



# Operations Guide

Guidelines for IoT Platform > Operation Center

Version: 20200612

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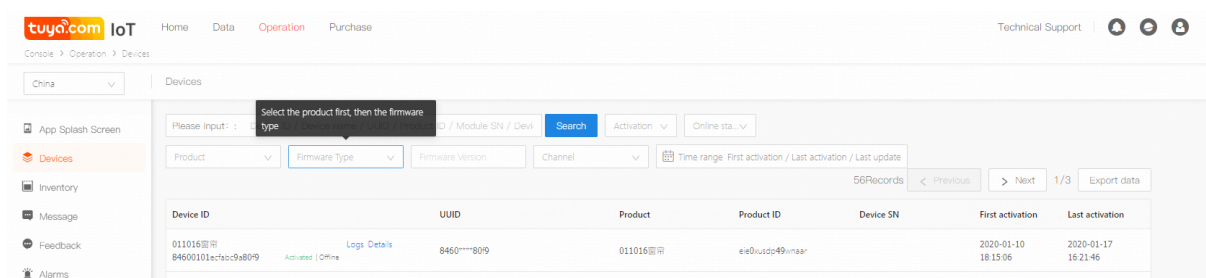
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## 1 Overview

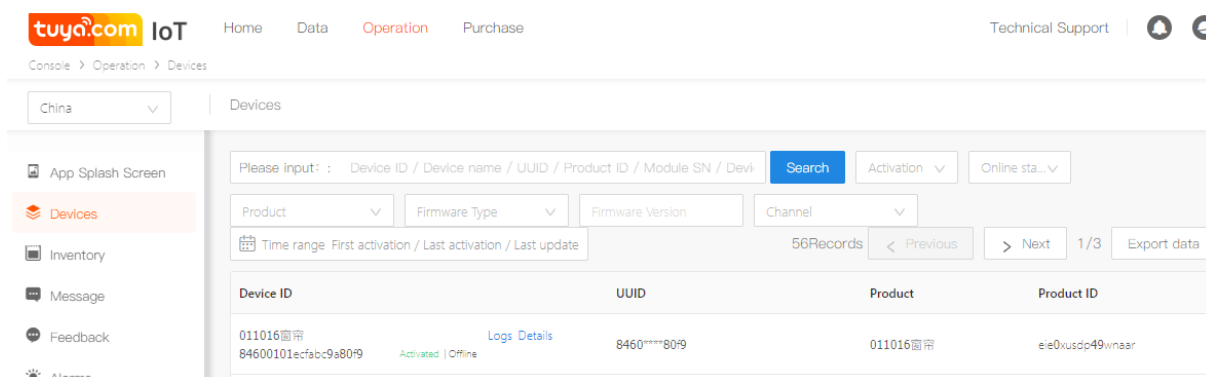
The Tuya Smart platform's **Operation** module provides operational management tools that customers need in various scenarios. As a key marketing tool for the Tuya Smart platform, the **Operation** module helps you solve various App operation problems, enhance your device management capabilities, and increase your marketing hotspots. The **Operation** module also allows you to push messages and splash screen content to App users and handle user feedback and device alarms, improving your product capabilities.


## 2 Devices: Quick Understanding of Device Use

The **Devices** page allows you to check the running conditions and user operation logs of the products you have sold from multiple dimensions anytime, helping you respond to market needs in a timely manner and quickly understand device use information.



- **Device SN:** The unique serial number of each device. It's generally shown on the package of the device. By burning the device SN code into the firmware, you can inquire for each device after the device successfully accesses the network.
- **First activation:** indicates the total number of activated devices under the current Tuya account. A device is activated after it successfully accesses the network for the first time and is bound to the App.
- **Last activation:** the latest time the App user activated the device through network access. (Devices can be reactivated after a reset.)




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Base information		Device status	
Device ID	84600101ecfab9a80f9	Control	Open
Produce UUID	8460***80f9	Curtain position setting	0
Custom name		Current curtain position	0
Default name	011016窗帘	Mode	Morning Mode
Products belonged	011016窗帘	Motor Direction	Forward
Product ID	eie0xusdp49wnaar	Auto Power	Yes
Module firmware key	key30d7e434e7084	Work State	Opening
Module firmware version	2.2.0	Countdown	Cancel
MCU firmware key		Left Time	0
MCU firmware version	1.0.0	Total Time	0
Module SN		Situation_set	Fully open
Device SN		Fault	Sensor fault

Device activating information	
Activation status	Yes
Time of activation	2020-01-10 18:15:06
Last device activity	2020-01-17 16:21:46
Last update	2020-01-17 16:21:52
Online now	No
Binding user	86-152****5259
Binding APP	线上回归线上回归线上
Geographic position	
Channel	
Time zone	America/Los_Angeles GMT-07:00

- **Details:** You can view detail information about activated devices of customers.

### - Device activating information:

- \* **Activation status:** reporting device state;
- \* **Time of activation:** the same as the **First Activation**;
- \* **Last device activity:** the same as the **Last Activation**;
- \* **Last update:** indicates the latest modification date of the device activation that records in the database.

For example, you can check the use information about recently sold humidifiers that



have been activated to understand the product sales.

### 3 Log query: Use Behavior Query on a Single-Device Basis

The **Log query** page displays device logs, which record historical information about turn-on, turn-off, control operations, and status of a specific device. The logs can help locate problems when you deal with user feedback.

The screenshot shows the Tuya Log Query interface. At the top, there is a search bar with the device ID "834051266001947e9665" and a "search" button. Below the search bar, a message states "Support for viewing operation within 7 days". The main content area displays a table of logs for the device "RGB灯-涂鸦演示 834051266001947e9665". The table has three columns: "Time", "Function", and "Value". The logs show various "Scene Data" entries with hexadecimal values. A callout box with the text "Query the device operation log" points to the table.

Time	Function	Value
2018-12-25 14:28:04	Scene Data	bd76000168ffff
2018-12-25 14:27:58	Scene Data	cf38000168ffff
2018-12-25 14:27:58	Mode	Scene
2018-12-25 14:27:57	Scene Data	cf38000168ffff

If you cannot access all of the preceding functions, complete your enterprise information and upgrade your account.



### 4 App user: User Classification, Management, and Maintenance

The **App user** page displays information about users who have registered with your branded Apps, excluding Tuya Smart, and the devices that each user is using so that you can easily differentiate and manage them.

App user manager

All Apps

App	User account	Bind TEL	Nickname	Registration time	
TuyaSmart	86-180****1250	86-180****1250		2018-12-25	<a href="#">Detail</a>
Smart Life	86-139****5092	86-139****5092		2018-12-25	<a href="#">Detail</a>
Smart Life	xxvgu**@126.com			2018-12-25	<a href="#">Detail</a>
TuyaSmart	86-139****3716	86-139****3716		2018-12-25	<a href="#">Detail</a>
Smart Life	86-189****3033	86-189****3033		2018-12-25	<a href="#">Detail</a>

Support for viewing individual user APP operation information



## 5 App Splash Screen: Improving Brand Influence and Marketing Interactivity

1. The splash screen shows marketing information when users start your branded App, improving marketing interactivity.
2. You can push marketing information based on the user group and region.

The screenshot shows the 'App Splash Screen' configuration page in the Tuya dashboard. The page has a top navigation bar with links like 'Product', 'App Service', 'Value-added Services', 'Purchase', 'Data', 'Operation', and 'Document'. Below the navigation bar, there's a breadcrumb trail: 'Dashboard > Operation > App Splash Screen'. A 'Save' button is in the top right corner. The main content area contains several configuration fields: 'Title' (text input), 'APP' (dropdown menu), 'APP version' (text input), 'Target' (radio buttons for 'All users', 'Some users', and 'Product'), 'Open method' (radio buttons for 'Directly open application' and 'Open application page'), 'Display time' (time range selector), 'Show time' (text input), and 'Content' (radio buttons for 'Still picture' and 'Dynamic picture'). A dashed line points to the 'Target' section with the text 'Support to select people and the open mode'. Another dashed line points to the 'Show time' field with the text 'Display image information to users'. At the bottom, there's a 'Preview' section showing a mobile phone screen with a question mark icon. A list of notes is at the bottom left: 'PNG format, less than 10MB', 'System resizing support for uploading a picture with dimensions greater than 1242\*2208px', 'Individual template can be modified', and 'Do not put important information on the top and bottom edges'.

**Note:** Splash screens customized on the **App Splash Screen** page apply only to OEM Apps, and not Tuya Smart. On this page, you can specify the pushed content, pushing conditions, and targets (all, product-based, or account-based) to whom the marketing information is pushed. The pushed content includes activity information and notifications. For example, on the day of the Lantern Festival in China, you can display content related to the Lantern Festival and an animation of using a cooker to cook sweet dumplings on the App splash screen to increase marketing interactivity.

## 6 Message: Effective Customer Operations

The **Message** page allows you to send messages to specific users of your OEM App at scheduled times, for example, new product promotions and life reminders, helping you effectively manage your users.

tuya.com IoT Home Data More ▼ Technical Support | [Notification Icon] [Feedback Icon] [User Icon]

Console > Operation > Message

← Back | New Notification

) In the App, Chinese text is displayed in Chinese context, and English text is displayed in English Context. English text is displayed by default if o

\* Applications: xianshanghuiguixians ▼

	Title	Contents
* Chinese:	Optimized the air conditioner	Optimized the air conditioner
* English:	Optimized the air conditioner	Optimized the air conditioner

More languages >

\* Message type: ☒ Notice ☐ Marketing message ?

\* Open method: ☒ Message Center(Push to the App's Message Center, Users need to read in app) [Example](#) ☐ Push Notification(Push to phone notification bar, you can also receive notification without opening the app)

\* Date: GMT+8 ▼ 2020-06-11 00:00 ~ 2020-06-11 23:59 [Calendar Icon]

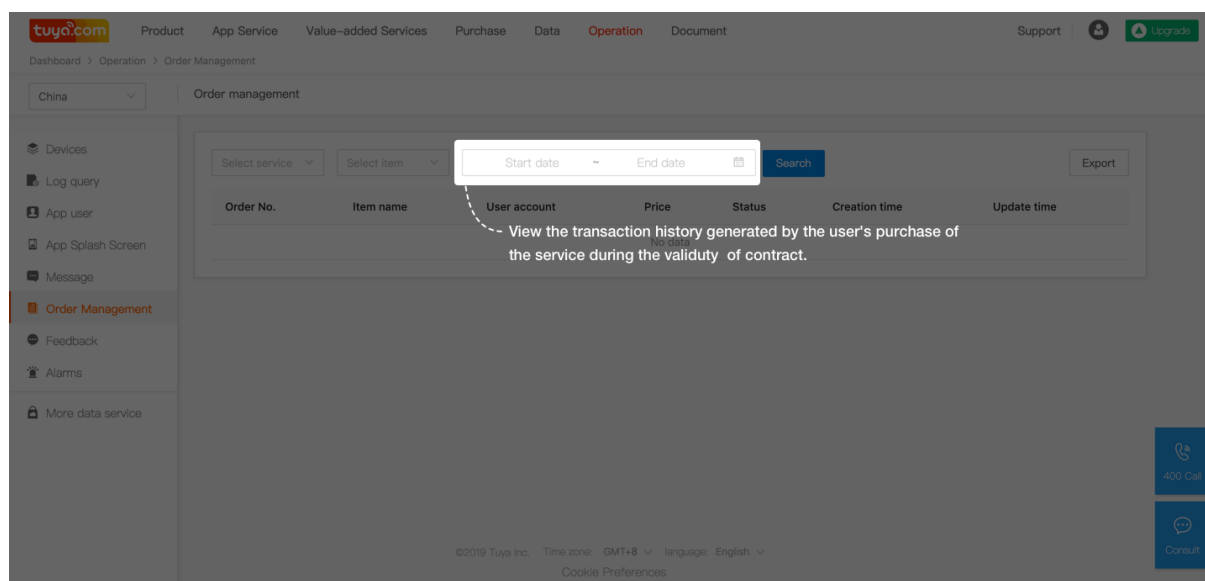
\* Target: [All Users Icon] [Product-based Icon] [Account-based Icon]

**Note:** Functions of the **Message** page apply only to OEM Apps, and not Tuya Smart or Smart Life. On this page, you can specify the message content, pushing conditions, image type, and targets (all, product-based, or account-based users). The message content includes activity information and notifications. For example, push promotion messages about the newly launched essential oil diffusers to users who have bought your humidifiers. Effective cross-promotion can help you achieve a high conversion rate.



### 7 Order Management: Querying Valid Service Transaction Records

After platform users purchase the Cloud Storage for Videos within the validity period of Revenue Sharing Agreement for Camera Video Cloud Storage signed between you and Tuya, the transactions are recorded on the **Order Management** page for you to check statements and confirm revenue sharing or amount to be deducted.



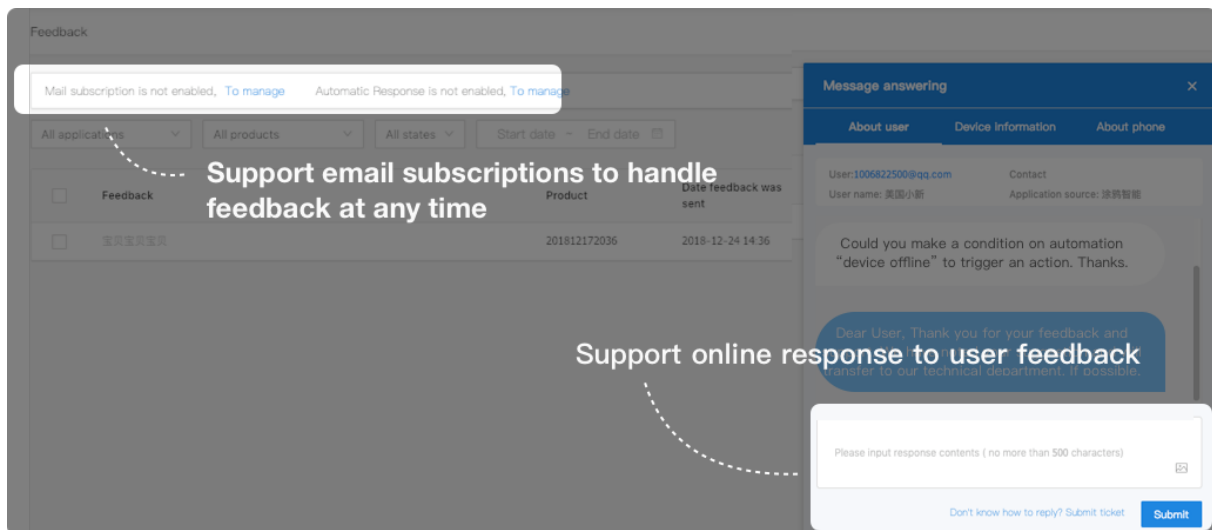
#### Note:

To view a transaction from Tuya Smart platform's **Operation > Order Management**, ensure that the following conditions have been met:

1. You have signed an agreement with Tuya, and the agreement is valid.
2. A user has purchased and paid for Cloud Storage for Videos through your OEM App.

## 8 Feedback: Efficient Communication with Users

The **Feedback** page immediately notifies you of the after-sales questions that your product users submit on Apps, including Tuya Smart, Smart Life, OEM Apps, and customized Apps, and allows you to reply to users' feedback and communicate with them on solutions, improving your after-sales service capabilities.



**Note:** On the **Feedback** page, pay attention to feedback related to your products and solve any problems promptly. This prevents the low-efficiency, high-cost problems of the traditional after-sales maintenance mode, especially if the factory is far away from the maintenance centers, and helps you maintain a high level of customer satisfaction. For example, after launching a new product, collect problems and suggestions from users, analyze the feedback to understand consumers' preferences and function optimization requirements, and continuously improve the product to ensure your competitiveness.

## 9 Alarms: Alarm Query and Secondary Marketing

The **Alarms** page displays information about users with alarm flags, which are added based on conditions, for example, fault alarms and exhausted consumable alarm that you specify on the **Product** module. You can check whether users' products are running properly after alarm conditions are preset, and quickly locate faulty products and causes of faults for rectification. In addition, the alarm handling function facilitates secondary marketing.

**New Trigger**

\* Name(Chinese): Your product filter is about to be used

\* Information(Chinese): Your air purifier product filter is about to be used. Please pay attention to timely replacement !

\* Name(English):

\* Information(English):

**Product implementation page setting alarm status and content**

Note: In the App, Chinese text is displayed in Chinese context, and English text is displayed in English Context. English text is displayed by default if other languages are not set.

**Alarms**

Alarm ID: [ ] Search

Product: [All] Type: [All] Grades: [All] Status: [All] Date: [Start date] - [End date] Mark As [ ]

	Alarm ID	Type	Information	Device ID	Device name	Product	User	Date alarm was triggered	Grades	Status
<input type="checkbox"/>	448McBPMayk hSma	20181224	20181224	086673875cc7f 607952	20812241441	20812241441	wa****@tuya.co m	2018-12-25 09:47:47	Notify	Processed
<input type="checkbox"/>	448McBPMayk hSma	20181224	20181224	086673875cc7f 607952	20812241441 2	20812241441	zhe****@tuya.c om	2018-12-25 09:46:54	Notify	Processed
<input type="checkbox"/>	448McBPMayk hSma	20181224	20181224	086673875cc7f 607952	20812241441 2	20812241441	zhe****@tuya.c om	2018-12-24 20:00:27	Notify	Processed
<input type="checkbox"/>	448McBPMayk hSma	20181224	20181224	086673875cc7f 607952	20812241441	20812241441	zhe****@tuya.c om	2018-12-24 18:48:52	Notify	Processed

Total 8 items 1

**Note:** Alarm flags apply only to the products for which you preset alarm conditions on the **Product** module. For example, when creating a product, an air purifier manufacturer adds an alarm flag that is triggered when users need to replace the filter. When the users need to replace the air purifier filter, the manufacturer can check the information on the **Alarms** page and sell filters to the users. In this way, the



manufacturer realizes increased revenue.

## 10 Agents

The **Agents** page allows you to add agents and edit agents names.

## 11 Inventory

The **Inventory** page allows you to manage all devices to be delivered, including devices with the authorization and vendor information burnt on, samples, devices to be tested, activated devices, and unactivated devices.