

PAXSTORE Release Notes

A new era of device & data management



PAXSTORE
NORTH AMERICA

A new era of Device & Data Management

PAXSTORE North American Group

PAXSTORE 9.7 Release Notes

V1.0 05/25/2025

ZOLON Technology

Preface

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TECHNICAL SUPPORT CONTACT INFORMATION

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Revision History

Date Version Description

05-25-2025 v1.0 • Initial Release

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1. New Features

1.1. Commercial Device Management Optimization

1.1.1. Commercial Device Profile

A new enhanced feature for resellers and Marketplace owners the capability to design profile which supports brand-new and more powerful configurations. At present, it has been adapted to models of the L series (L1400), M series, KDS and so on. (Image1.1.1).

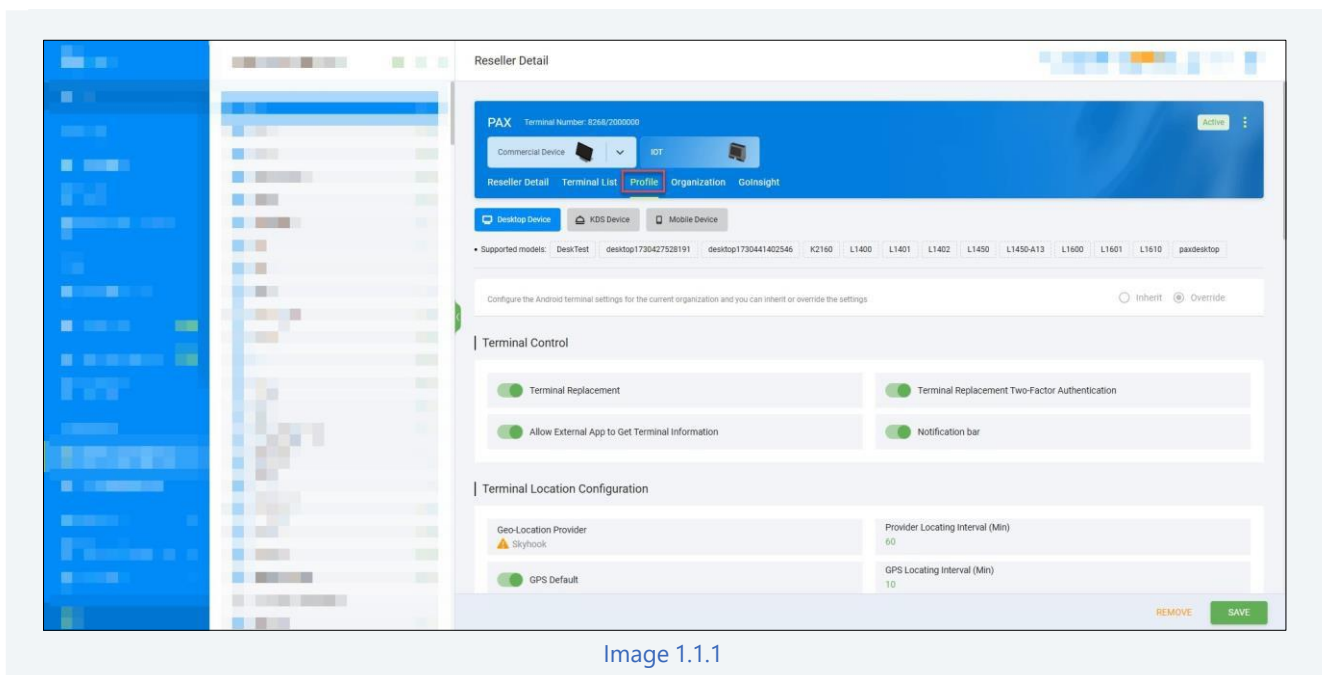


Image 1.1.1

Updates for New Profile:

A new enhanced feature for Resellers and Marketplace owners is the new Profile update. The changes are as follows:

1. Newly added configurations:

- **Restrictions** (Image1.1.1.1)
 - **Hardware Control**
 - ◆ Camera Access
 - ◆ Disable Screen Capture
 - ◆ Disable Location Sharing
 - **Device Connectivity**
 - ◆ USB Data Access

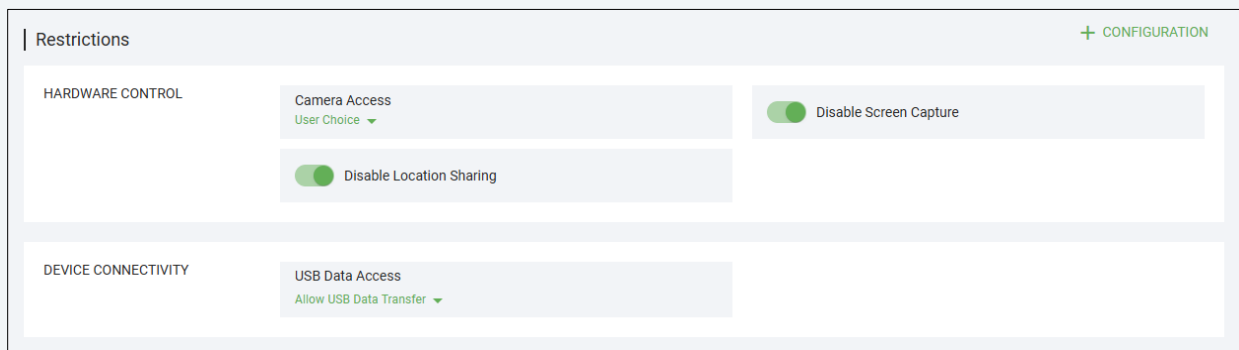


Image 1.1.1.1

- **Security (Image1.1.1.2)**
 - Factory Reset Protection
 - Disable Factory Reset
 - Developer Settings
 - Developer Settings

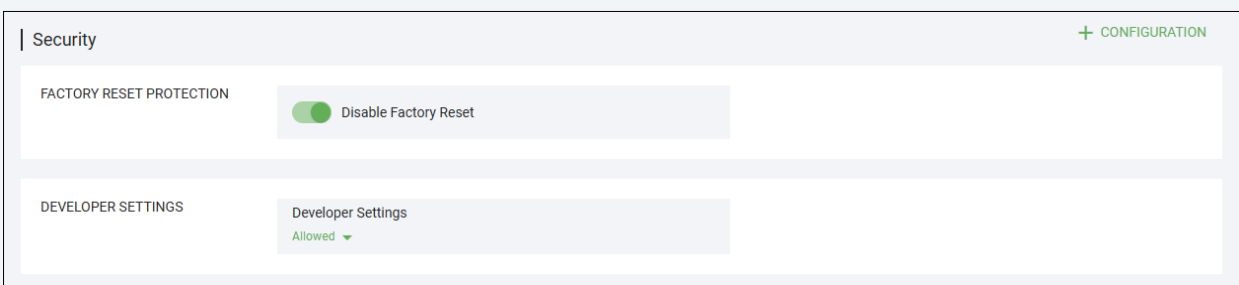


Image 1.1.1.2

- **Communication & Network (Image1.1.1.3)**

- Phone Calls & Bluetooth
 - ◆ Disable Airplane Mode
 - ◆ Disable Cell Broadcasts Config
 - ◆ Disable Bluetooth
- Wi-Fi Settings
 - ◆ Wi-Fi Config
- Phone Network
 - ◆ Disable Data Roaming
 - ◆ Disable Network Reset
- VPN Settings
 - ◆ Disable VPN Config
 - ◆ Always On VPN Package
 - ◆ VPN App Package Name
 - ◆ Enable Lockdown

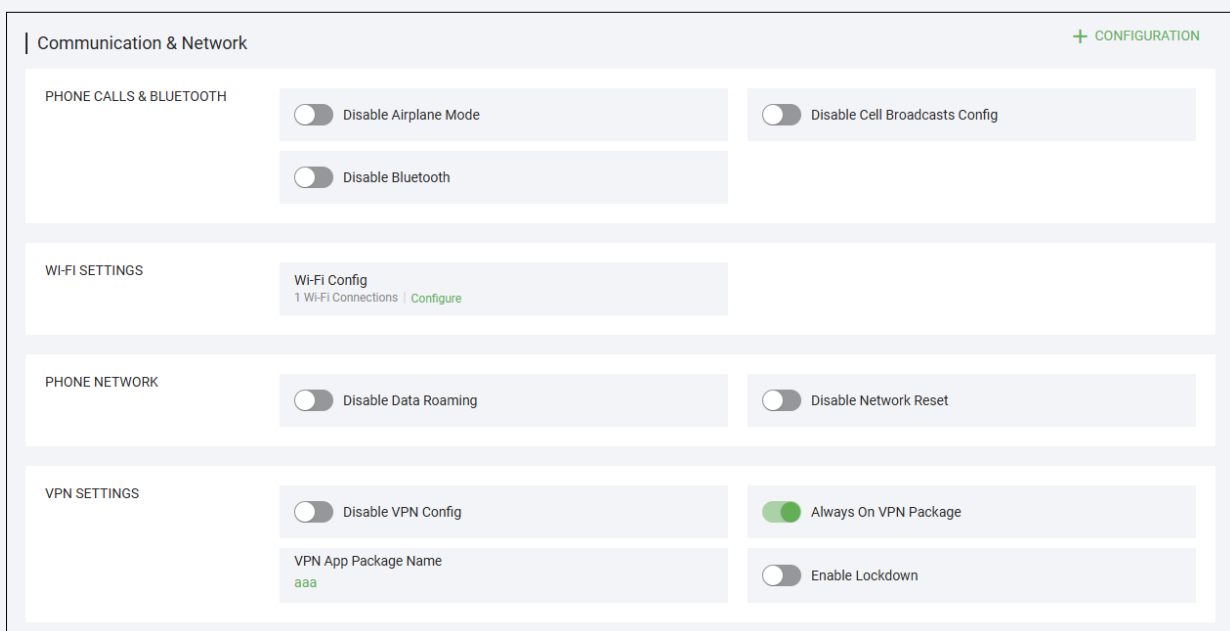


Image 1.1.1.3

- **General Setting (Image1.1.1.4)**

- Input Methods Setting
- Input Methods Package Name
- Disable Status Bar

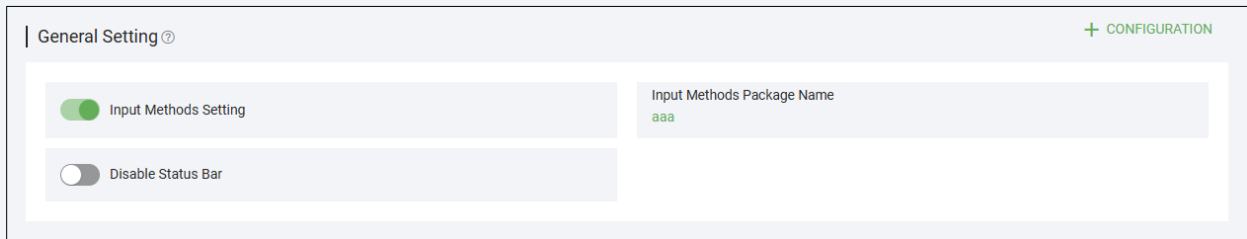


Image 1.1.1.4

2. Retained configurations:

- **Terminal Control** (Image1.1.1.5)
 - Terminal Replacement
 - Terminal Replacement Two-Factor Authentication
 - Allow External App to Get Terminal Information
 - Notification bar

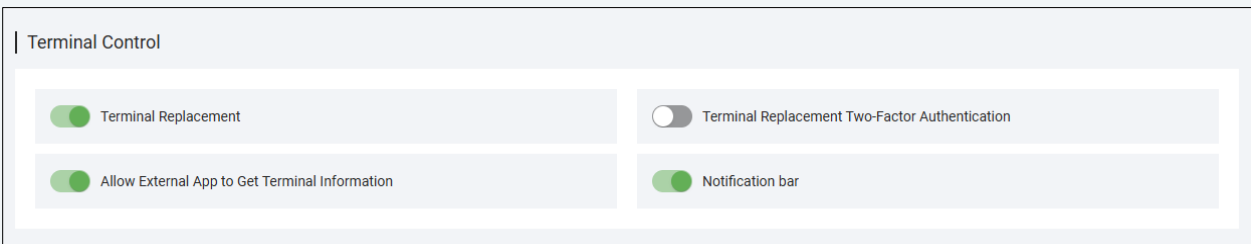



Image 1.1.1.5

- **Terminal Location Configuration** (Image1.1.1.6)
 - Geo-Location Provider
 - Provider Locating Interval (Min)
 - GPS Default
 - GPS Locating Interval (Min)
 - Location Data Upload
 - Location Offset (M)
 - Geo-fence

Terminal Location Configuration


Geo-Location Provider

 Skyhook

☒ GPS Default

☒ Location Data Upload

Geo-fence

Center Point 

Provider Locating Interval (Min)

60

GPS Locating Interval (Min)

10

Location Offset (M)

2001 | [Set The Minimum Value](#)

Center Point

N/A / Radius:2000m | [Set Geo-Fence](#)

Image 1.1.1.6

- **Store Client Configuration (Image1.1.1.7)**

- Upload Information Interval (min)
- Polling Information Interval (min)
- Use Cellular Data to Download
- Firmware Installation Strategy
- Installation Time Setting
- Upload Store Client Crash Report
- Store Client Setting Password
- Modified Client Password
- Store Client Proxy Configuration

Store Client Configuration

Upload Information Interval (min)

60

☒ Use Cellular Data to Download

Installation Time Setting

[Set Installation Time](#)

☒ Store Client Setting Password

Store Client Proxy Configuration

[Config Store Client Proxy](#)

Polling Information Interval (min)

360

☒ Firmware Installation Strategy

☒ Upload Store Client Crash Report

Modify Client Password

[Setting Password](#)

Image 1.1.1.7

3. Removed configurations:

- The entire "Terminal System Configuration" section has been removed. Configurations for GPS, Brightness, Volume, etc. are not supported. (Image1.1.1.8).

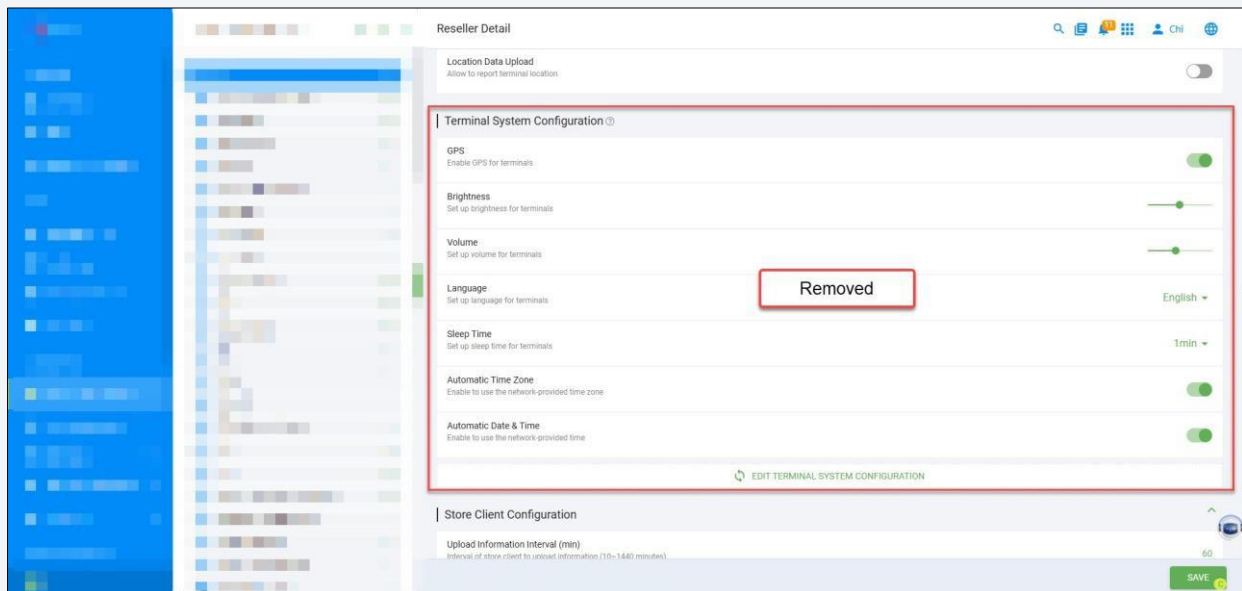


Image 1.1.1.8

Usage of New Profile:

Users can click the "+ CONFIGURATION" button on the right side of the corresponding section module, check the items they want to show, and these items will then be displayed on the page. After that, users can configure them according to their needs.

Take "Restrictions" as an example:

- Step 1: Click the "+ CONFIGURATION" button within the "Restrictions" section; (Image1.1.1.9);
- Step 2: Click the "Hardware Control" button to choose configuration items; (Image1.1.1.10);
- Step 3: Select the items " Camera Access", " Disable Screen Capture" and " Disable Location Sharing "; (Image1.1.1.11);
- Step 4: The selected configuration items will be displayed on the page. (Image1.1.1.12).
- Step 5: Configure the items according to users needs.

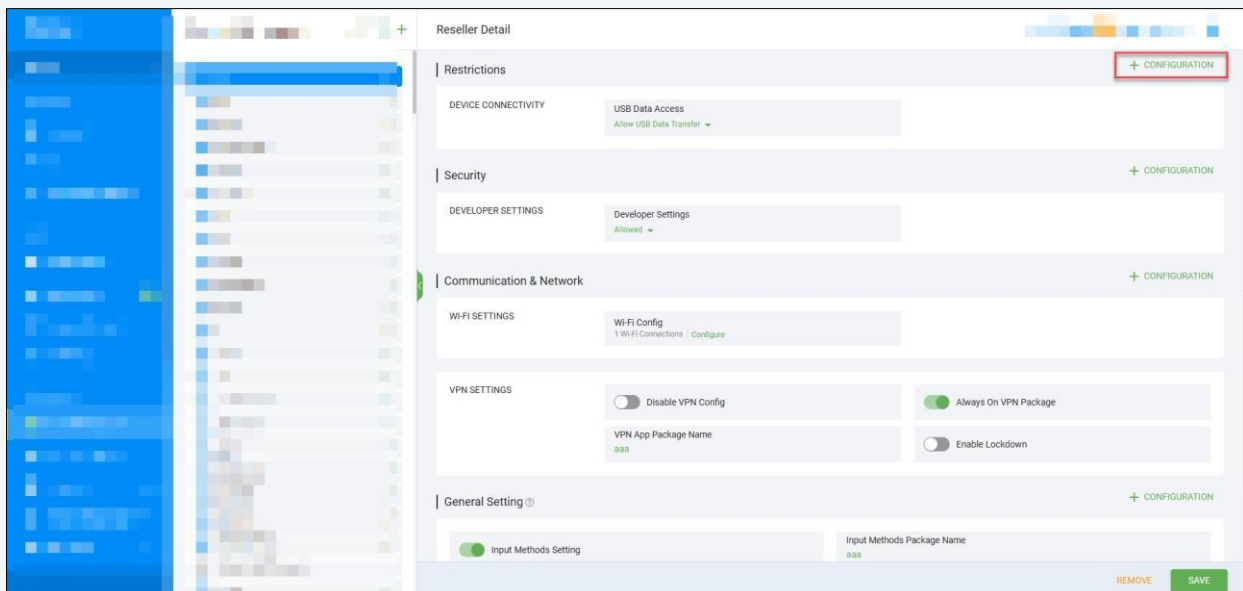


Image 1.1.1.9

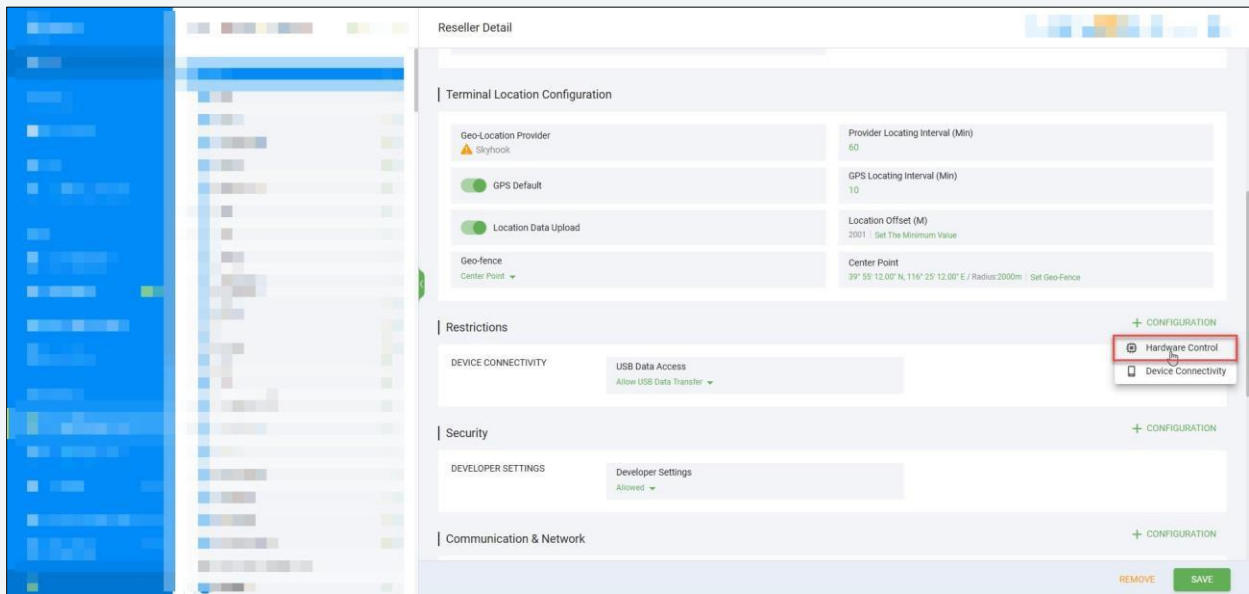


Image 1.1.1.10

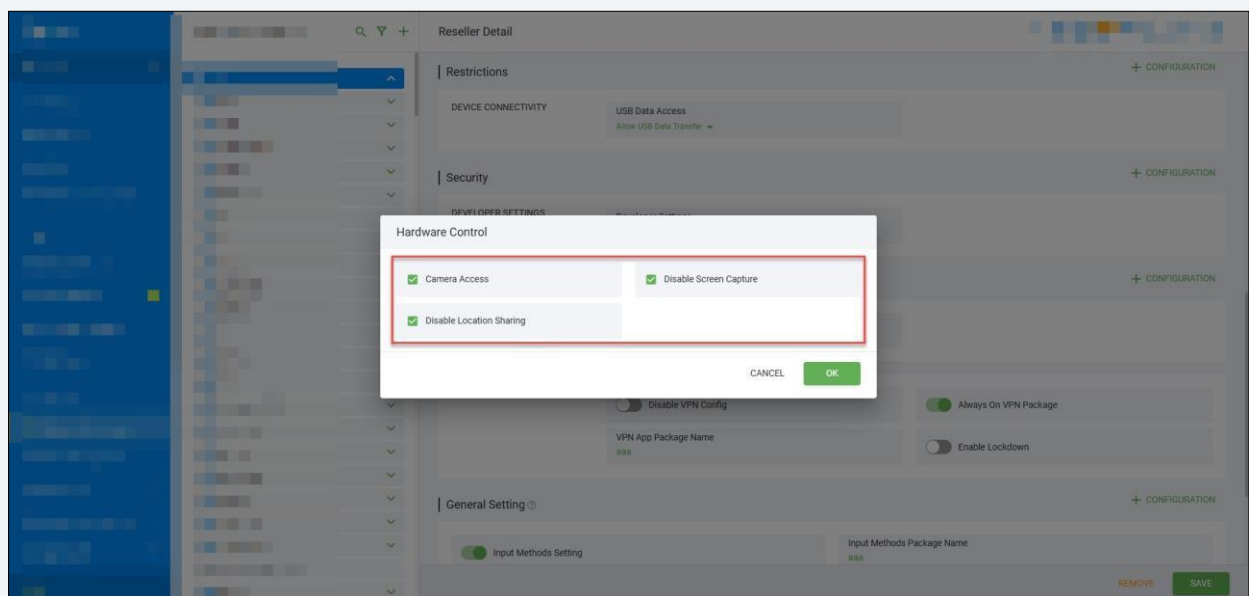


Image 1.1.1.11

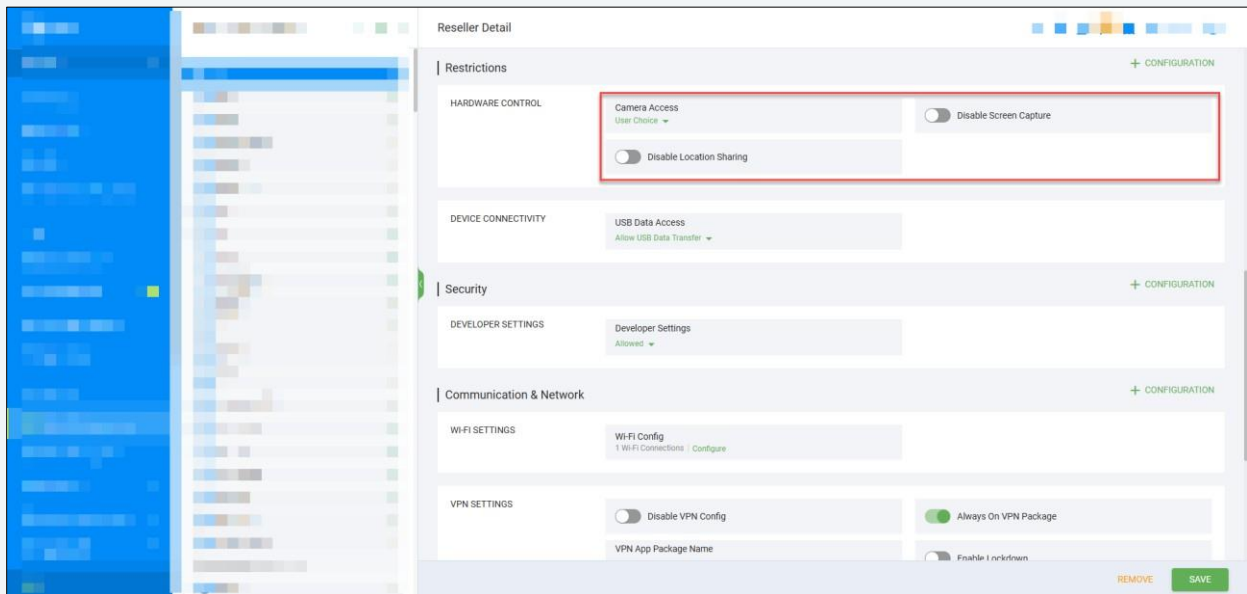


Image 1.1.1.12

1.1.2. Commercial Device Setting

The commercial device "Setting" page has also been optimized, removed some unsupported configuration items, such as "Terminal System Configuration", APN setting in "Network Configuration", and "LOCK/UNLOCK TERMINAL". (Image1.1.2).

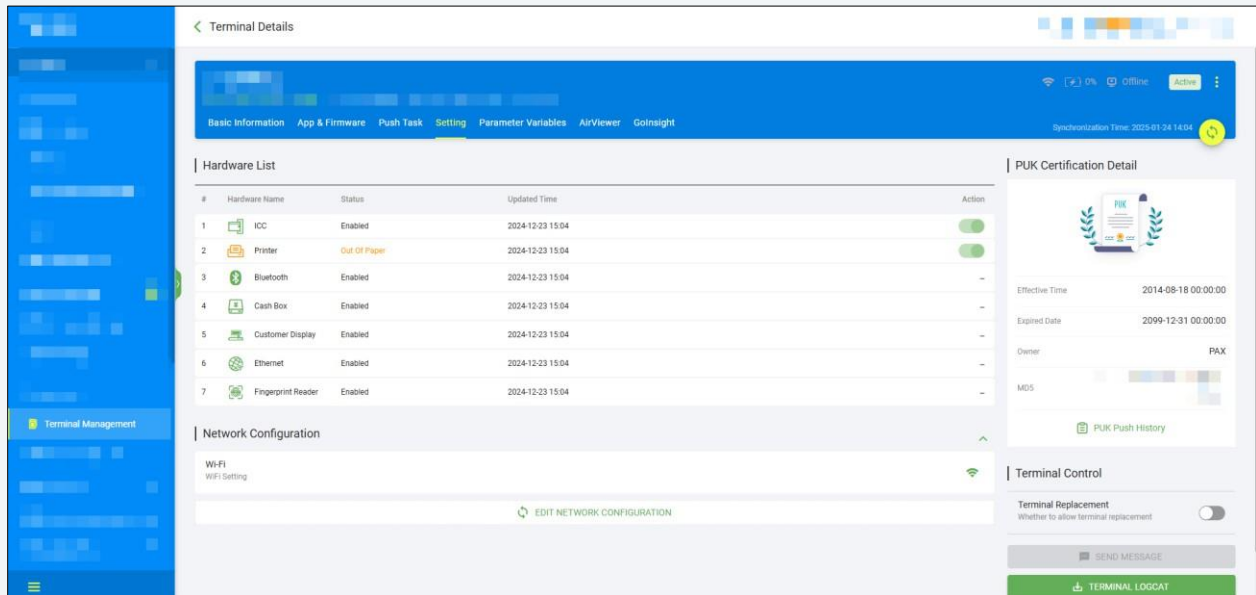


Image 1.1.2

1.2. Execution Mode in Group Push

- A new feature has been added for resellers and Marketplace owners, "Execution Mode" to the group push filter. (Refer to Image 1.2.1). There are two options in the "Execution Mode" as follows:
 - **Immediate Mode:** Conditions are checked instantly. The task fails immediately if a condition is not met.
 - **Continuous Mode:** Conditions are continuously monitored. The task does not fail if a condition is not met.

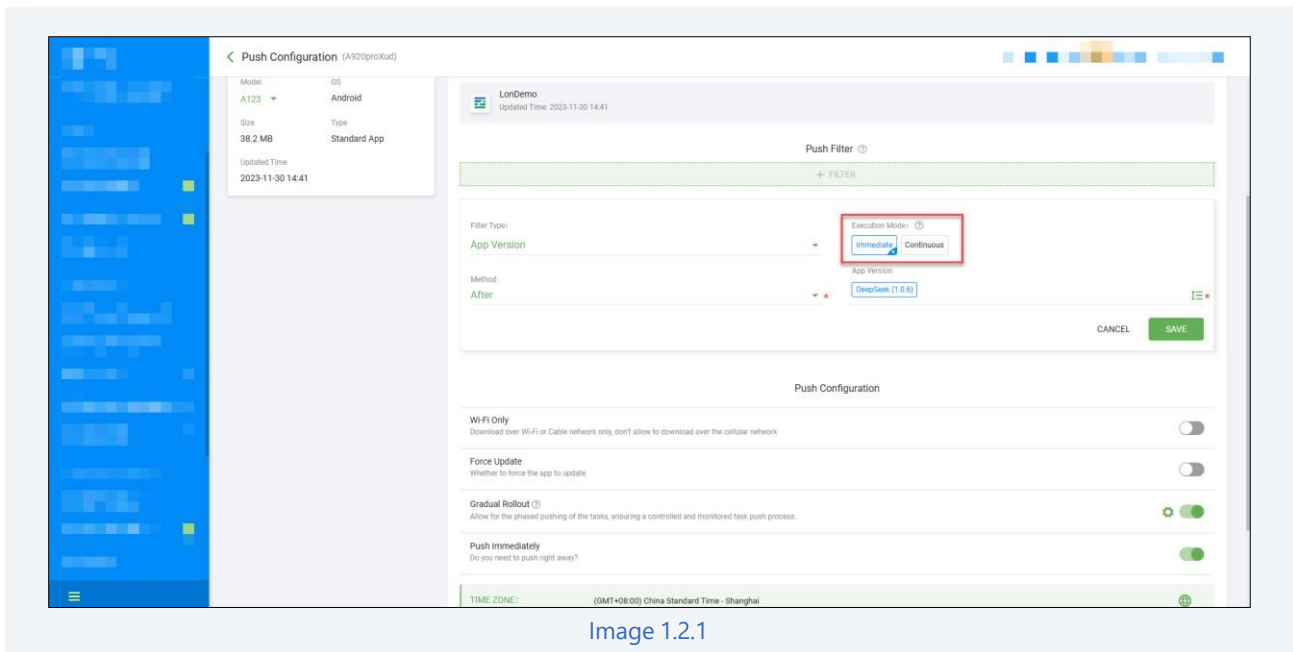


Image 1.2.1

Taking the application installation dependency relationship as an example, let's introduce the usage scenarios of this function:

The terminal needs to be installed in two applications, A and B. However, there is a dependency relationship between the installations of these two applications. Application A must be installed first, and then application B.

In this case, this function can be used, the steps are as follows:

- Step 1: Directly create the group push task for Application A;
- Step 2: Create the group push task for Application B. Currently, it is necessary to add the filtering condition of App A Version in the "Push Filter" and select the "Continuous Mode" in the "Execution Mode" (Refer to Image 1.2.2). When the push task is activated, the system will monitor that Application A has been installed in the terminal, and then carry out the installation task of Application B.

Push Filter

+ FILTER

Filter Type: **App Version**

Execution Mode: **Immediate** **Continuous**

Method: **After**

CANCEL **SAVE**

Push Configuration

Wi-Fi Only
Download over Wi-Fi or Cable network only, don't allow to download over the cellular network. ☐

Force Update
Whether to force the app to update. ☐

Gradual Rollout
Allow for the phased pushing of the tasks, ensuring a controlled and monitored task push process. ☐

Push Immediately
Do you need to push right away? ☒

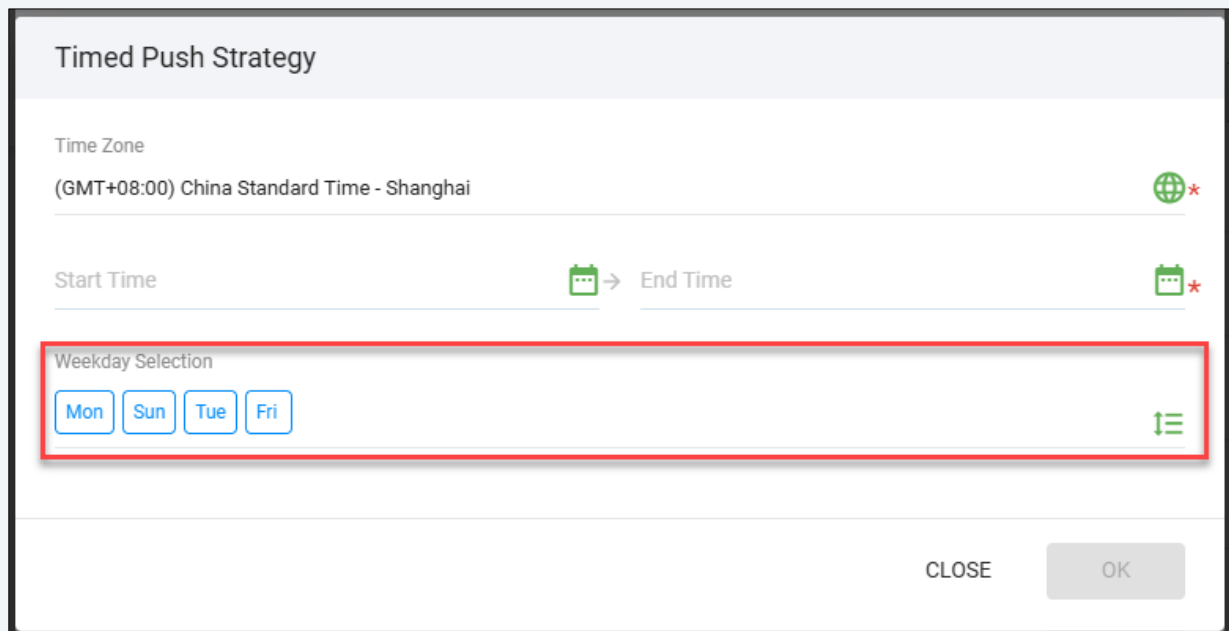
TIME ZONE: (GMT+08:00) China Standard Time - Shanghai

EXPIRED DATE:

Image 1.2.2

1.3. Weekday Selection

- A new feature for Resellers and Marketplace Owners which will allow users to add a new "Weekday Selection" for the "Timed Push Strategy" in the "Recurring Push" mode of "Gradual Rollout". Now, users can select one or more days of the week to push task. (Image1.3).



Timed Push Strategy

Time Zone
(GMT+08:00) China Standard Time - Shanghai

Start Time → End Time

Weekday Selection

Mon Sun Tue Fri

CLOSE OK

Image 1.3

1.4. Reseller Operation Control

- A new feature for Resellers and Marketplace Owners called "Reseller Permission" for each operation control. (Image1.4.1).
 - "Reseller Operation Control" is enabled by default, resellers can set up their own private lists for operation control.
 - When the "Reseller Operation Control" is disabled, the marketplace administrators will have full control over the operators at the marketplace level. The resellers will not be able to set up their own operators, even if they had set them previously, those operators will become invalid.

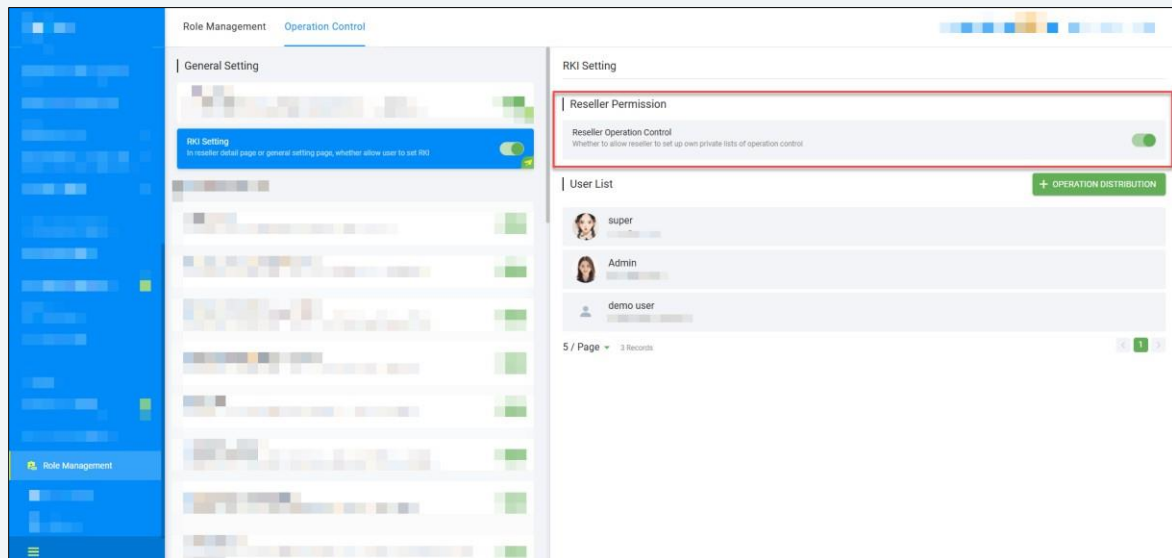


Image 1.4.1

For example, refer to Image 1.4.2, when the "Reseller Operation Control" is disabled, in the image below which shows a marketplace, only the user named "demo user" has the permission to upload PUK.

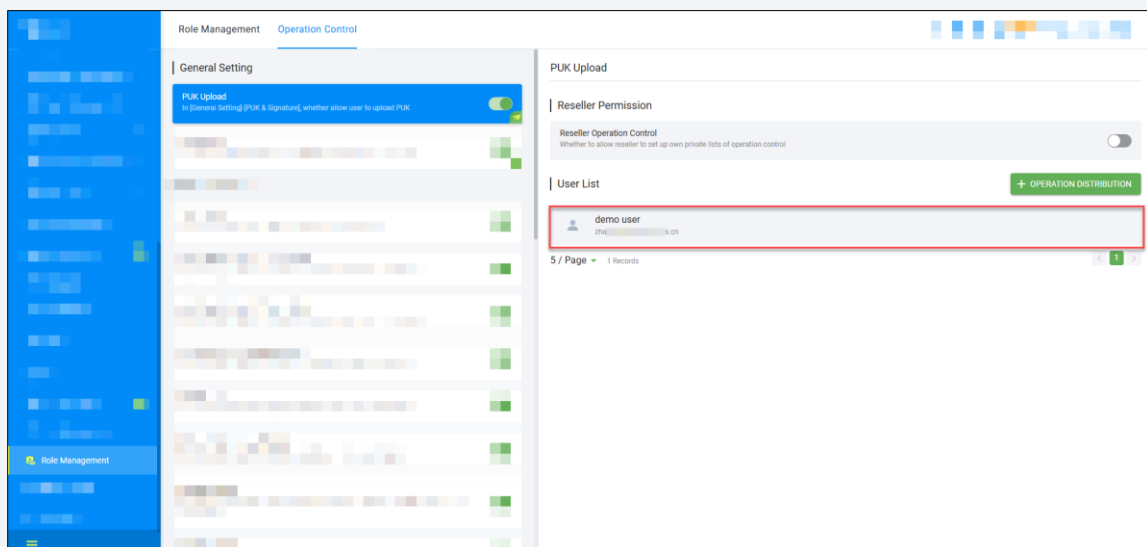


Image 1.4.2

1.5. Terminal Accessory Report

- A new feature for Resellers and Marketplace Owners Added a new "Terminal Accessory Report" in the "Report Center", users can use this report to view information about the accessories such as the scanner/printer/base that has been connected. (Image1.5.1-1.5.3).

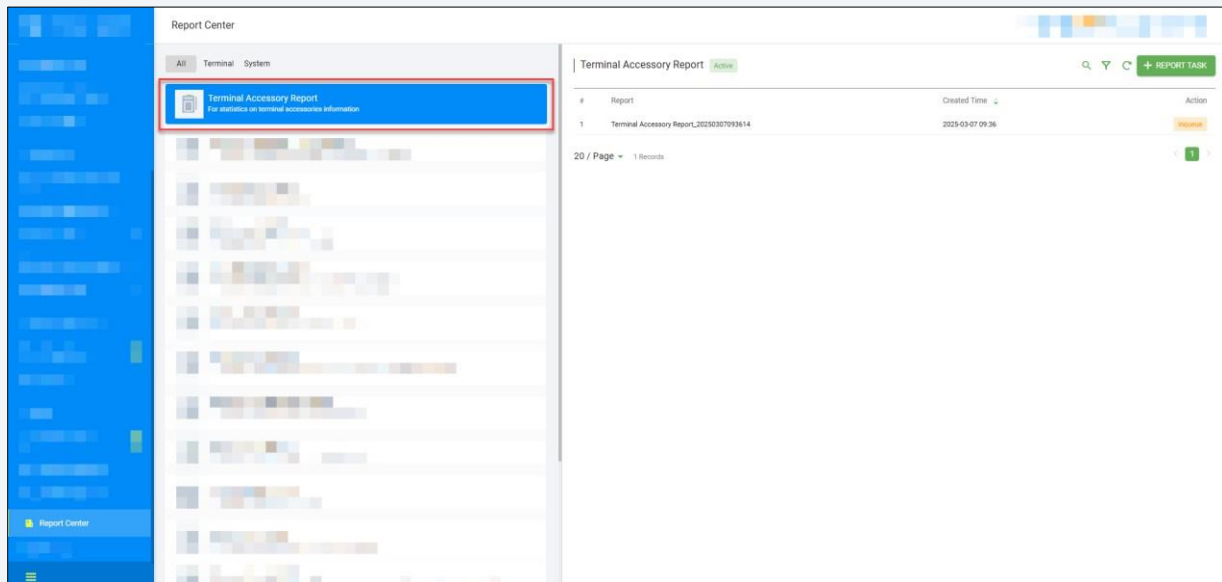


Image 1.5.1

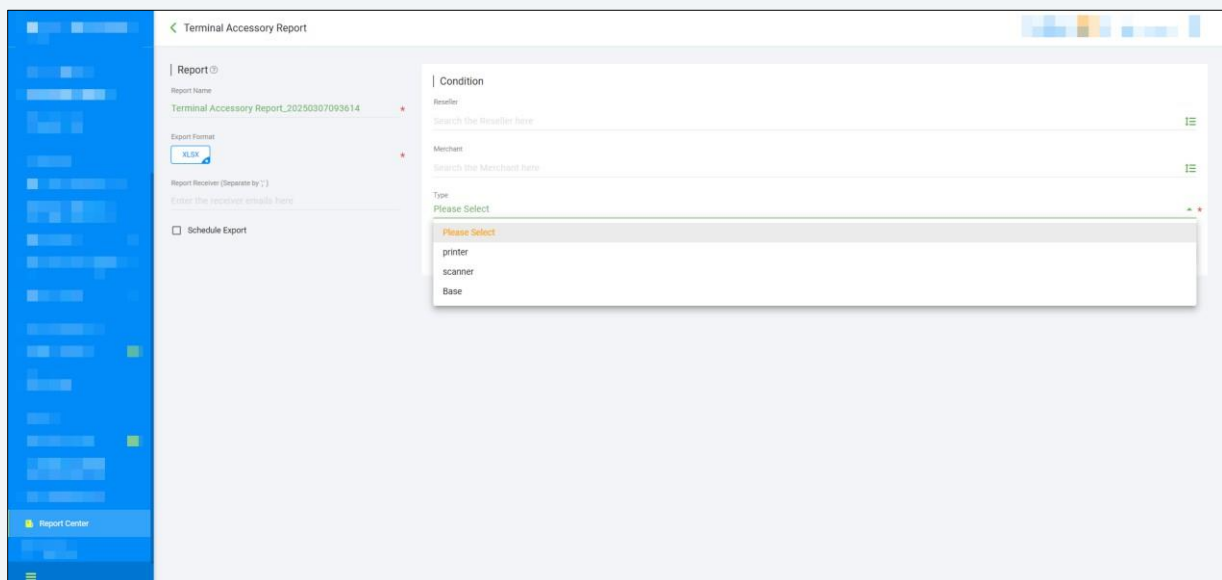


Image 1.5.2

1	Terminal Accessory Report										
2	Report Generated Date: 2025-03-07 09:37:01										
3	Marketplace Name: RKITEST_shenzhen										
4											
5	Name	SN	PN	Type	Model	Reseller	Merchant	Host SN	Firmware	App Name	Last Update Time
6											2025/03/06 17:54:04
7											2025/03/06 17:14:16
8											2025/03/07 09:22:20
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											

Image 1.5.3

1.6. Reseller & Merchant Profile Report

- A new feature for Resellers and Marketplace Owners allows a "Reseller & Merchant Profile Report" in the "Report Center", users can use this report to get the profile information of each reseller/merchant. (Image1.6.1-1.6.3).

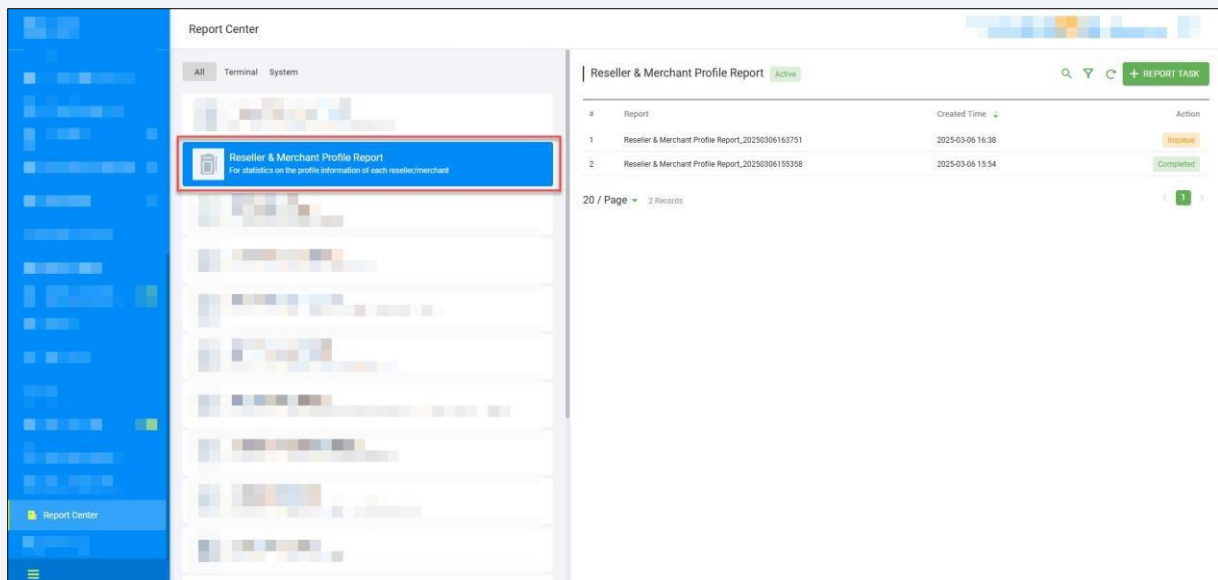


Image 1.6.1

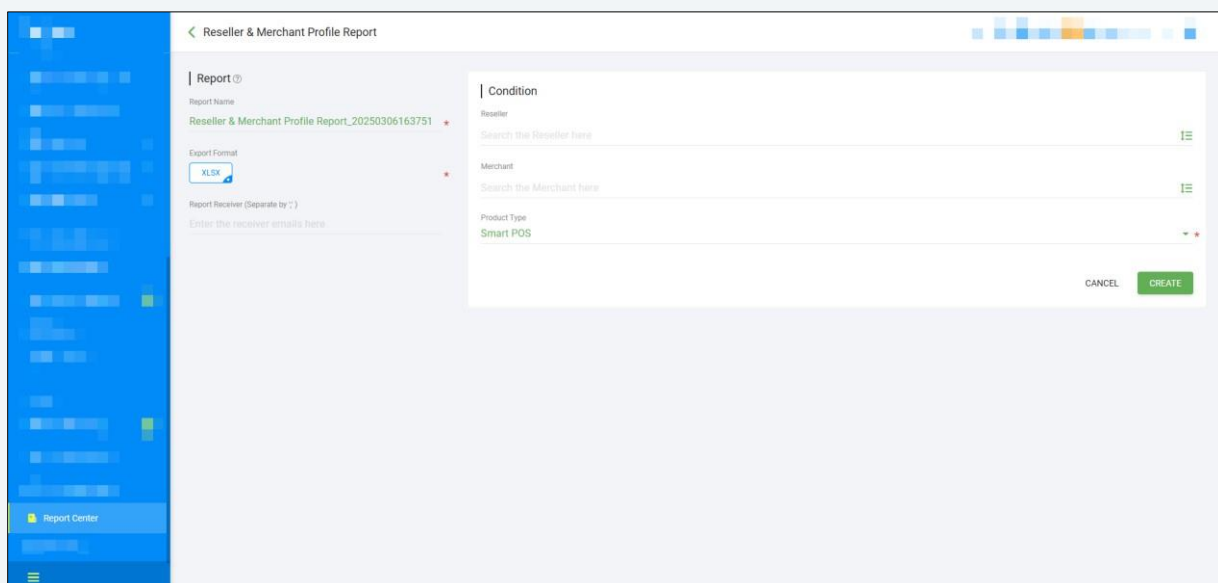


Image 1.6.2

Reseller & Merchant Profile Report							
Report Generated Date: 2025-03-06 15:54:21							
Reseller	Merchant	Inherit or Override	Reseller Signature	Terminal Replacement	Terminal Replacement Two-Factor Authentication	Allow External App to Get Terminal Information	Notification bar
PAX		Override	Enable	Disable	Enable	Enable	Enable
r6		Inherit		Enable	Enable	Disable	Disable
R7		Inherit		Enable	Enable	Disable	Disable
lucywww		Inherit		Enable	Enable	Enable	Disable
test12		Inherit		Enable	Enable	Disable	Disable
test_1667459191870		Inherit		Enable	Enable	Disable	Disable
UK1		Override		Enable	Disable	Enable	Enable
test_1667459192161		Inherit		Enable	Disable	Disable	Disable
r8		Inherit		Enable	Enable	Disable	Disable
tsaaf		Inherit	Disable	Enable	Disable	Disable	Disable
R9		Inherit		Enable	Enable	Disable	Disable
jesse2		Inherit	Enable	Disable		Enable	Enable
r10		Inherit		Enable	Enable	Disable	Disable
sun domo		Inherit	Enable	Disable	Enable	Enable	Enable
test_1667459248390		Inherit		Enable	Enable	Disable	Disable
test_1667459248713		Inherit		Enable	Enable	Disable	Disable
test_1667459248952		Inherit		Enable	Enable	Disable	Disable
test_1667459249282		Inherit		Enable	Enable	Disable	Disable
test_1667459247237		Inherit		Enable	Enable	Disable	Disable
test_1667459247555		Inherit		Enable	Enable	Disable	Disable
test_1667459247826		Inherit		Enable	Enable	Disable	Disable
test_1667459248132		Inherit		Enable	Enable	Disable	Disable
dsfsafds		Override		Enable	Disable	Enable	Disable
test_1667459250778		Inherit		Enable	Enable	Disable	Disable
test_1667459251040		Inherit		Enable	Enable	Disable	Disable
test_1667459251365		Inherit		Enable	Enable	Disable	Disable
test_1667459251616		Inherit		Enable	Enable	Disable	Disable
test_1667459249634		Inherit		Enable	Enable	Disable	Disable
test_1667459249900		Inherit		Enable	Enable	Disable	Disable
test_1667459250210		Inherit		Enable	Enable	Disable	Disable
test_1667459250210		Inherit		Enable	Enable	Enable	Enable

Image 1.6.3

2. Functionality Optimization

2.1. Terminal Management

- A new feature for Resellers and Marketplace Owners which allows the Optimized statistical charts in the "Dashboard" section of the "Terminal Details" page. (Image2.1.1).

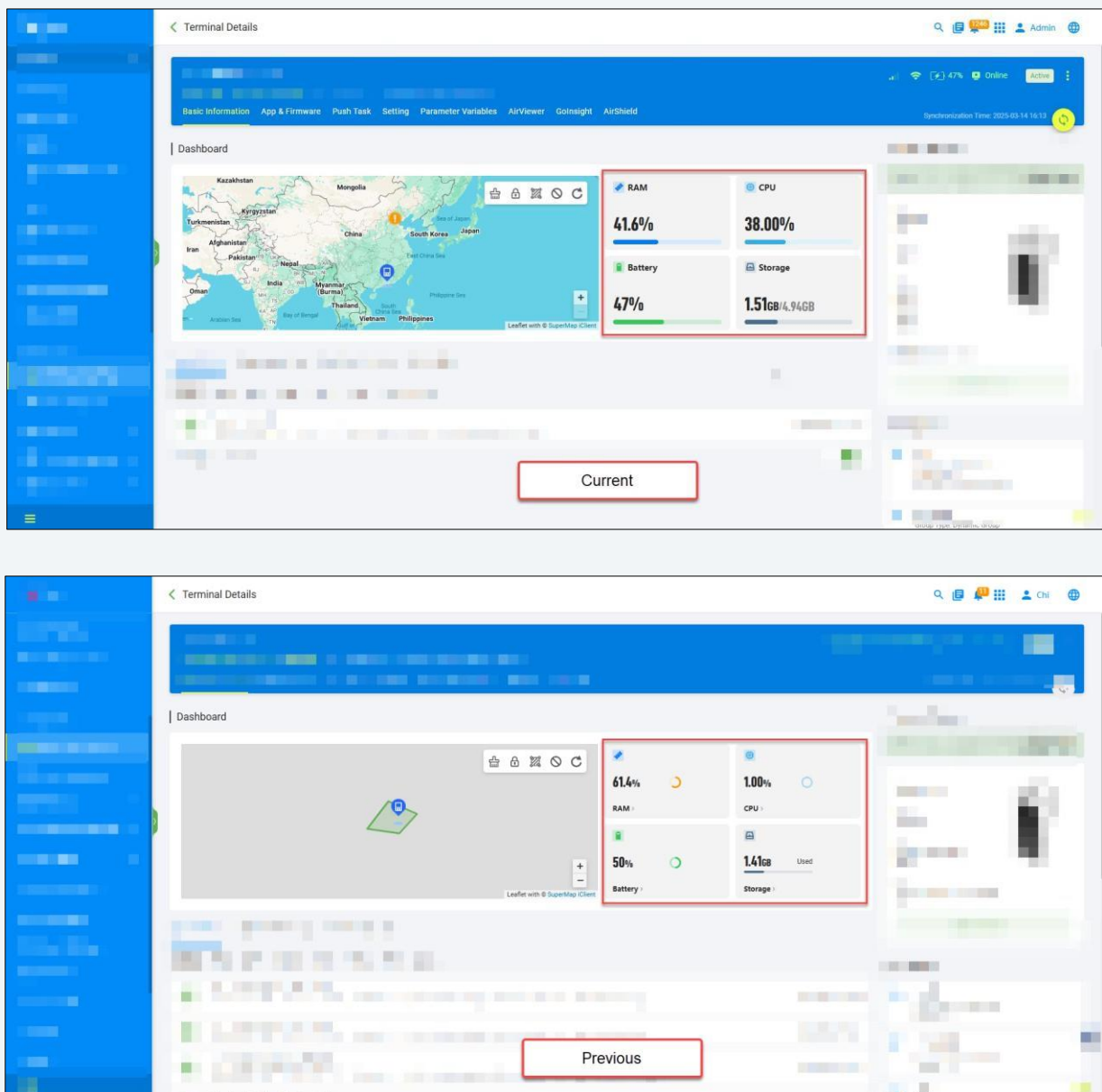


Image 2.1.1

- Supported displaying multiple ICCIDs in the "Terminal Details" module on the terminal details page when a terminal has multiple SIM cards, and the same goes for the "Terminal Info Report". (Image 2.1.2).

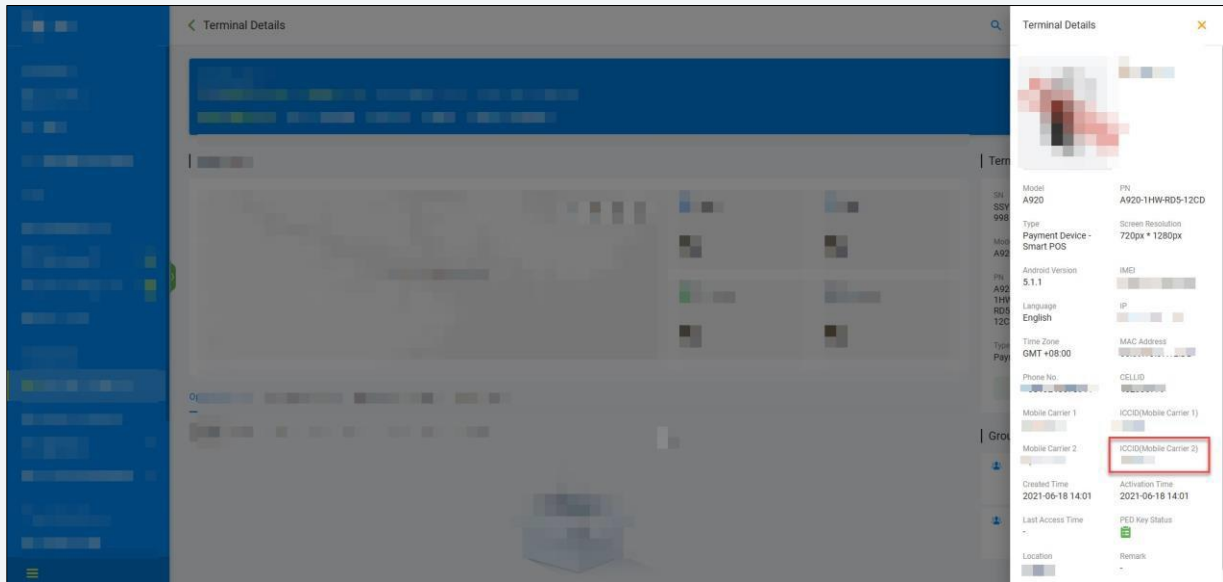


Image 2.1.2

2.2. Open API

- A new feature for PAX API users allows **Terminal APIs Update**: This feature can add the return field iccid2 in Get a terminal APIs and Get a terminal by serial no APIs. (Image 2.2.1).

-

- `public Result<TerminalDTO> getTerminal(Long terminalId);`
- `public Result<TerminalDTO> getTerminal(Long terminalId, boolean includeDetailInfoList);`
- `public Result<TerminalDTO> getTerminal(Long terminalId, boolean includeDetailInfoList, boolean includeInstalledApks);`
- `public Result<TerminalDTO> getTerminalBySn(String serialNo);`
- `public Result<TerminalDTO> getTerminalBySn(String serialNo, boolean includeDetailInfoList);`
- `public Result<TerminalDTO> getTerminalBySn(String serialNo, boolean includeDetailInfoList, boolean includeInstalledApks);`

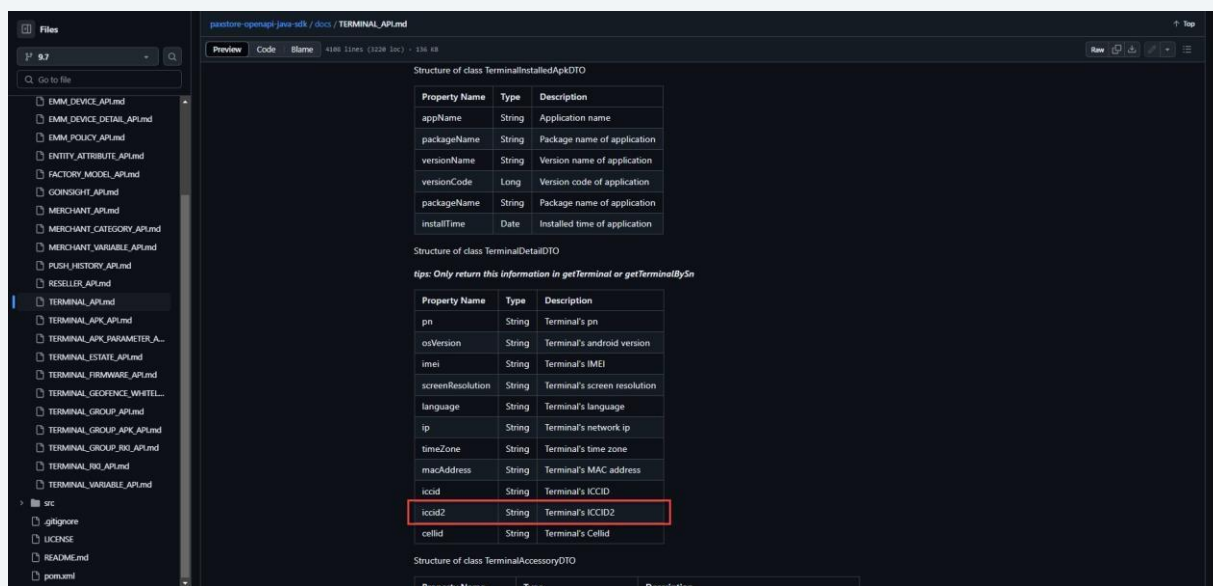


Image 2.2.1

- **Get Terminal Model List API**: Add a new API for the third-party system to get the terminal model list. (Image 2.2.2).
- `public Result<FactoryDTO> searchFactoryModels(int pageNo, int pageSize, SearchOrderBy orderBy, String factoryName, String modelName, String productType);`

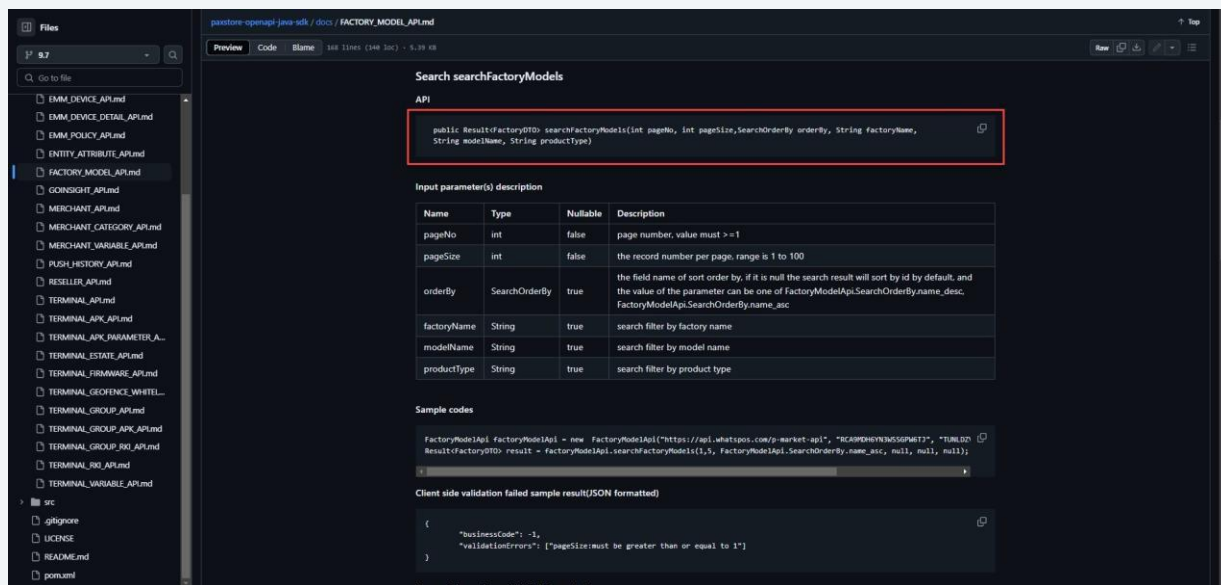


Image 2.2.2

- Push Command to Terminal API: Optimize the error message for terminal locking or unlocking.** (Image 2.2.3).
 - `public Result<String> pushCmdToTerminal(Long terminalId, TerminalPushCmd command)`
 - `public Result<String> pushCmdToTerminalBySn(String serialNo, TerminalApi.TerminalPushCmd command)`

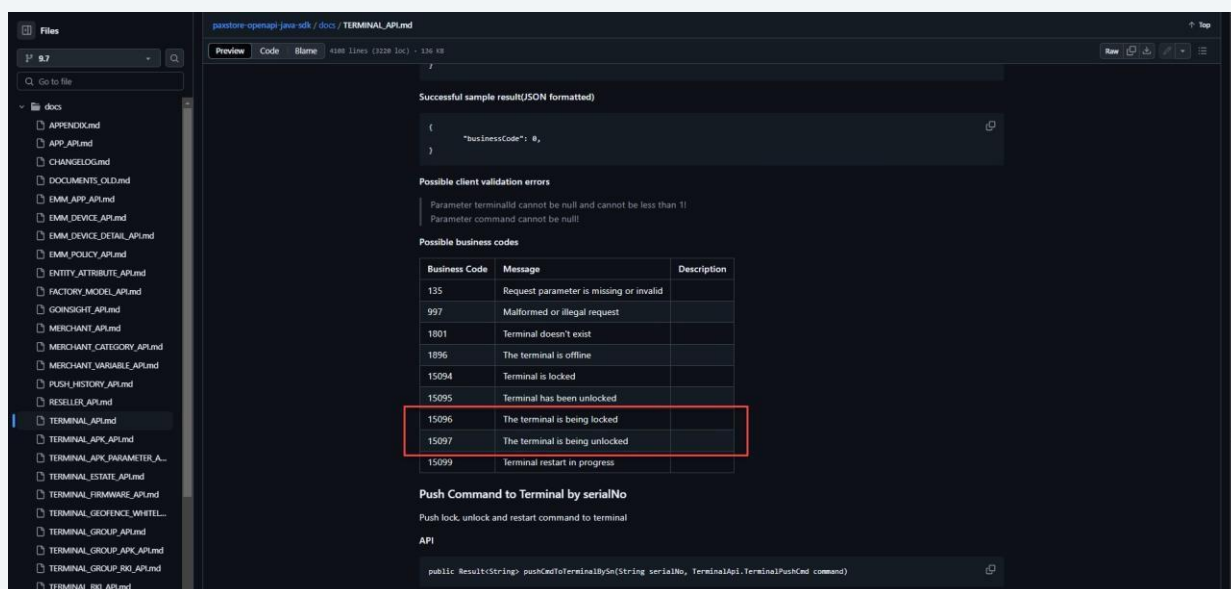


Image 2.2.2

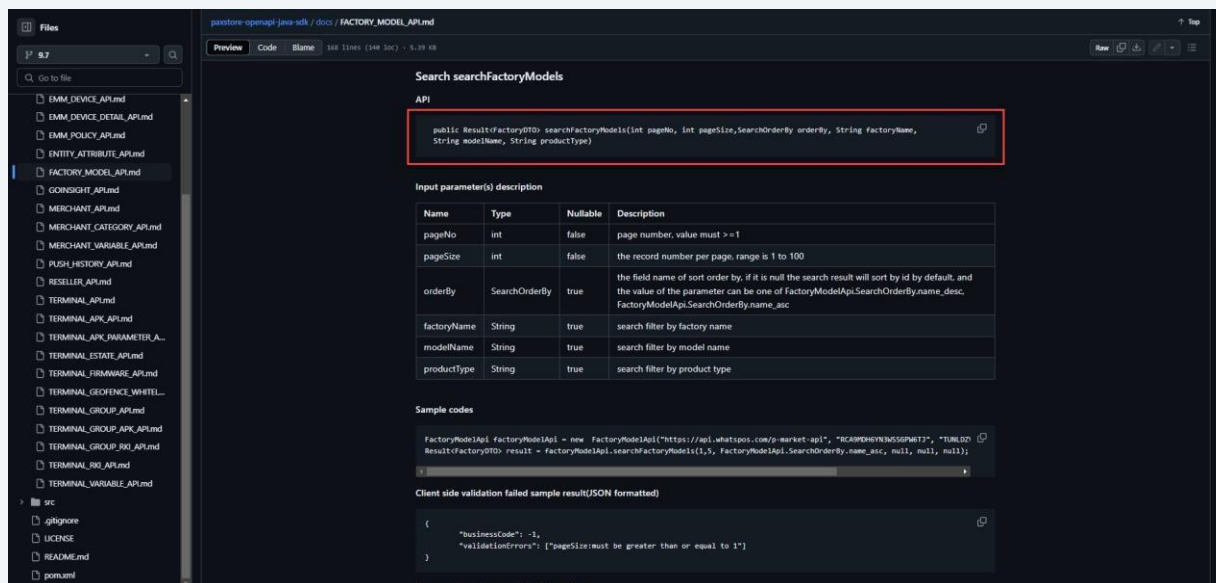


Image 2.2.2

2.3. Developer SDK

- A new feature for developers that are only using the API allows an **Update AppKey and AppSecret** API: Provide a new developer API for developers to update the Key and Secret of their applications. (Image 2.3.1).

■ `public Result<String> updateAppKeySecret(Long applId, EditAppKeySecretRequest editAppKeySecretRequest)`

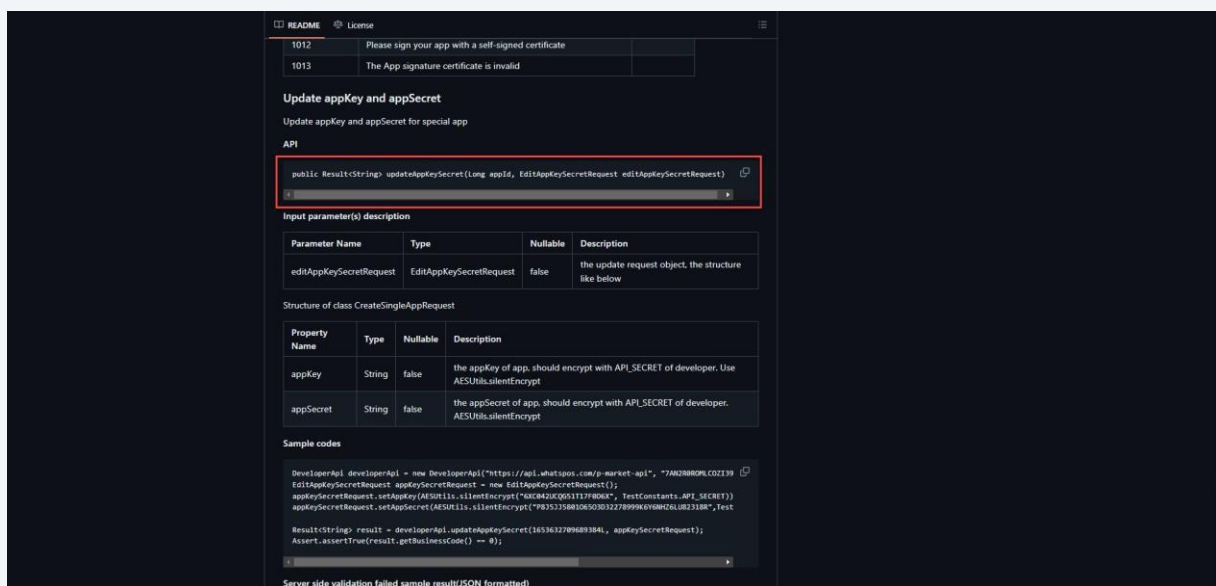


Image 2.3.1

- Gather APK Version List of APP API:** Provide a new developer API for developers to get all APK versions list for the specific application. (Image 2.3.2).
 - `Result<ApkVersionDTO> getApkVersionList(Long appld)`

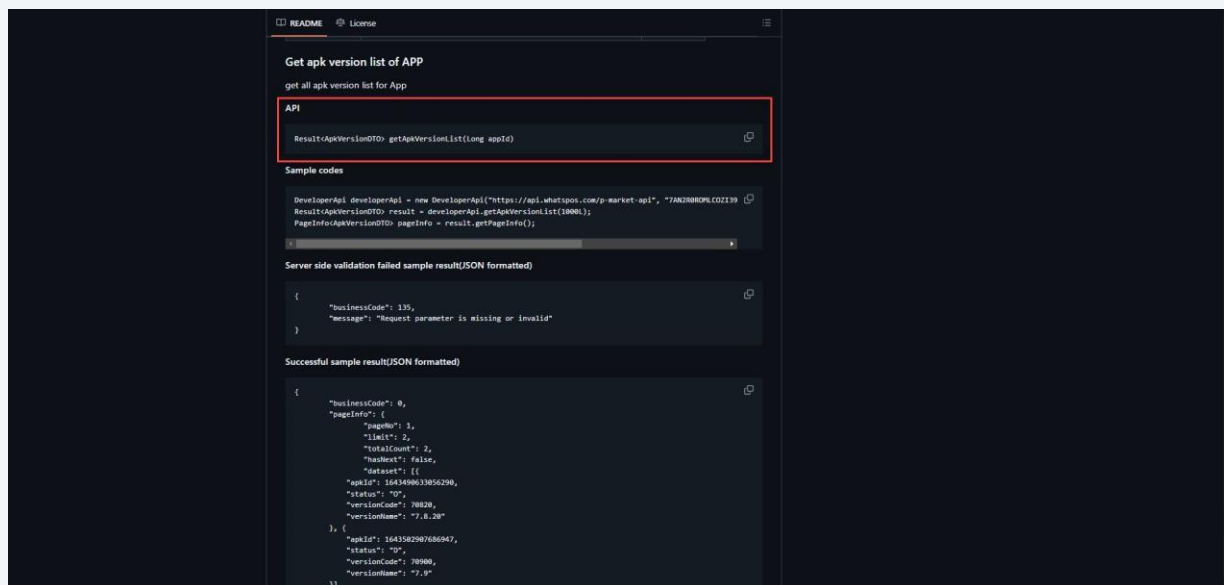


Image 2.3.2

- Offline APK API:** Provide a new developer API for developers to take the specific APK offline. (Image 2.3.3).
 - `public Result<String> offlineApkById(Long apkId, ApkOfflineRequest request)`

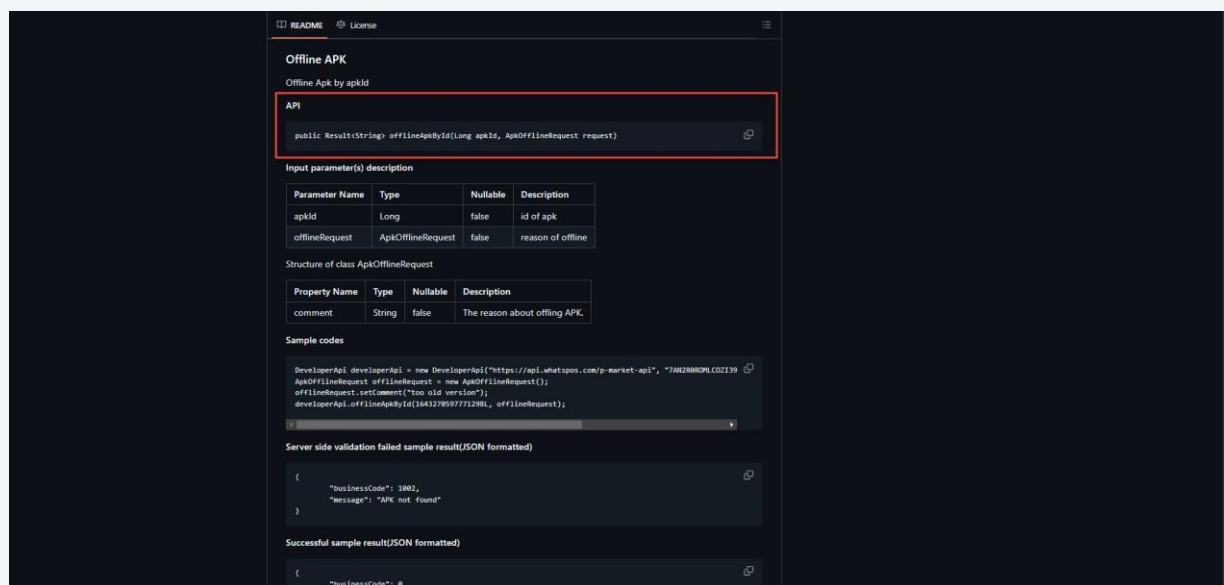


Image 2.3.3

- **Create an APK API:** Enhanced the Create an APK API. When uploading subsequent APK versions, if some properties are not filled in, the properties values of the last online version can be automatically inherited for the upload. (Image 2.3.4).

■ `public Result<String> createApk(CreateSingleApkRequest createApkRequest)`

The properties that support inheritance are App Icon, Business Category, Model, App Name, Short Description, Description, App Access URL Declaration, Screenshots, Featured Image.

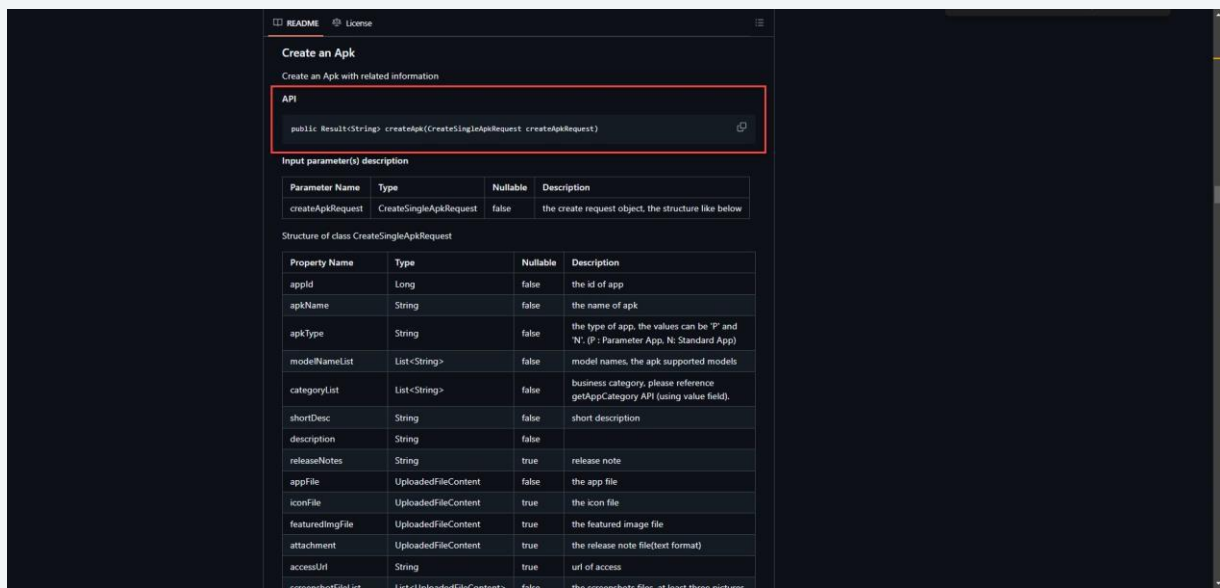


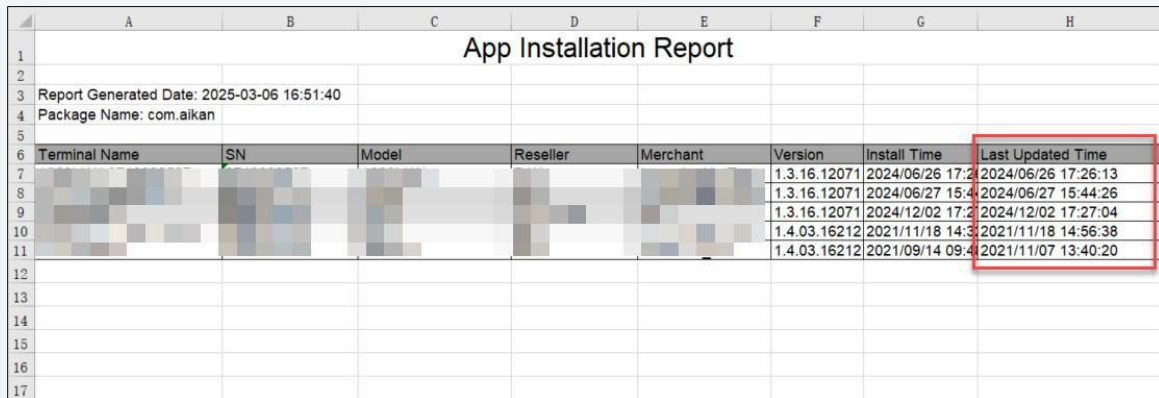
Image 2.3.4

2.4. Store Client

- The capability to support for uploading dual SIM card ICCID
- Updated the commercial device profiles and implemented new features
- Support for secondary resource packages
- Enhanced the firmware update display
- Optimize the logic of the Store Client executing tasks of the app high version

2.5. Enhancements to Columns

- Added a new column "Last Updated Time" in "App Installation Report". (Image2.5.1).



Terminal Name	SN	Model	Reseller	Merchant	Version	Install Time	Last Updated Time
					1.3.16.12071	2024/06/26 17:2	2024/06/26 17:26:13
					1.3.16.12071	2024/06/27 15:4	2024/06/27 15:44:26
					1.3.16.12071	2024/12/02 17:2	2024/12/02 17:27:04
					1.4.03.16212	2021/11/18 14:3	2021/11/18 14:56:38
					1.4.03.16212	2021/09/14 09:4	2021/11/07 13:40:20

Image 2.5.1

- A new attribute was added to the file type <InputType>upload</InputType> to limit the length of the file names uploaded by users, such as <FileNameMaxLength>. When the length of the uploaded file name exceeds the limit, an error message will be displayed when saving the template. (Image 2.5.2 and 2.5.3).

```

<Parameter>
  <Type>single</Type>
  <InputType>upload</InputType>
  <DataType>File</DataType>
  <PID>pid.file.0</PID>
  <Title>File Name limitation Test</Title>
  <Defaultvalue>22</Defaultvalue>
  <Display>true</Display>
  <GroupID>sys_G0d</GroupID>
  <FileID>sys_F2</FileID>
  <Required>>false</Required>
  <Readonly>>false</Readonly>
  <FileNameMaxLength>10</FileNameMaxLength>
</Parameter>
</Header>
</Parameters>
</Schema>

```

Image 2.5.2

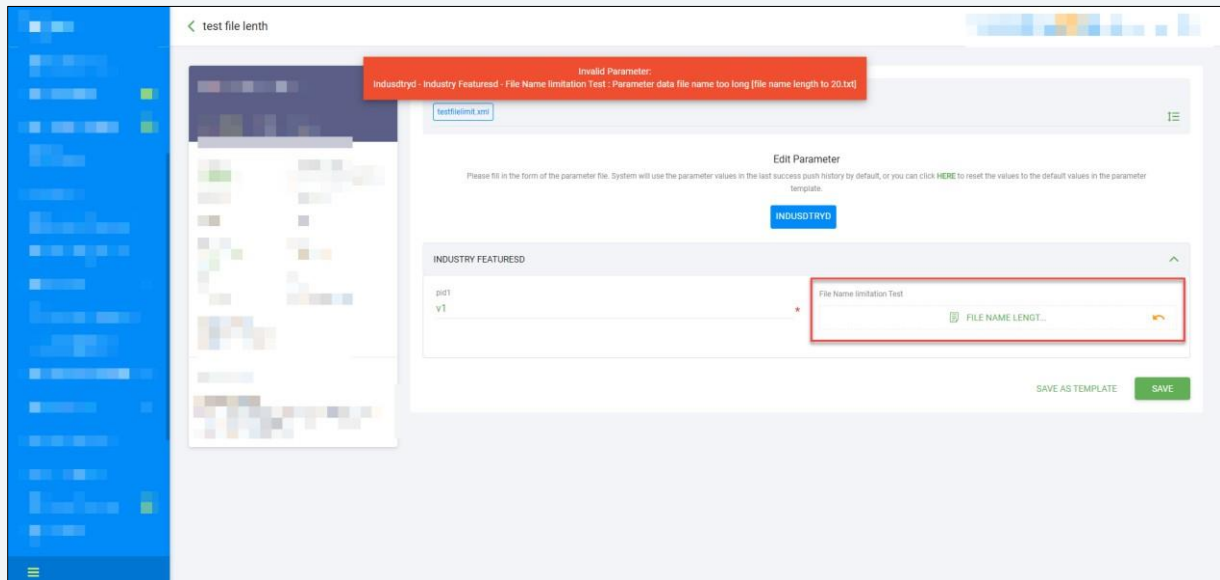


Image 2.5.3

- When the global signature is enabled at the marketplace level, resellers uploading PUK will no longer be required to validate its compatibility with the global signature.
- Provide a new SDK for third-party applications like “Start Up”, which supports users directly input the TID in third-party applications to activate the terminal.
- Support SSO users to register as developers.

