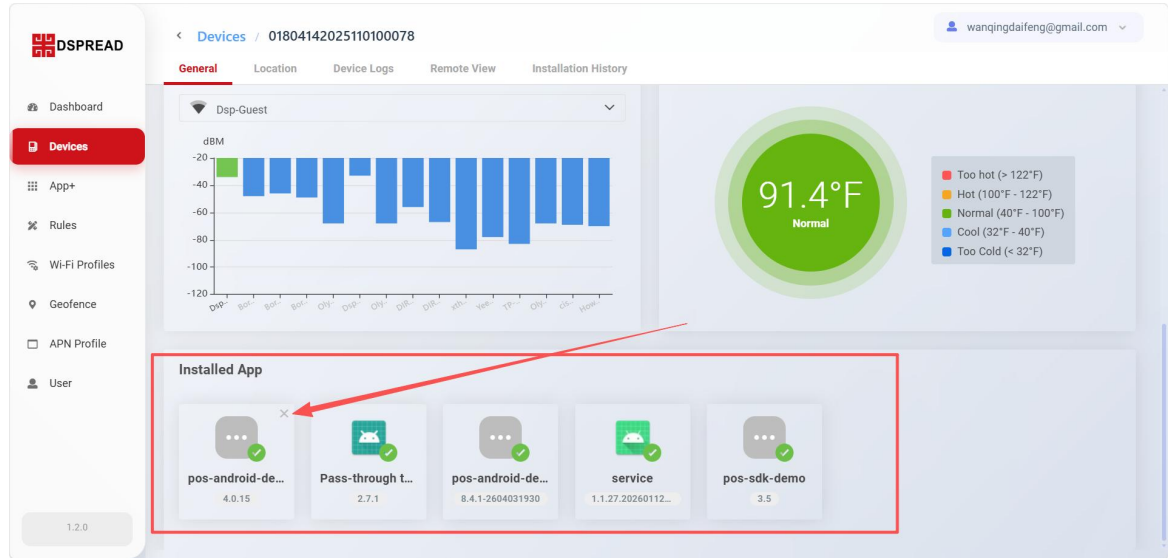
Edit STORE LAT and STORE LNG, then click the corresponding **【Save】** to set the store's latitude and longitude for the terminal, as shown below:



Note: This function is used to set the center point for Google Maps and to implement the terminal's geofence function in conjunction with the Geofence feature.

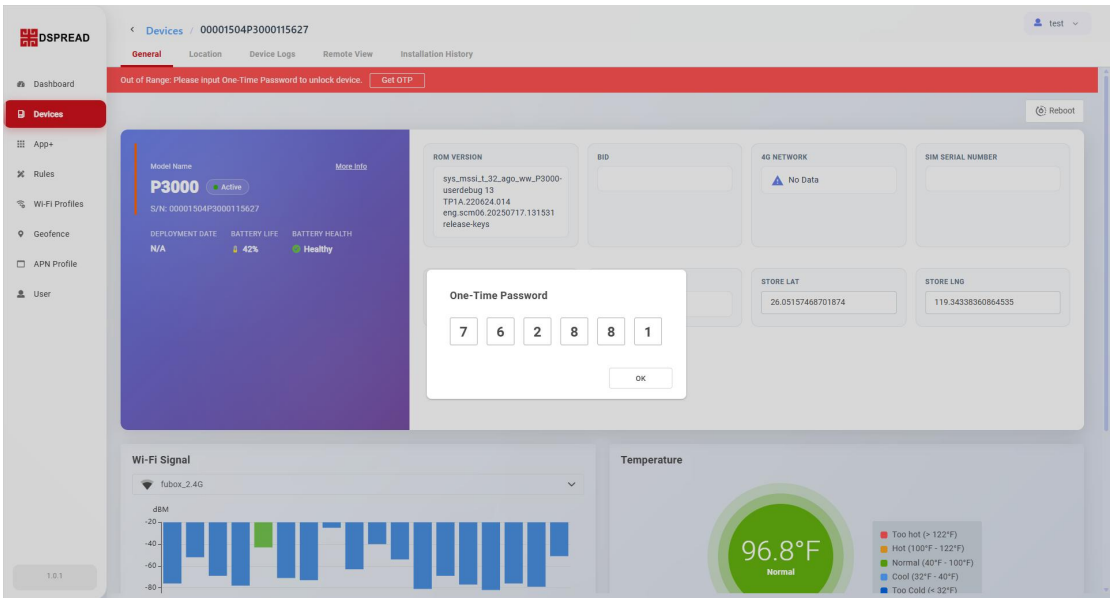
2.3.4 Delete Application

Click the App delete button **【×】** to remotely uninstall the terminal App, as shown below:



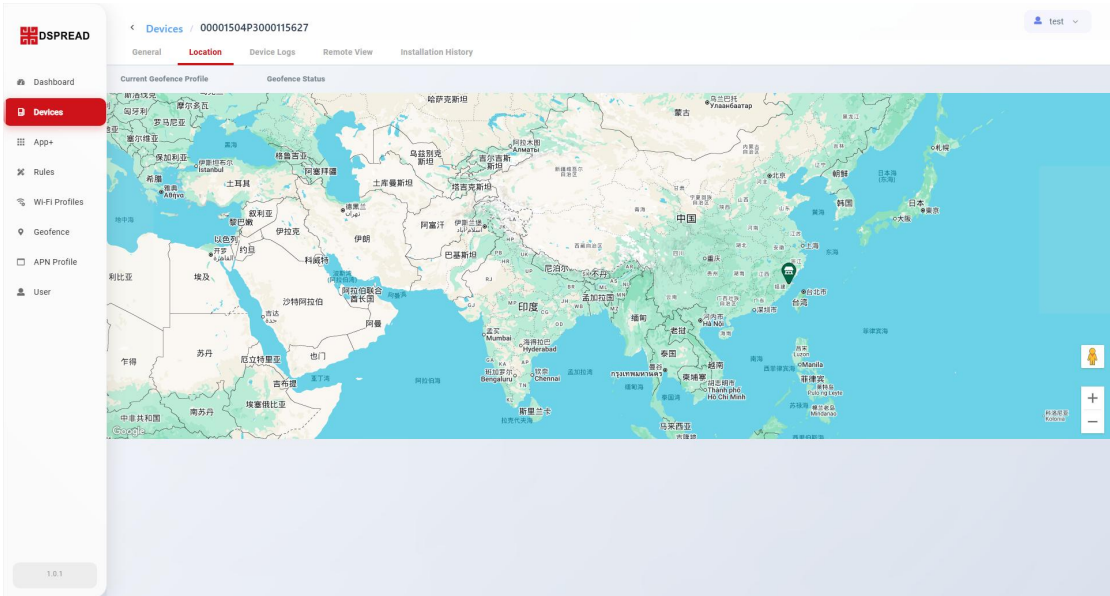
2.3.5 Terminal Unlock

When a device moves outside the range set by the geofence, it will be locked. At this time, you need to click **【Get OTP】** to obtain the device unlock password to unlock the device status, as shown below:



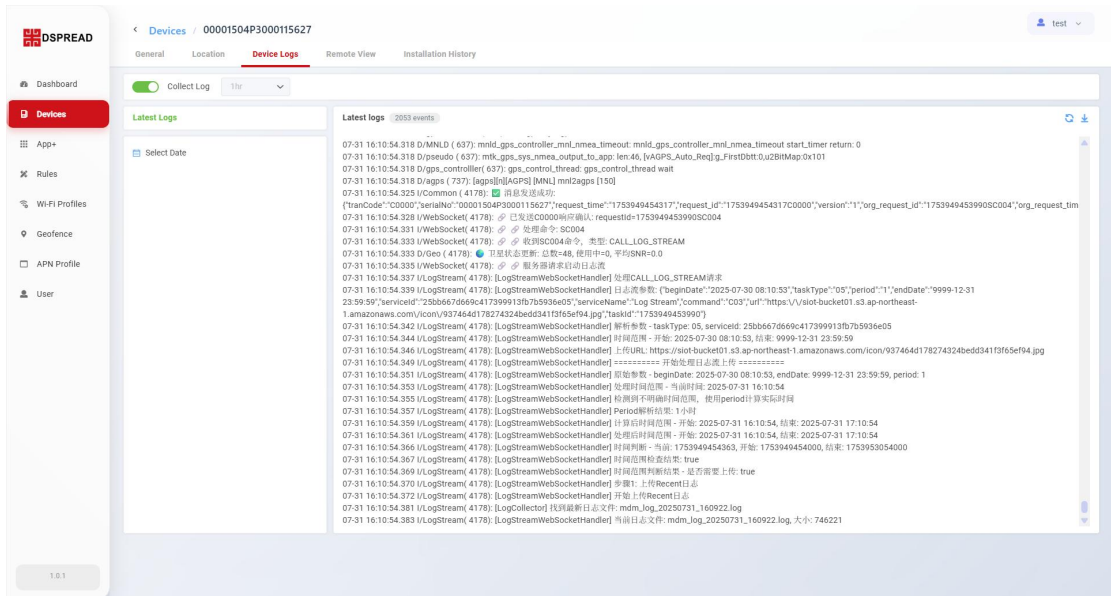
2.3.6 Terminal Location

Click **【Location】** to enter the device location information page, as shown below:



2.3.7 Terminal Logs

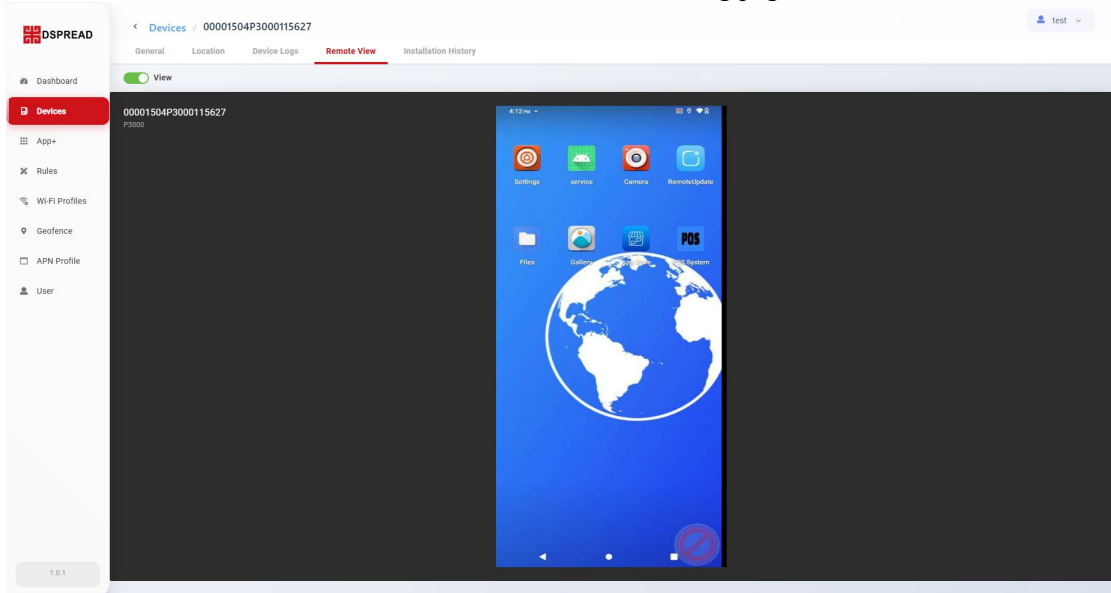
Click **【Device Logs】** to enter the terminal log information page, as shown below:



Note: You can manually click **【Collect Log】** to start and stop the terminal log upload function. 1hr represents the duration of continuous log upload, up to a maximum of 72hr.

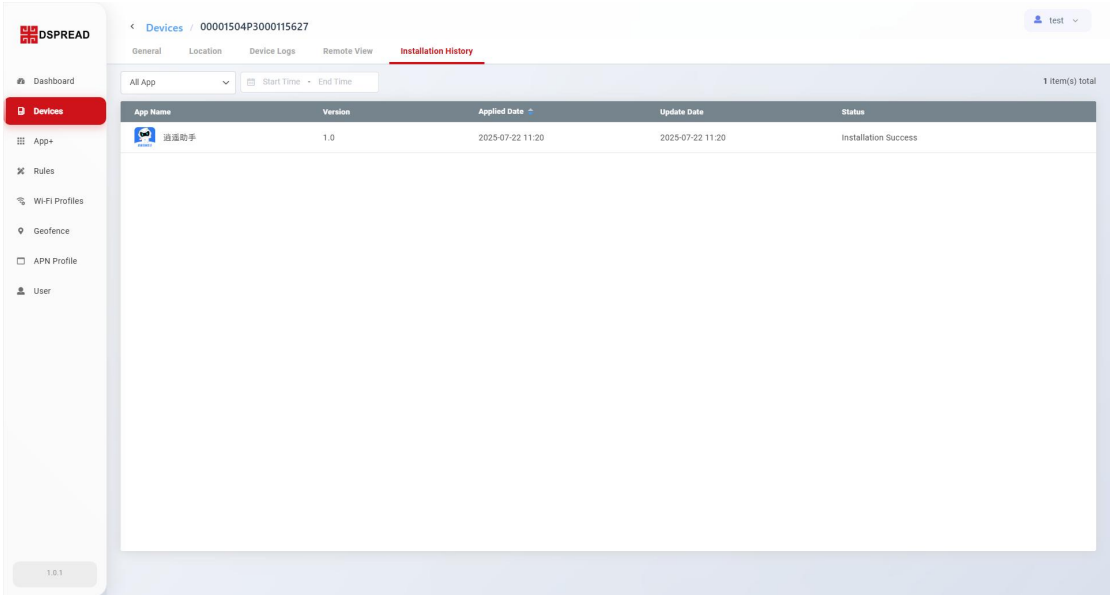
2.3.8 Remote Monitoring

Click **【Remote View】** to enter the terminal remote monitoring page, as shown below:



2.3.9 Push Records

Click **【Installation History】** to enter the terminal push records page, as shown below:

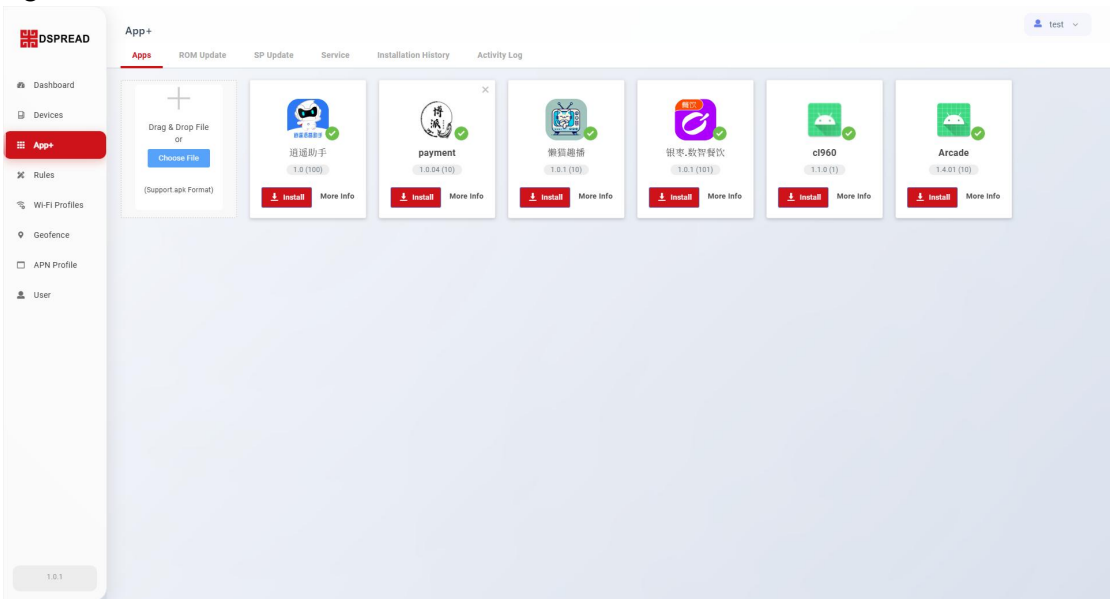


3. App+

3.1 Apps

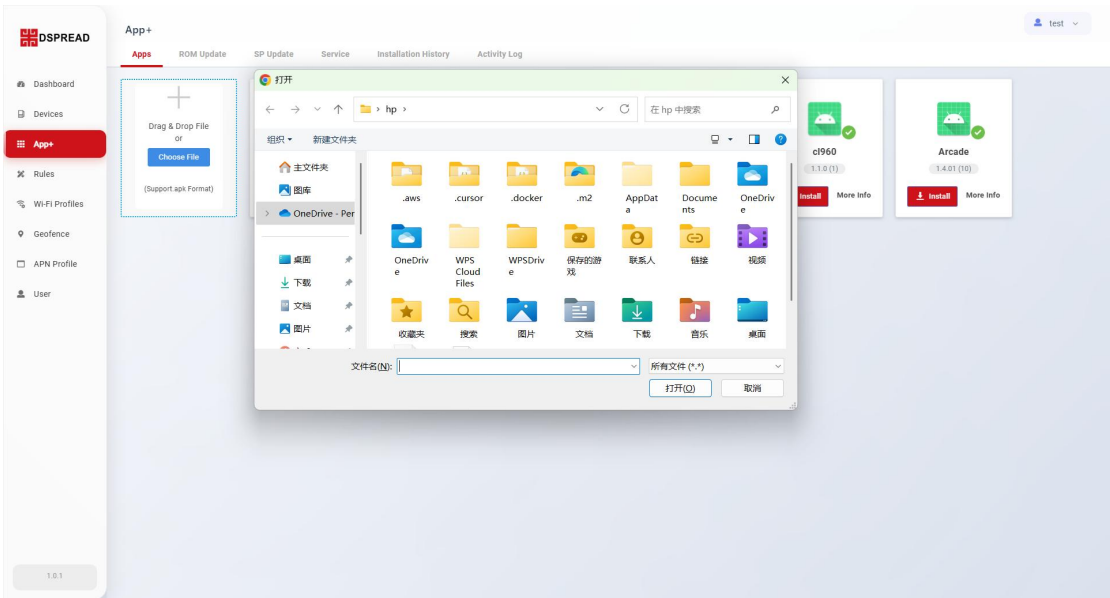
3.1.1 Application Management

Log in to the system, click **【App+】** , then click **【Apps】** to enter the application management module, as shown below:



3.1.2 Upload File

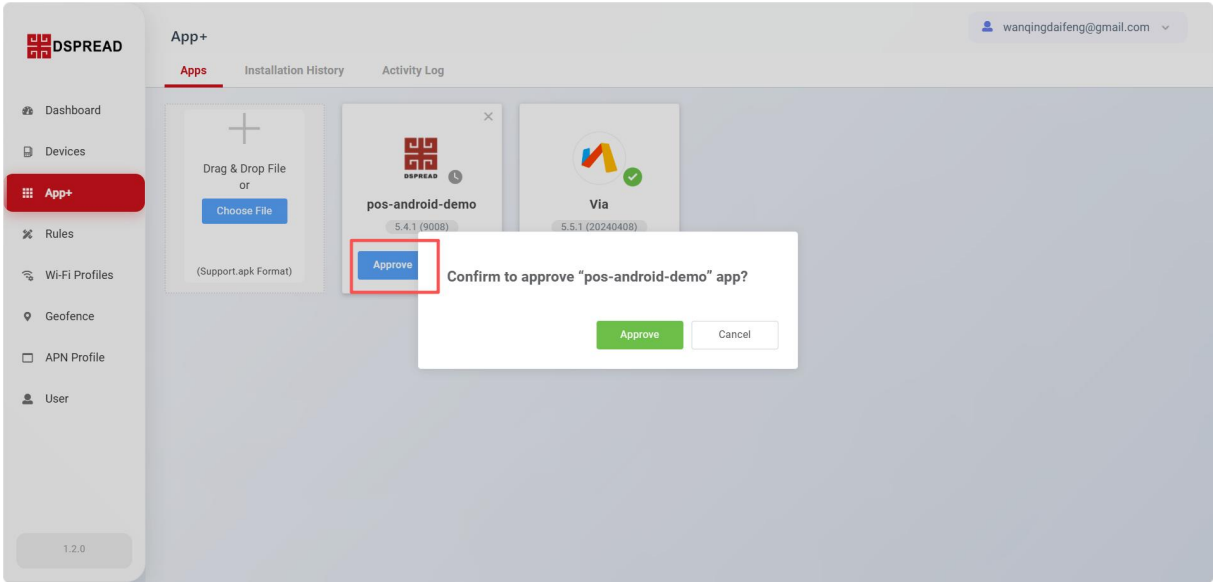
Click **【Choose File】** , and select the apk file to be uploaded in the pop-up dialog box, as shown below:



Note: You can also upload apk files by dragging them.

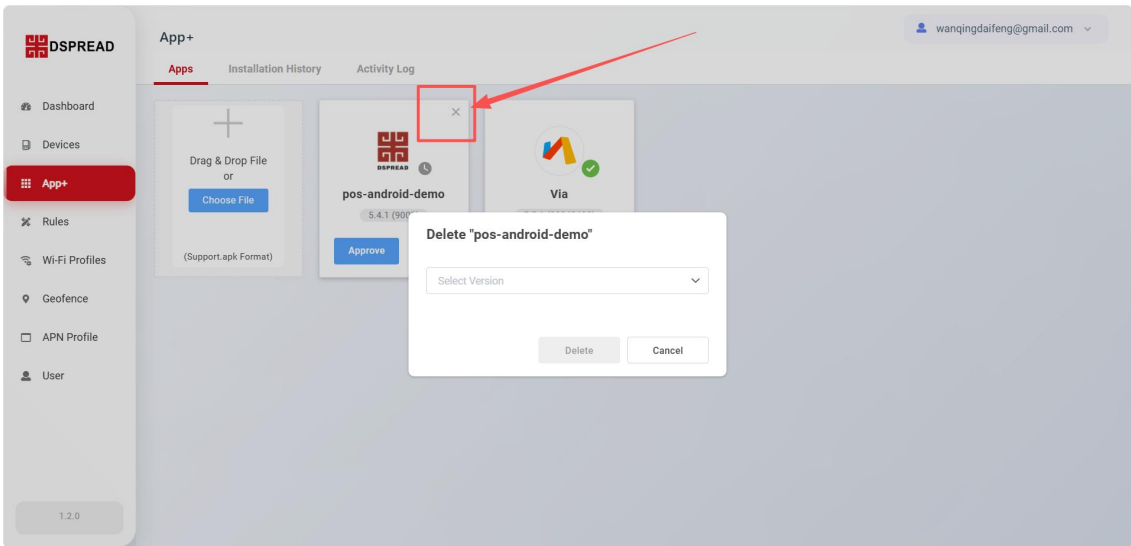
3.1.3 Application Approval

Click **【Approve】** to review the app and change its status to available for normal use, as shown below:



3.1.4 Application Deletion

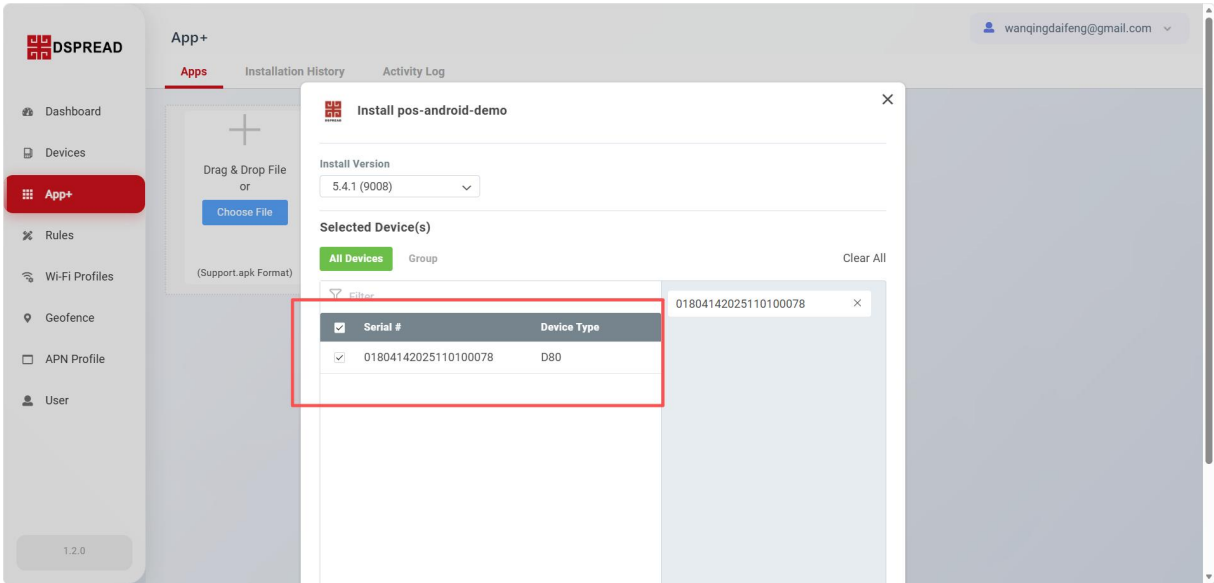
Click **【×】** for any app and select the corresponding version to delete unused apps, as shown below:



Note: When an app has unfinished tasks, it cannot be deleted. Please wait for the task to complete or manually terminate the task first.

3.1.5 Application Push

Click **【Install】** to enter the task push configuration page, as shown below:

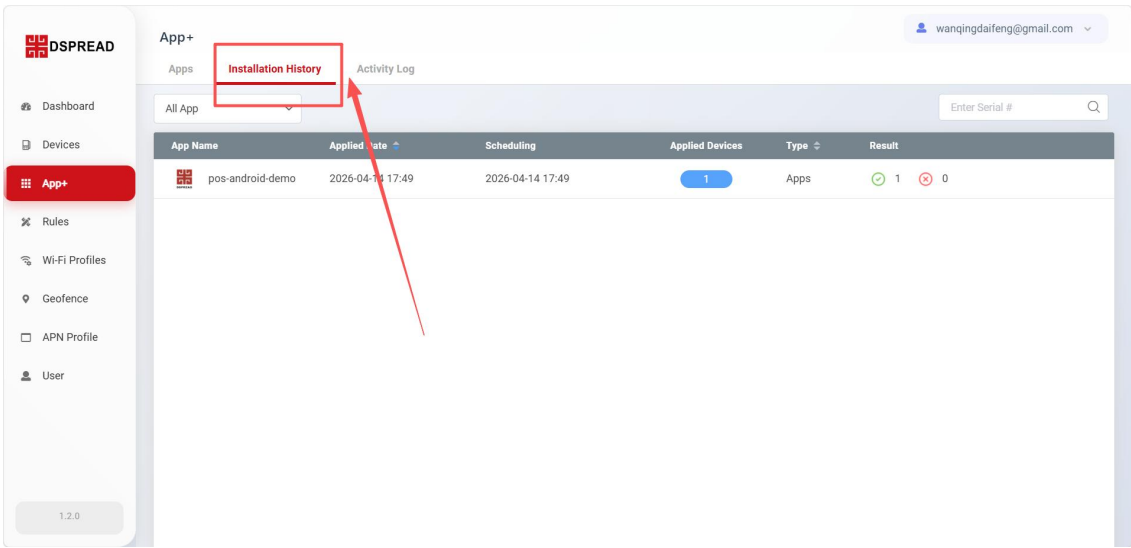


Note: You can push the specified App version to the target terminals via Serial # or Group.

3.2 Installation History

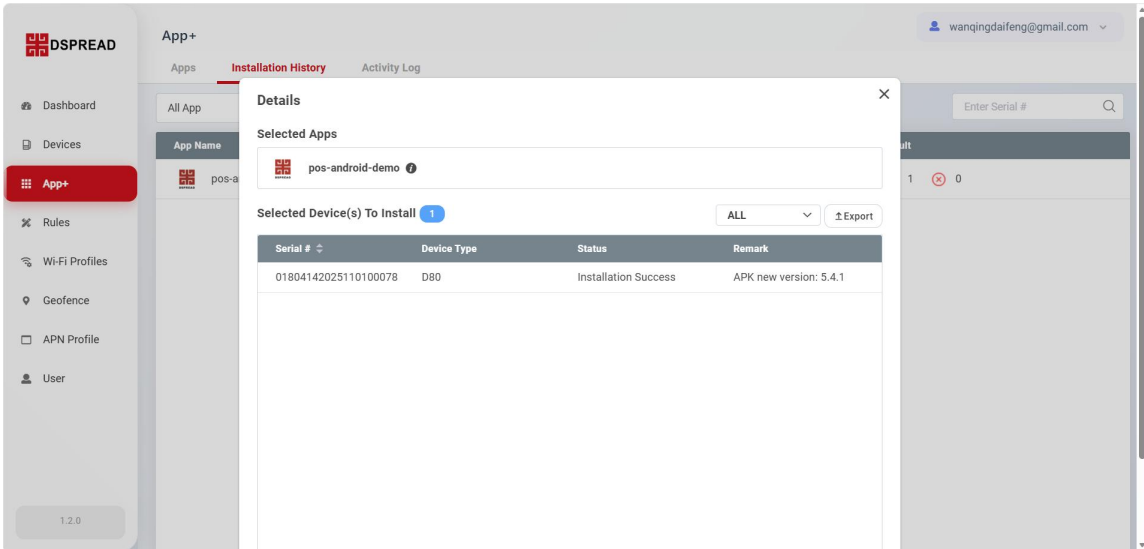
3.2.1 Push Records

Log in to the system, click **【App+】** , then click **【Installation History】** to enter the task push records page, as shown below:



3.2.2 Push Details

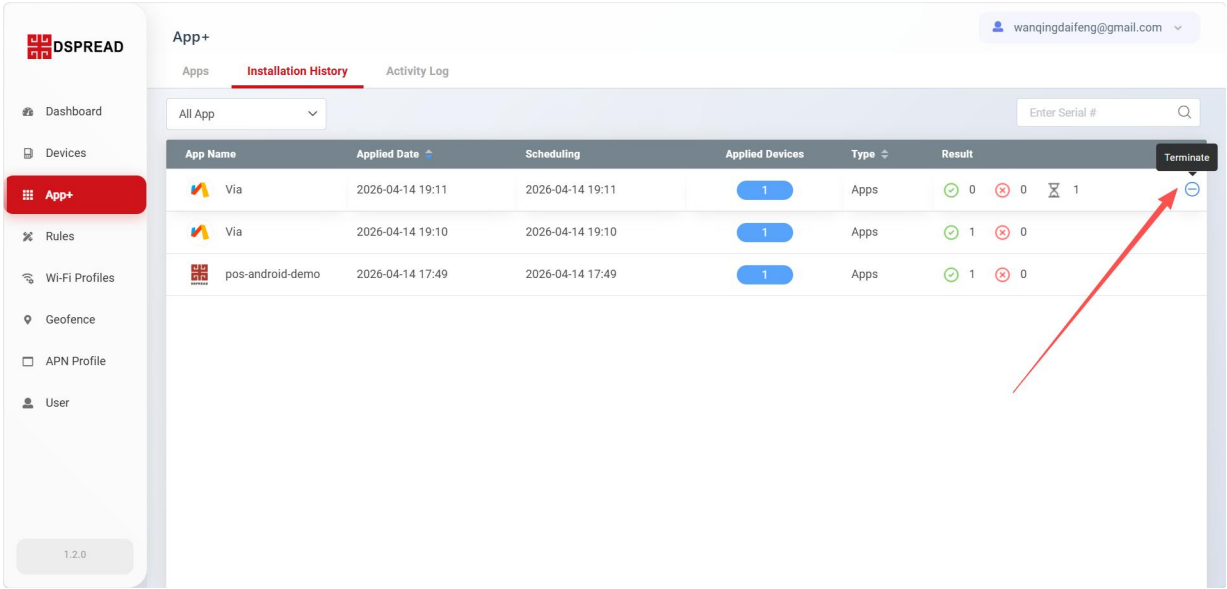
Click any push record row to open the details page for that task push, as shown below:



Note: When there are pending statuses in the page details, the system will automatically refresh the page status.

3.2.3 Terminate Task

Click **【Terminate】** to terminate a task that is in progress, as shown below:

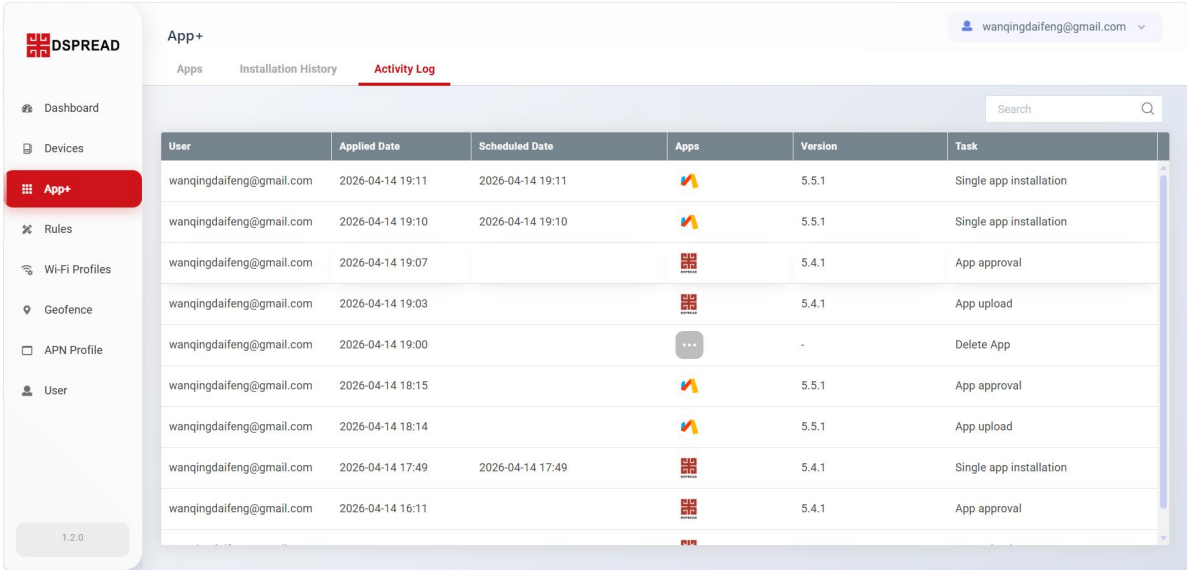


Note: Only unfinished tasks can be terminated.

3.3 Activity Log

3.3.1 Push Logs

Log in to the system, click 【App+】 , then click 【Activity Log】 to enter the push logs page, as shown below:

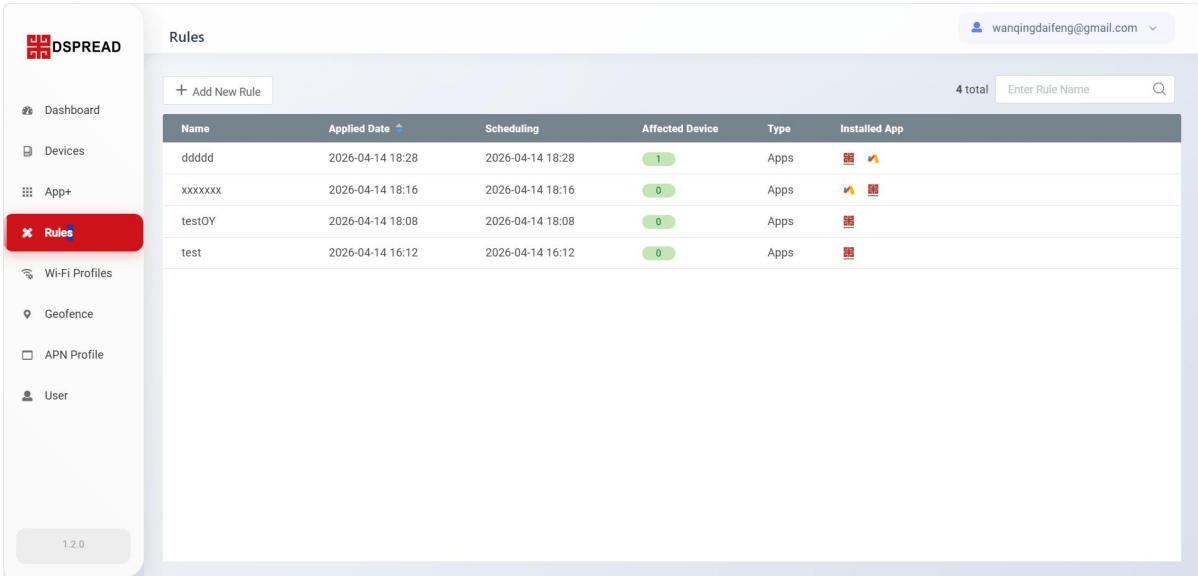


Note: This function can only display tasks pushed by App+.

4. Rules

4.1 Rule Management

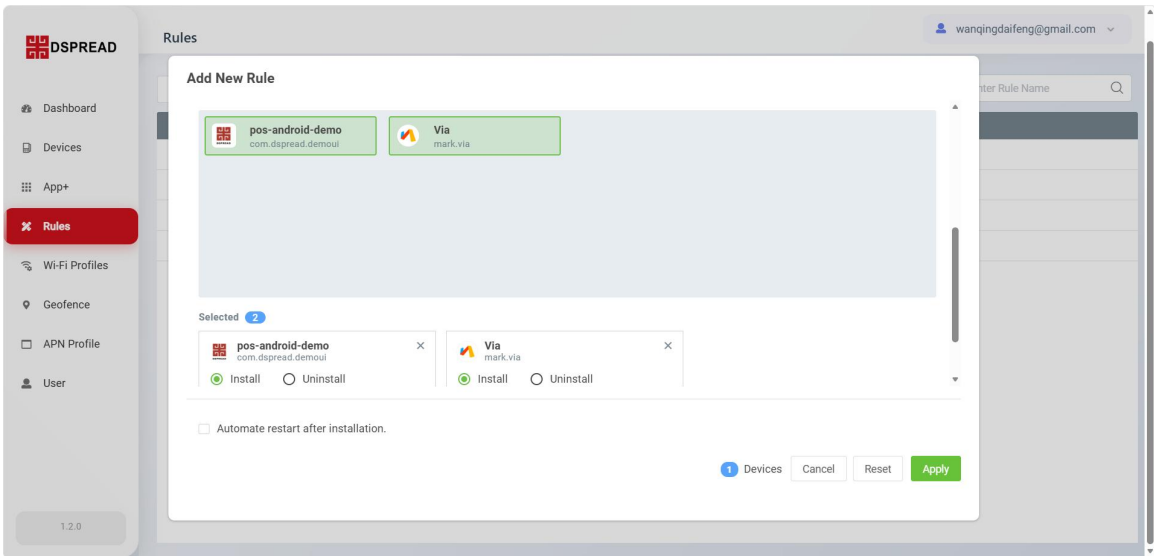
Log in to the system and click **【Rules】** to enter the Rule management page, as shown below:



Note: A Rule is a business that supports multi-App or Service push.

4.2 Add New Rule

Click **【Create New Rule】** to enter the Add New Rule page, as shown below:



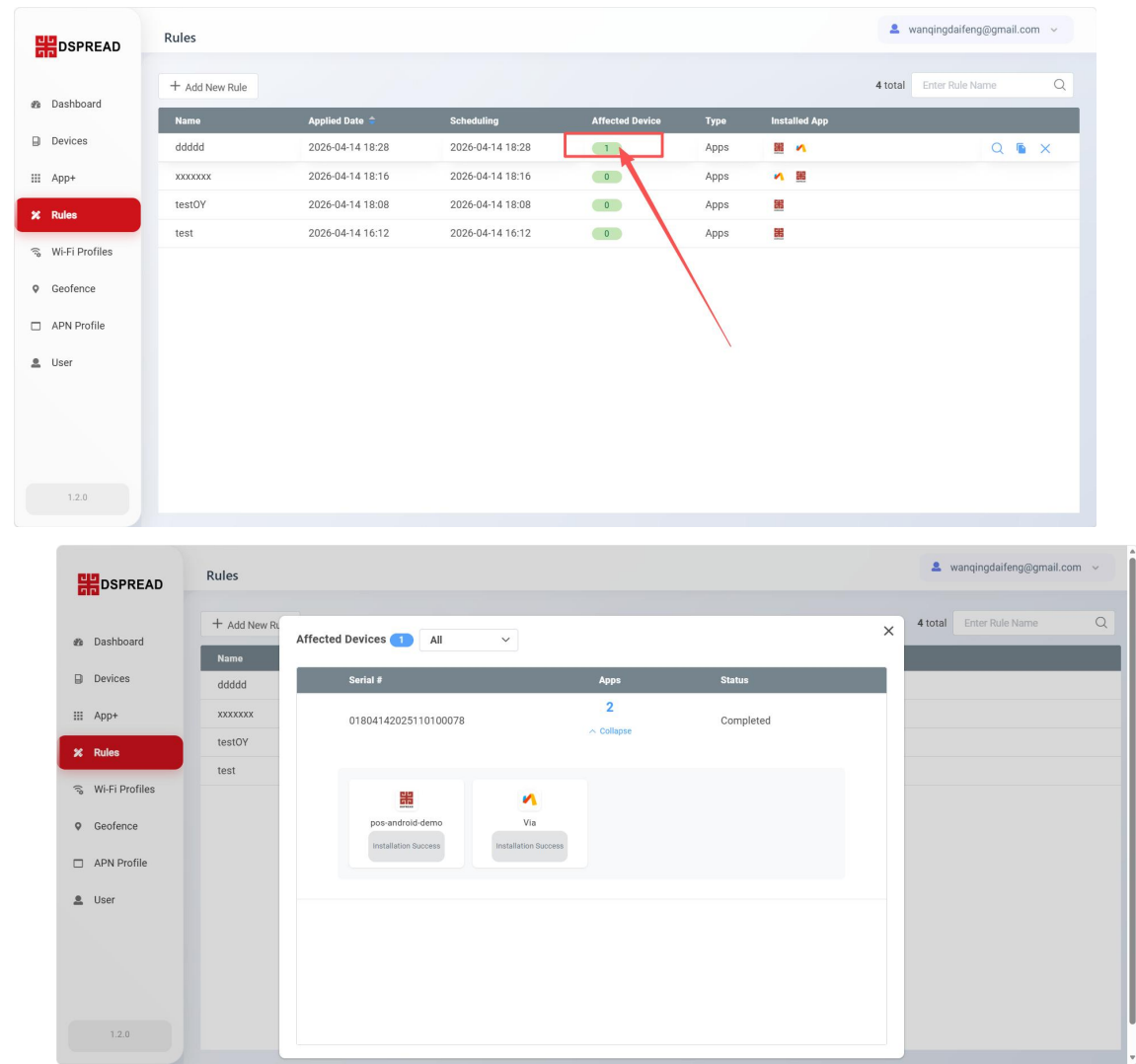
Note:

- Apps can only be selected from applications under the current user's organization.
- Apps support Install and Delete methods.
- Services support Enable and Disable methods.

- Conditions: Select terminals that meet the conditions.
- Exception: Exclude terminals that meet the conditions.

4.3 Terminal Details

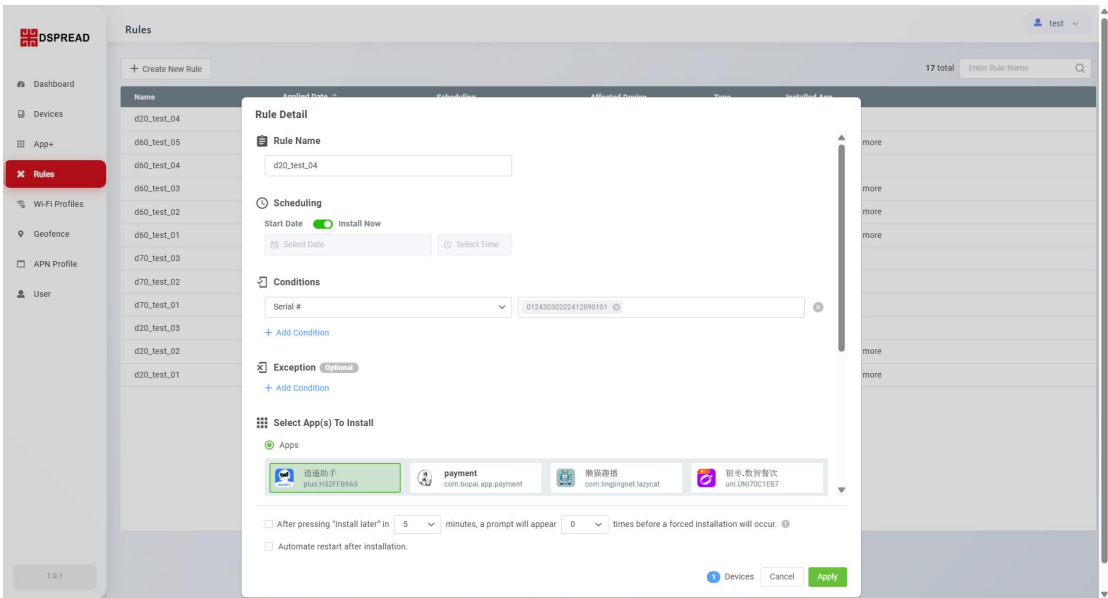
Click the Affected Device count for any Rule to enter the execution details page for the associated terminals, as shown below:



Note: You can click Expand/Collapse to expand and collapse the application installation details for each terminal.

4.4 Rule Details

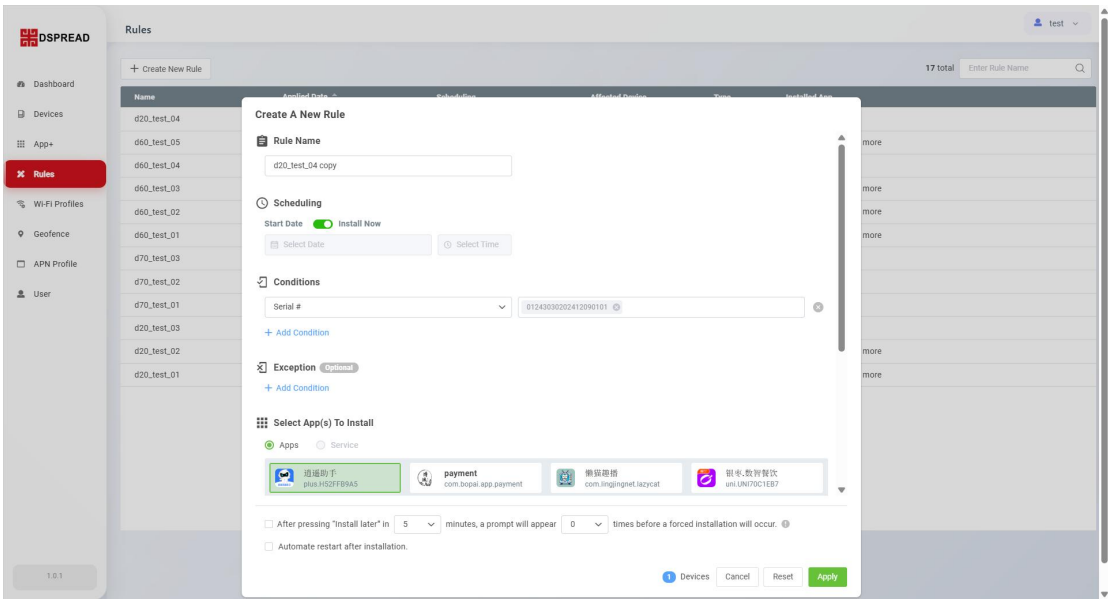
Click **【Detail】** for any Rule to enter the Rule details page, as shown below:



Note: The Type (Apps/Service) of a Rule cannot be modified. Modifying it will re-push the task to the selected terminals.

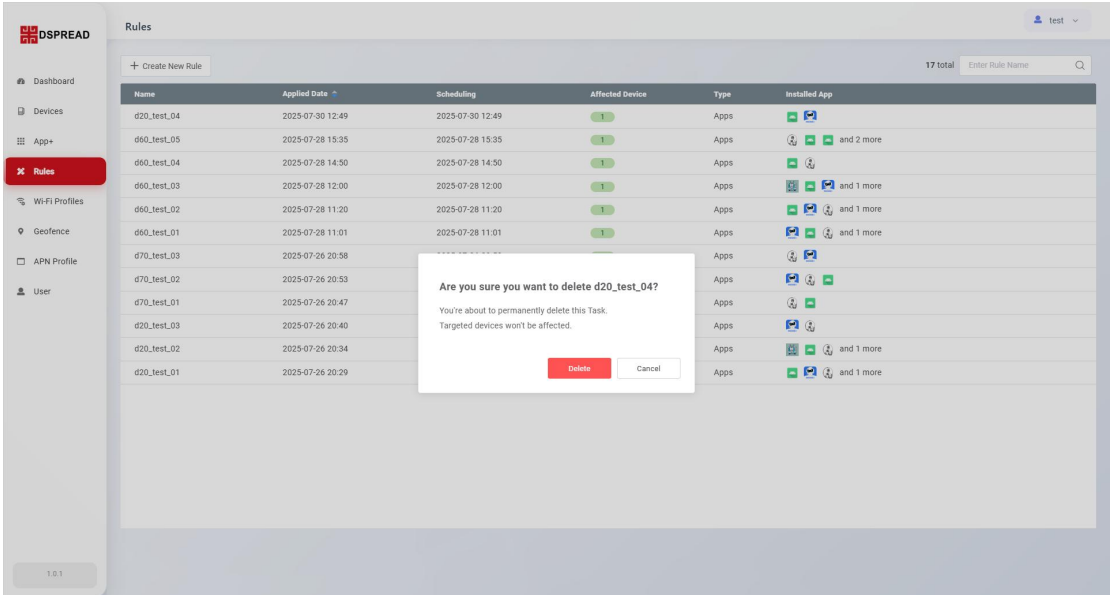
4.5 Copy Rule

Click **【Copy As New】** for any Rule to enter the Rule copy page, as shown below:



4.6 Delete Rule

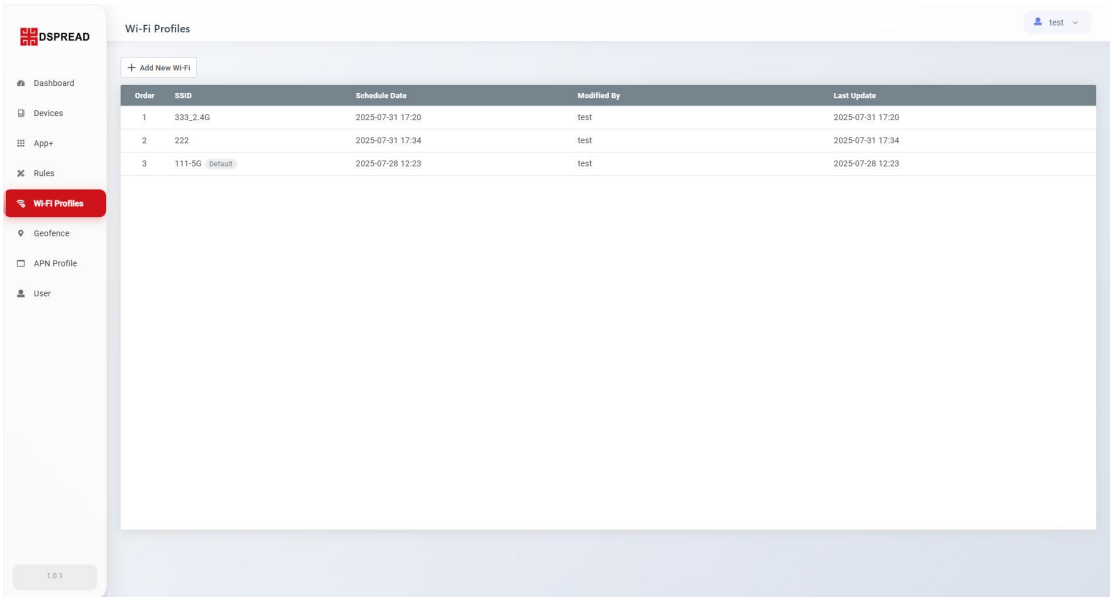
Click **【Delete】** for any Rule to perform the delete Rule operation, as shown below:



5. Wi-Fi Profiles

5.1 Wi-Fi Management

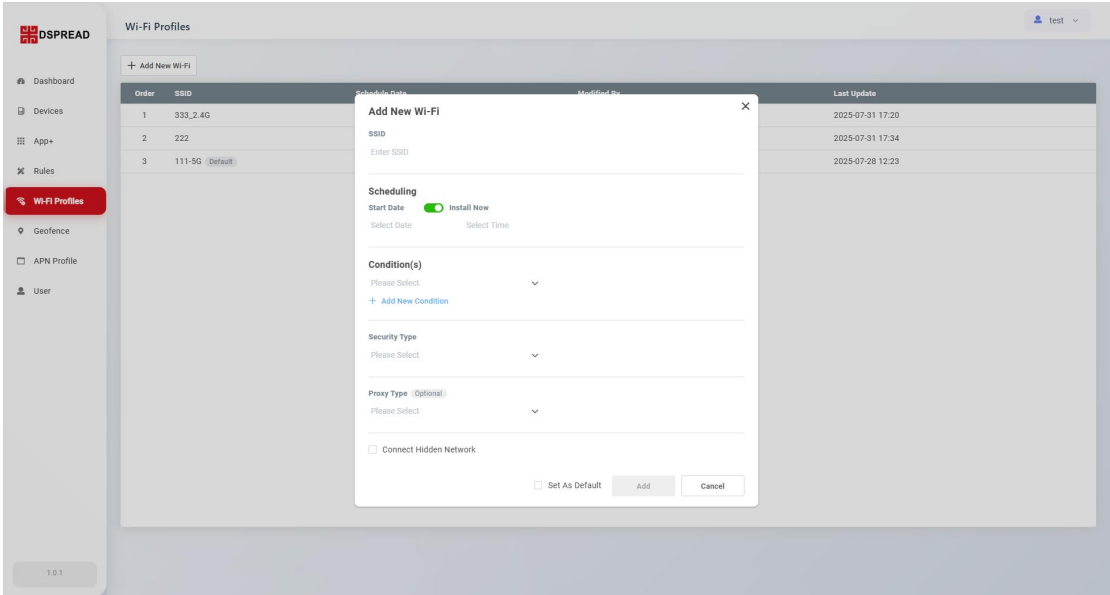
Log in to the system and click **【Wi-Fi Profiles】** to enter the Wi-Fi management page, as shown below:



Note: Wi-Fi is only effective for terminals under the current organization.

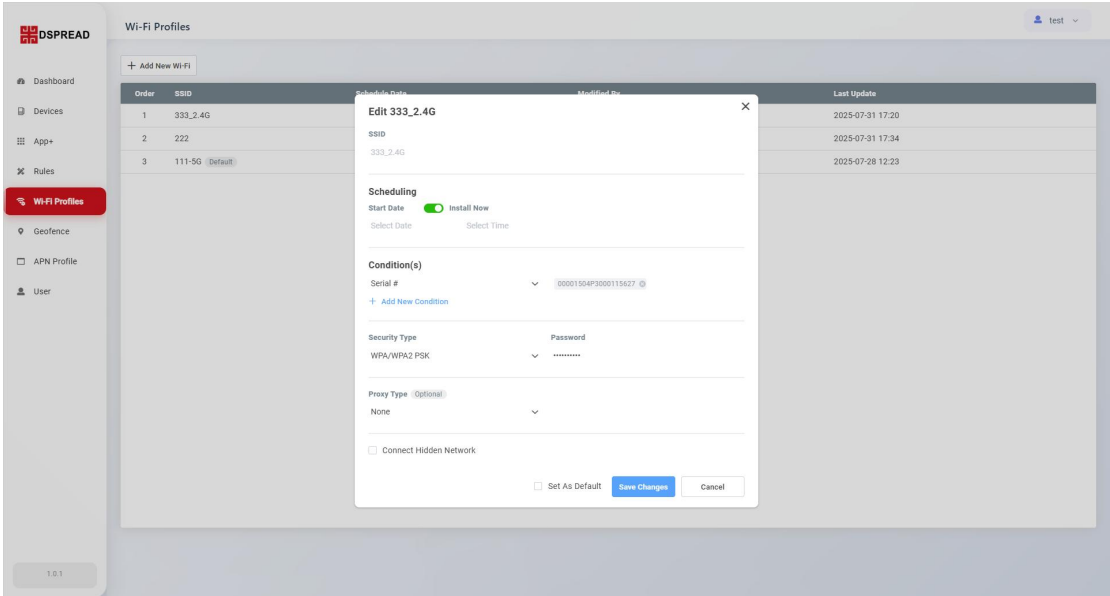
5.2 Add New Wi-Fi

Click **【Add New Wi-Fi】** to enter the Add New Wi-Fi page, as shown below:



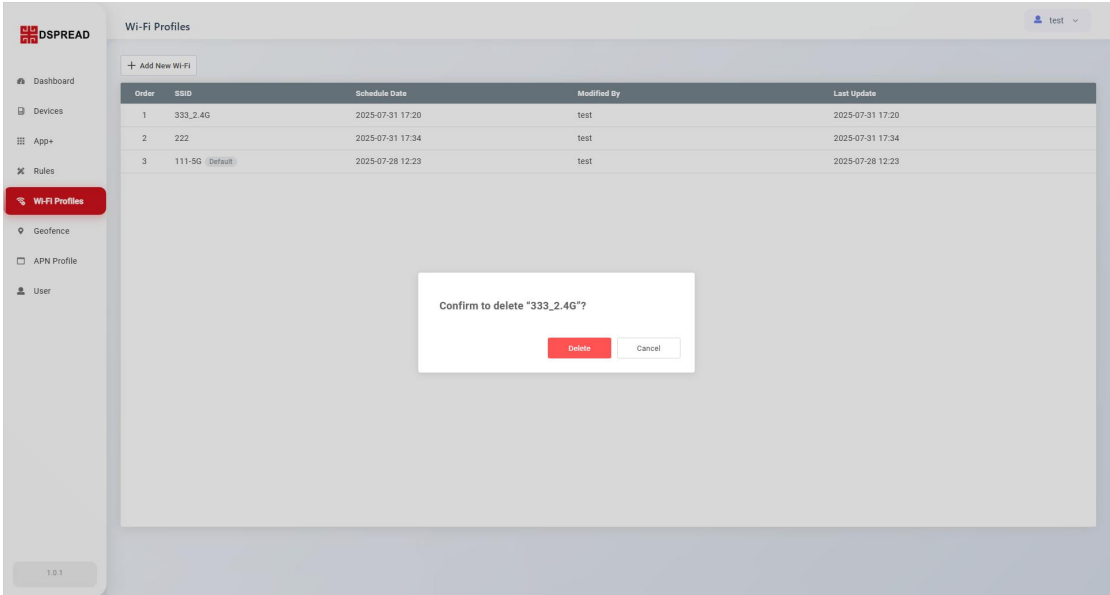
5.3 Edit Wi-Fi

Click **【Edit】** for any Wi-Fi to enter the Edit Wi-Fi page, as shown below:



5.4 Delete Wi-Fi

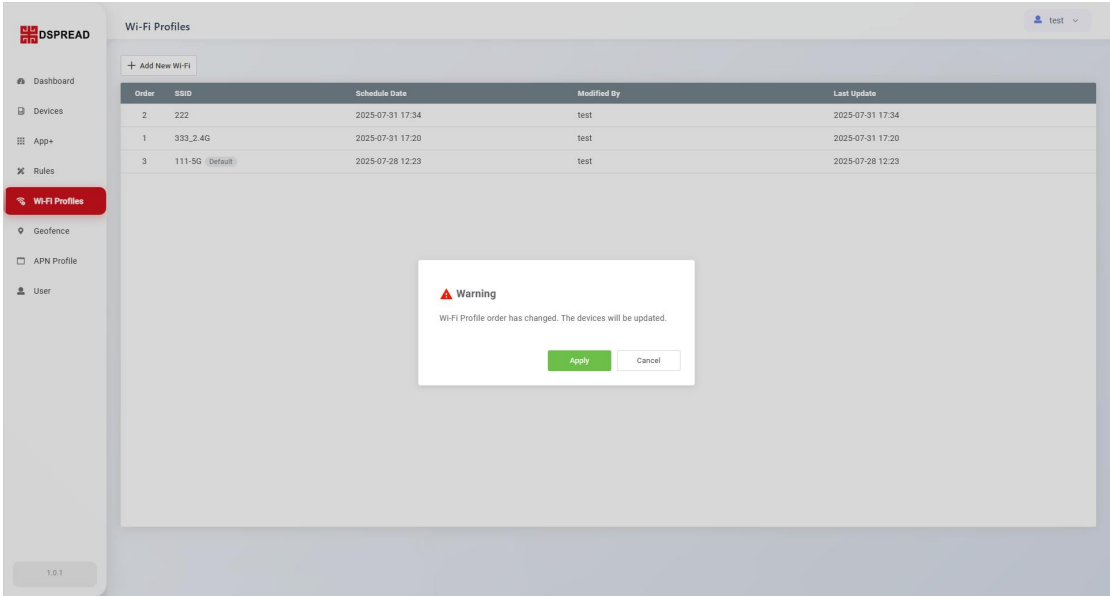
Click **【Delete】** for any Wi-Fi to perform the delete Wi-Fi operation, as shown below:



Note: After deleting Wi-Fi, the latest Wi-Fi information will be pushed to the associated terminals.

5.5 Wi-Fi Sorting

Hold down the drag button in front of the Wi-Fi list to sort the Wi-Fi order, as shown below:

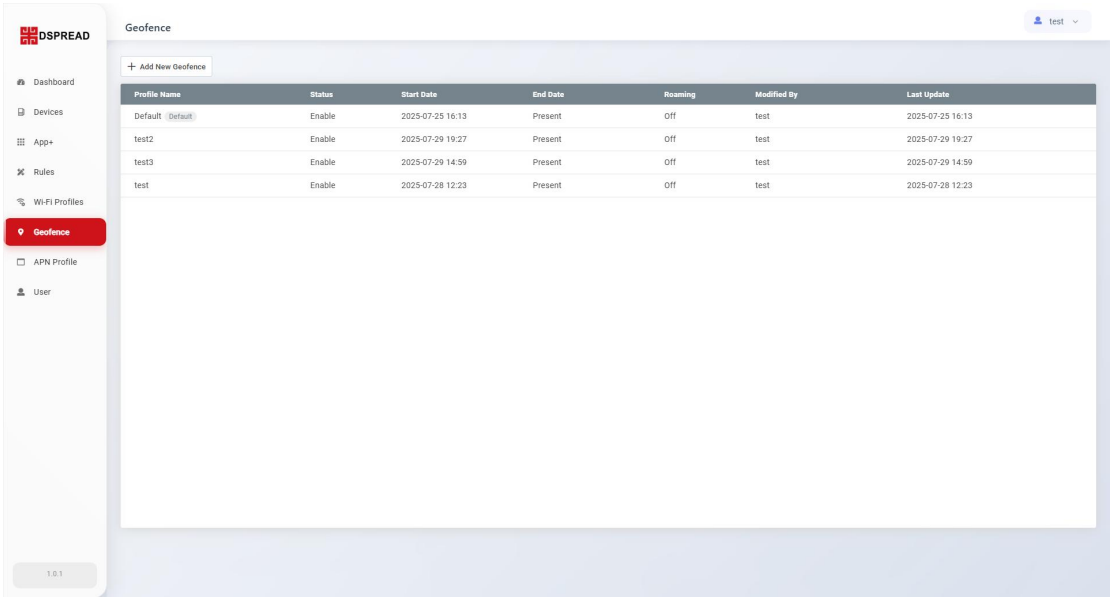


- Note:
- The Default Wi-Fi cannot be dragged and is ranked last by default.
 - After changing the Wi-Fi order, the latest Wi-Fi information will be pushed to the associated terminals.

6. Geofence

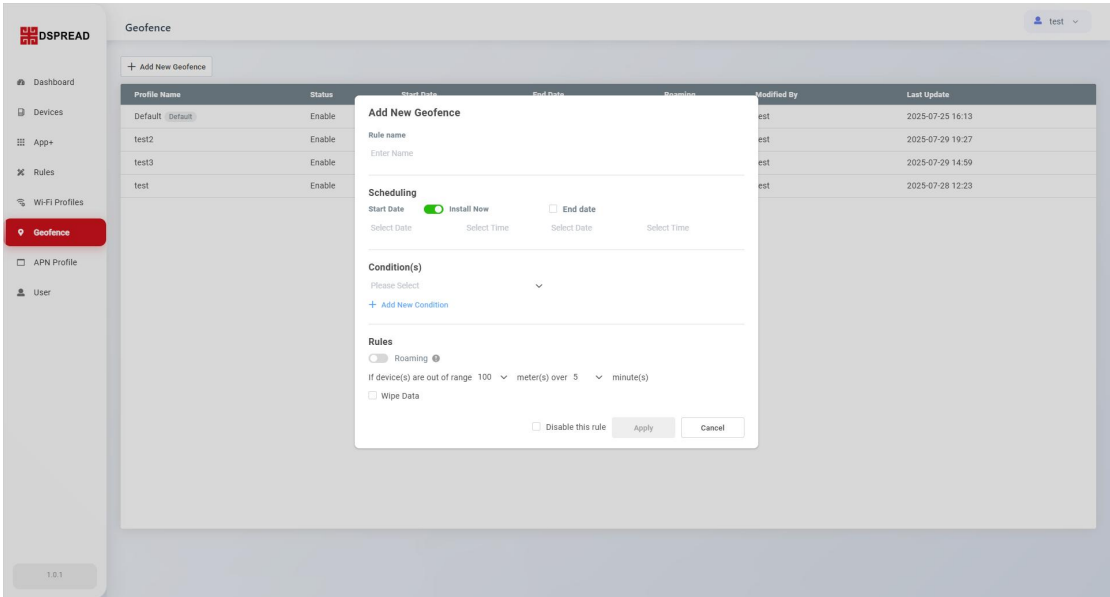
6.1 Geofence Management

Log in to the system and click **【Geofence】** to enter the Geofence management page, as shown below:



6.2 Add New Geofence

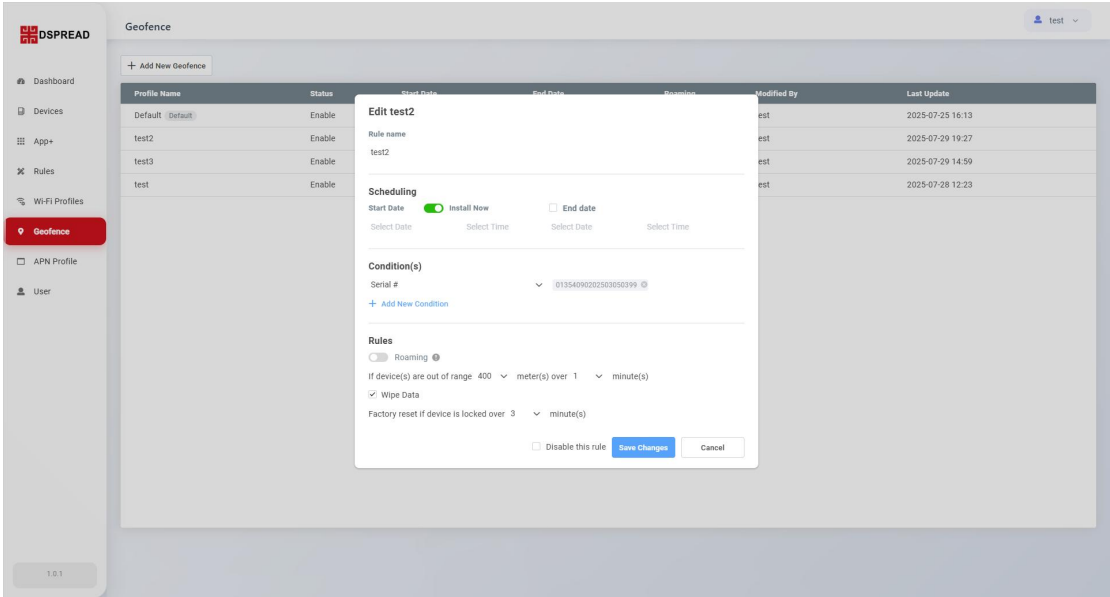
Click **【Add New Geofence】** to enter the Add New Geofence page, as shown below:



Note: The first Geofence configuration created is default, which takes effect for all terminals under the current organization.

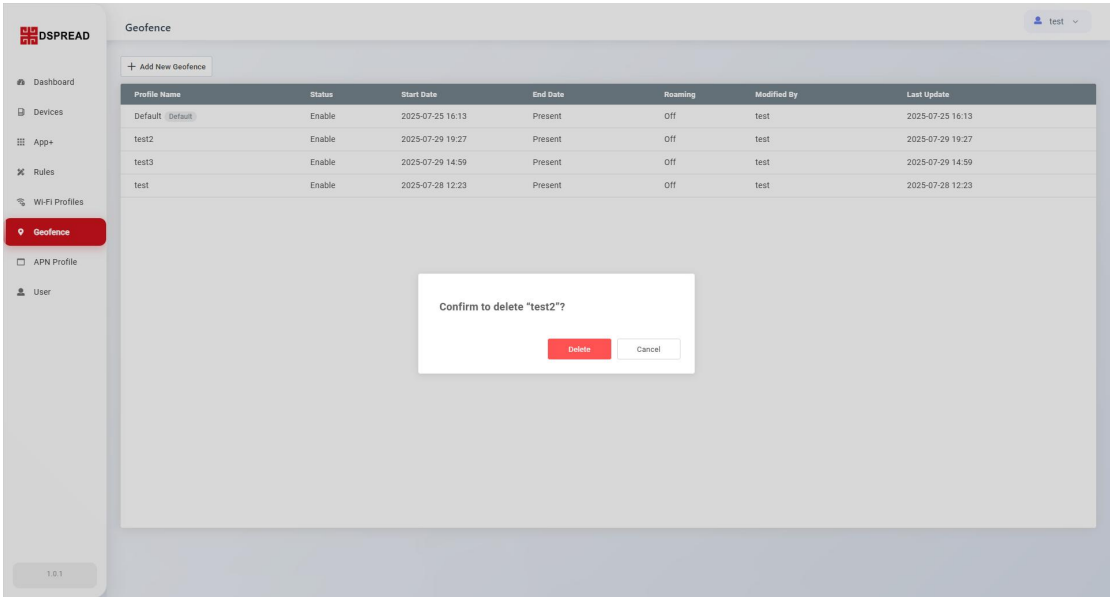
6.3 Edit Geofence

Click **【Edit】** for any Geofence to enter the Edit Geofence page, as shown below:



6.4 Delete Geofence

Click **【Delete】** for any Geofence to perform the delete Geofence operation, as shown below:

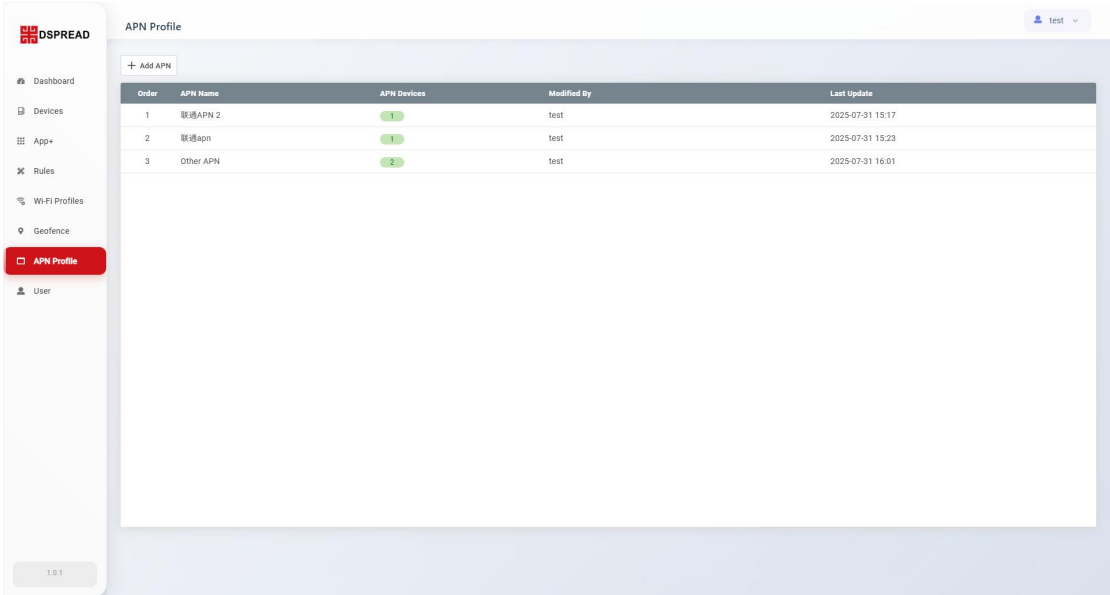


Note: The Default Geofence cannot be deleted.

7. APN Profile

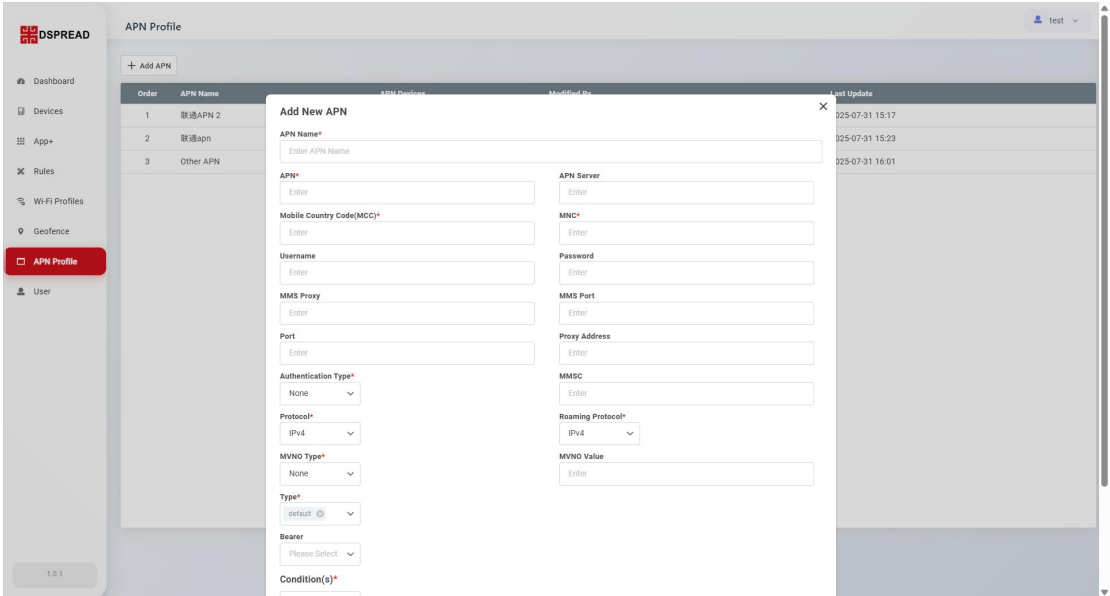
7.1 APN Management

Log in to the system and click **【APN Profile】** to enter the APN management page, as shown below:



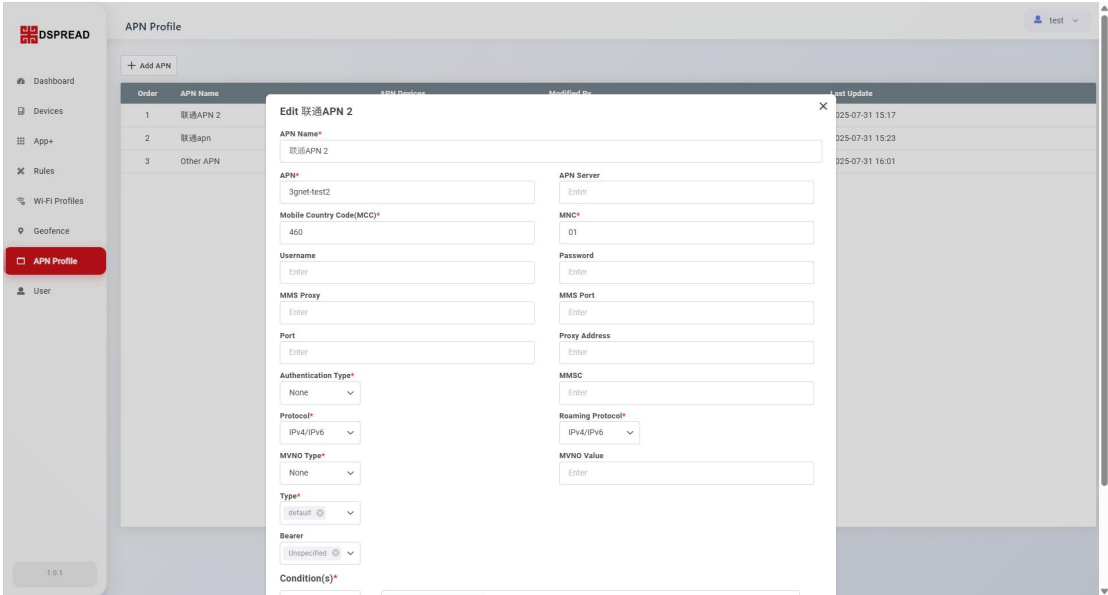
7.2 Add New APN

Click **【Add New APN】** to enter the Add New APN page, as shown below:



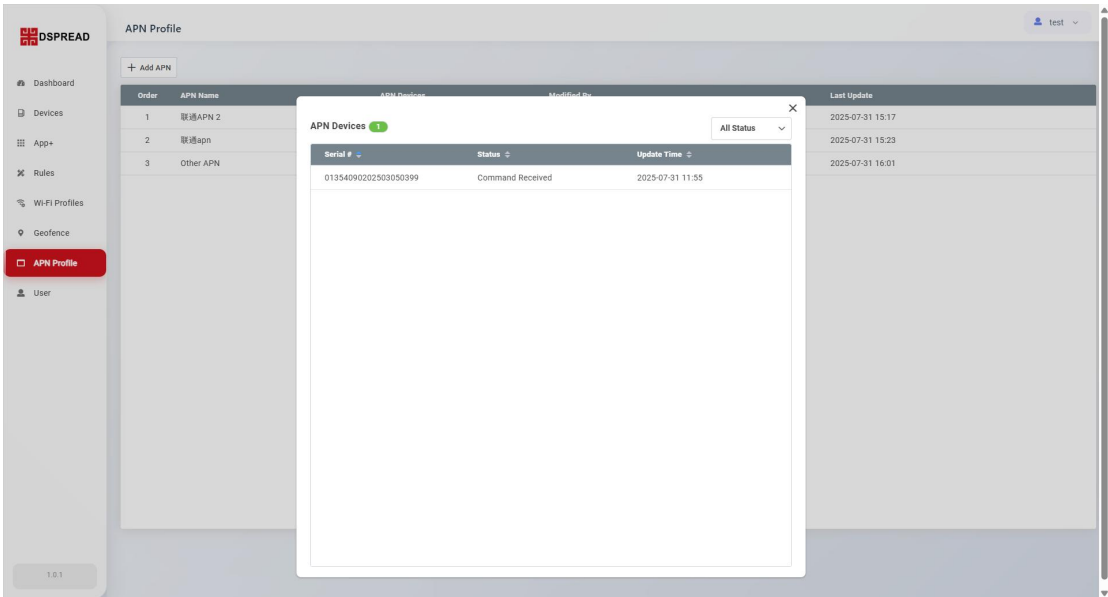
7.3 Edit APN

Click **【Edit】** for any APN to enter the Edit APN page, as shown below:



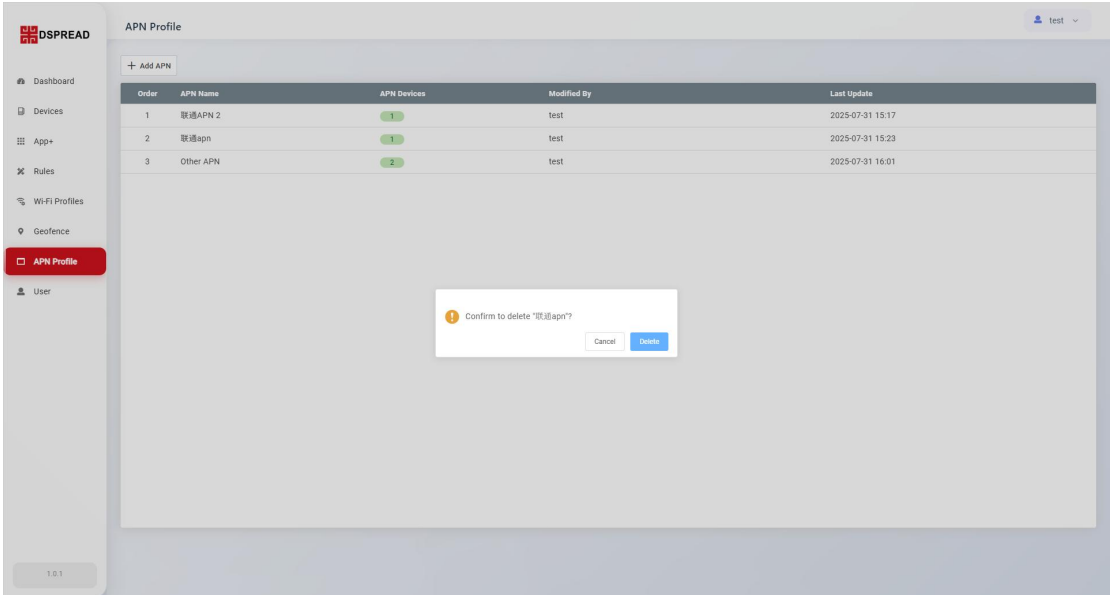
7.4 Terminal Details

Click the Affected Device count for any APN to enter the execution details page for the associated terminals, as shown below:



7.5 Delete APN

Click **【Delete】** for any APN to perform the delete APN operation, as shown below:

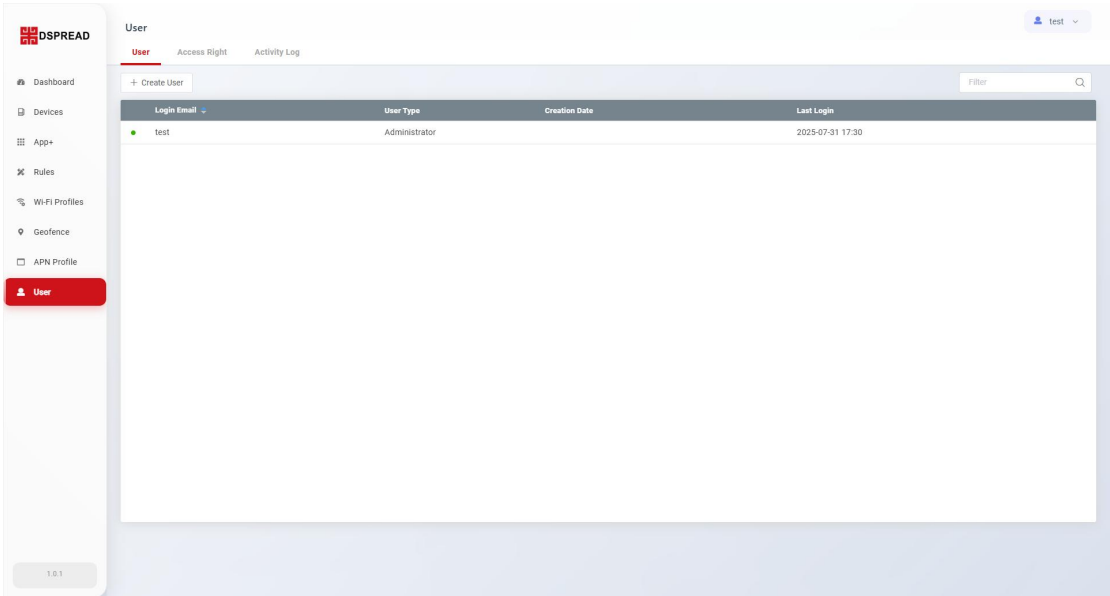


8. User

8.1 User

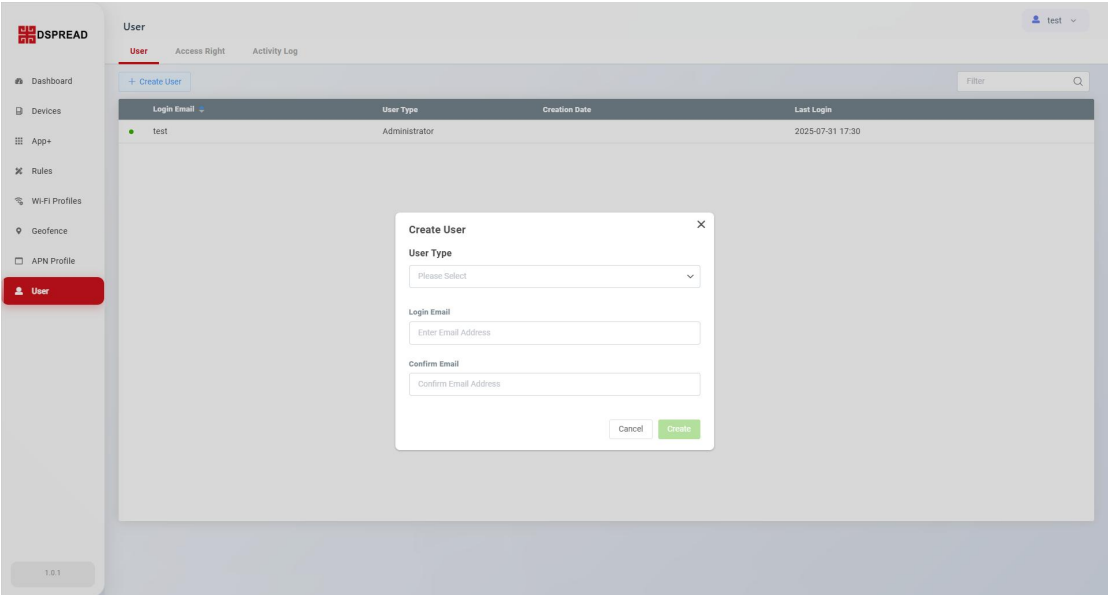
8.1.1 User Management

Log in to the system, click **【User】** , then click **【User】** to enter the user management module, as shown below:



8.1.2 Add User

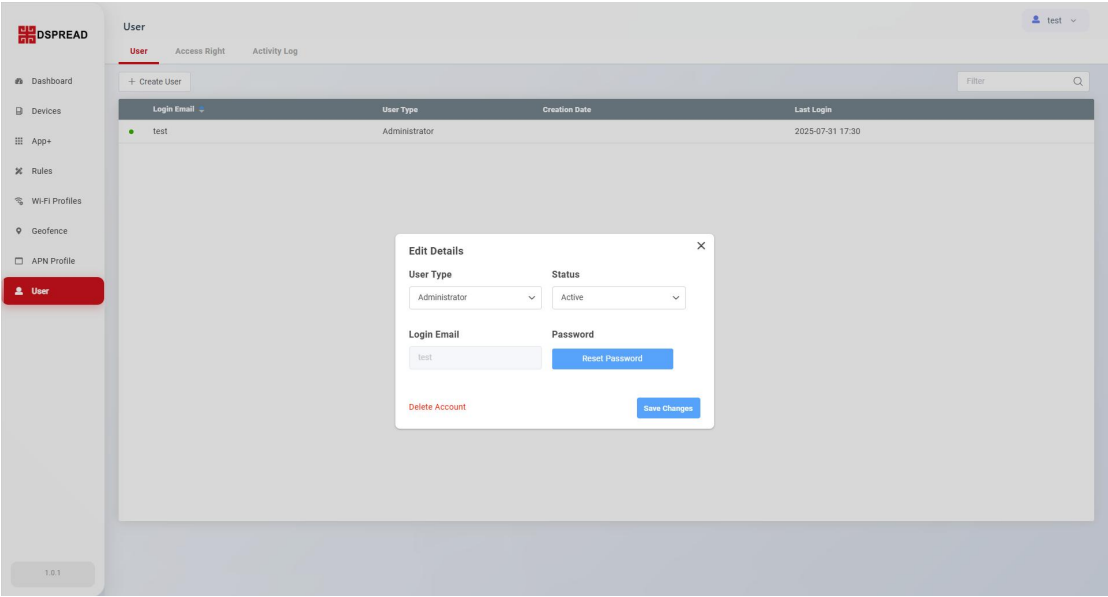
Click **【Create User】** to enter the Add User page, as shown below:



Note: The newly added user needs to activate the account via email before it can be used normally.

8.1.3 Edit User

Click **【Edit】** for any user to enter the Edit User page, as shown below:

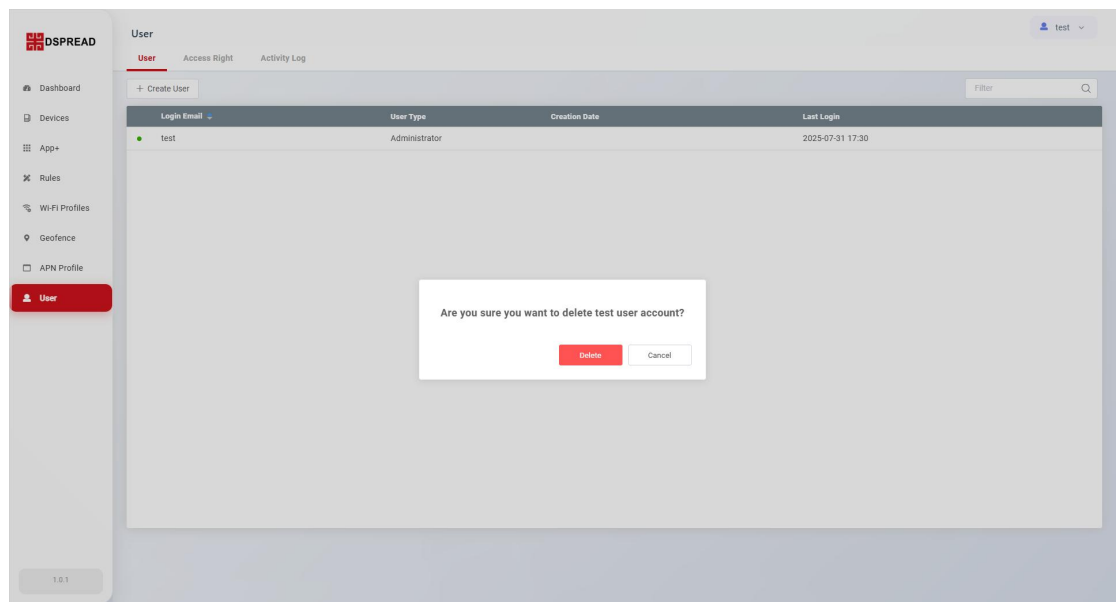


Editing a user allows the following operations:

- Modify basic information
- Deactivate user
- Reset password, the default password after reset is 123456
- Delete user

8.1.4 Delete User

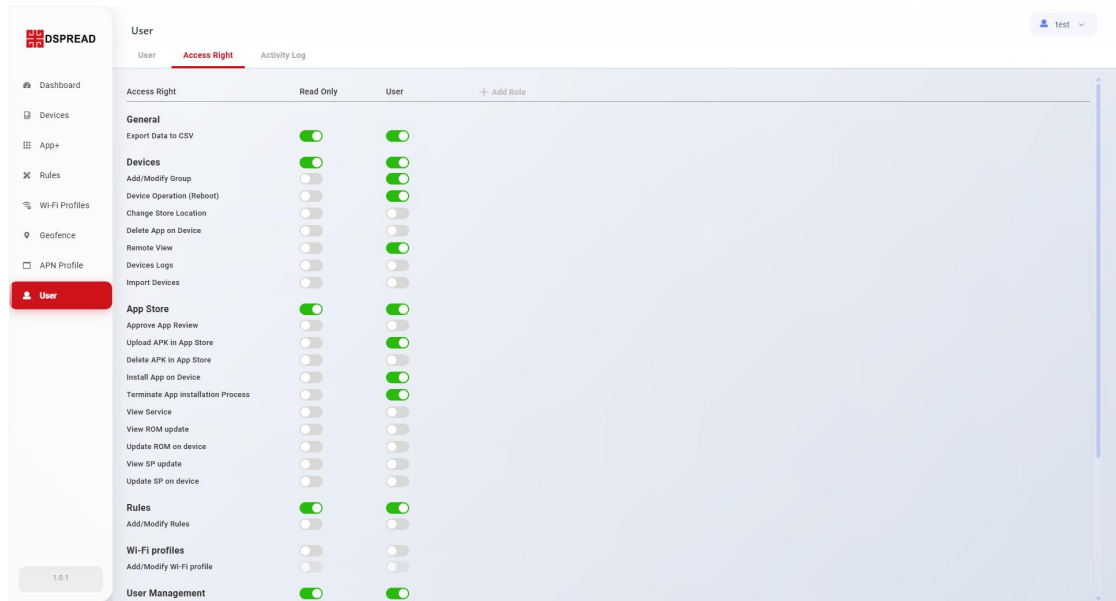
Click **【Delete】** for any user to perform the delete user operation, as shown below:



8.2 Access Right

8.2.1 Permission Management

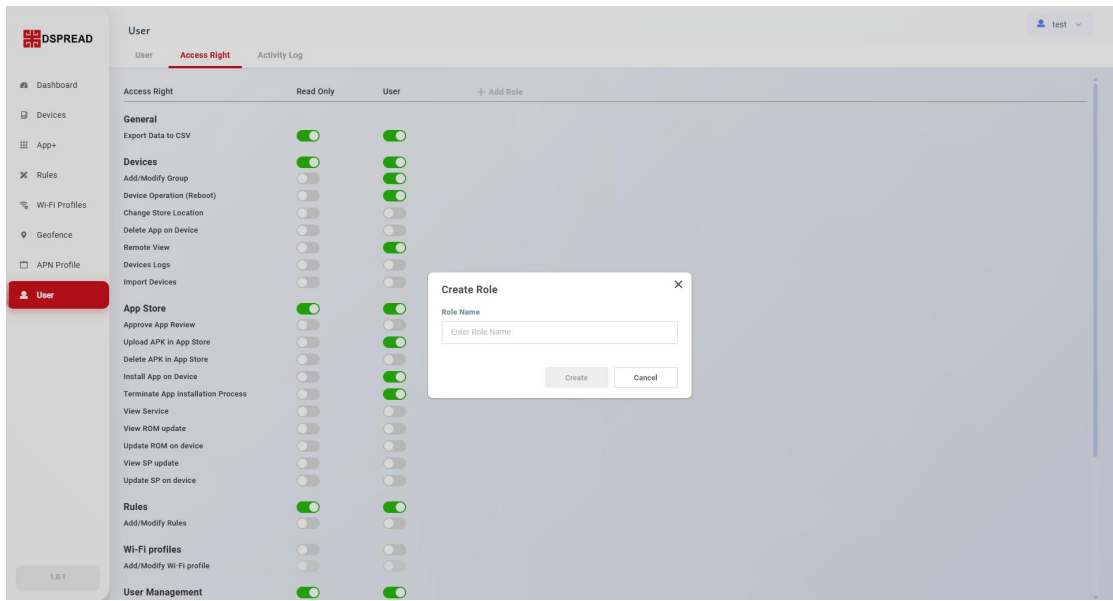
Log in to the system, click **【User】** , then click **【Access Right】** to enter the permission management module, as shown below:



Note: Each organization can independently manage its own roles and corresponding permissions. When an organization is created, the system will create three default roles for the organization: Administrator, User, and Read Only.

8.2.2 Add Role

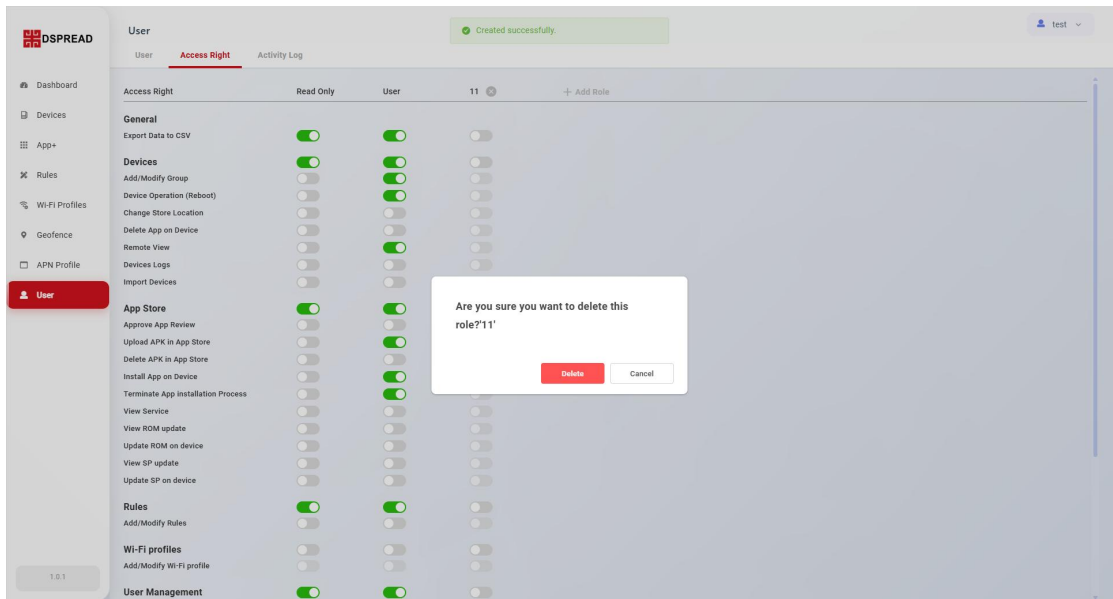
Click **【Add Role】** to enter the Add Role page, as shown below:



Note: Role names cannot be duplicated within the same organization.

8.2.3 Delete Role

Click **【×】** for any role to perform the delete role operation, as shown below:

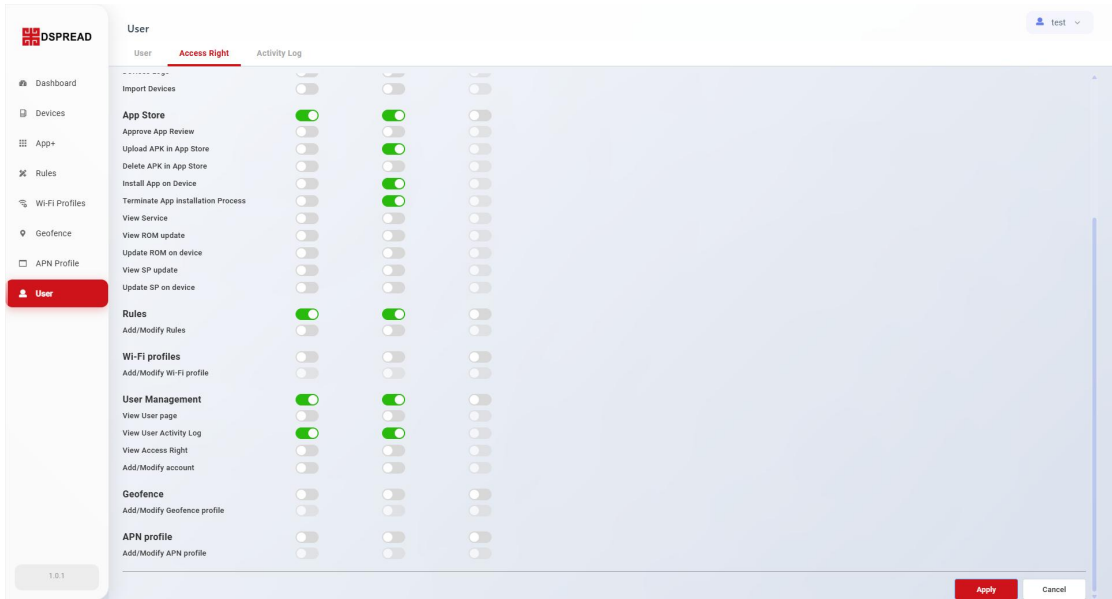


Note:

- Only manually generated roles can be deleted, not the system default roles Administrator, User, and Read Only.
- A role that is already in use cannot be deleted. If you need to delete it, please modify or delete the corresponding user first.

8.2.4 Edit Permissions

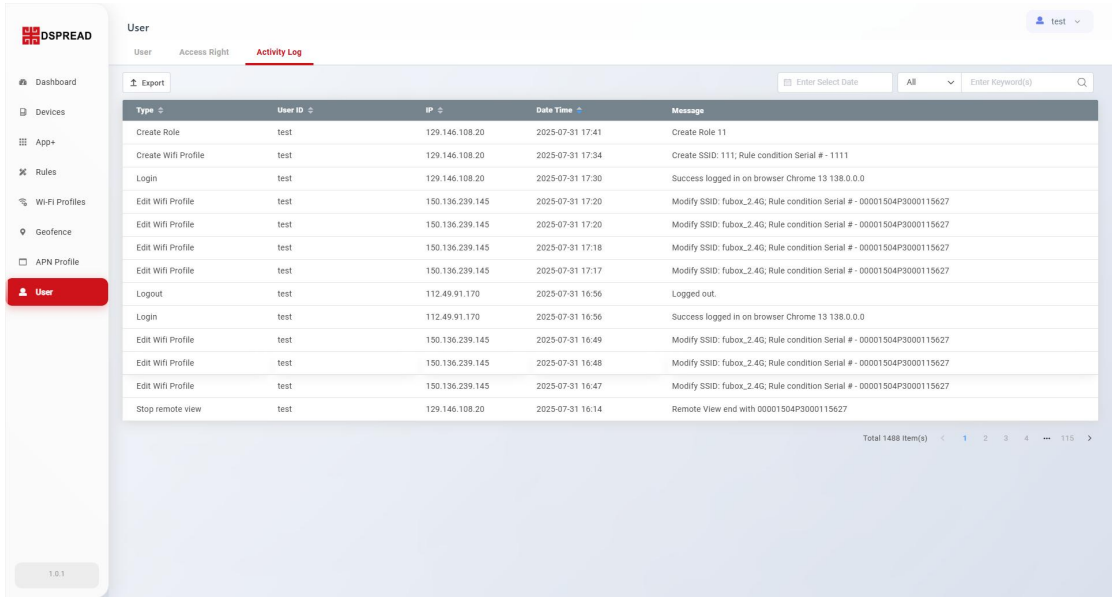
Click the switch button for the corresponding permission under any role, confirm, and then click **【Apply】** at the bottom of the page to complete the role's permission editing, as shown below:



8.3 Activity Log

8.3.1 Operation Logs

Log in to the system, click **【User】** , then click **【Activity Log】** to enter the system user operation log management module, as shown below:



Note: Only the operation logs of the current organization and its sub-organizations' users can be viewed.

8.3.2 Export Logs

Click **【Export】** to export the operation logs of the current organization and its sub-organizations' users.