DSPREAD

TMS SE MANUAL

V1.0.0

Content

1. Login TMS SE

URL: https://www.dspreadser.net/#/login

If you want to test the functionality of TMS, please contact us. We will provide you with a TMS account and password.
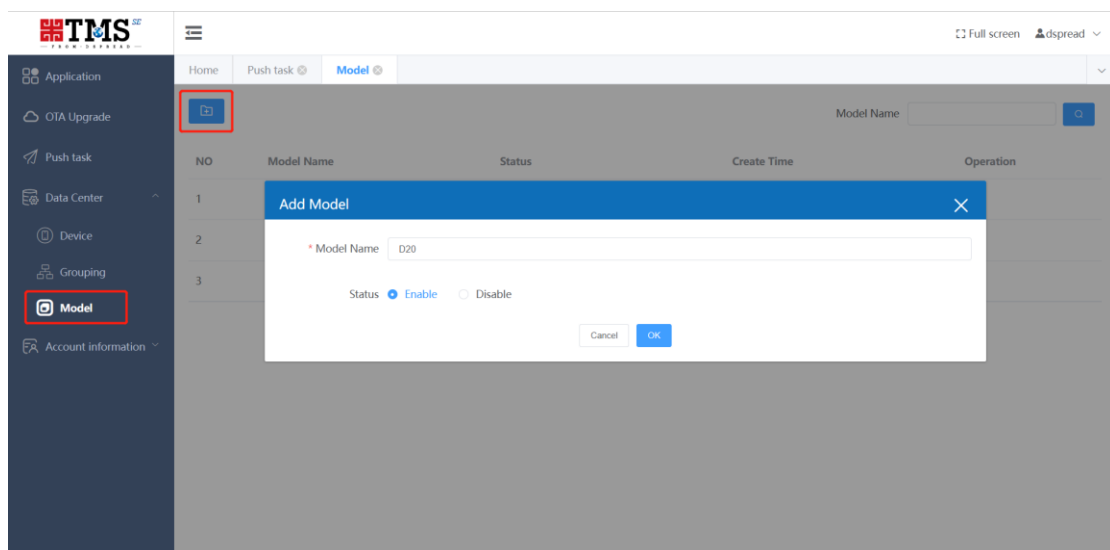

2. Add Devices

If you want to push files to a device, you first need to register the device on TMS.

2.1 Set Devices Model
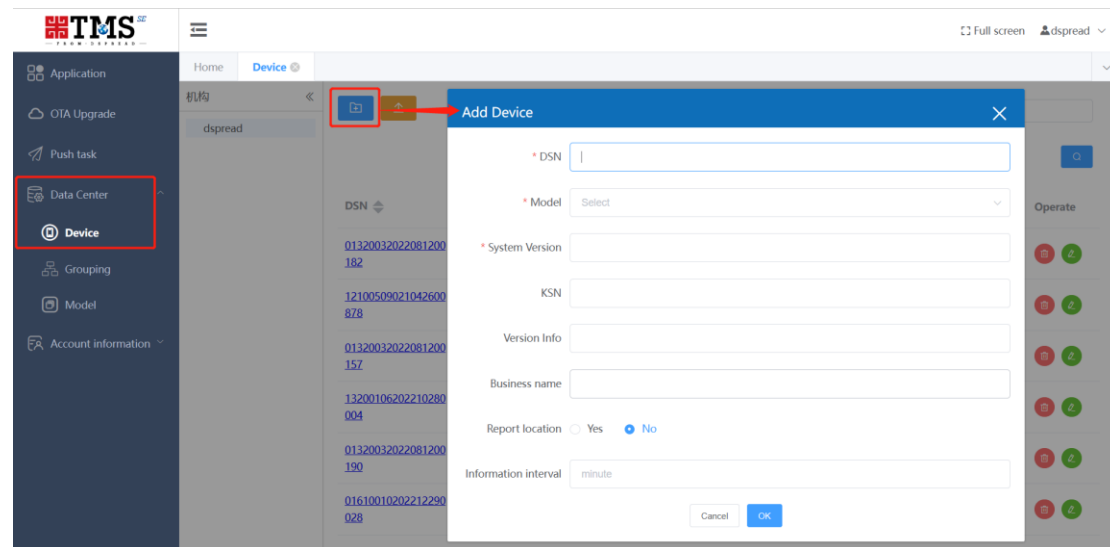
Configure the model of the device you purchased.

2.2 Add Devices

2.2.1 Add a single device

Please fill in the blanks as below(DSN, Model and System Version are mandatory), then click the button "OK".

(Note: After adding the device, turn on the power to start TMS normally. If the device is already turned on, a reboot is required.)

2.2.2 Import a batch of devices

Firstly, you need to download the "Import Template" and fill in the information according to the template format.

Secondly, click the button and select the file of Import Template.
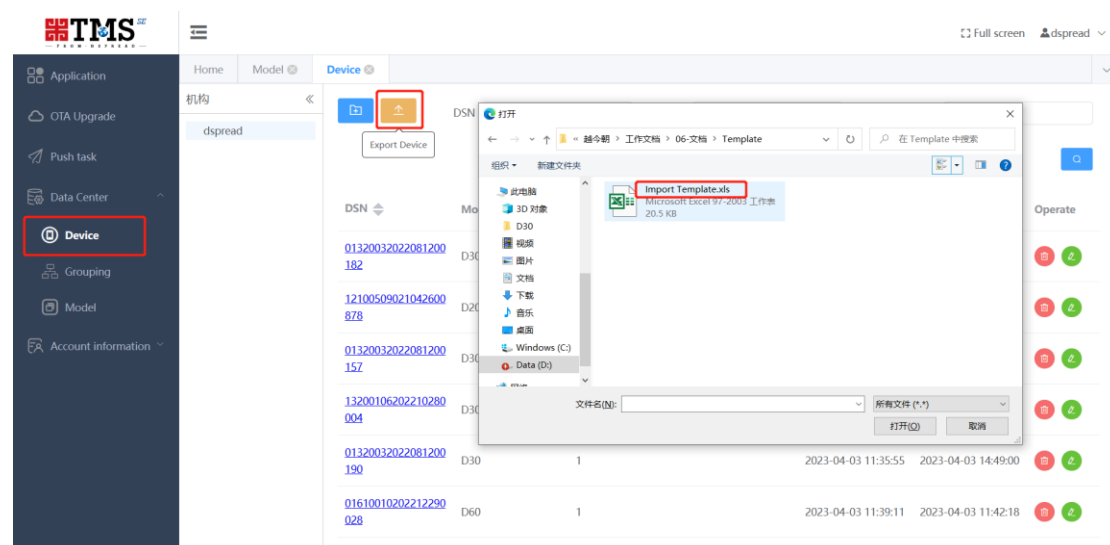
3. Upload ROM/Firmware Files

As the first step to start pushing, you need to upload the file you want to push to the device to TMS. This part is about how to upload the files of firmware and ROM.

3.1 Add File

Click the OTA Upgrade Management menu on the left and click the Add button.

Fill in the information as below(File, Type, Visual Range and Visual Object are mandatory).
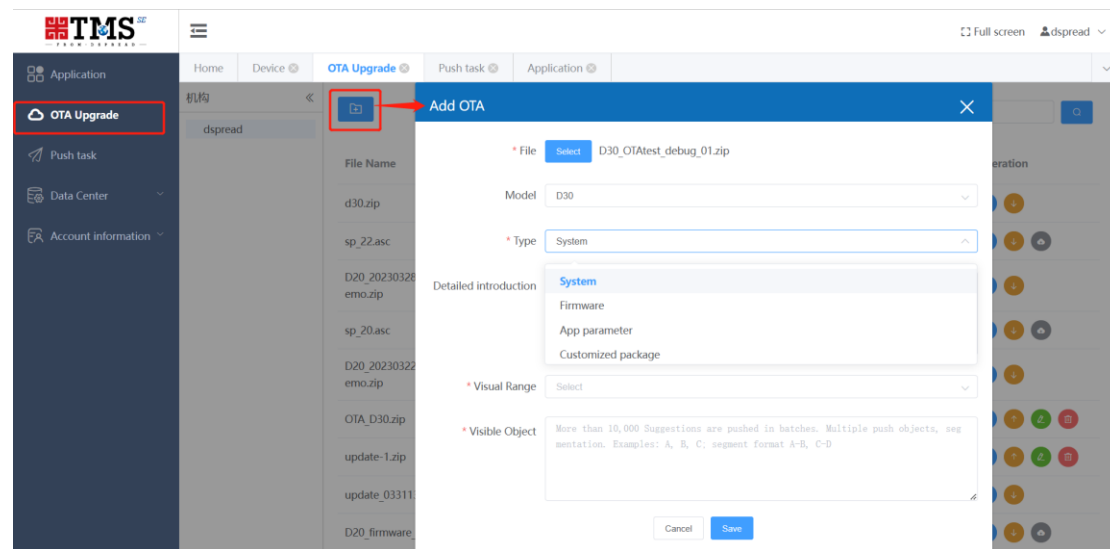
Note: About the "Type" option.
    If the file is firmware(.asc file), select "Firmware";
    If the file is ROM(.zip file), select "System".

3.2 Hit the shelves

After all of the file information has been confirmed, click the button "Back on" to put the file on the app store.

You can see the status change from "Initial state(ROM)"/"Off the shelf(firmware)" to "On the shelf".
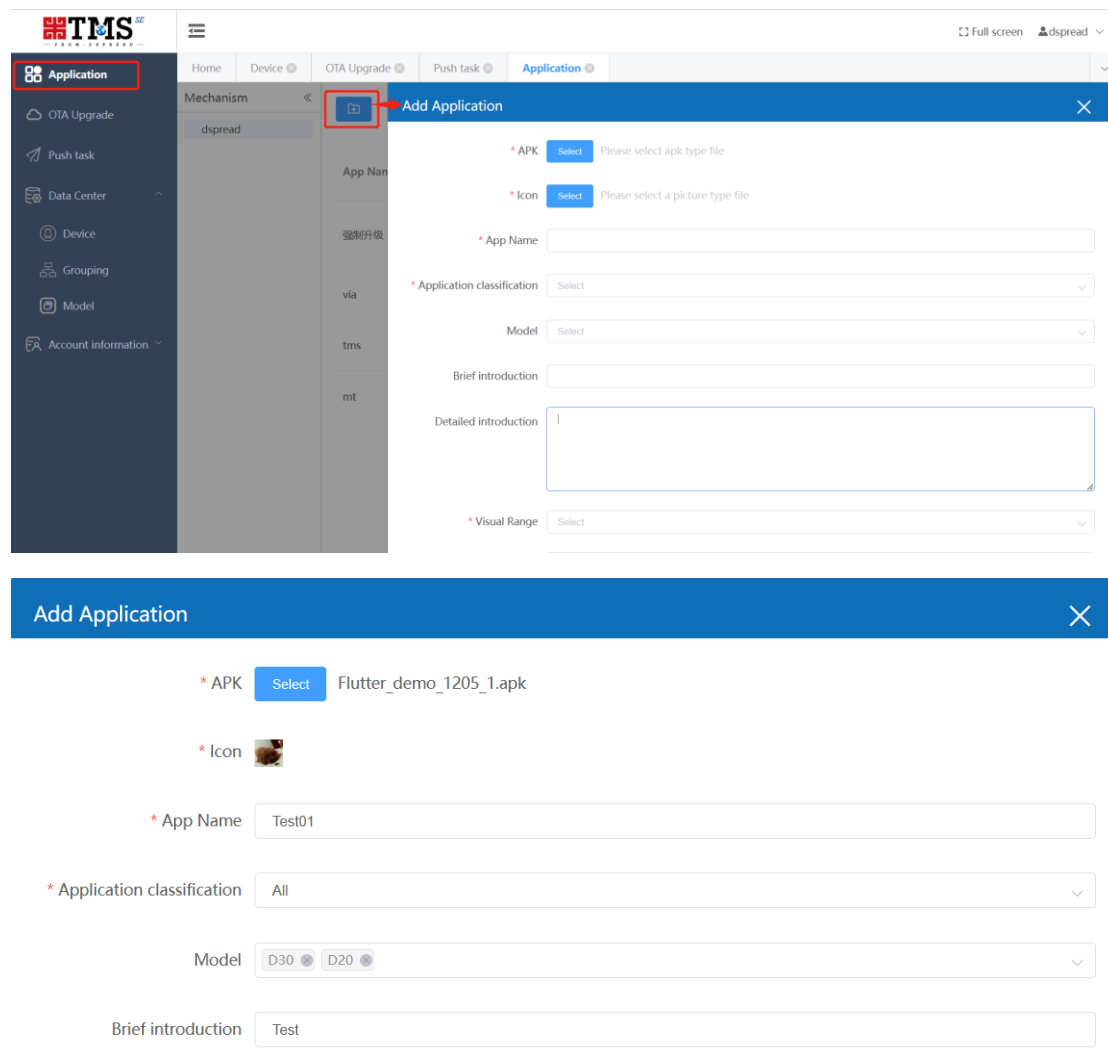
File Name	Size	Status	Model	Add Time ⬍	Operation
D30_OTAtest_debug_0 1.zip	83.54MB	On the shelf	D30	2023-04-10 15:16:03	

4. Upload APP Files

Similar as the previous part, this part is about how to upload files of APP.

4.1 Upload APP

Click the Application menu on the left and click the Add button. Fill in the information as below(APK, Icon, App Name, Application classification, Visual Range and Visual Object are mandatory).


4.2 Hit the shelves

After all of the file information has been confirmed, click the button "Back on" to put the

app on the app store.

| App Name	File Name	Icon	Size	Package Name	Version Code	Model	Status	Add Time	Operation
Flutter demo	Flutter_demo_1205_1.apk		56.02MB	com.dspread.flutter_plugin_qpos_example	1	D30,D20	Off the shelf	2023-04-10 14:58:52	

You can see the status change from "Off the shelf" to "On the shelf".

App Name	File Name	Icon	Size	Package Name	Version Code	Model	Status	Add Time	Operation
Flutter demo	Flutter_demo_1205_1.apk		56.02MB	com.dspread.flutter_plugin_qpos_example	1	D30,D20	On the shelf	2023-04-10 14:58:52	

5. File Push

This part is about how to push the files that already uploaded on TMS to the devices.

5.1 Add file

Click the "Push task" menu on the left and click the Add button.
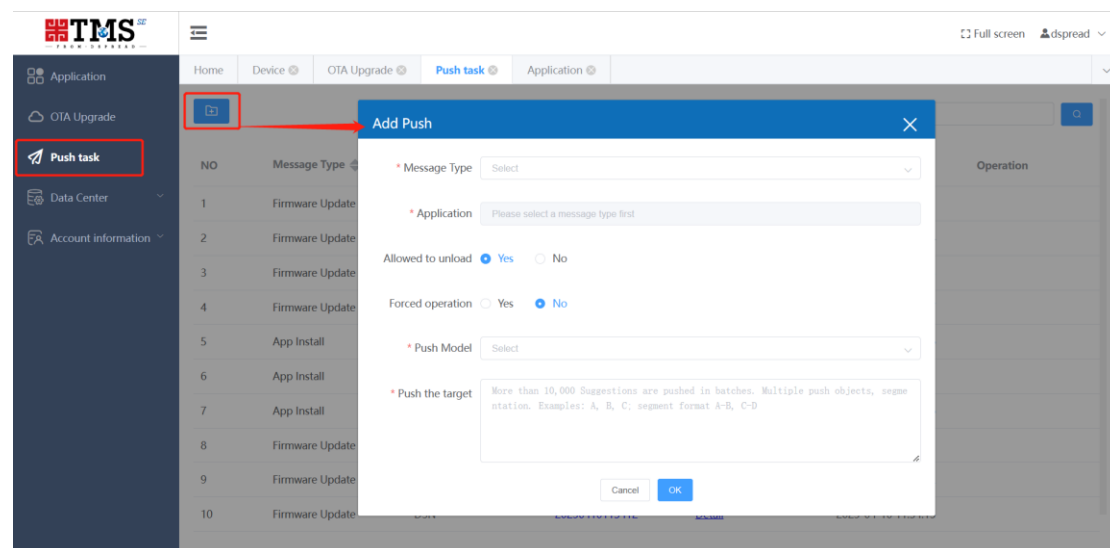
5.2 Select file to push

Note: "Message Type"

  If the file is firmware(.asc file), select "Firmware Update";
  If the file is ROM(.zip file), select "Firmware Update";
  If the file is APP(.apk file), select "App Install".
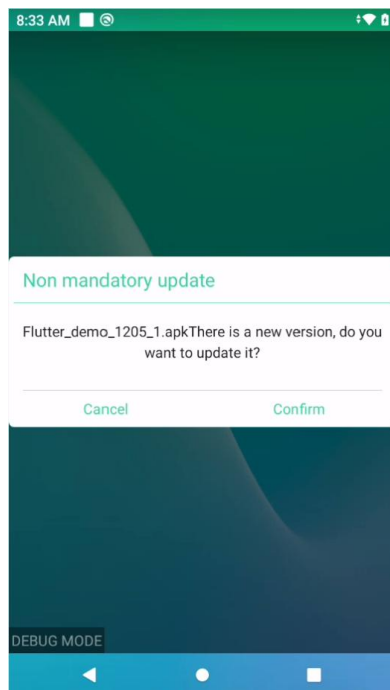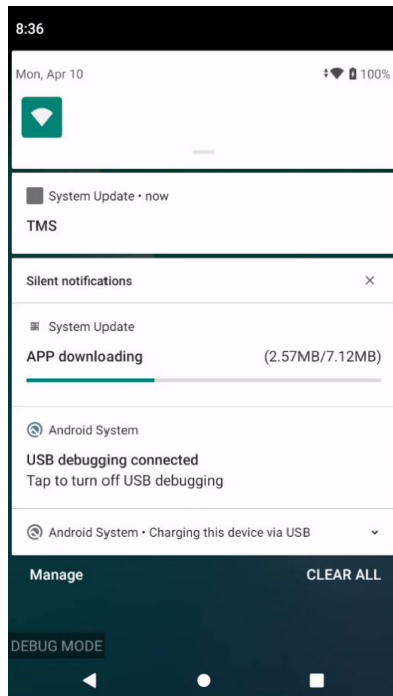
5.3 Pop up

After clicking confirm button, the device will pop up a prompt about force downloading the upgrade package.

5.4 Download

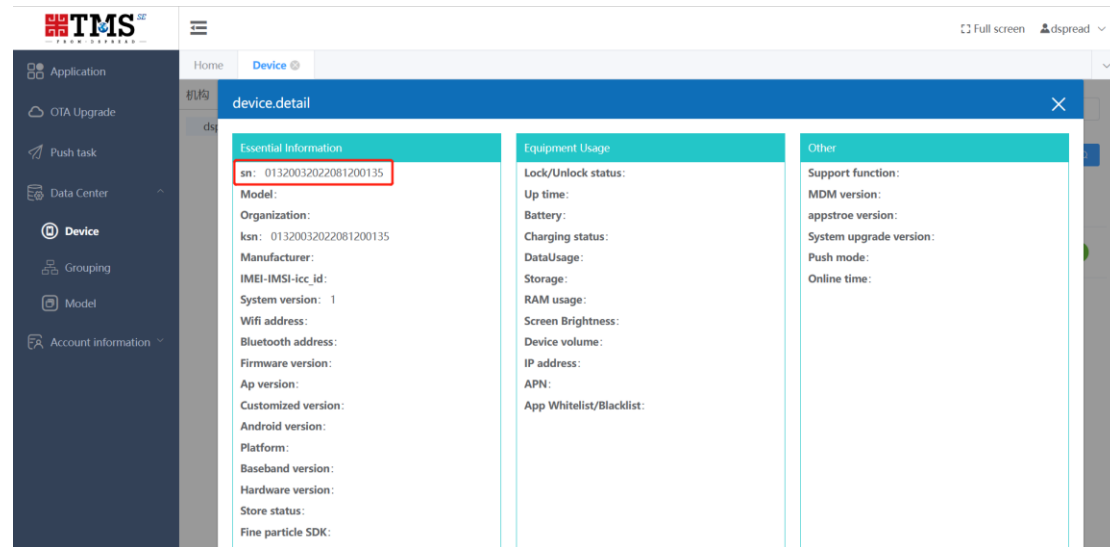You can see the download progress from the drop-down menu bar, see as below.

6. Supplementary Explanation

6.1 Check Device Information

After adding the device successfully, click the DSN to view the device information.

6.2 Off the Shelves

Click the "Off the shelf" button to remove the file from the app store. After being removed from the shelves, the file information can be edited as mentioned above, or the file can be hit the shelf again.

6.3 Download

Click the button "History" and download the file, see as below.

File Name	Size	Status	Detailed introductio n	Operation
D30_OTAtest_debug_01.zip	83.54MB	Upload completed		Download ⬇

Total 1   10/page   ‹ **1** ›   ↻

6.4 Edit

Click the "Edit" option to change Visual Range and Visual Object.

File Name	Size	Status	Model	Add Time	Operation
D30_OTAtest_debug_01.zip	83.54MB	Initial state	D30	2023-04-10 15:16:03	📁 ⬆ ✎ 🗑

6.5 Delete

Click the Delete Button to remove file.

File Name	Size	Status	Model	Add Time	Operation
D30_OTAtest_debug_01.zip	83.54MB	Initial state	D30	2023-04-10 15:16:03	📁 ⬆ ✎ 🗑

6.6 Upgrade

If there is an update to the APP version, you can update the original version to the new version without adding the file on the main menu again. Click the button "Upgrade" and upload the new version of APP.

App Name	File Name	Icon	Size	Package Name	Version Code	Model	Status	Add Time	Operation
Flutter demo	Flutter_demo_1205_1.apk		56.02MB	com.dspread.flutter_plugin_qpos_example	1	D30,D20	On the shelf	2023-04-10 14:58:52	📁 ⬇ ☁

The same situation can also be applied to firmware upgrades.

File Name	Size	Status	Model	Add Time	Operation
sp_22.asc	498.75KB	On the shelf	D30	2023-04-10 11:28:35	📁 ⬇ ☁
Flutter_demo_1205_1.apk	56.02MB	On the shelf	D30	2023-04-10 11:17:07	📁 ⬇