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# ESL System User Manual

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## 1 Summary

### 1.1 System Architecture

The system B/S architecture can be divided into a database, front-end web application

The database is the data storage container that stores system and user information (this system uses MySql as the storage database);

The front-end web application is based on the web browser client application, default port 4000;

### 1.2 Business Architecture

The management system deployed in the cloud server provides system administrators and business personnel with system operation status, daily operation, and data queries.

The system is divided into 7 modules: home page, my common use, shop management, data management, data query, template management, and system management.

**【Home】** : System statistics, real-time information, label type distribution, traffic analysis.

**【My Frequently Used】** : product management, material management, ESL templates.

**【Store Management】** : Store list, base station management, electronic price tag management, area management, advertising screen management, video server management.

**【Data Management】** : product management, planning tasks, material management, display management.

**【Data Query】** : Electronic price tag communication query, data synchronization records, system log query.

**【Template Management】** : ESL templates, template themes, holiday management;

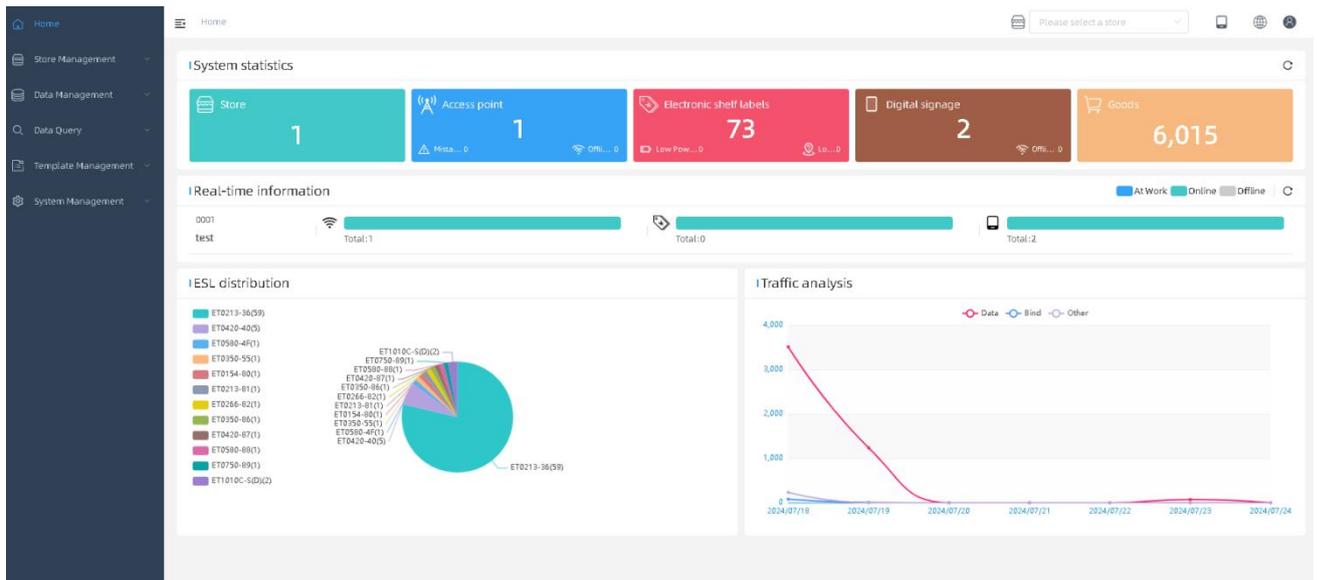
**【System Management】** : User management, permission setting, organizational structure, parameter setting, administrator tools, system configuration, system font management, application management.

## 2 System Login

Open the browser, enter the URL (server IP: 4000) to open the login interface, and enter the background account and password (initial administrator account: admin, password: Pass99), it is recommended that the first time you log in the shortcut will be sent to the desktop.



### 3 System Home



**【System Statistics】**: Displays the basic overview of shops, base stations, electronic price tags, and commodities within the price tag system;

**【Real-time information】**: Display the distribution of the number of each online status of the current system base station, ESL, including online, offline, and work in progress status;

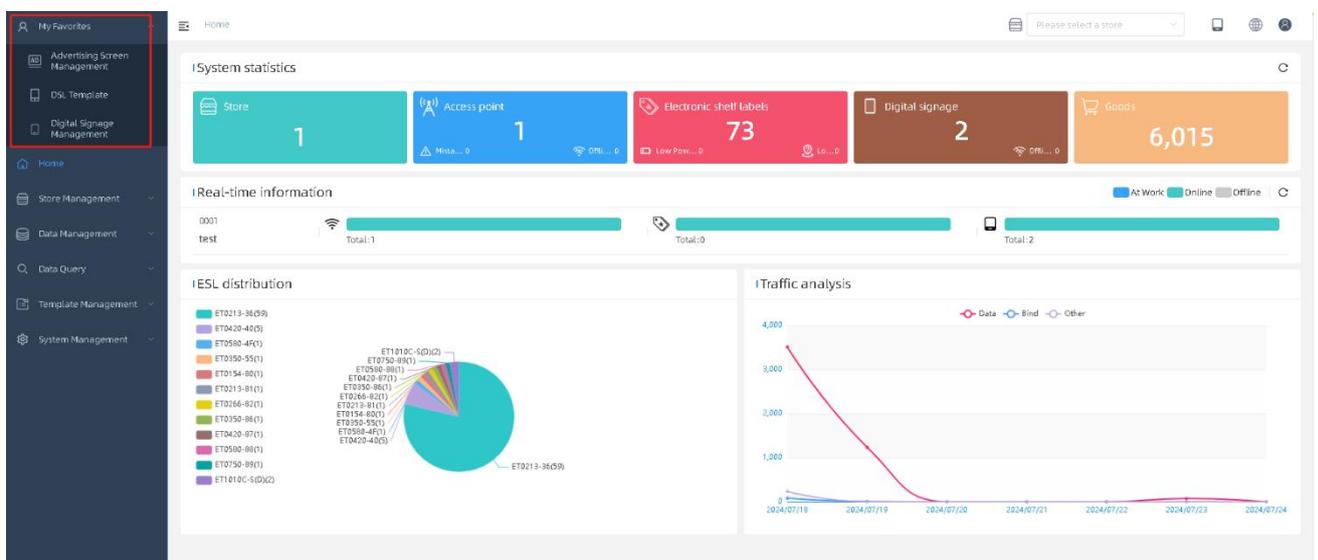
**【Label Type Distribution】**: Statistical chart showing the proportion of the total number of electronic price tags that have been deposited recently.

**【Traffic Analysis】**: Displays the input and output data traffic of the system by time;

### 4 Common Toolbar

#### 1. My common use

You can quickly access the three modules that are frequently used by users.



## 2. Change of shops

You can switch the shop you want to view in the upper right corner, after switching, only the relevant data of the shop will be displayed, if you don't select the shop, the data of all shops will be displayed.



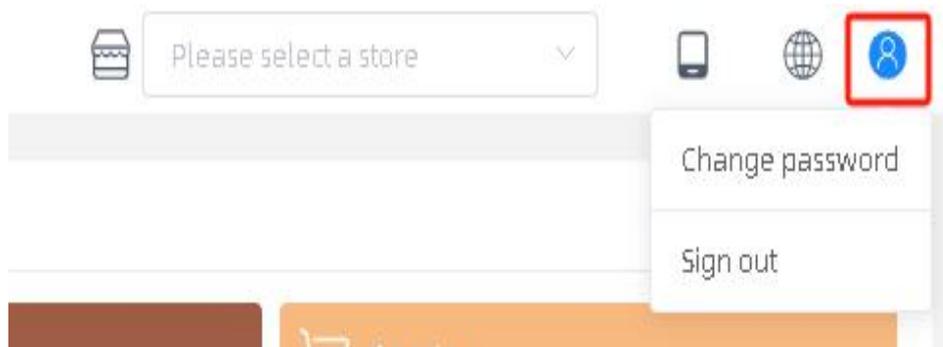
## 3. System language switch

Click on the icon to switch the system language, and click on Language Configuration to configure the translation rules for each language as required.



## 4. User login set

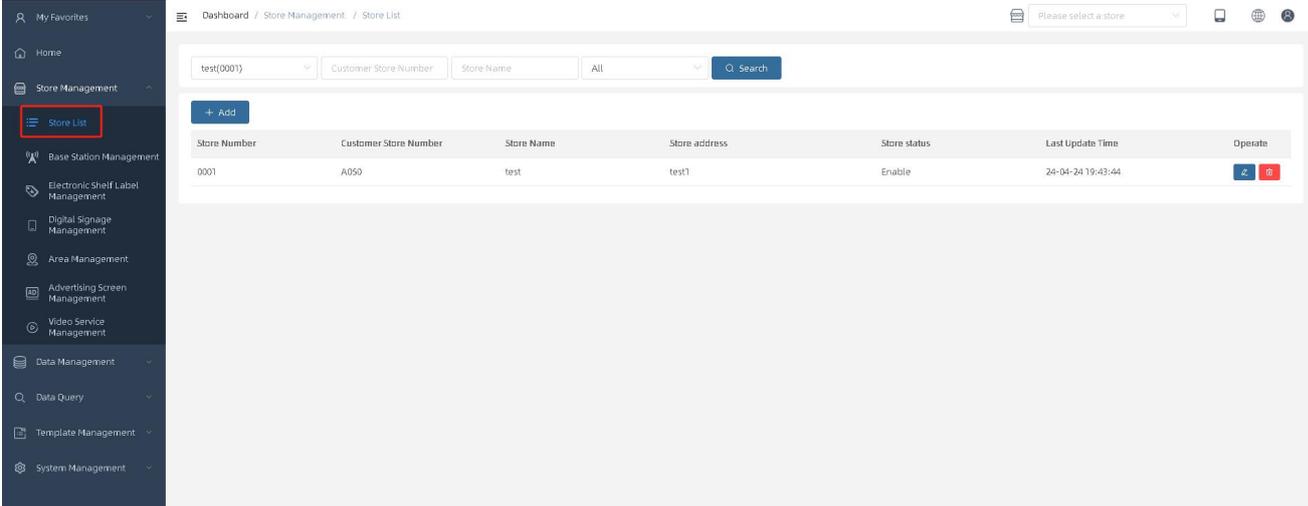
Click on the icon to change your password and log out of your current account.



## 5 Shop Management

### 5.1 Shop List

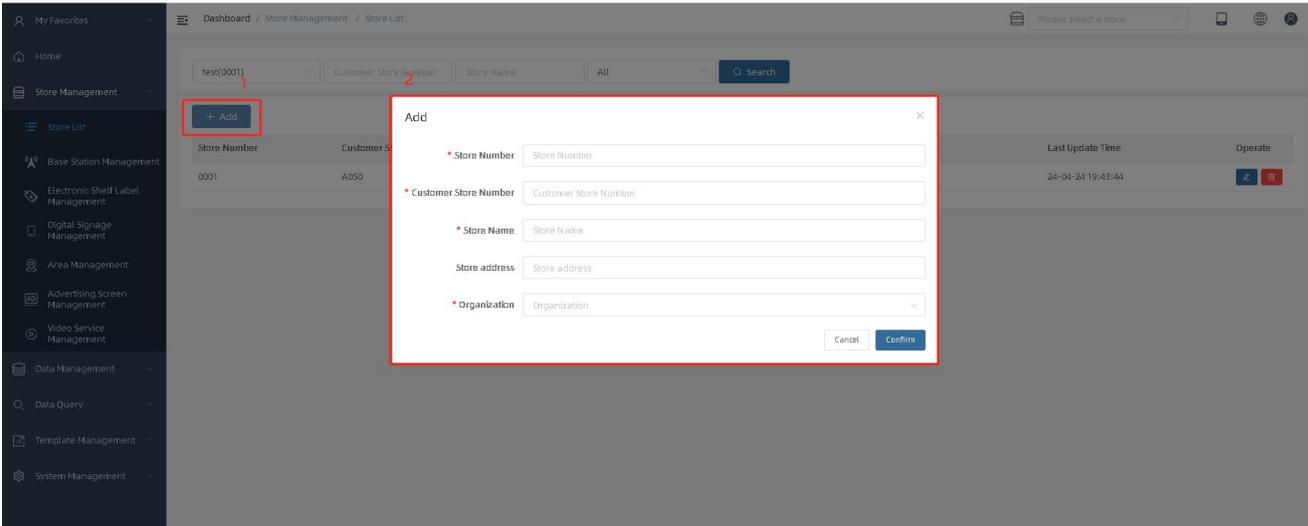
Shop list can view all the shop information in the system, you can add new system shops and existing shops to edit, delete, and query.



#### 5.1.1 Additional Shop

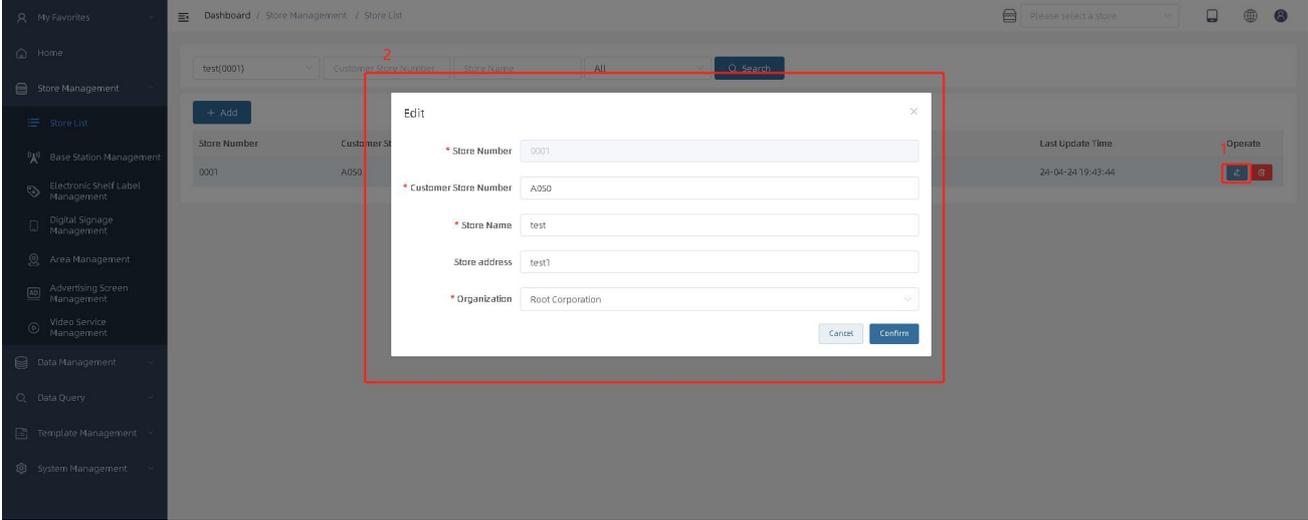
Click the Add button to add a new system shop, enter the shop number, customer shop number, shop name, and shop address, and select the organization to which it belongs (can be configured in the organizational structure) can be created successfully. Note: where with \* is required.

Note: After adding a shop and registering the base station to the specified shop, the base station will be recognized online and the corresponding shop product data will be imported automatically; you can view the information of the used base station in the shop on the base station management page.



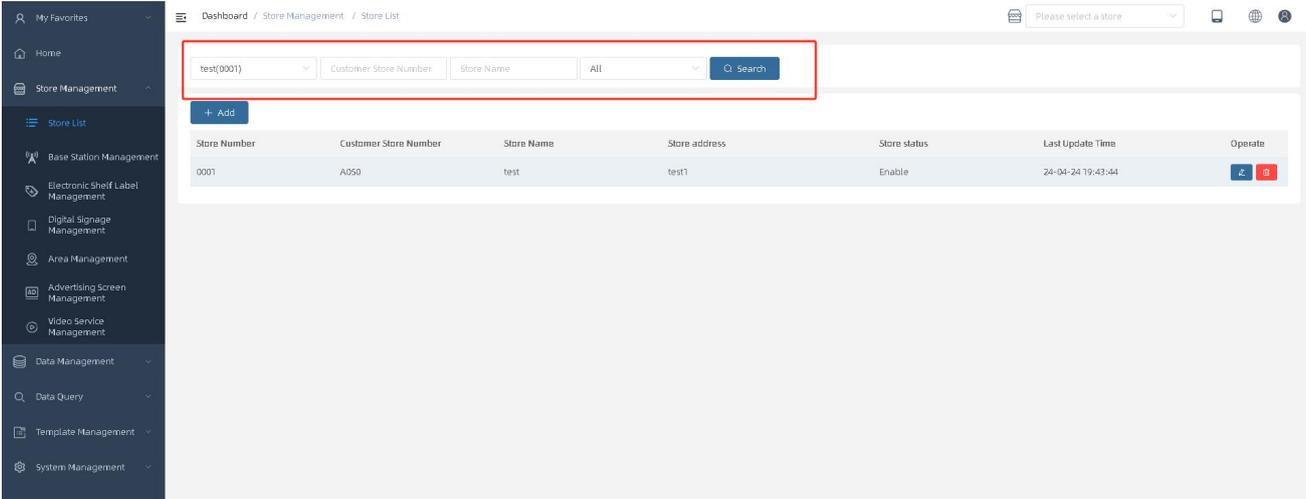
### 5.1.2 Edit Shop

Find the shop row that needs to be edited, and click the Edit button, you can edit the customer shop number, shop name, and shop address and change the organization it belongs to, the shop number is not supported for modification.



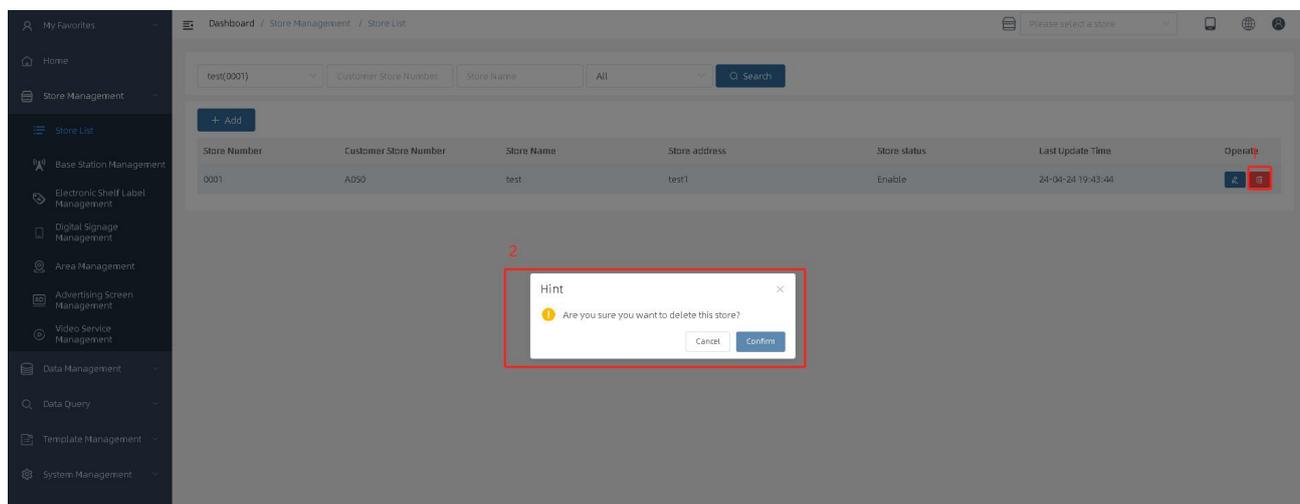
### 5.1.3 Find Shop

You can quickly find the shop information you are looking for by shop number, customer shop number, and shop name.



### 5.1.4 Delete Shop

Find the shop column that needs to be deleted, and click the Delete button to delete the shop, the deletion operation requires a second confirmation from the user.

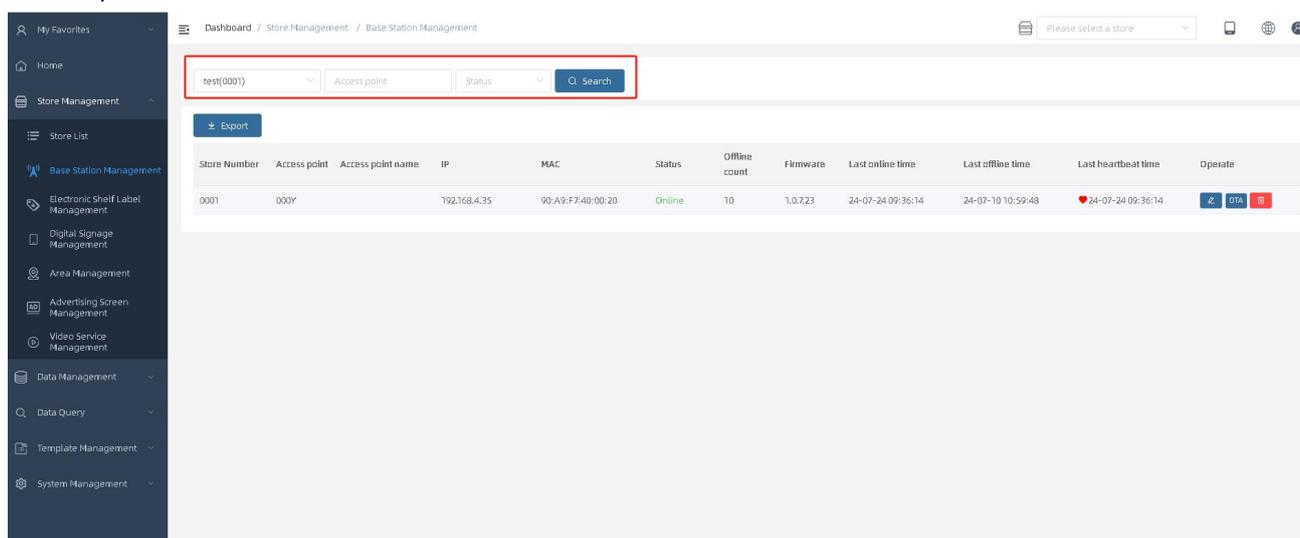


## 5.2 Base Station Management

After creating a shop, connect the configured base station to the network, the base station will automatically complete the registration Base station management and display the status information on the base station management page; if the base station has not completed the automatic registration for a long time, please check the network status, base station configuration, and shop configuration.

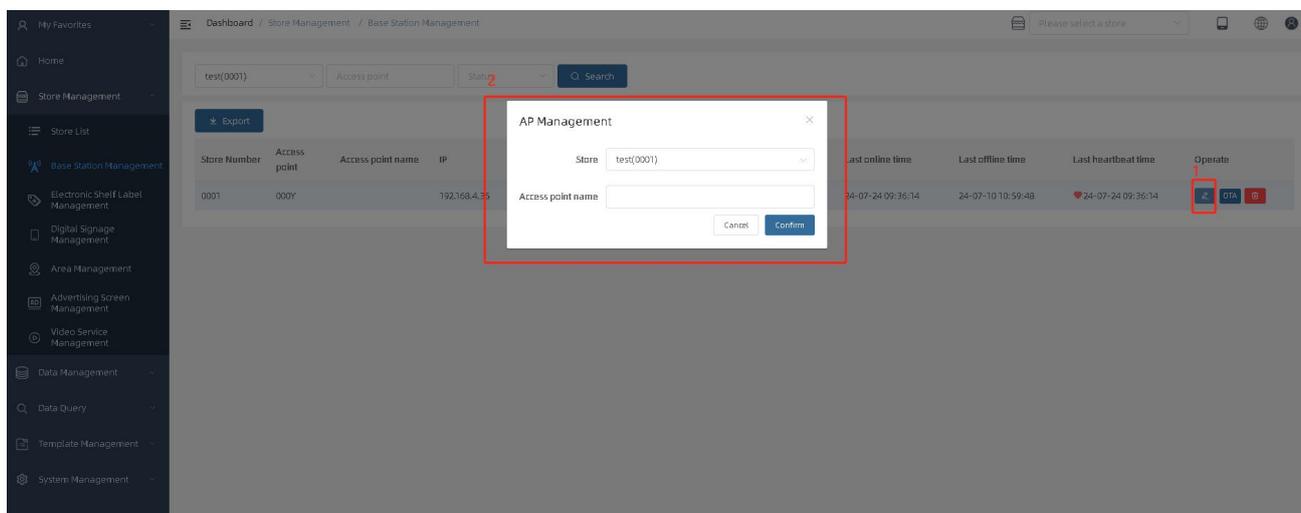
### 5.2.1 Query Base Station

You can quickly retrieve the base station information you need to find by shop number, base station number, and base station status.



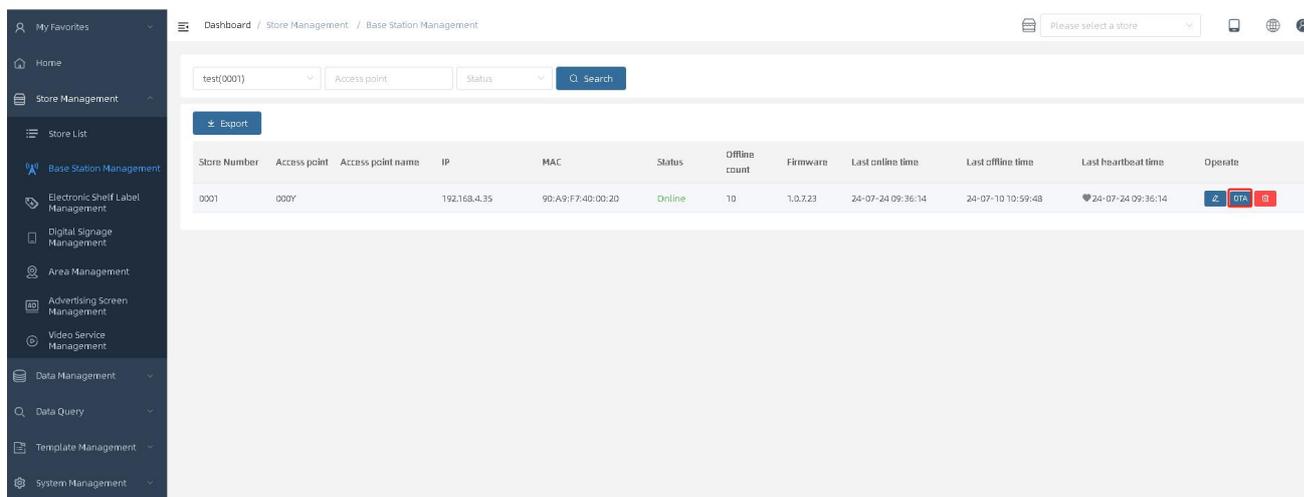
## 5.2.2 Edit Base Station

Click the Edit button to change the shop to which the base station belongs and the name of the base station.



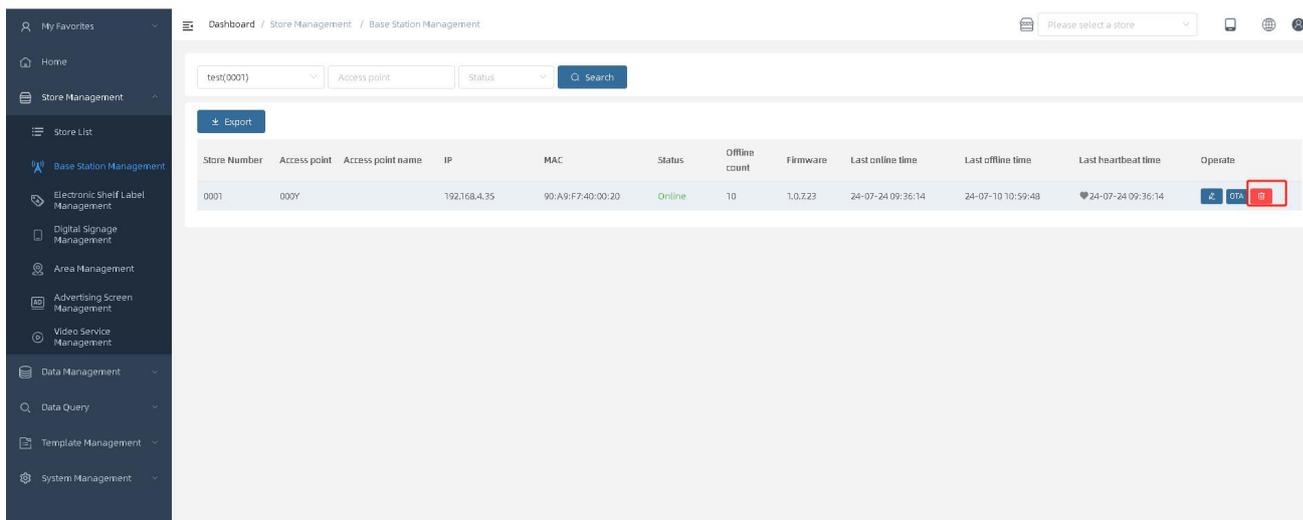
## 5.2.3 Base station OTA

If a new base station version update package has been uploaded, the selected base station can be upgraded to the current version by clicking the OTA button, and the OTA operation requires a second confirmation.



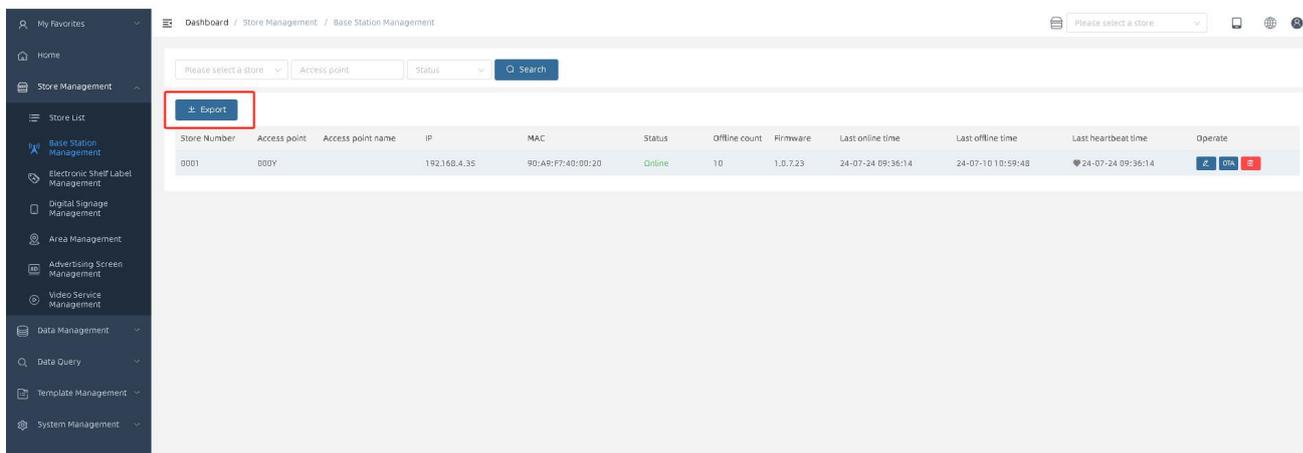
## 5.2.4 Delete base station

You can delete the specified base station by clicking the Delete button, and the deletion operation requires a second confirmation.



### 5.2.5 Export Base Station

Click the Export button to export all the base station information under the current filter conditions.



## 5.3 Electronic price tag Management

### 5.3.1 Add price tag

Click on the Batch Add button to select shops and then batch enter price tag IDs and add price tags to the specified shops.

Dashboard / Store Management / Electronic Shelf Label Management

Please select a store | ESL ID | UPC | ESL type | Binding state | Status | Search

Buttons: Delete, Unbind, Refresh, Flash, **Batch Add**, Import, Export

Store Number	ESL ID	ESL type	UPC	Status	Signal	Temp	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:07:45	Operate
0001	36000000B99F	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:07:00	Operate
0001	36000000B9DA	ET0213-36	100361	idle	100%	26°C	82	000Y	24-07-23 18:06:44	Operate
0001	36000000BA96	ET0213-36	100361	idle	100%	25°C	83	000Y	24-07-23 18:06:47	Operate
0001	36000000BAA9	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Operate
0001	36000000BAA0	ET0213-36	100361	idle	100%	25°C	83	000Y	24-07-23 18:06:42	Operate
0001	36000000BBF1	ET0213-36	100361	idle	100%	26°C	83	000Y	24-07-23 18:06:05	Operate
0001	36000000BBF8	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:44	Operate
0001	36000000BBFE	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:47	Operate
0001	36000000BC5F	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Operate
0001	36000000BCF0	ET0213-36	100361	idle	100%	26°C	82	000Y	24-07-23 18:06:42	Operate
0001	36000000BE71	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:05	Operate
0001	36000000BF64	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:44	Operate
0001	36000000C3DE	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Operate

Dashboard / Store Management / Electronic Shelf Label Management

Please select a store | ESL ID | UPC | ESL type | Binding state | Status | Search

Buttons: Delete, Unbind, Refresh, Flash, **Batch Add**, Import, Export

**Bulk Add**

\* Store Number: test(0001)

\* Import Price Tags

Buttons: Cancel, Confirm

### 5.3.2 Check price tag

You can quickly get the price tag you need to search according to the shop number, price tag ID, bound product UPC, price tag type, bound status, and price tags tag status.

Store Number	ESL ID	ESL type	UPC	Status	Signal	Temp	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:07:45	Refresh, Delete
0001	36000000B9F9	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:07:00	Refresh, Delete
0001	36000000B9DA	ET0213-36	100361	idle	100%	26°C	82	000Y	24-07-23 18:06:44	Refresh, Delete
0001	36000000BA96	ET0213-36	100361	idle	100%	25°C	83	000Y	24-07-23 18:06:47	Refresh, Delete
0001	36000000BA9A	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Refresh, Delete
0001	36000000BA9D	ET0213-36	100361	idle	100%	25°C	83	000Y	24-07-23 18:06:42	Refresh, Delete
0001	36000000BBF1	ET0213-36	100361	idle	100%	26°C	83	000Y	24-07-23 18:06:05	Refresh, Delete
0001	36000000BBF8	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:44	Refresh, Delete
0001	36000000BBFE	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:47	Refresh, Delete
0001	36000000BC5F	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Refresh, Delete
0001	36000000BCF0	ET0213-36	100361	idle	100%	26°C	82	000Y	24-07-23 18:06:42	Refresh, Delete
0001	36000000BE71	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:05	Refresh, Delete
0001	36000000BF64	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:44	Refresh, Delete
0001	36000000C3DE	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Refresh, Delete
0001	36000000C644	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:42	Refresh, Delete
0001	36000000C84D	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:05	Refresh, Delete

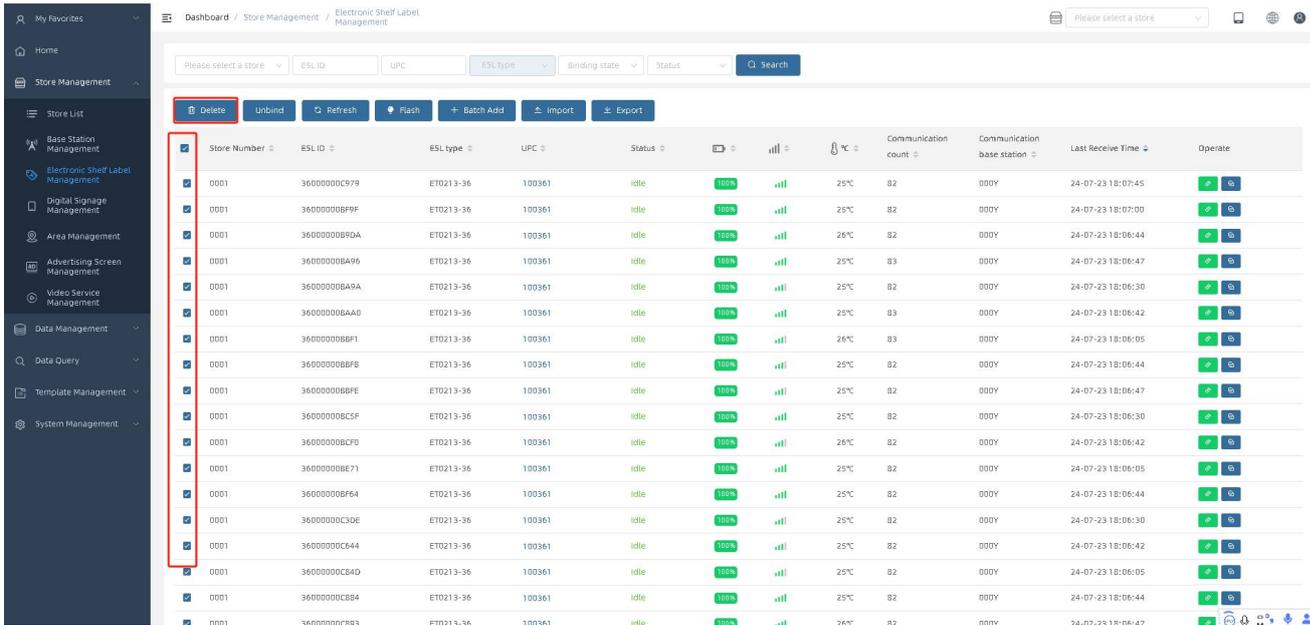
### 5.3.3 Refresh price tag

Tick the price tags that need to be refreshed at the bottom of the list of electronic price tags and click the Refresh button to refresh the price tags in batch, and the latest status information of the price tags will be displayed after refreshing.

Store Number	ESL ID	ESL type	UPC	Status	Signal	Temp	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:07:45	Refresh, Delete
0001	36000000B9F9	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:07:00	Refresh, Delete
0001	36000000B9DA	ET0213-36	100361	idle	100%	26°C	82	000Y	24-07-23 18:06:44	Refresh, Delete
0001	36000000BA96	ET0213-36	100361	idle	100%	25°C	83	000Y	24-07-23 18:06:47	Refresh, Delete
0001	36000000BA9A	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Refresh, Delete
0001	36000000BA9D	ET0213-36	100361	idle	100%	25°C	83	000Y	24-07-23 18:06:42	Refresh, Delete
0001	36000000BBF1	ET0213-36	100361	idle	100%	26°C	83	000Y	24-07-23 18:06:05	Refresh, Delete
0001	36000000BBF8	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:44	Refresh, Delete
0001	36000000BBFE	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:47	Refresh, Delete
0001	36000000BC5F	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Refresh, Delete
0001	36000000BCF0	ET0213-36	100361	idle	100%	26°C	82	000Y	24-07-23 18:06:42	Refresh, Delete
0001	36000000BE71	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:05	Refresh, Delete
0001	36000000BF64	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:44	Refresh, Delete
0001	36000000C3DE	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:30	Refresh, Delete
0001	36000000C644	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:42	Refresh, Delete
0001	36000000C84D	ET0213-36	100361	idle	100%	25°C	82	000Y	24-07-23 18:06:05	Refresh, Delete

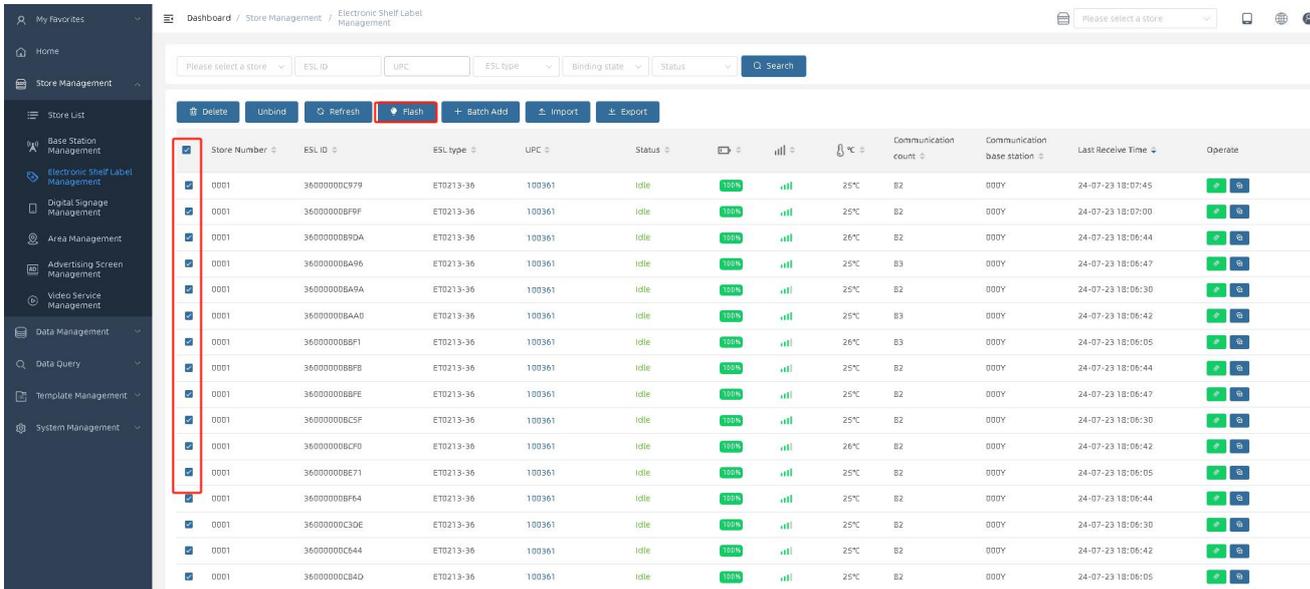
### 5.3.4 Delete price tag

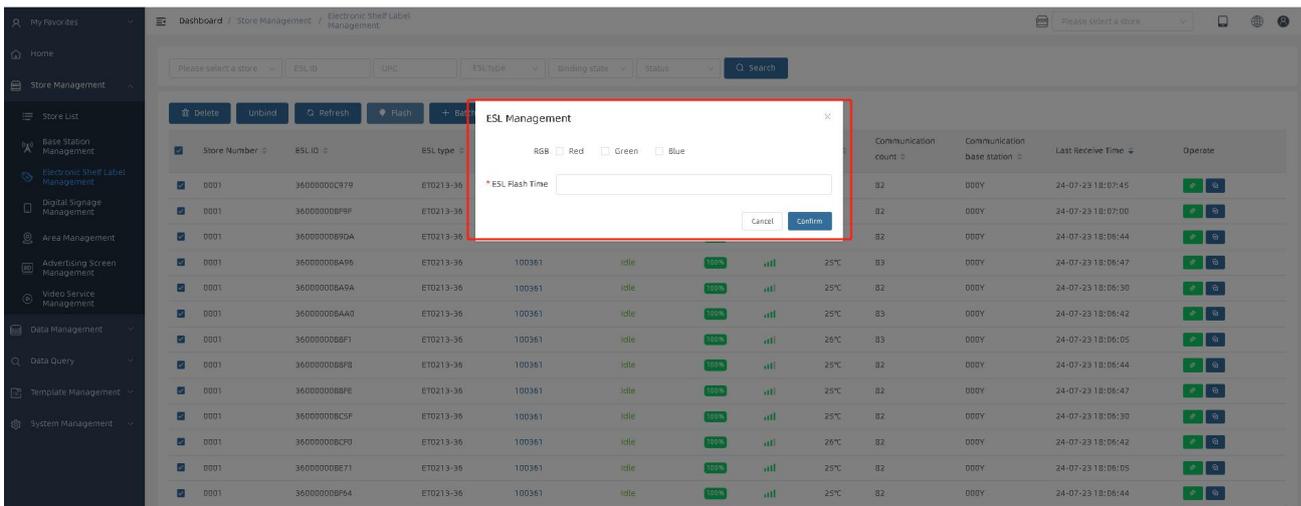
Tick the price tags that need to be deleted below the list of electronic price tags and click the Delete button to delete the price tags in batches.



### 5.3.5 price tag flash

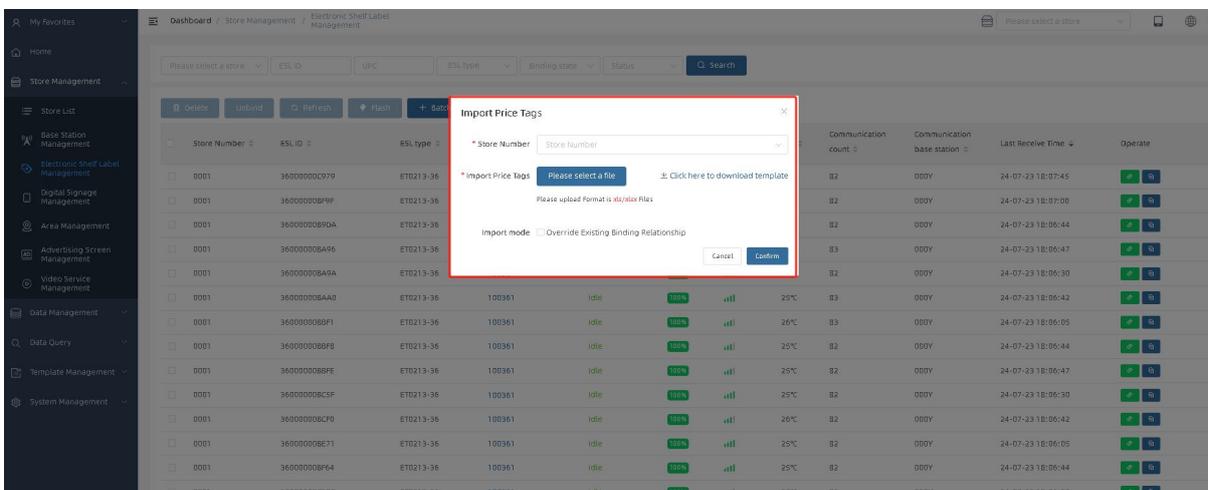
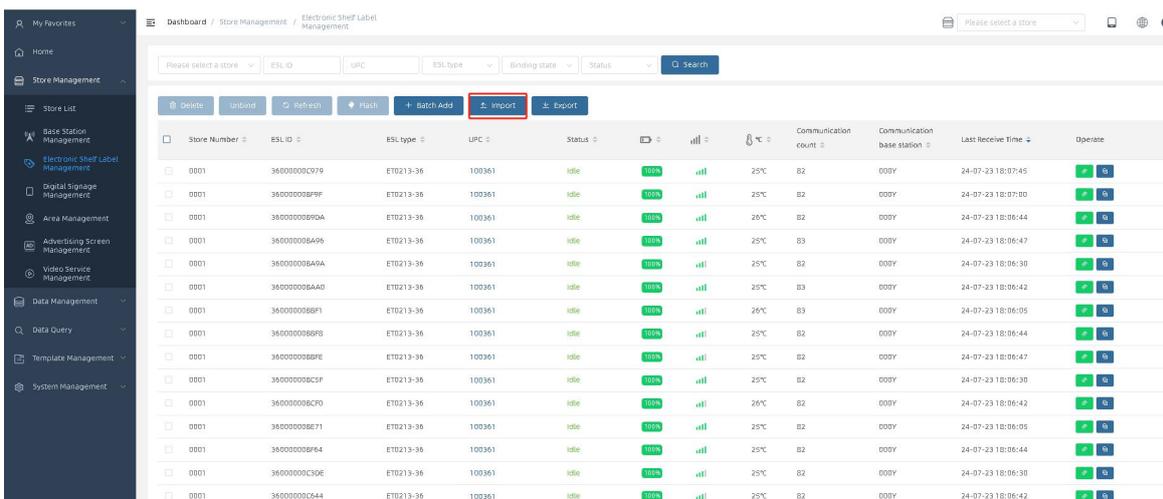
After ticking the price tags that need to flash under the list of electronic price tags and clicking the flash button, you can set the color and duration of the flashing light of the price tags in batch, which is convenient for users to locate the price tags quickly.



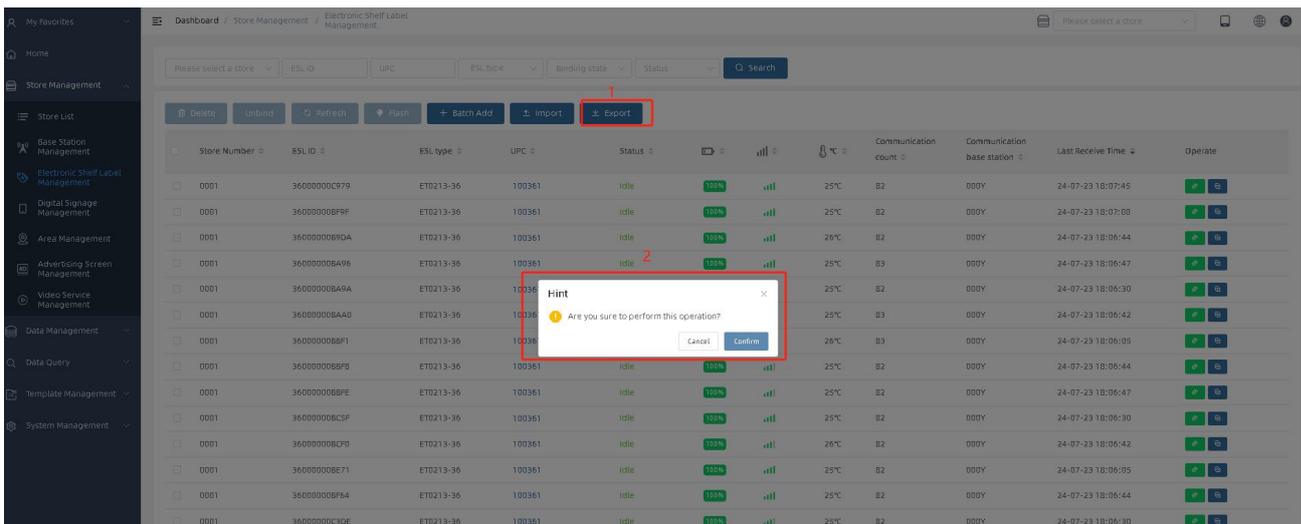


### 5.3.6 Price tag import and export

Click the Import button to select the specified shop to upload the price tag Excel file to import the price tag and the binding relationship between the price tag and the product, tick to override the existing binding relationship will be based on the latest price tag binding relationship in the file.

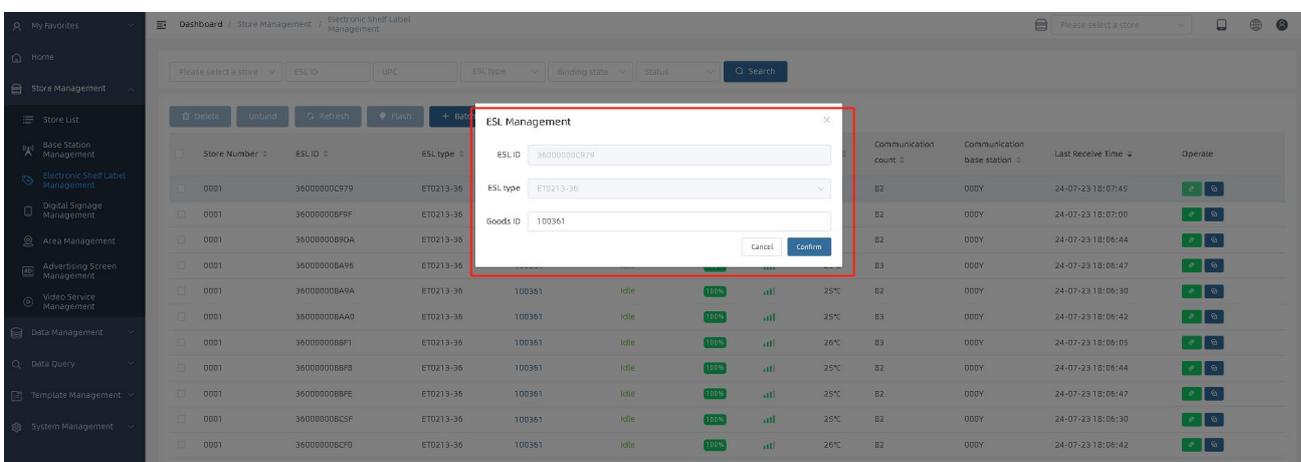
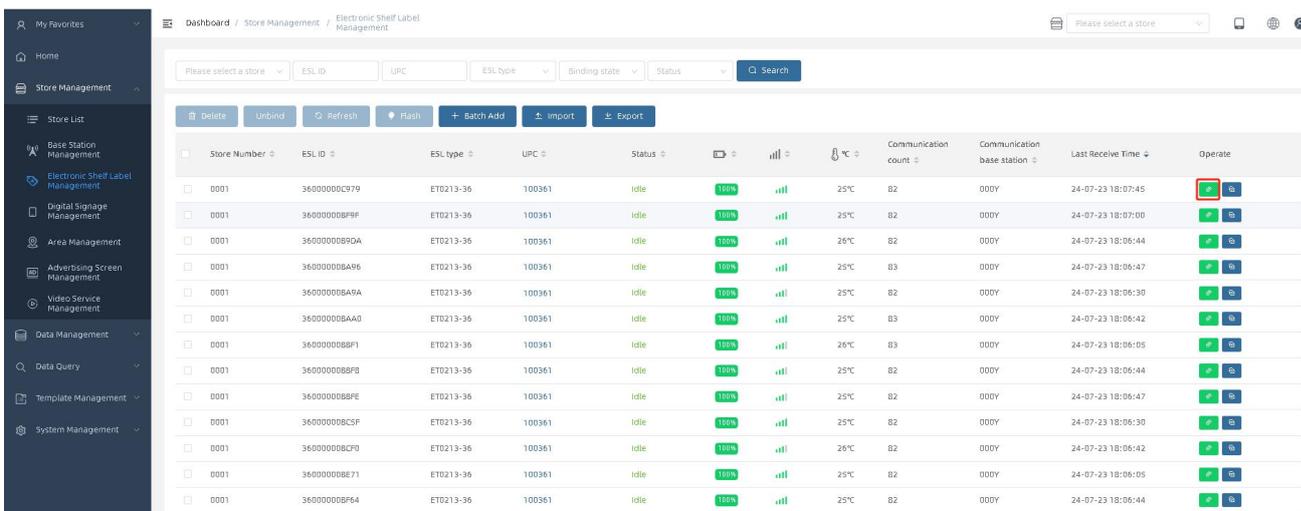


Click the Export button to export all price tag and price tag binding relationship data.

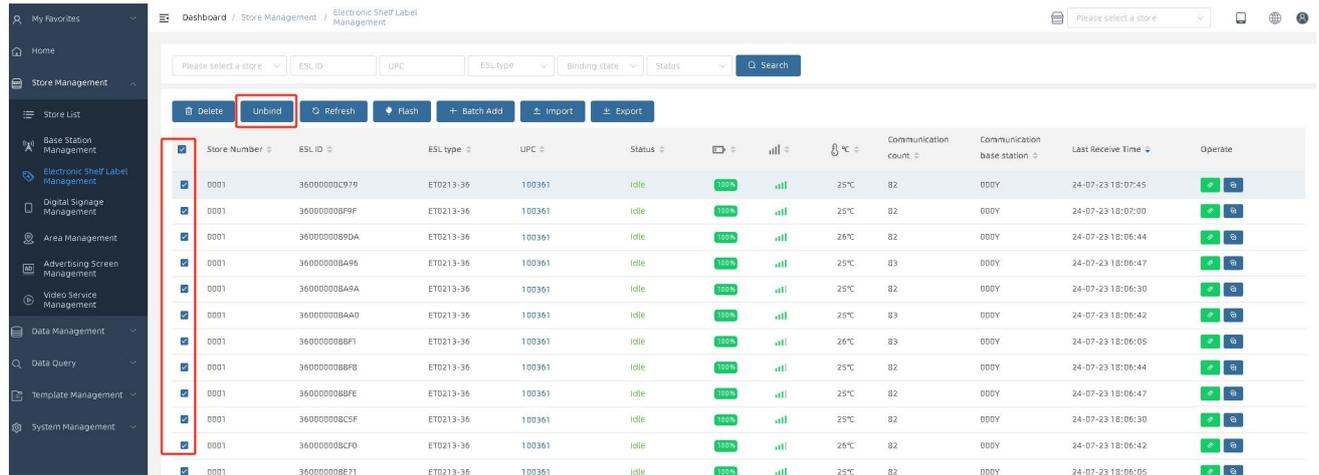


### 5.3.7 Product Binding and Unbinding

Click on the corresponding price tag line of the binding button, and enter the product UPC can be bound to the product (you need to add product information in the system product management module), if the price tag is bound to a multi-product template, you need to enter more than one product UPC binding.

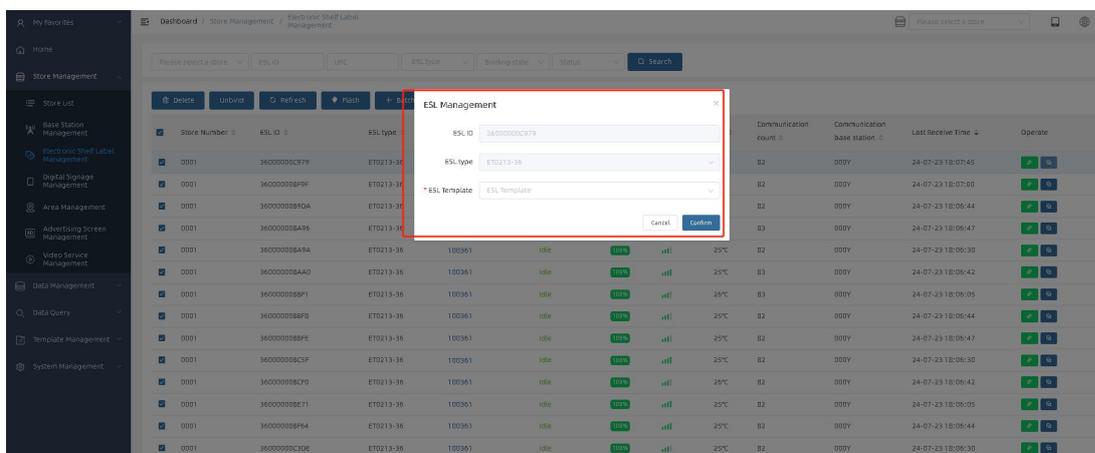
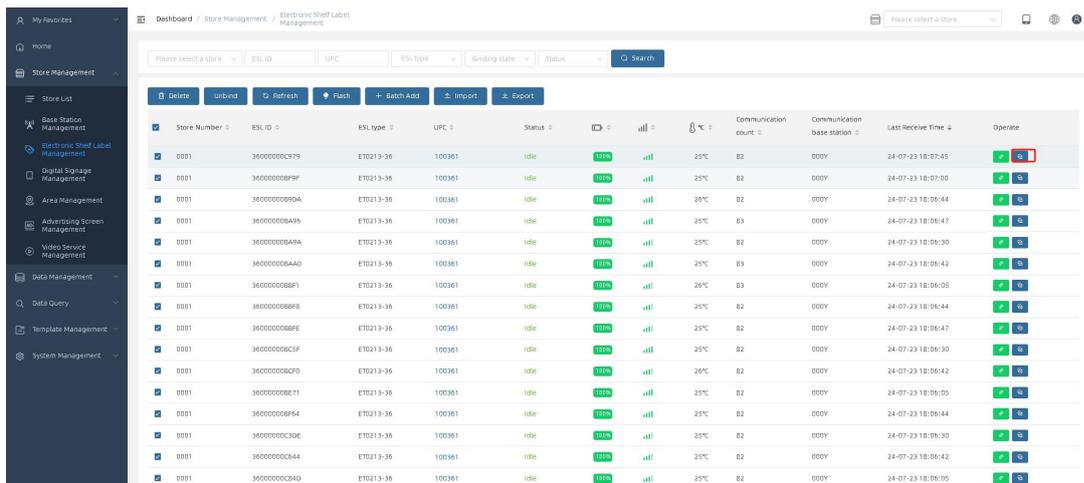


Tick the labels that need to be unbound in the list of electronic price tags and click the Unbind button to batch unbind the products.



### 5.3.8 Combine Template Binding

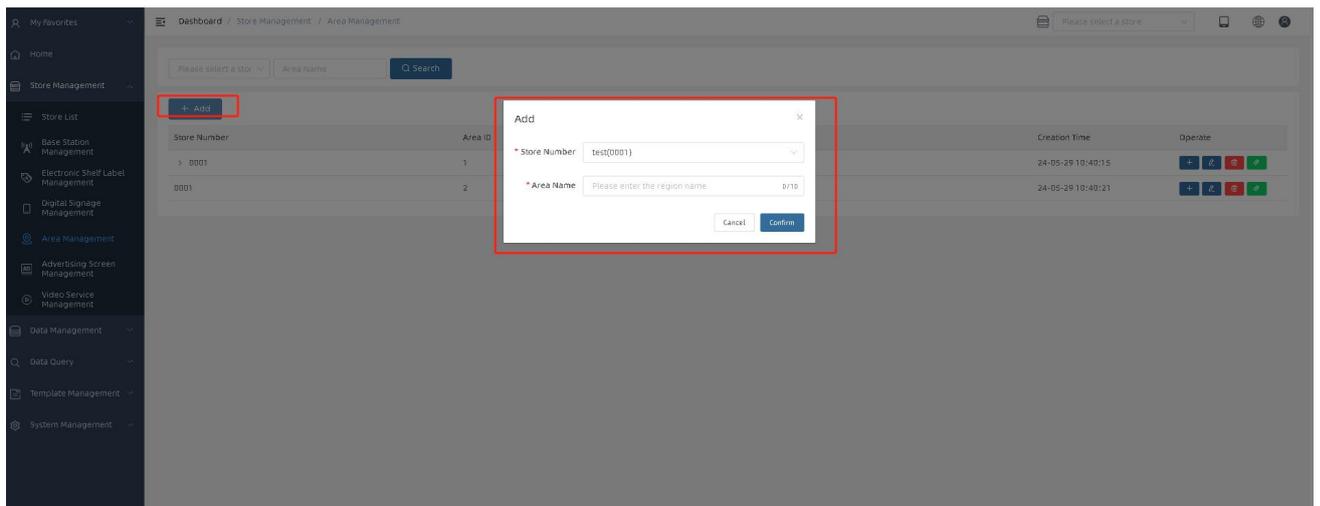
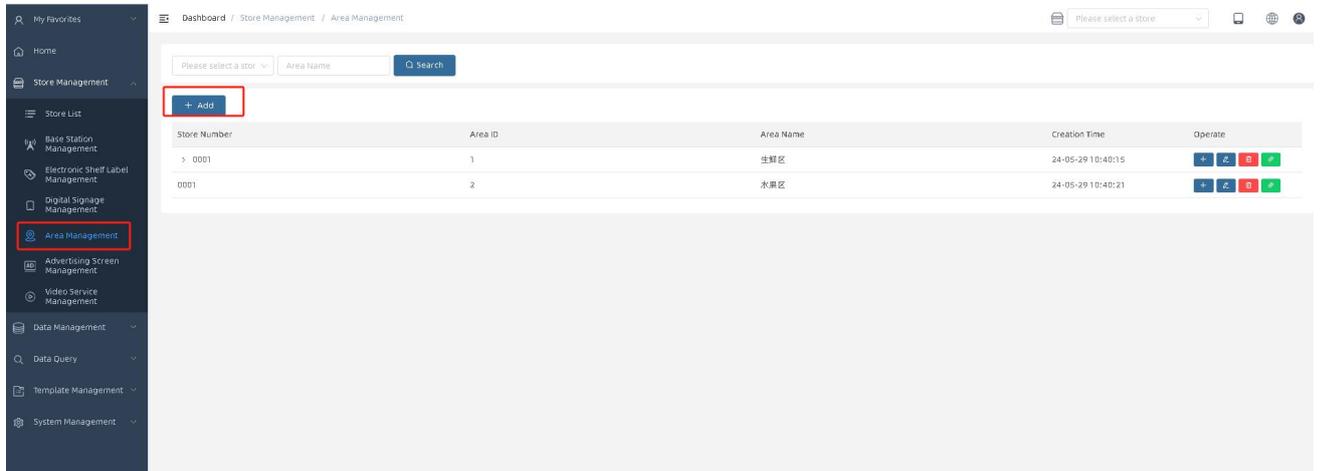
When the price tag needs to be bound to more than one product, you need to use the combination binding and click the combination binding button to select the multiple product templates that the price tag needs to be bound to.



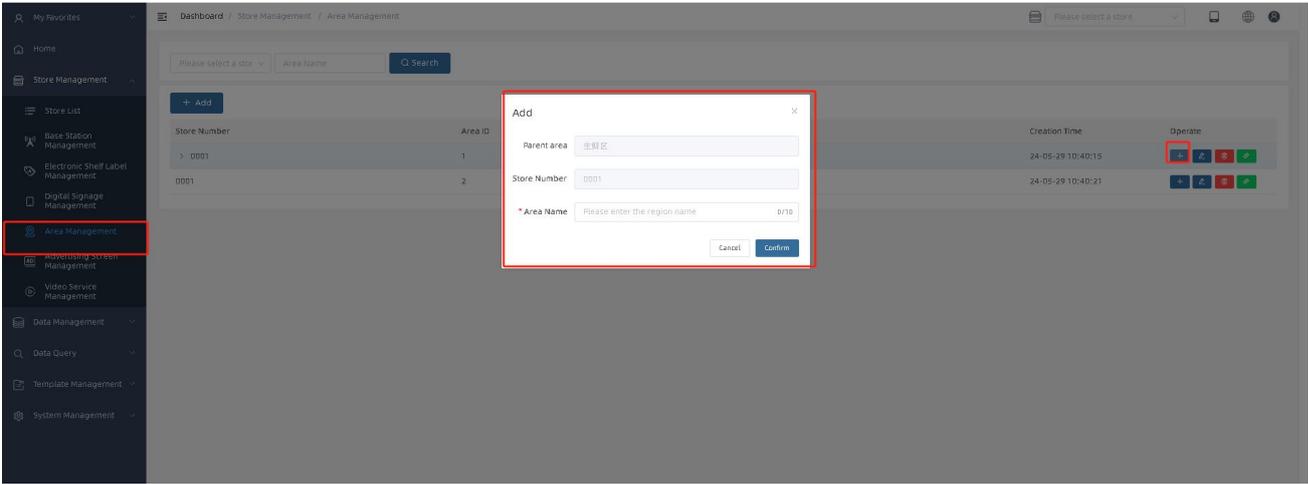
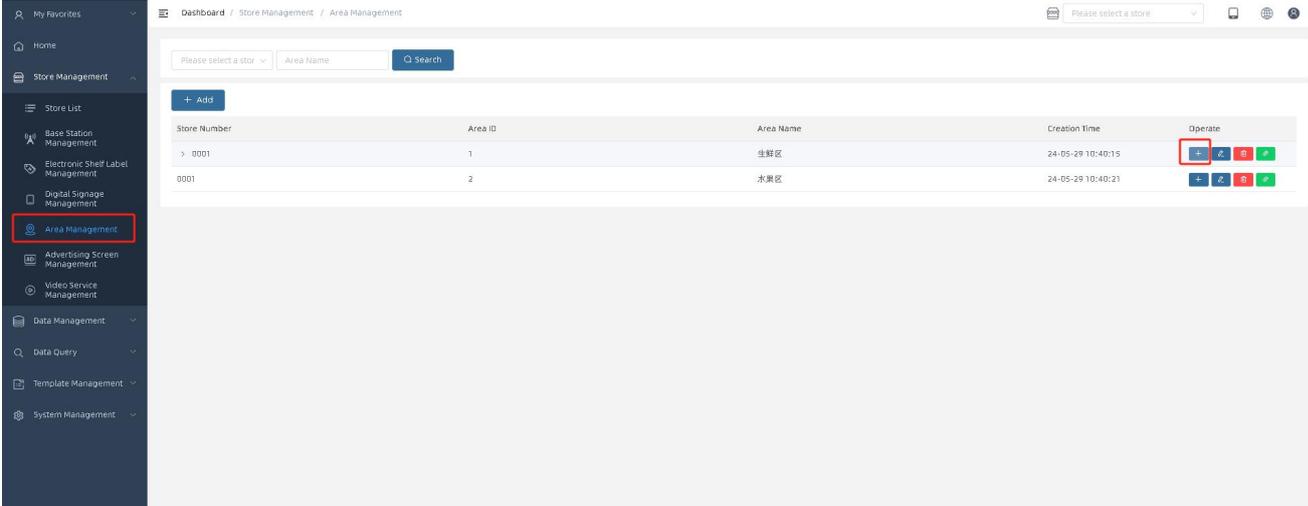
## 5.5 Area Management

### 5.5.1 Adding Area and Sub-Area

Click on the Add button to create a new area for the specified shop. The area can be used to manage the partition to which the price tag belongs.

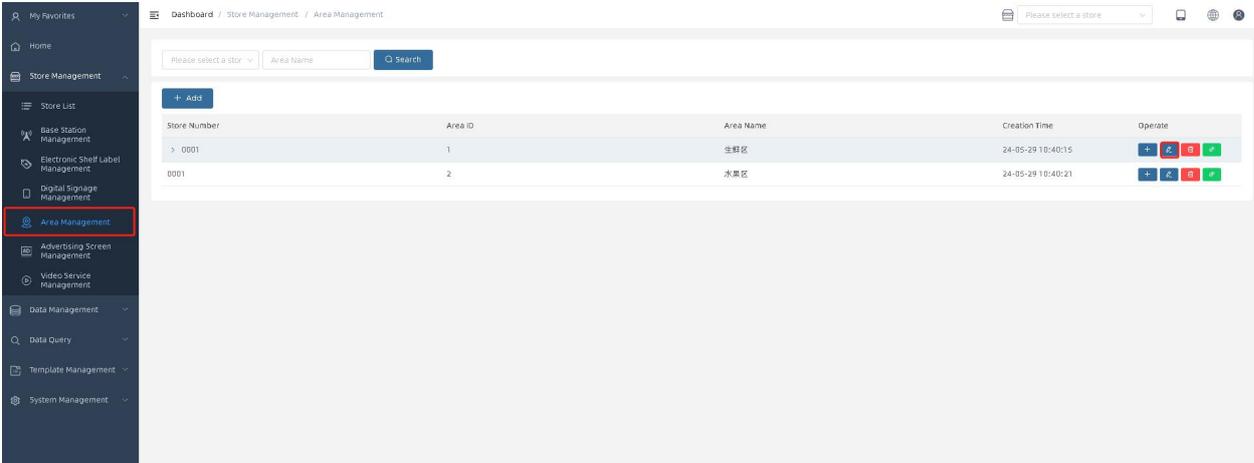


Child areas can be added under the parent area by clicking the Add button corresponding to that area.



### 5.5.2 Edit area

You can edit the shop to which the area belongs and the name of the area by clicking the Edit button corresponding to the area.



## 5.5.3 Delete area

Click the Delete button to delete the specified area

Dashboard / Store Management / Area Management

Please select a store

Please select a store Area Name Search

+ Add

Store Number	Area ID	Area Name	Creation Time	Operate
0001	1	生鲜区	24-05-29 10:40:15	+ - [Delete] +
0001	2	水果区	24-05-29 10:40:21	+ - [Delete] +

My Favorites

Home

Store Management

Store List

Base Station Management

Electronic Shelf Label Management

Digital Signage Management

Area Management

Advertising Screen Management

Video Service Management

Data Management

Data Query

Template Management

System Management

## 6 Data management

### 6.1 Product Management

#### 6.1.1 Custom List

Click the List Settings button to freely set the product fields that the list wants to display.

Dashboard / Data Management / Product Management

Please select a store

Please select a store Goods Code Goods Name UPC Template Type Search

+ Add + Import + Export + Bind + Export Resource Binding + Import Resource Binding

Store	Goods Name	Goods Code	Template	UPC			
0001	大平超群11	100010	REG	100010,4589484761233			
0001	118g开心果	100005	REG	100005,6930044166209			
0001	爱德福综合乳饮品	10	REG	10,40338576	24-07-23 10:05:39		
0001	四季宝颗粒花生酱	100	REG	100,2100010000002	24-07-23 10:05:39		
0001	黄冰糖	100361	REG	100361,6934840931117	24-07-23 10:05:39		
0001	奶香味冰淇凌	100543	REG	100543,4902880343254	24-07-23 10:05:39		
0001	888	10101010	REG	10101010,2020020	24-07-22 13:43:32		
0001	AAA	07564331	REG	07564331,3346670	24-07-22 10:30:29		
0001	60g烤鱼片	100001	REG	100001,6930044167336	24-07-18 23:10:47		
0001	蒙恬蜜莓干	100391	REG	100391,6934840961664	24-07-17 13:38:59		
0001	核桃泥4.0多员碗	102406	REG	102406,4589892550049	24-07-17 13:28:53		
0001	阮家磨小米奇饼干	1366	REG	1366,8412674104038	24-07-16 15:52:38		
0001	生菓300g	102048	REG	102048,2110204800004	24-07-16 15:47:34		
0001	核桃糖酥片(海苔)	102021	REG	102021,8977789990659	24-07-16 14:57:03		
0001	蜜桃原料	102010	REG	102010,2303164700011	24-07-16 14:57:03		

My Favorites

Home

Store Management

Data Management

Product Management

Scheduled Task

Material Management

Shelf Management

Data Query

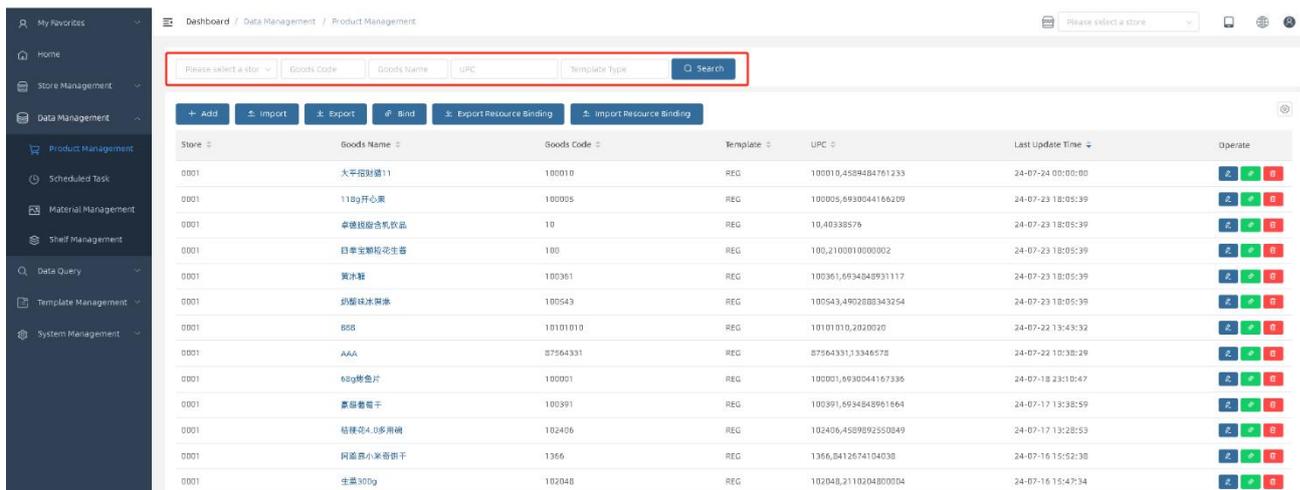
Template Management

System Management

门店号 门店名称 地址 电话 平担电话  
 地址码 商品编码 商品名称 商品短名称 条码  
 部门 规格 单位 产地 零售价  
 正单价 促销标识 促销开始时间 促销结束时间 促销原因  
 会员价 等级

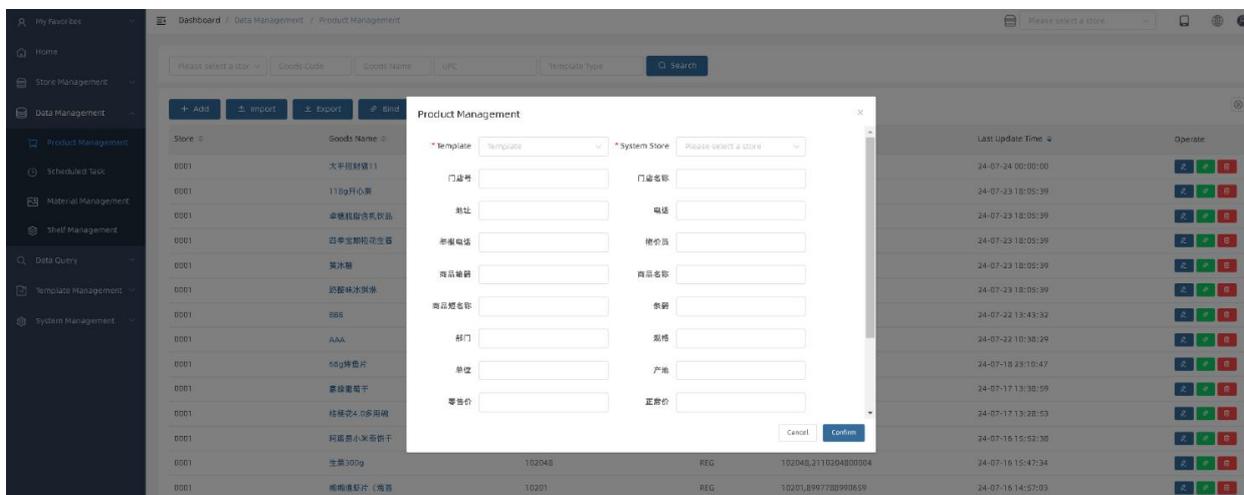
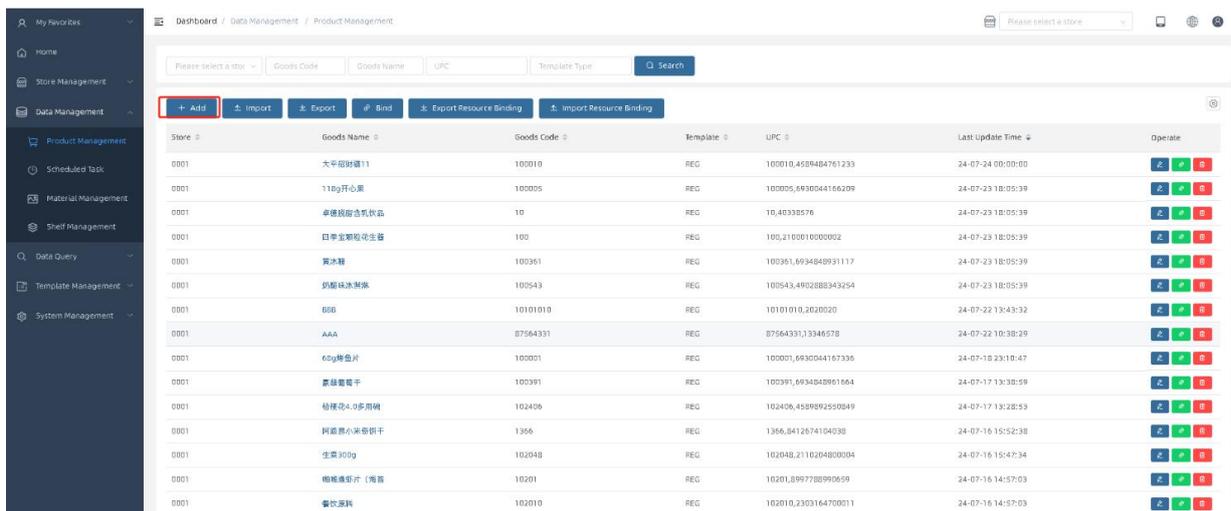
#### 6.1.2 Enquiry Product

You can quickly retrieve the product information you want to search by shop, product code, product name, product UPC, and template type.



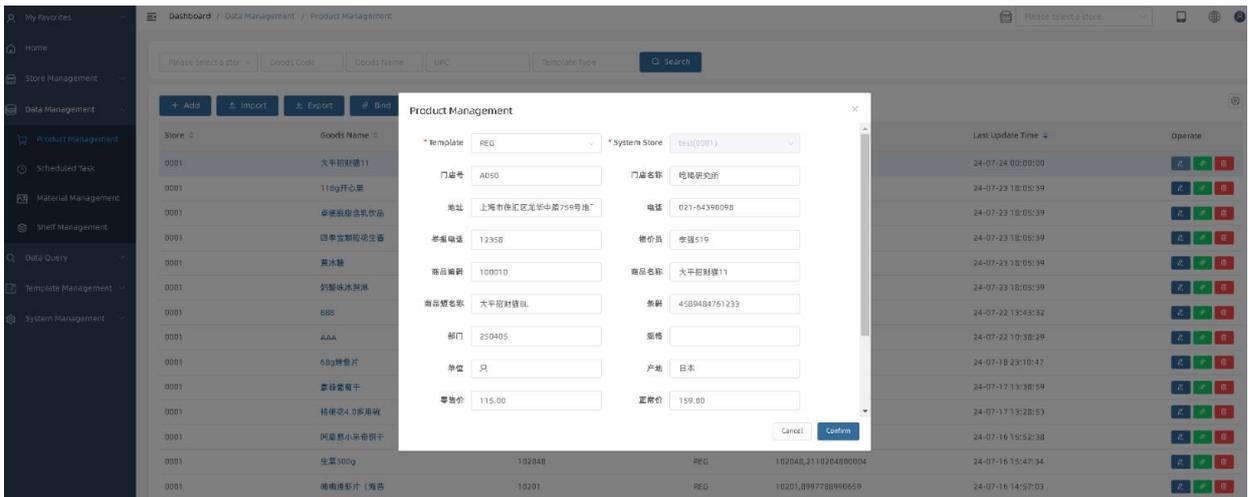
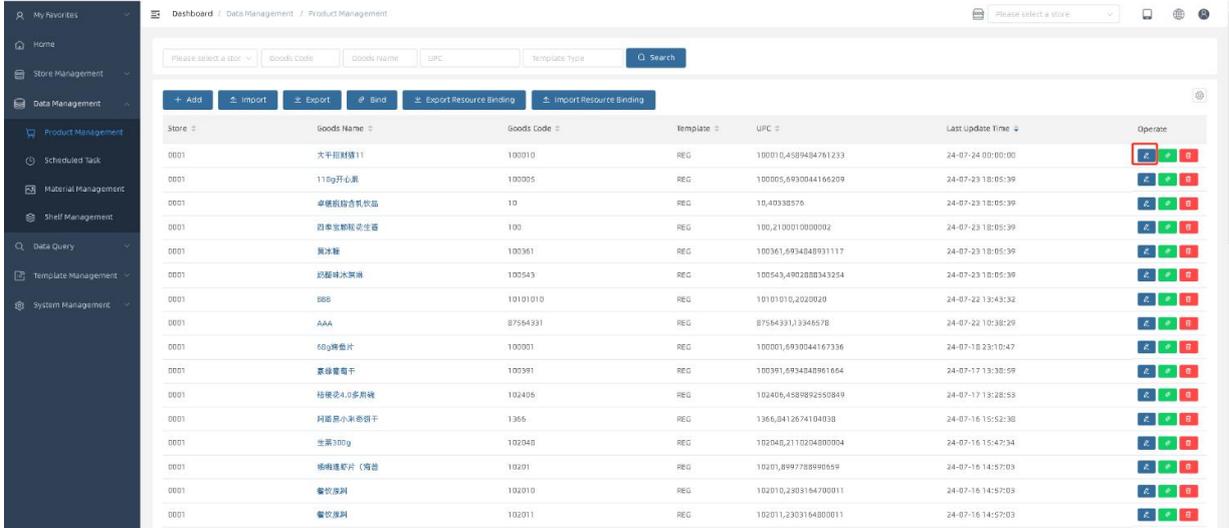
### 6.1.3 Add Product

Click the Add button and enter the product information to add products to the specified shop (product fields need to be configured in the initialization of the system), where the template type and shop name must be selected.



### 6.1.4 Edit Product

Product information can be modified by clicking the Edit button corresponding to the product, shop information cannot be modified.



The screenshot shows the 'Product Management' section of the ESL System. The interface includes a sidebar with navigation options like Home, Store Management, Data Management, Product Management, Scheduled Task, Material Management, Shelf Management, Data Query, Electronic Shelf Label Communication Log, Digital Signage Communication Log, Data Synchronization Log, System Log Query, Template Management, and System Management. The main content area displays a table of products with columns for Store, Goods Name, Goods Code, Template, UPC, Last Update Time, and Operate. The 'Operate' column contains icons for Edit, Add, and Delete. A red box highlights the Delete icon for the first product, '大平招财猫33'.

Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	大平招财猫33	100010	REG	100010,4589484761233	24-07-24 12:00:00	[Edit] [Add] [Delete]
0001	118g开心果	100005	REG	100005,6930044166209	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	卓德玛玛含乳饮品	10	REG	10,40338576	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	四季宝燕麦花生酱	100	REG	100,2100010000002	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	黄冰糖	100361	REG	100361,6934848931117	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	奶糖味冰淇淋	100543	REG	100543,4902888343254	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	BBB	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Edit] [Add] [Delete]
0001	AAA	87564331	REG	87564331,13346578	24-07-22 10:38:29	[Edit] [Add] [Delete]
0001	68g烤鱼片	100001	REG	100001,6930044167336	24-07-18 23:10:47	[Edit] [Add] [Delete]
0001	康益葡萄干	100391	REG	100391,6934848961664	24-07-17 13:38:59	[Edit] [Add] [Delete]
0001	桔梗花4.0多用碗	102406	REG	102406,4589892550849	24-07-17 13:28:53	[Edit] [Add] [Delete]

## 6.1.5 Delete Product

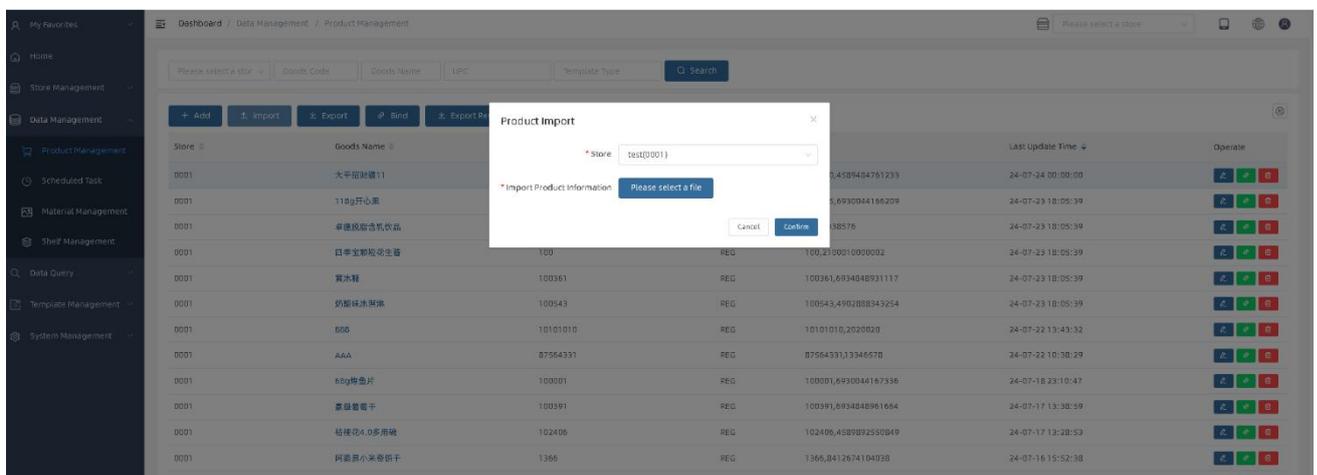
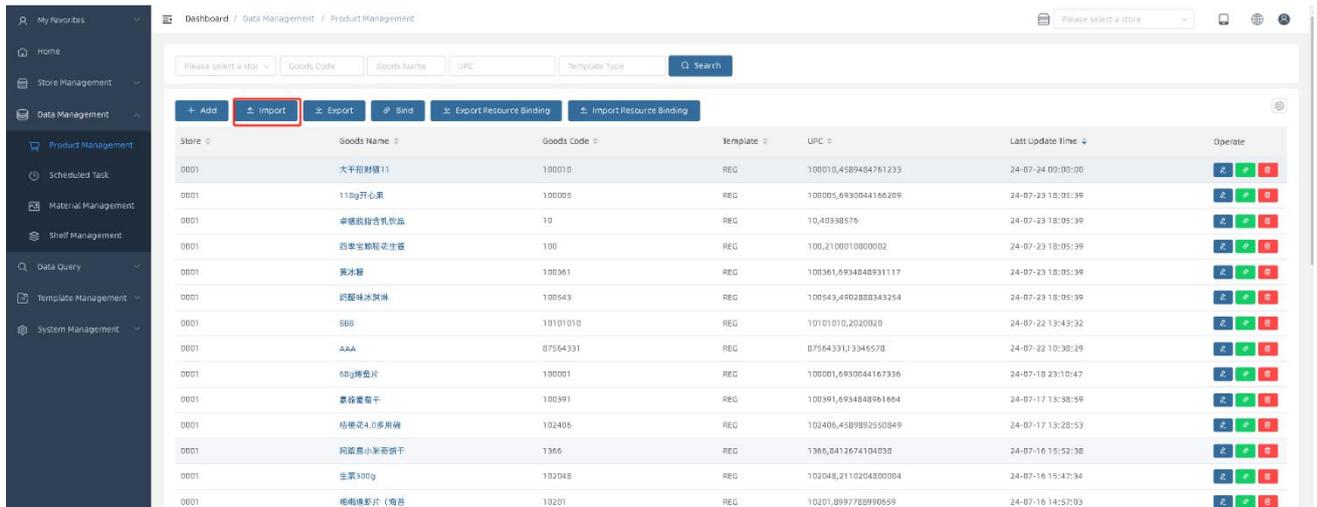
Click the Delete button to delete the specified product.

The screenshot shows the 'Product Management' section of the ESL System. The interface includes a sidebar with navigation options like My Favorites, Home, Store Management, Data Management, Product Management, Scheduled Task, Material Management, Shelf Management, Data Query, Template Management, and System Management. The main content area displays a table of products with columns for Store, Goods Name, Goods Code, Template, UPC, Last Update Time, and Operate. The 'Operate' column contains icons for Edit, Add, and Delete. A red box highlights the Delete icon for the first product, '大平招财猫11'.

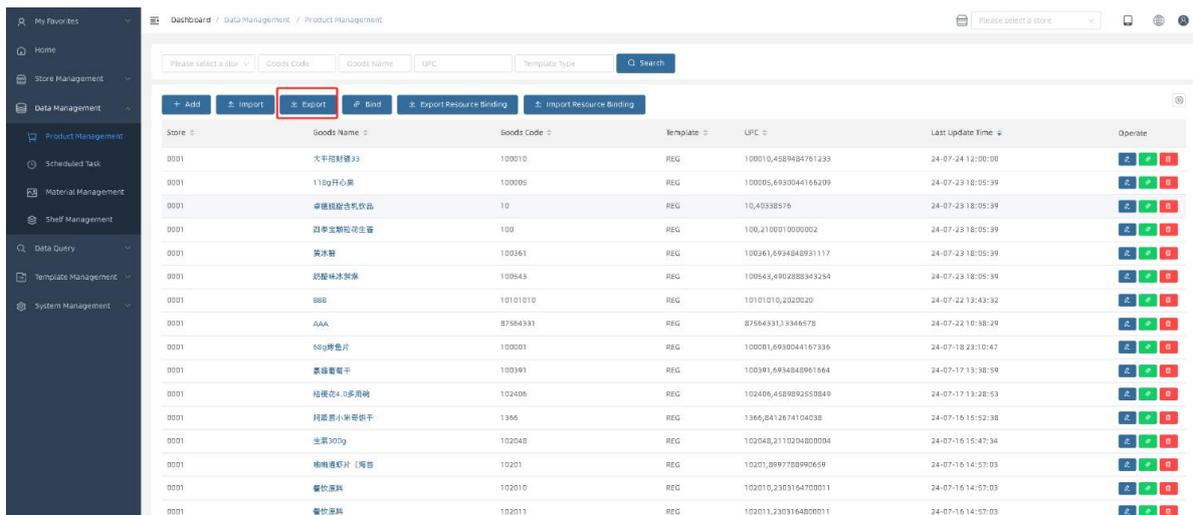
Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	大平招财猫11	100010	REG	100010,4589484761233	24-07-24 00:00:00	[Edit] [Add] [Delete]
0001	118g开心果	100005	REG	100005,6930044166209	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	卓德玛玛含乳饮品	10	REG	10,40338576	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	四季宝燕麦花生酱	100	REG	100,2100010000002	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	黄冰糖	100361	REG	100361,6934848931117	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	奶糖味冰淇淋	100543	REG	100543,4902888343254	24-07-23 18:05:39	[Edit] [Add] [Delete]
0001	BBB	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Edit] [Add] [Delete]
0001	AAA	87564331	REG	87564331,13346578	24-07-22 10:38:29	[Edit] [Add] [Delete]
0001	68g烤鱼片	100001	REG	100001,6930044167336	24-07-18 23:10:47	[Edit] [Add] [Delete]
0001	康益葡萄干	100391	REG	100391,6934848961664	24-07-17 13:38:59	[Edit] [Add] [Delete]
0001	桔梗花4.0多用碗	102406	REG	102406,4589892550849	24-07-17 13:28:53	[Edit] [Add] [Delete]
0001	阿雷吉小茶寄饼干	1366	REG	1366,6412674104038	24-07-16 15:52:38	[Edit] [Add] [Delete]
0001	生菓300g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Edit] [Add] [Delete]
0001	梅梅通野片(梅吉)	10201	REG	10201,8997789990659	24-07-16 14:57:03	[Edit] [Add] [Delete]
0001	薯软饮料	102010	REG	102010,230316470011	24-07-16 14:57:03	[Edit] [Add] [Delete]

## 6.1.6 Product Import and Export

Click the Import button to select a shop and upload the product information file to import the products into the designated shop.

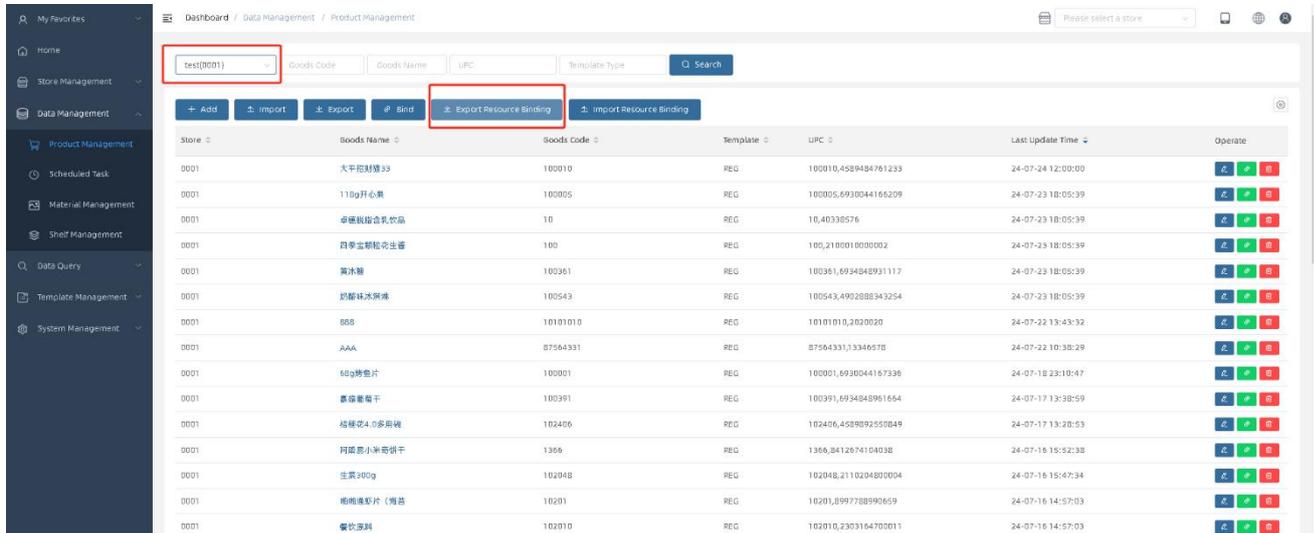


Select the shop data you want to export and click the Export button to export all the product information under that shop.

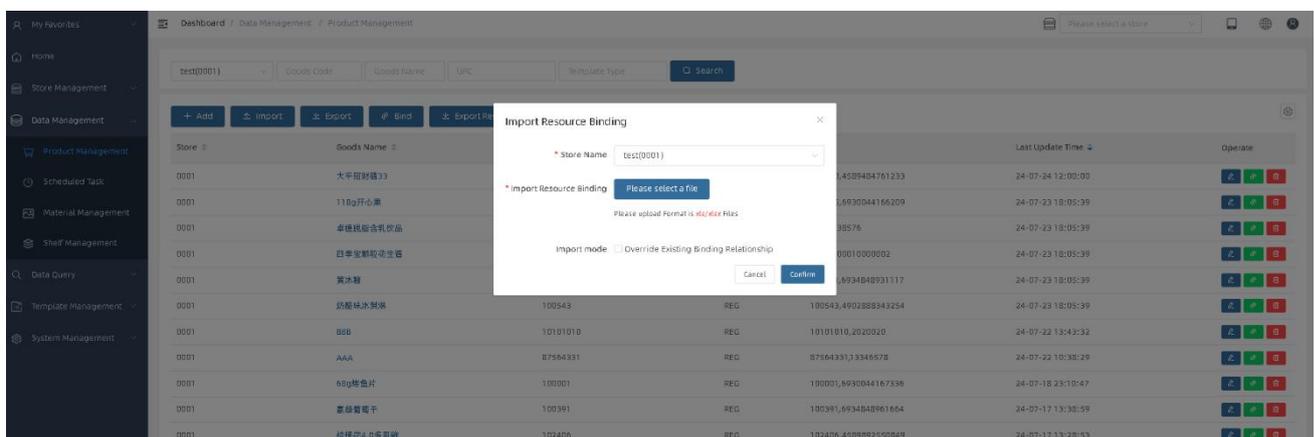
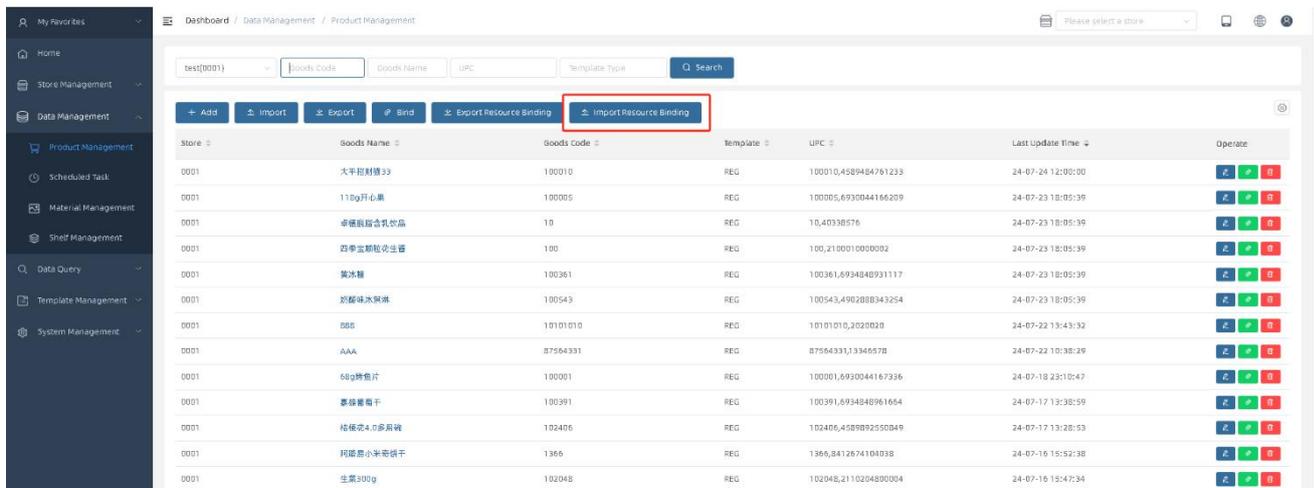


### 6.1.9 Import and export clip bind

Select the shop you want to export and click the Export Material Bindings button to export the material and product bindings for that shop.



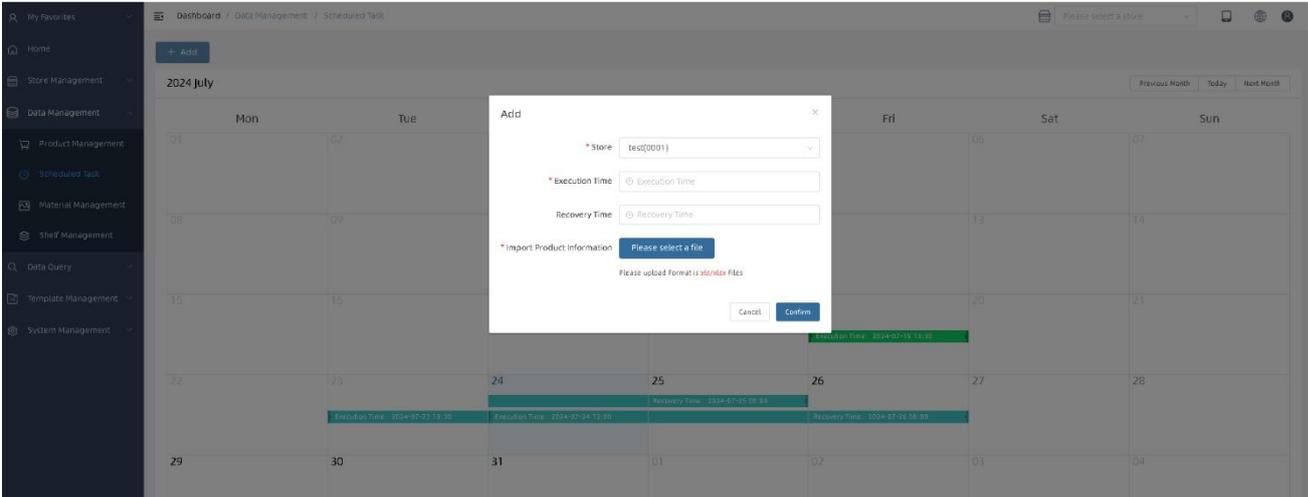
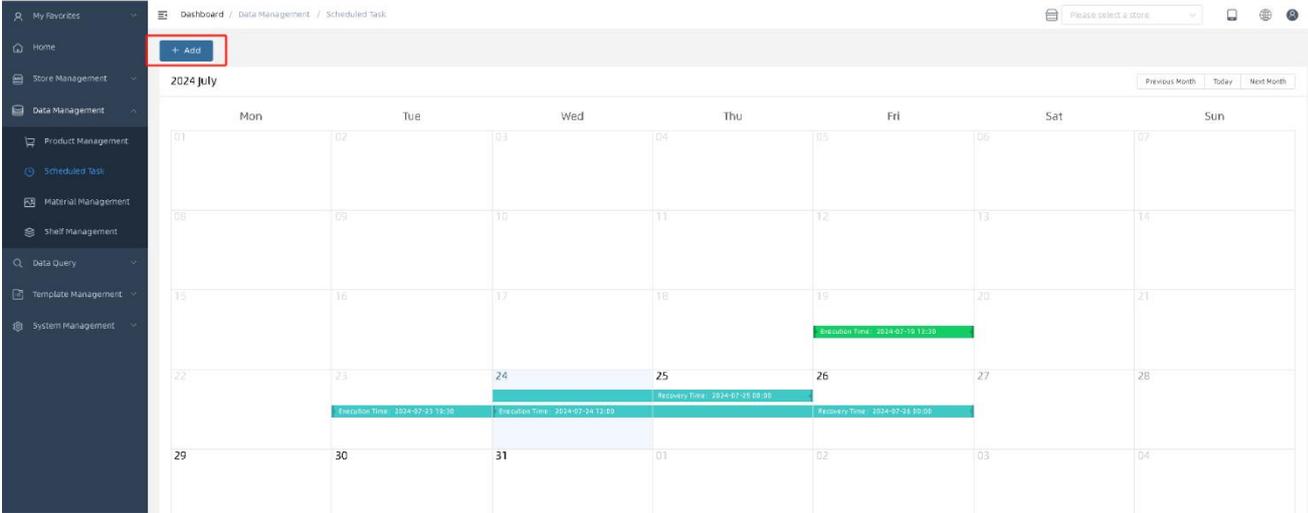
Click the Import Material Binding button, you can select the bind relationship between the shop's imported products and materials.



## 6.2 Plan Task

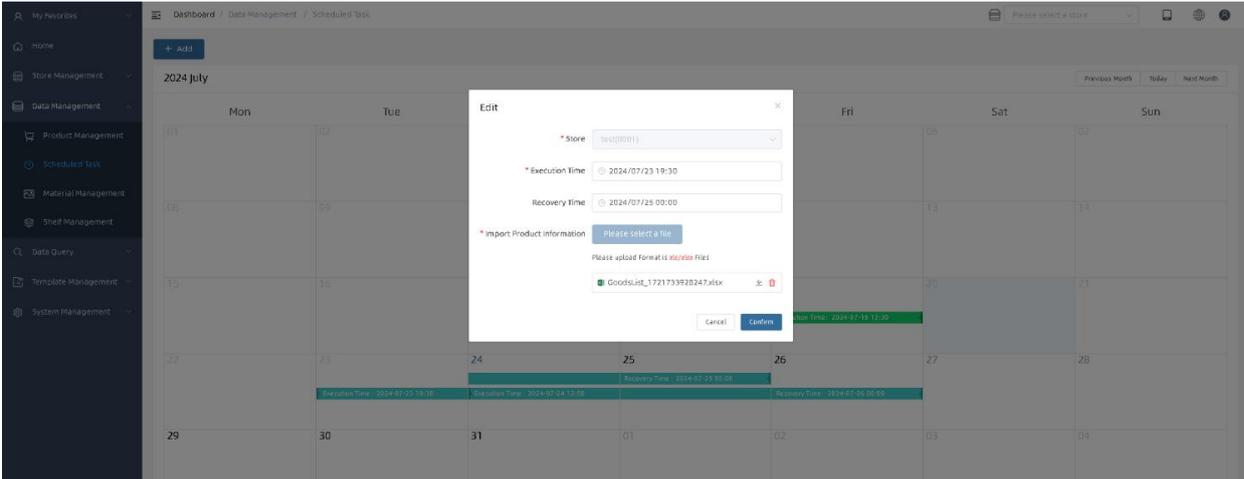
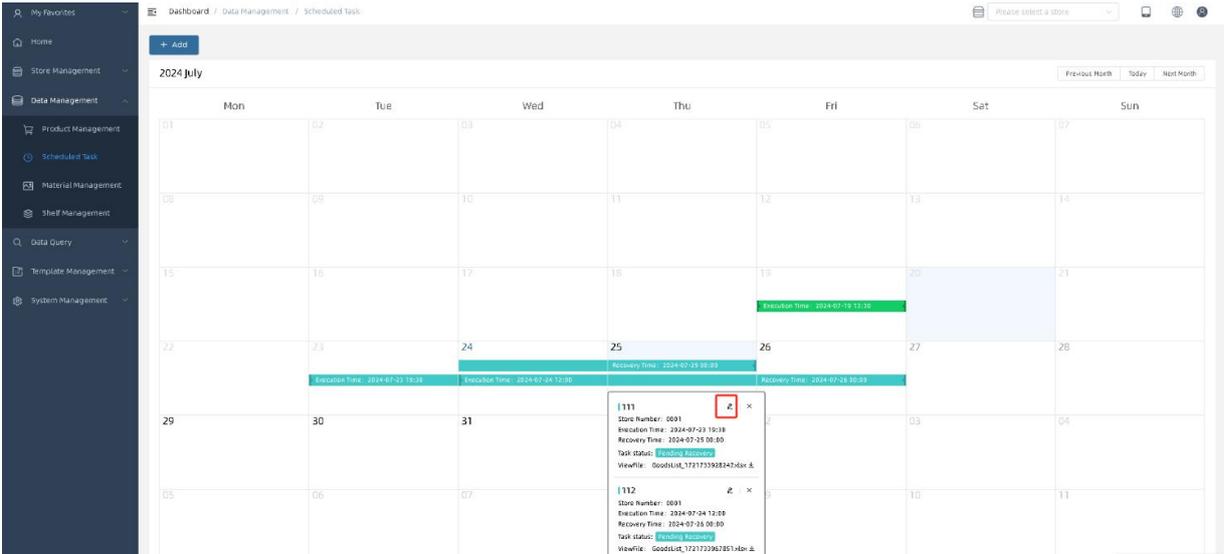
### 6.2.1 Add Task

Click the Add button to add a scheduled task for merchandise information change to the specified shop. The task will change the merchandise information at the specified time and restore the merchandise information at the specified time.



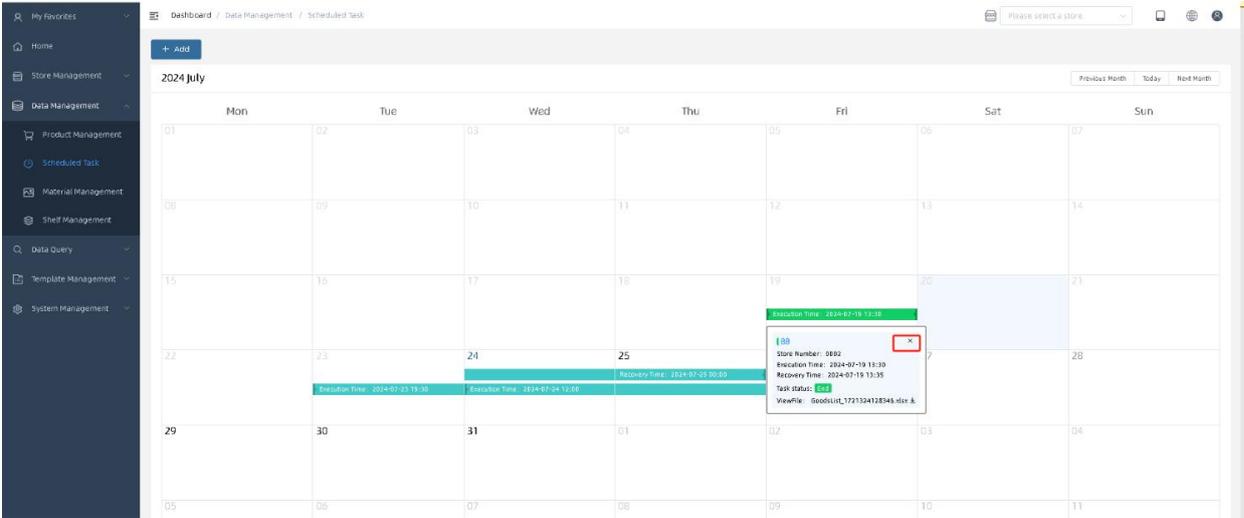
### 6.2.2 Modify Task

You can modify the task execution time and recovery time by clicking the Edit button for tasks that have not been started.



### 6.2.3 Delete Task

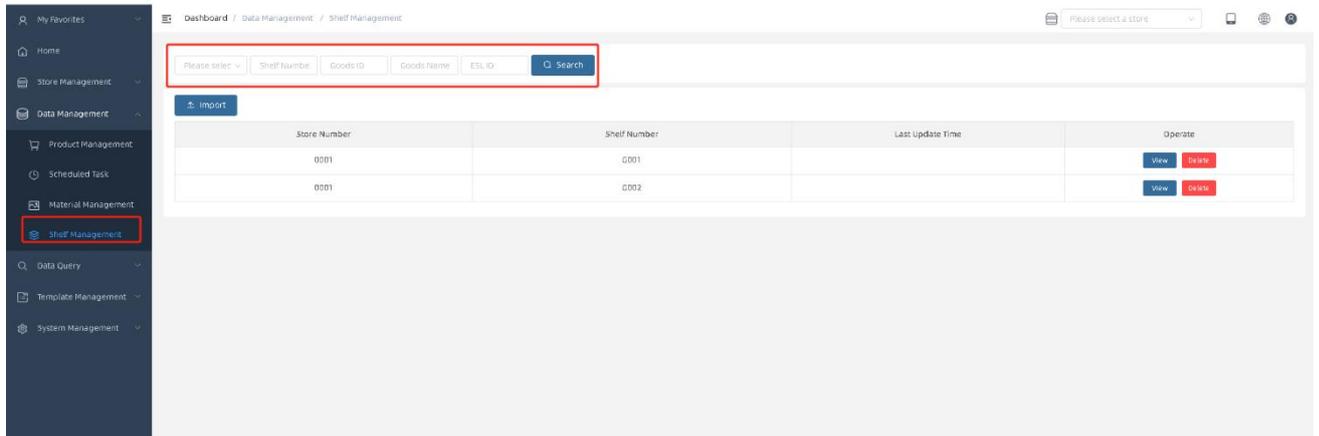
A task not started can be deleted directly by clicking the Delete button.



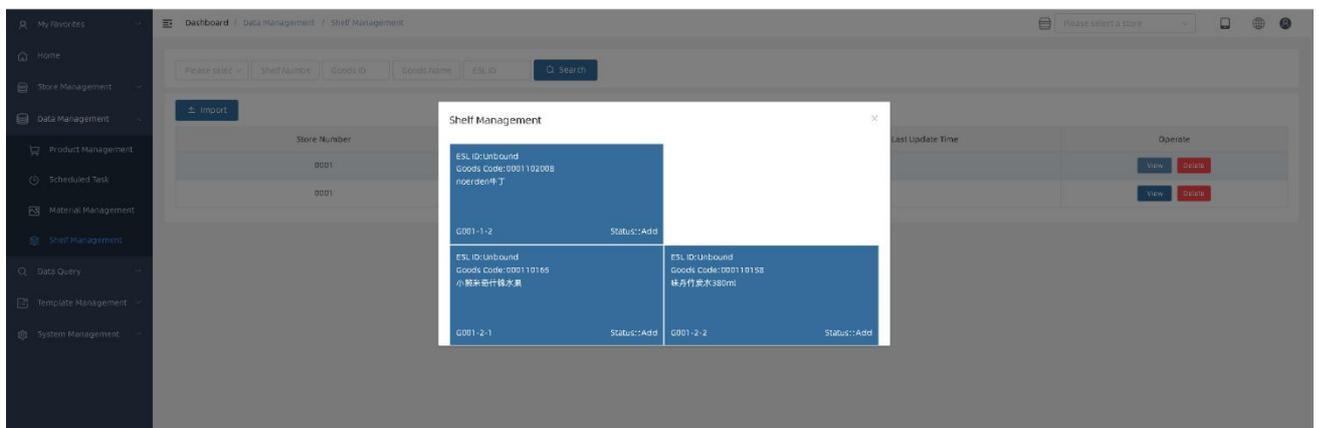
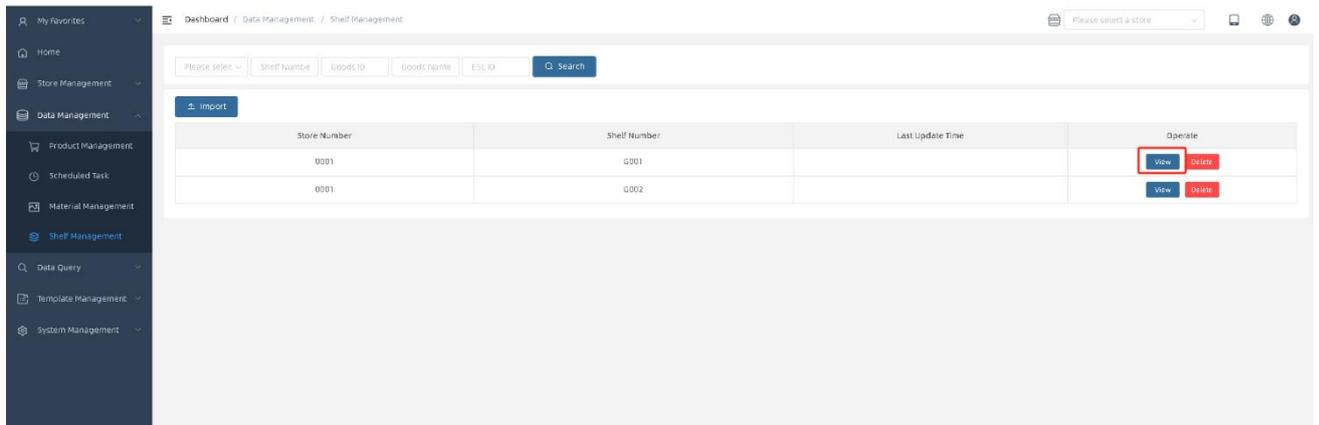
## 6.4 Display Management

### 6.4.1 Check price tag

You can query the display information of the product according to the shop, shelf number, product ID, product name, and price tag ID.

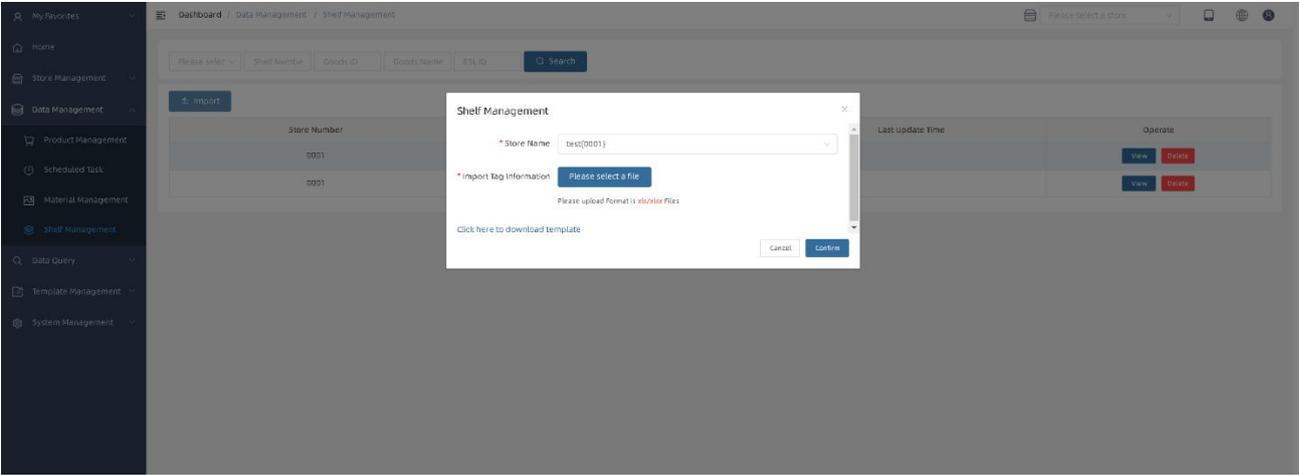
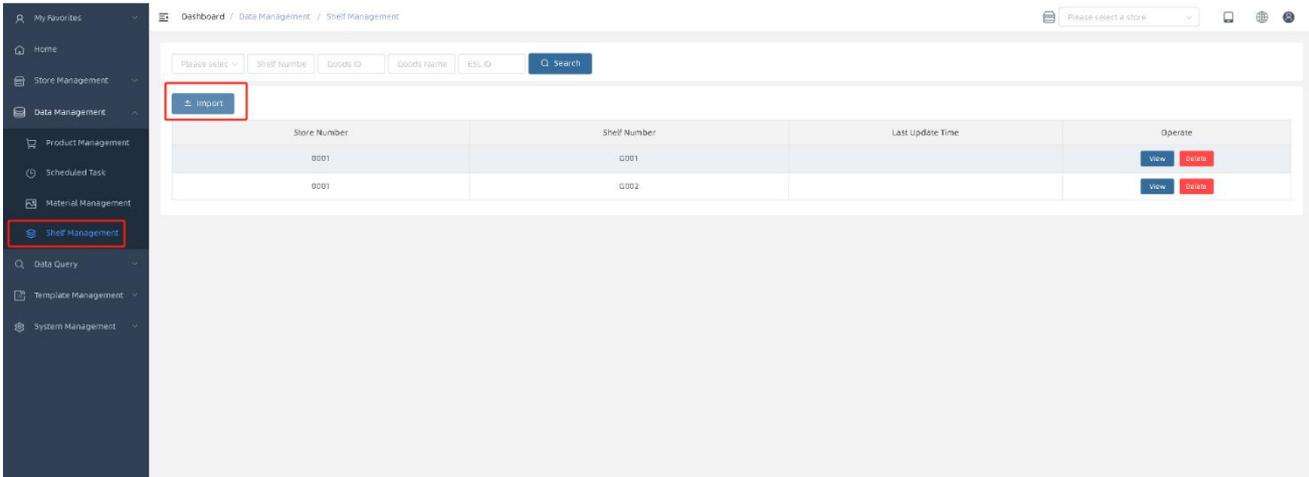


Click on a shelf's View button to see the display information for that shelf.



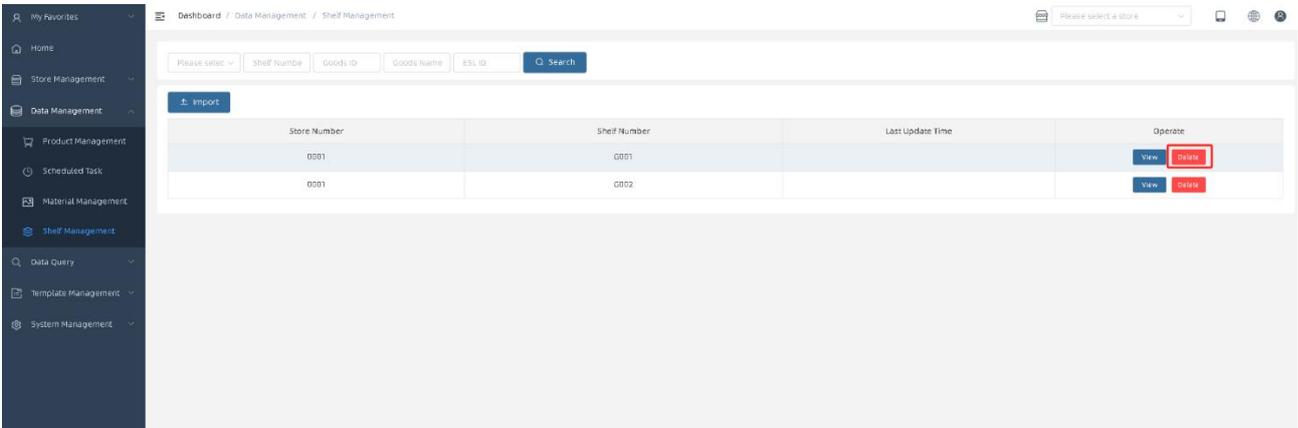
### 6.4.2 Import display information

Click the Import button to import the price tag display information of the selected shop.



### 6.4.3 Delete shelf

Click the Delete button to delete the shelf information and the corresponding display data.



## 7 Data query

### 7.1 Electronic price tag communication records

#### 7.1.1 Enquiry Record

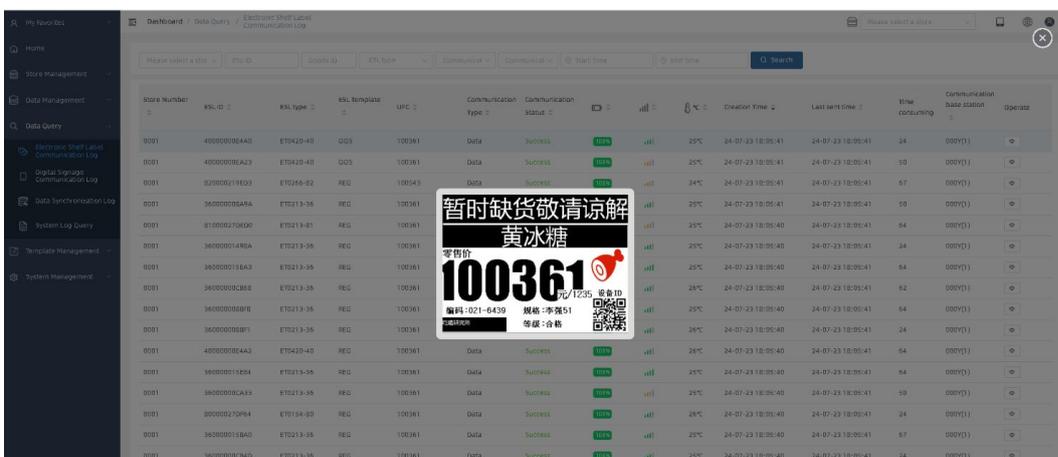
You can quickly retrieve the required communication records based on shop, price tag ID, product ID, price tag type, communication type, communication status, and last send time.

Store Number	ESL ID	ESL type	ESL Template	UPC	Communication Type	Communication Status	Signal	Temperature	Creation Time	Last sent time	Time consuming	Communication base station	Operate
0001	40000006440	ET0420-40	GD5	100361	Data	Success	100%	25°C	24-07-23 18:05:41	24-07-23 18:05:41	24	000Y(1)	🔍
0001	40000006423	ET0420-40	GD5	100361	Data	Success	100%	25°C	24-07-23 18:05:41	24-07-23 18:05:41	50	000Y(1)	🔍
0001	820000219E03	ET0266-82	REG	100543	Data	Success	100%	24°C	24-07-23 18:05:41	24-07-23 18:05:41	67	000Y(1)	🔍
0001	3600000649A	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:41	24-07-23 18:05:41	50	000Y(1)	🔍
0001	81000270E00	ET0213-81	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000149B4	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	24	000Y(1)	🔍
0001	3600000689B	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000689F1	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	24	000Y(1)	🔍
0001	3600000C36B	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	62	000Y(1)	🔍
0001	3600000689F8	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000689F1	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	24	000Y(1)	🔍
0001	40000006442	ET0420-40	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	360000015E84	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000CA33	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	50	000Y(1)	🔍

#### 7.1.2 Preview Price Tag

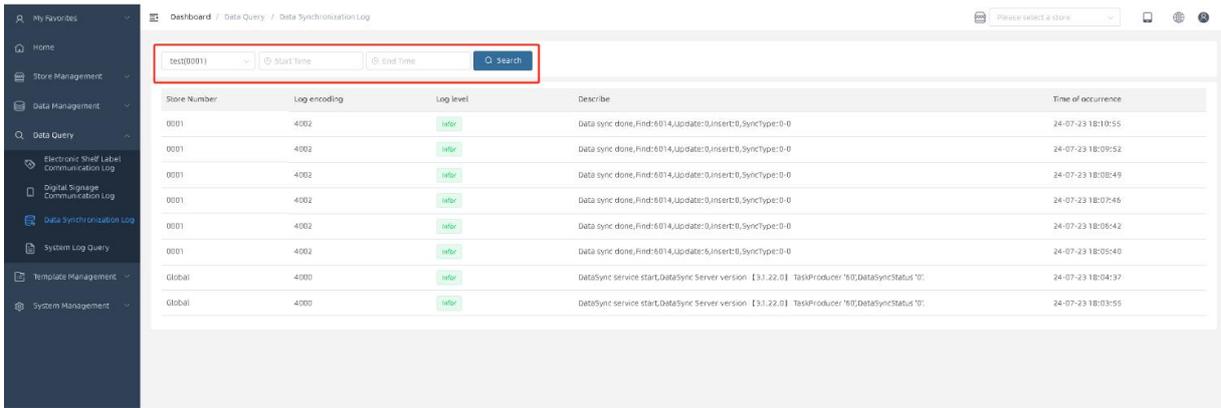
Click on the Preview button to preview the contents of the price tag display at the time of this communication.

Store Number	ESL ID	ESL type	ESL Template	UPC	Communication Type	Communication Status	Signal	Temperature	Creation Time	Last sent time	Time consuming	Communication base station	Operate
0001	40000006440	ET0420-40	GD5	100361	Data	Success	100%	25°C	24-07-23 18:05:41	24-07-23 18:05:41	24	000Y(1)	🔍
0001	40000006423	ET0420-40	GD5	100361	Data	Success	100%	25°C	24-07-23 18:05:41	24-07-23 18:05:41	50	000Y(1)	🔍
0001	820000219E03	ET0266-82	REG	100543	Data	Success	100%	24°C	24-07-23 18:05:41	24-07-23 18:05:41	67	000Y(1)	🔍
0001	3600000649A	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:41	24-07-23 18:05:41	50	000Y(1)	🔍
0001	81000270E00	ET0213-81	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000149B4	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	24	000Y(1)	🔍
0001	3600000689B	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000689F1	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	24	000Y(1)	🔍
0001	3600000C36B	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	62	000Y(1)	🔍
0001	3600000689F8	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	3600000689F1	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	24	000Y(1)	🔍
0001	40000006442	ET0420-40	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍
0001	360000015E84	ET0213-36	REG	100361	Data	Success	100%	25°C	24-07-23 18:05:40	24-07-23 18:05:41	64	000Y(1)	🔍



### 7.3 Data Synchronization Record

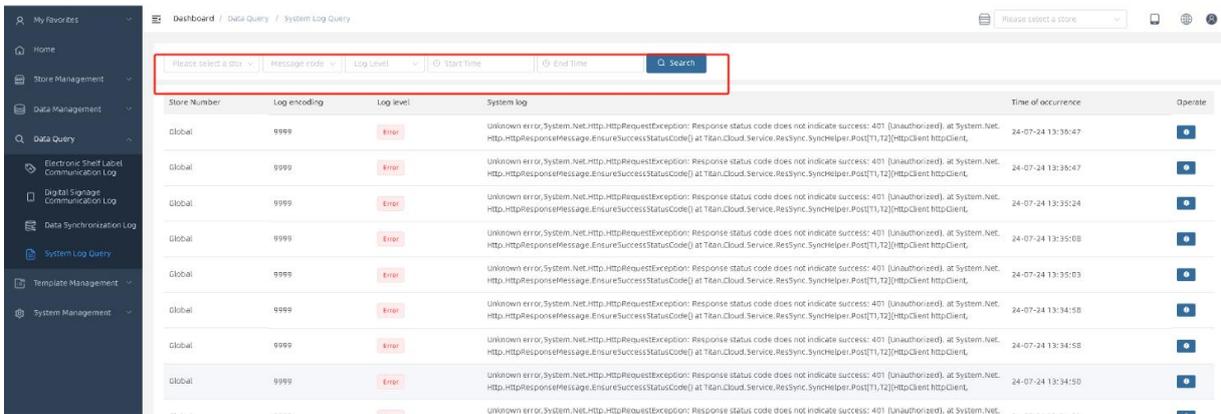
You can quickly find the synchronization records you need, by shop and when the records took place



## 7.4 System Log Query

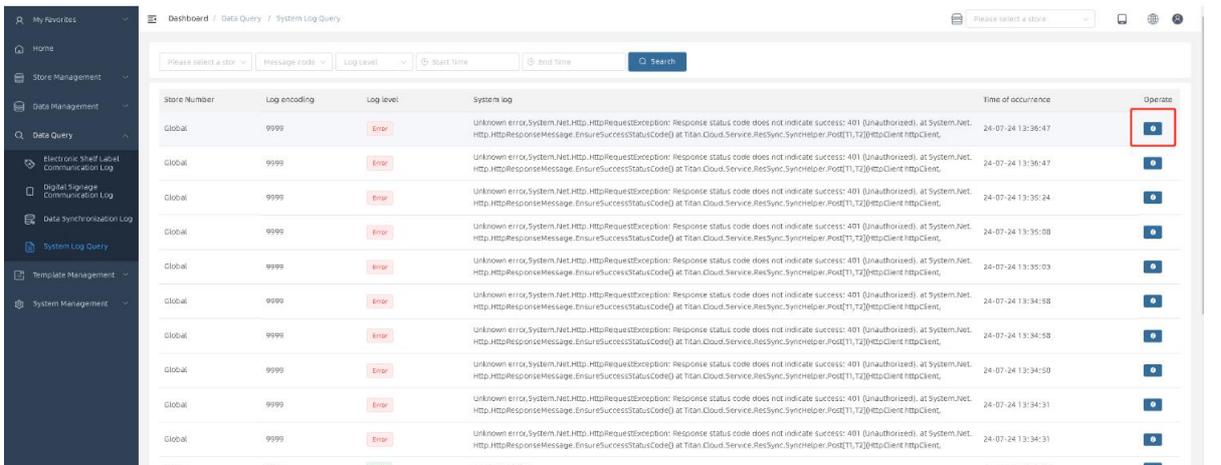
### 7.4.1 Query log

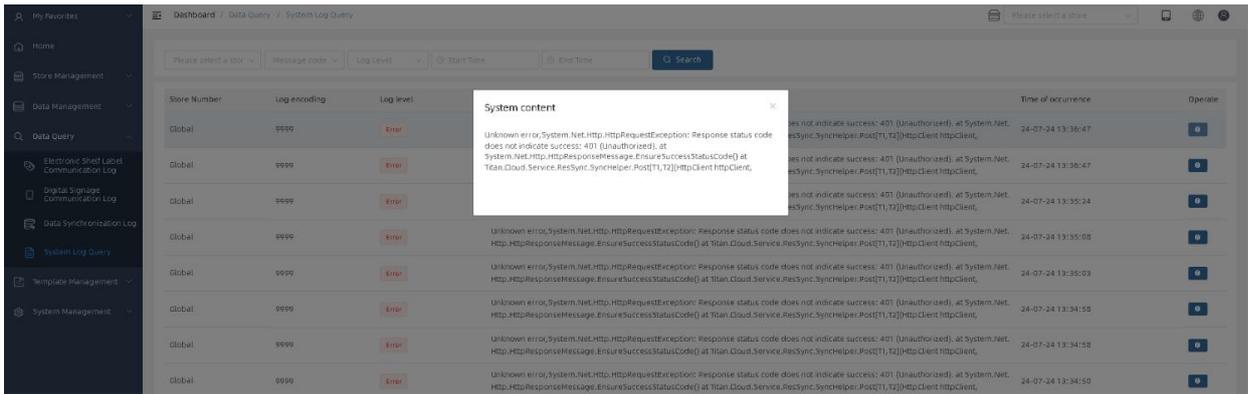
You can quickly search for the log information you need, based on shop, message code, log level, and when a log occurs.



### 7.4.2 Log details

You can view the details of the log, by clicking the log corresponding to the details button



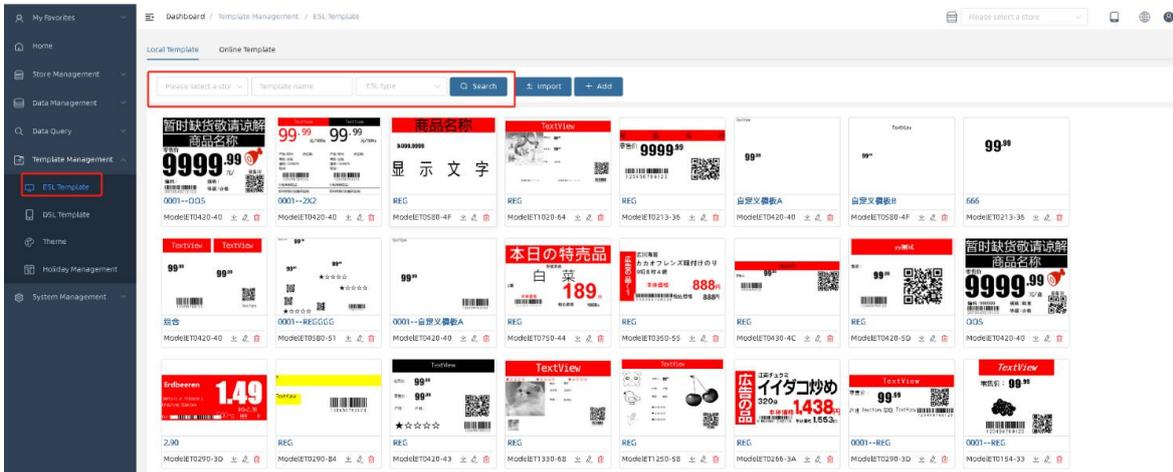


## 8 Template Management

### 8.1 ESL Template

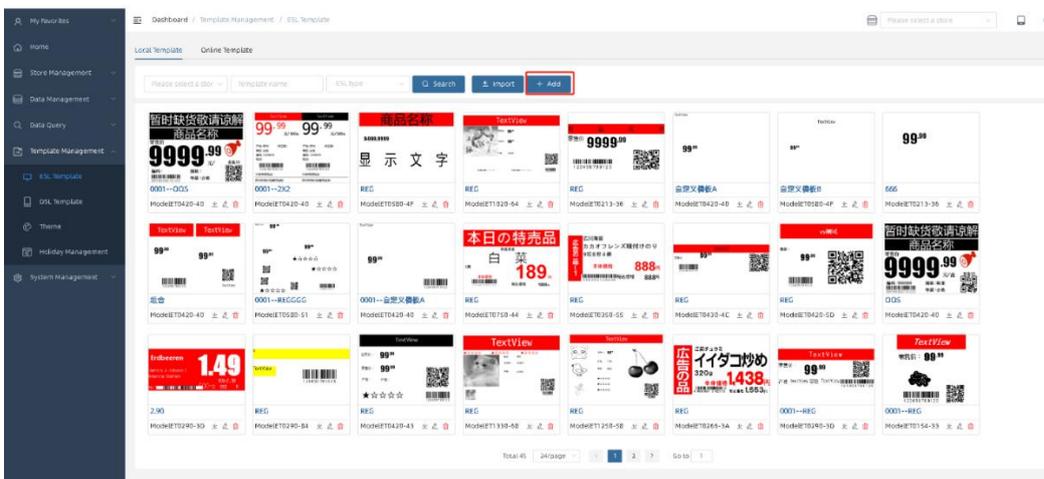
#### 8.1.1 Enquiry Template

You can quickly retrieve the ESL templates you need, based on shop, template name, price tag type



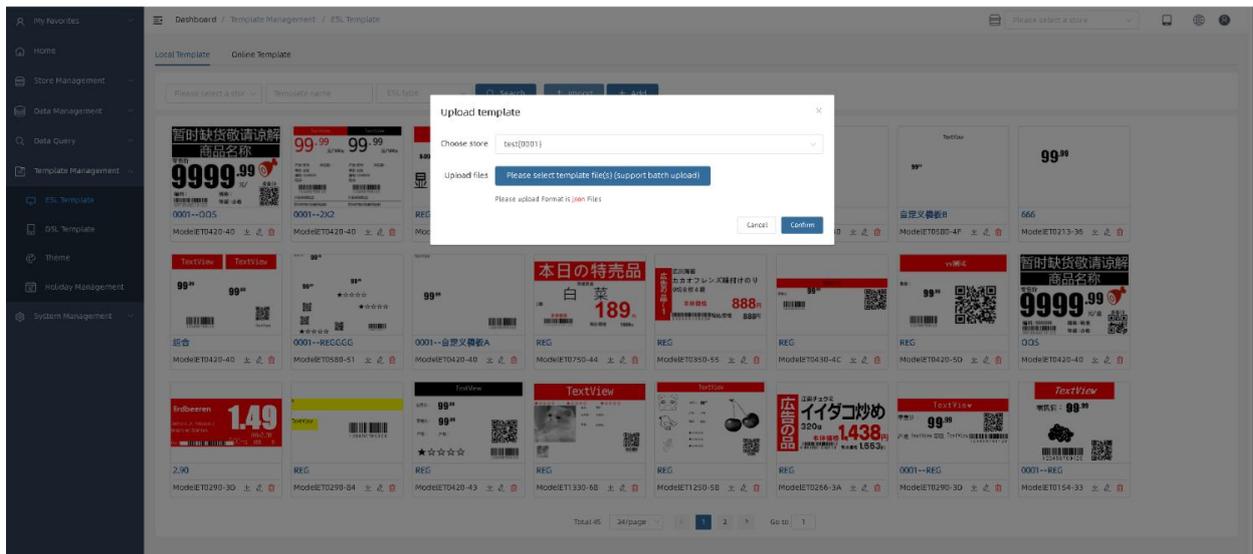
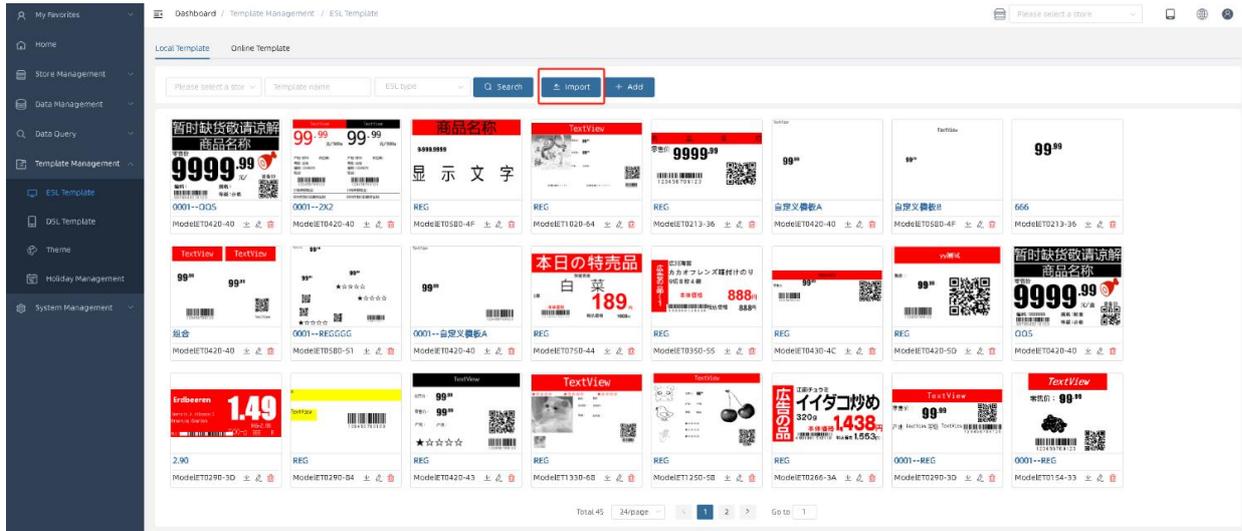
#### 8.1.2 Add Template

You can go to the eDesigner for template design, see the eDesigner manual for details.



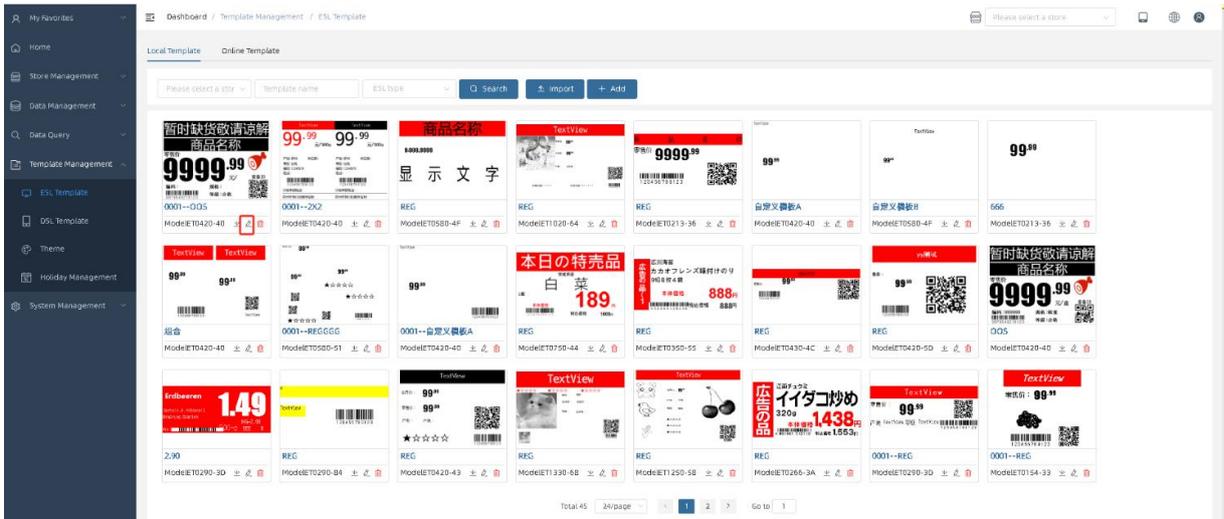
### 8.1.3 Import Template

Click on the Import button to select a specific shop to import the template file.



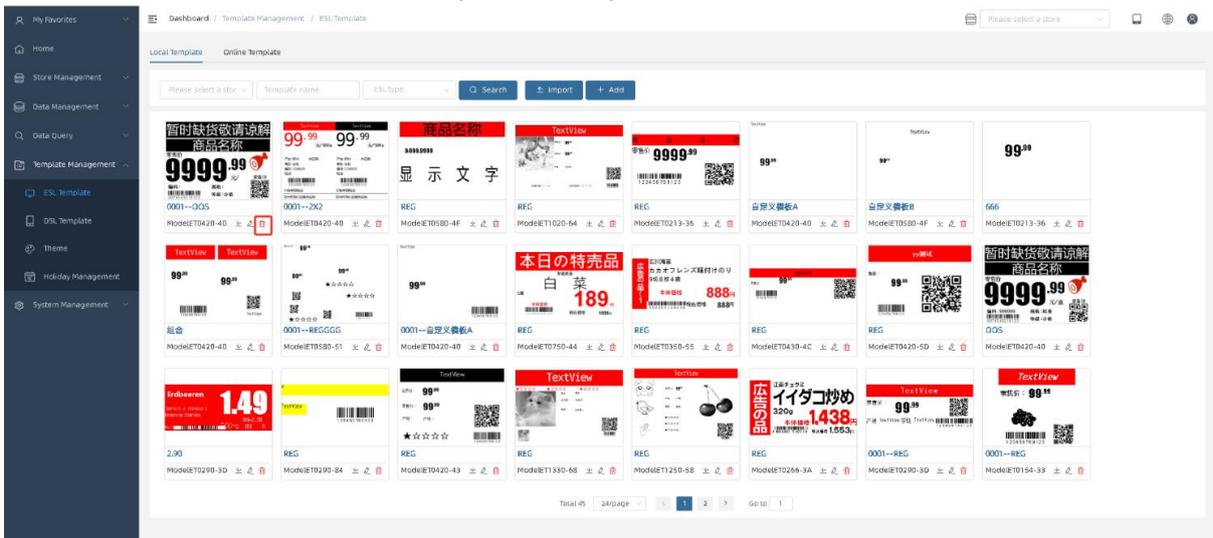
### 8.1.4 Edit Template

Click on the Edit button to go to the eDesigner to edit the content of this template.



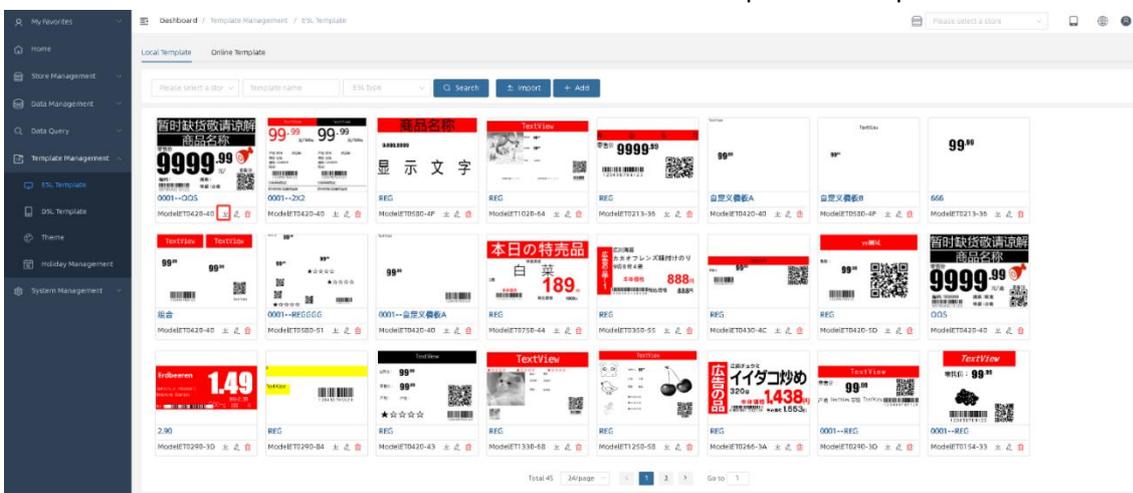
### 8.1.5 Delete Template

Click the Delete button to delete the specified template.



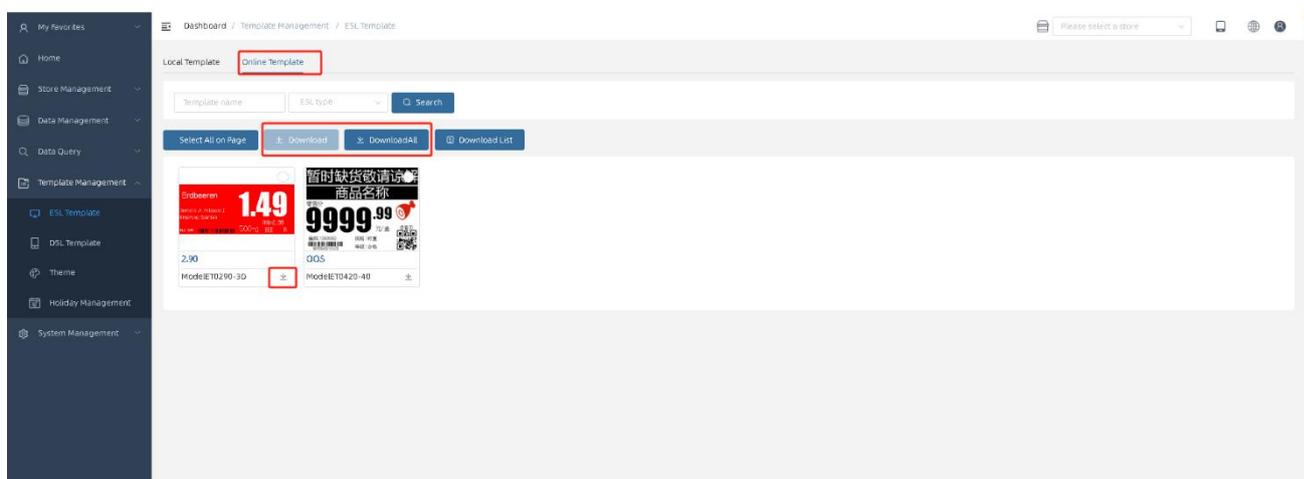
### 8.1.6 Download Template

Click the Download button to download the JSON file for the specified template.

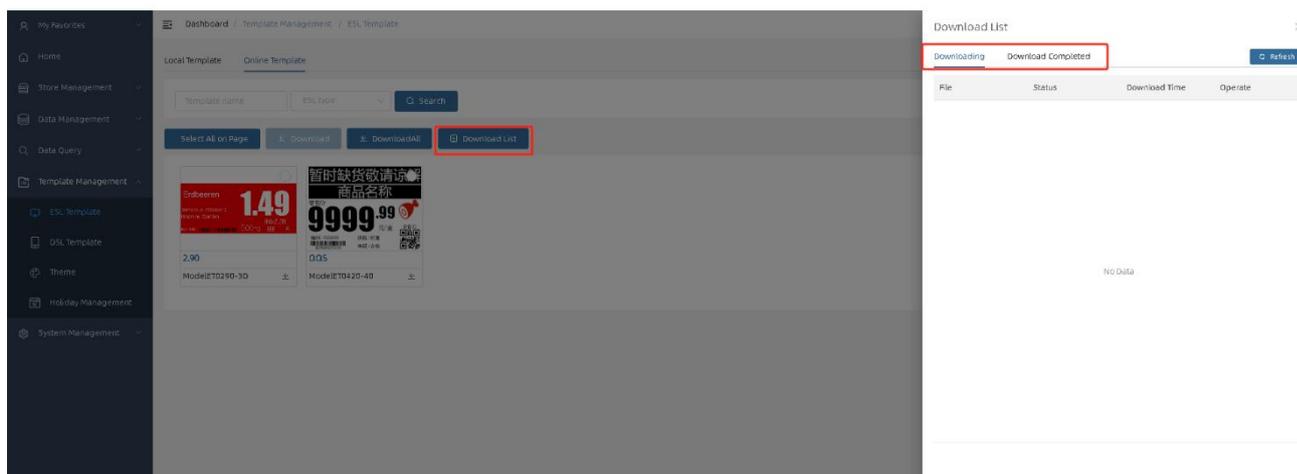


## 8.1.7 Online Template

Online template list can retrieve the required templates by template name, and price tag type for single or batch download.



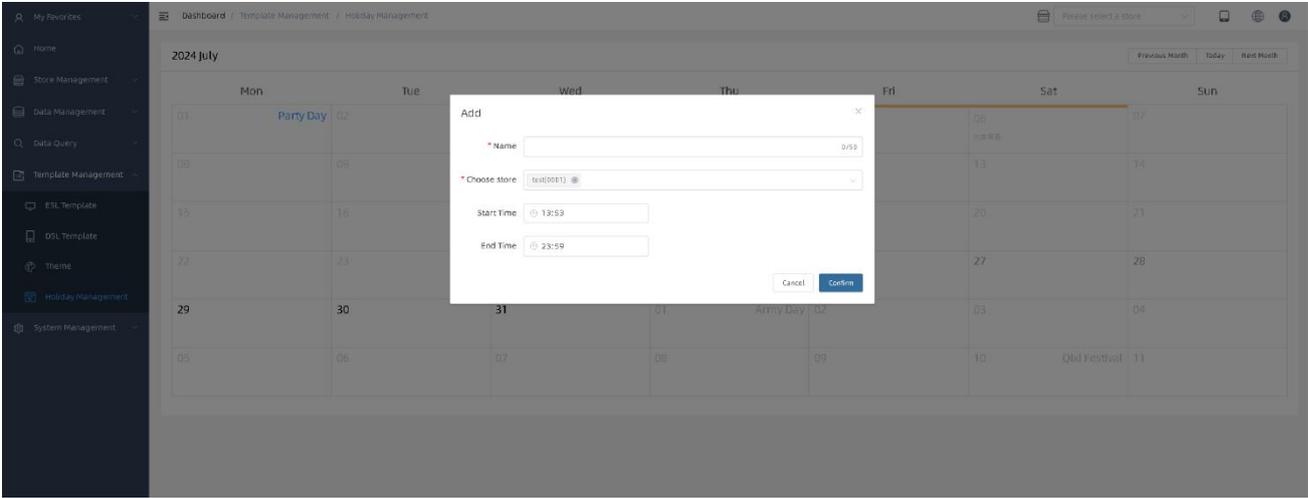
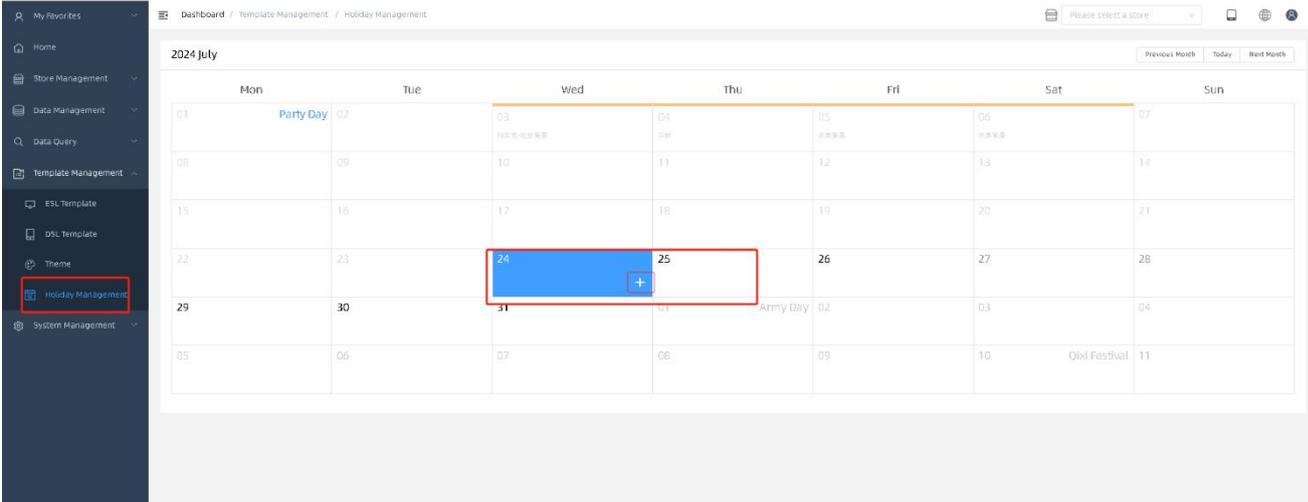
Click on the download list to see the progress of the download.



## 8.4 Holiday Management

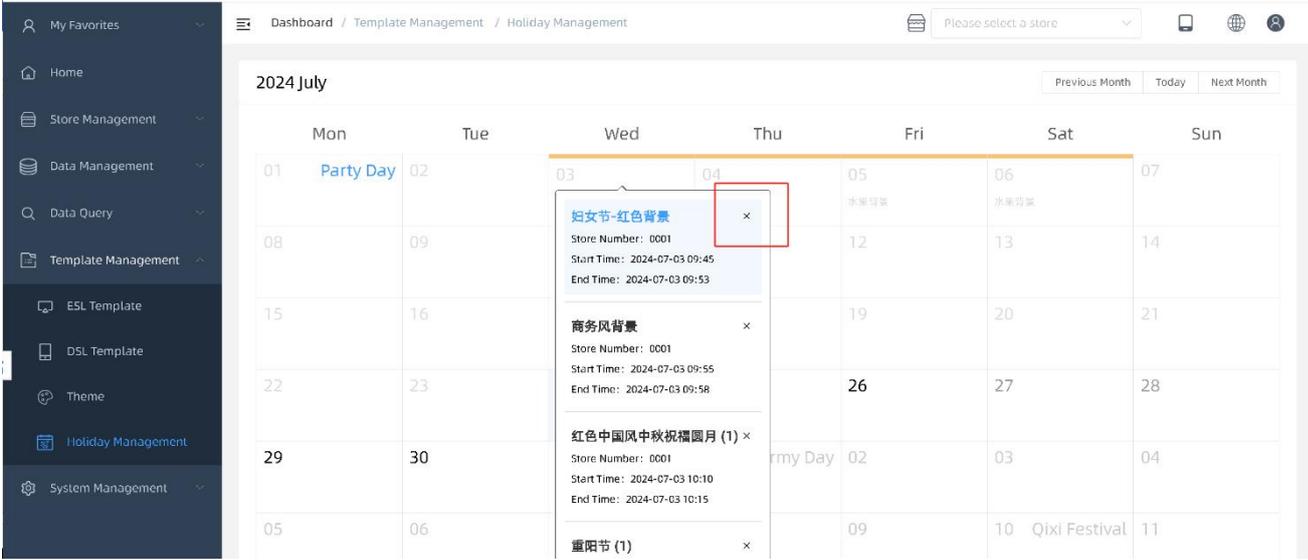
### 8.4.1 Add Holiday

Shop holiday information can be created by clicking on the holiday start time and end time in the calendar and clicking on the Add button.



### 8.4.2 Delete Holiday

You can delete holiday information by clicking the Delete button for an existing holiday in the calendar.

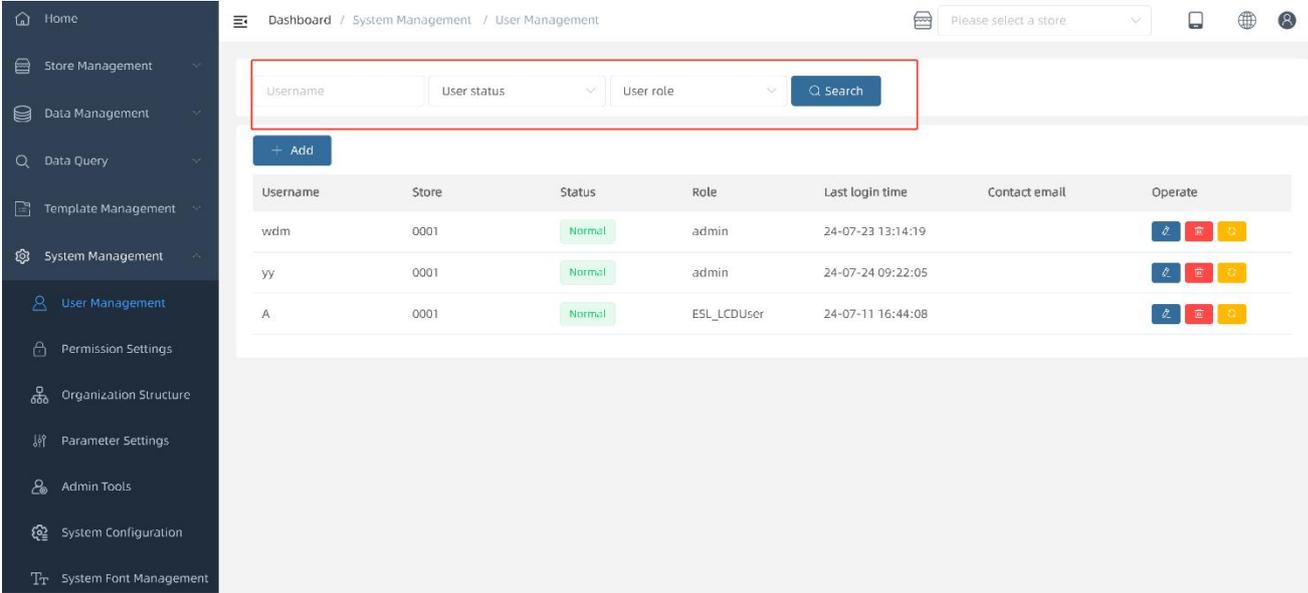


## 9 System Management

### 9.1 User Management

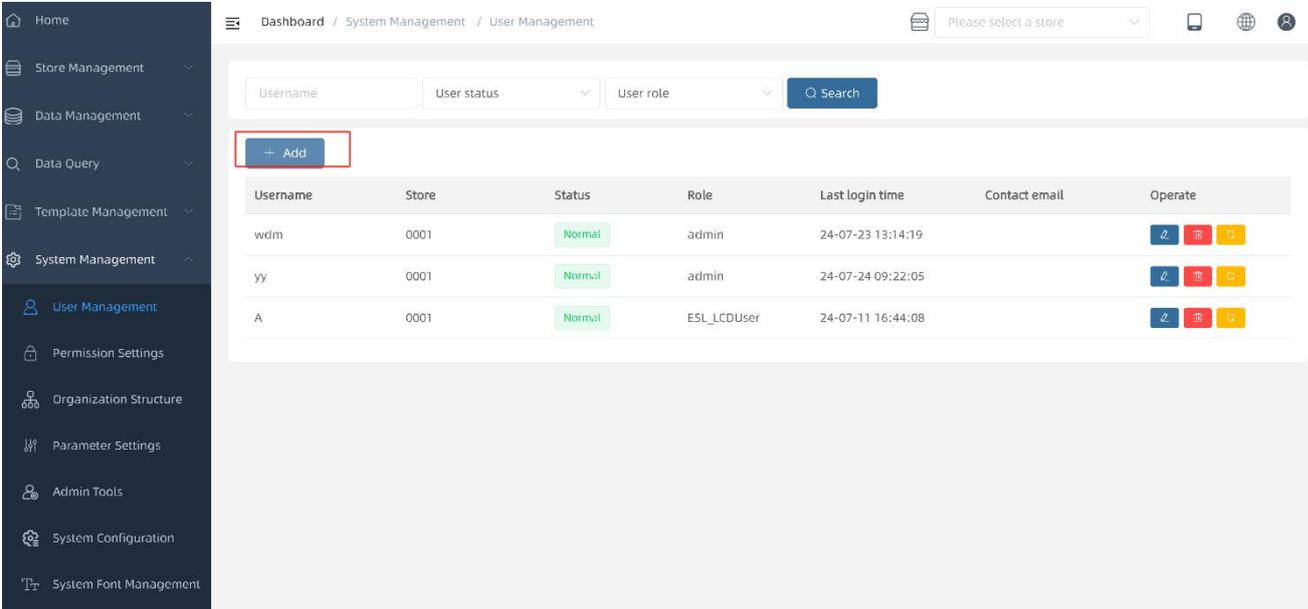
#### 9.1.1 Enquiry User

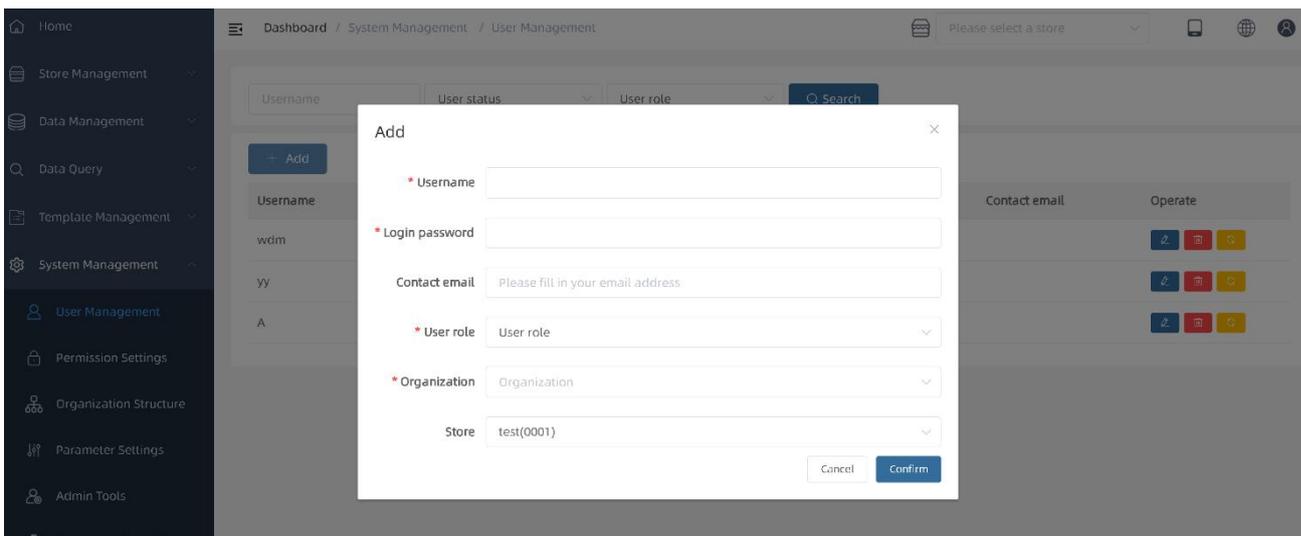
You can quickly retrieve the required user information based on user name, user status, and user role.



#### 9.1.2 Add User

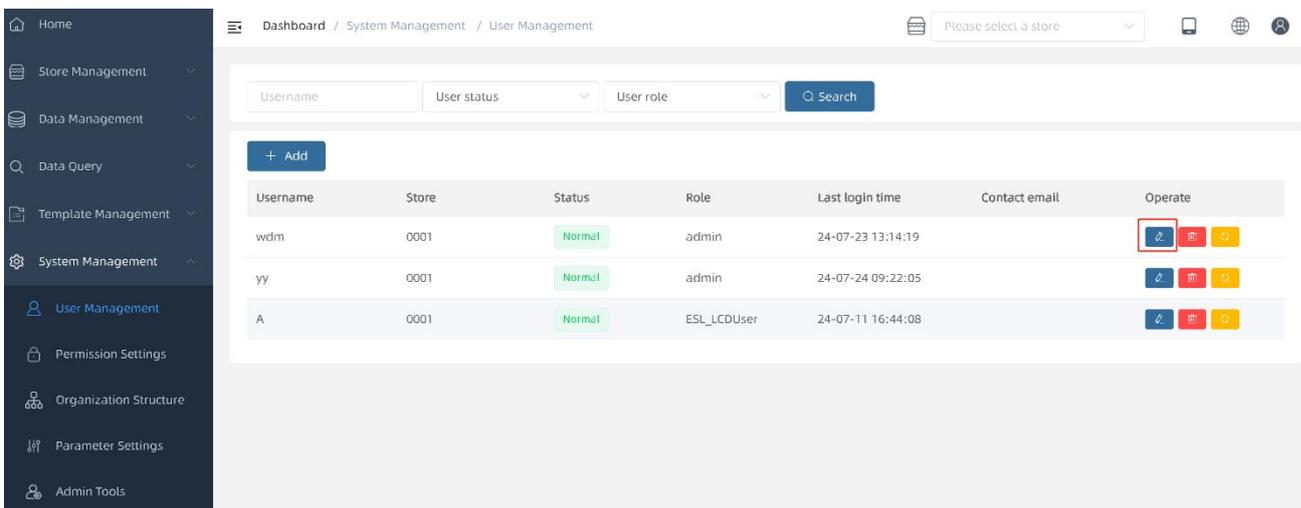
You can add a system user by clicking the Add button and entering the user's basic information.





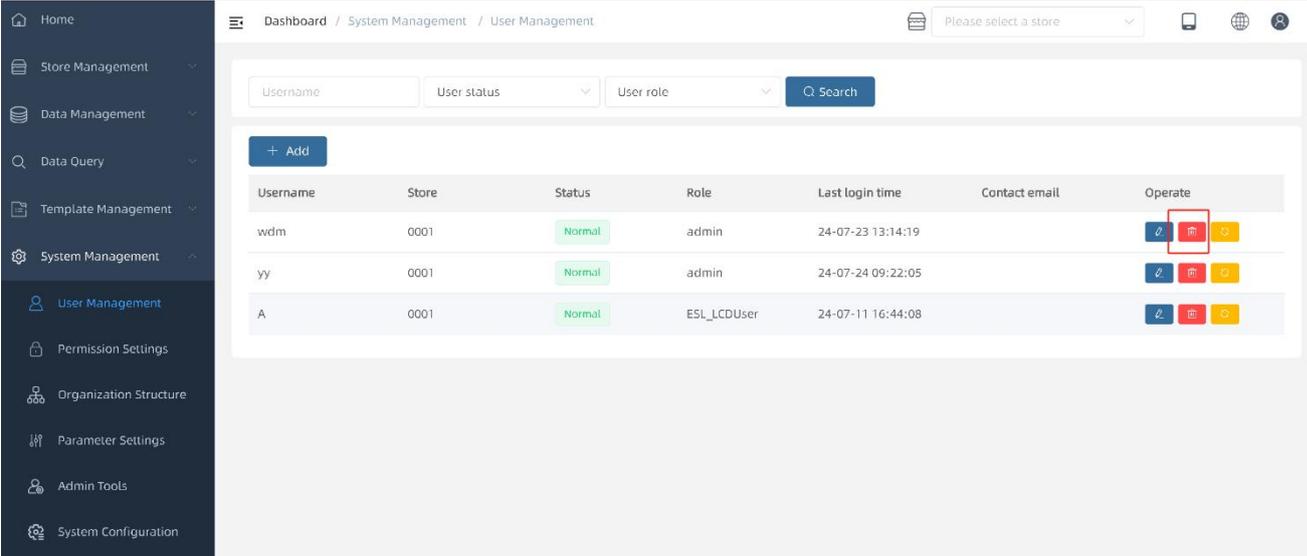
### 9.1.3 Edit user

You can edit the information of a user by clicking the Edit button corresponding to that user.



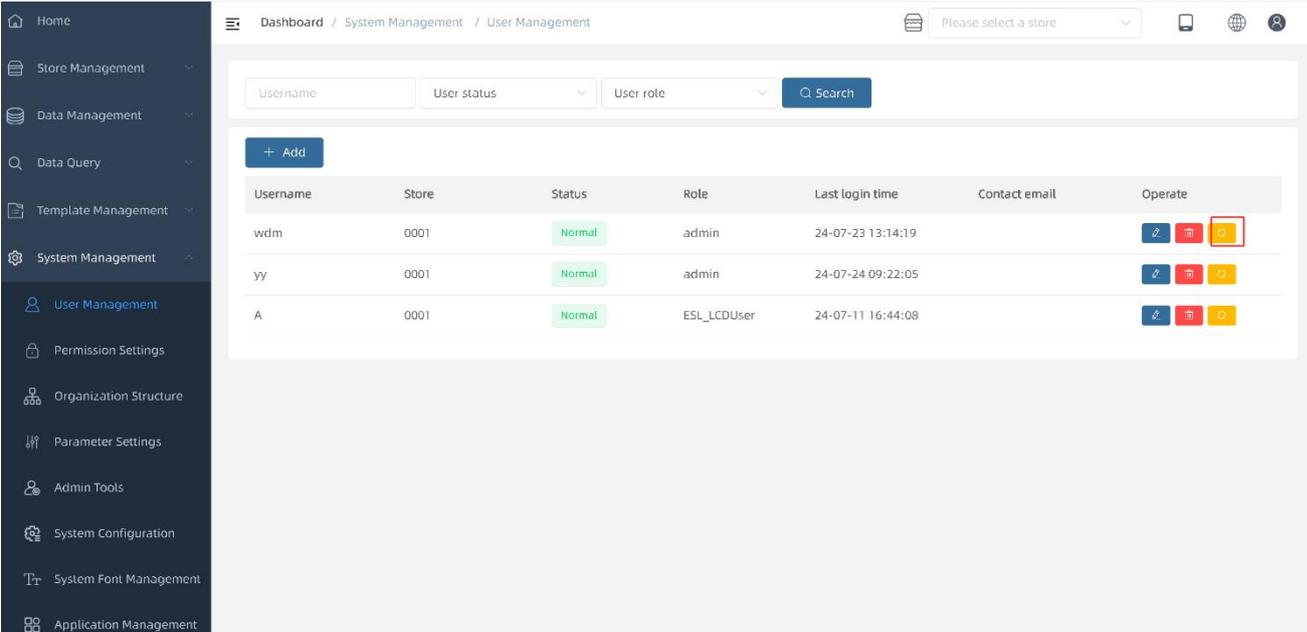
### 9.1.4 Delete user

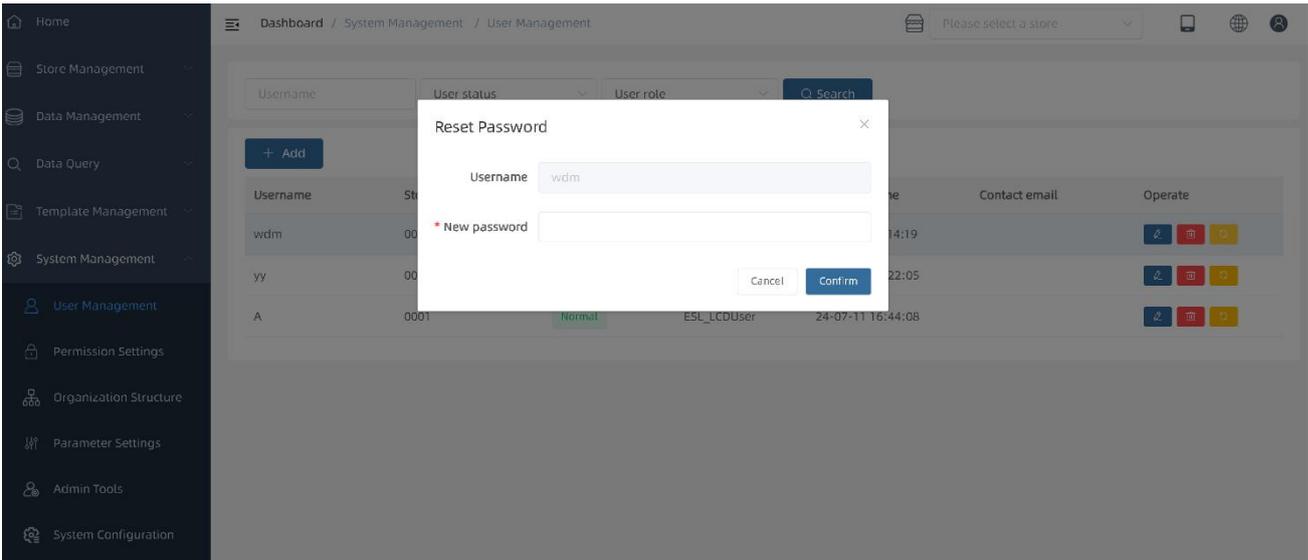
You can delete the user information by clicking the Delete button corresponding to the user, and the user will not be able to log in to the system after the deletion.



### 9.1.5 Reset Password

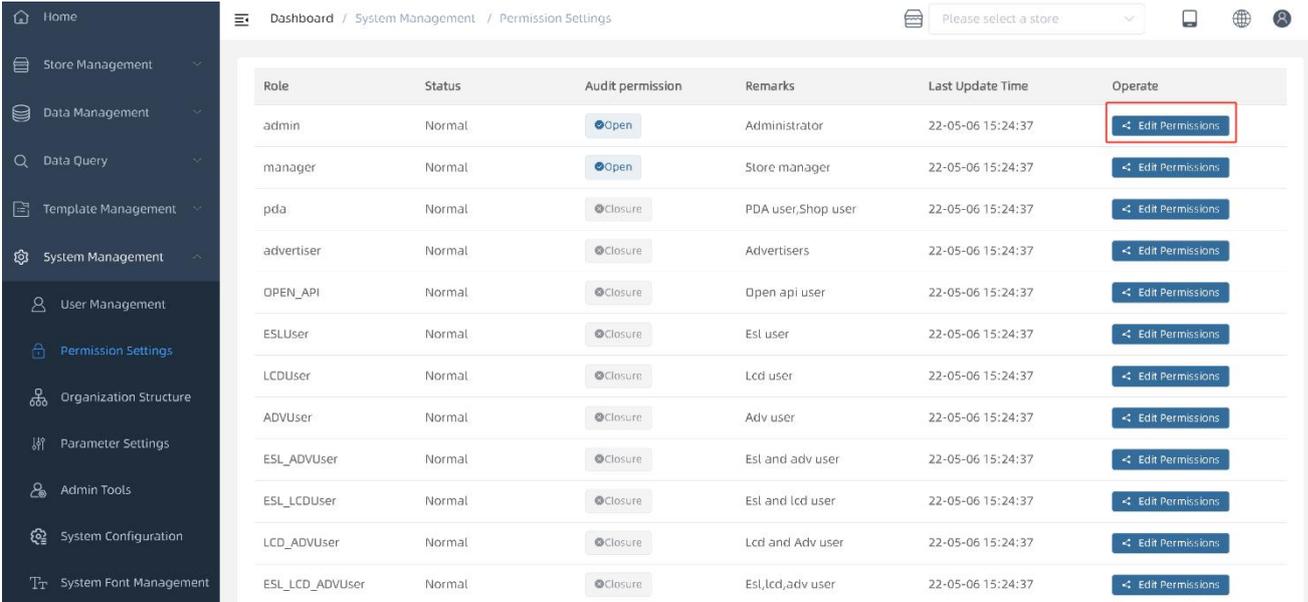
Click the Reset Password button for a user to reset the login password for that user.

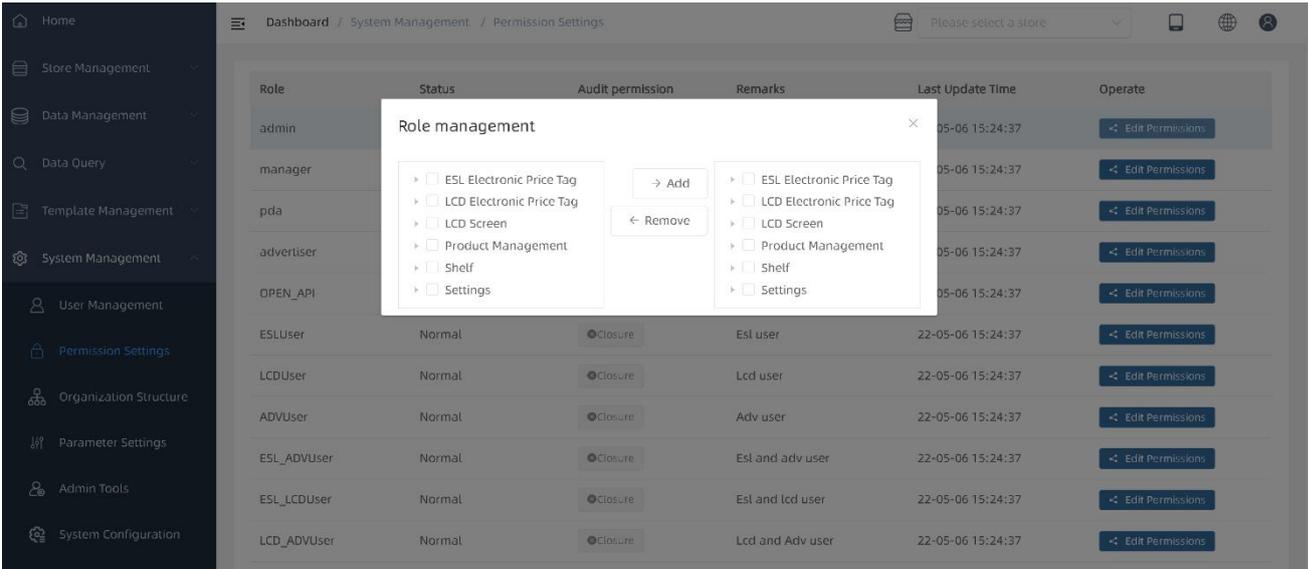




## 9.2 Rights Management

Click on the Edit Permissions button to view and edit the app permissions for the role.

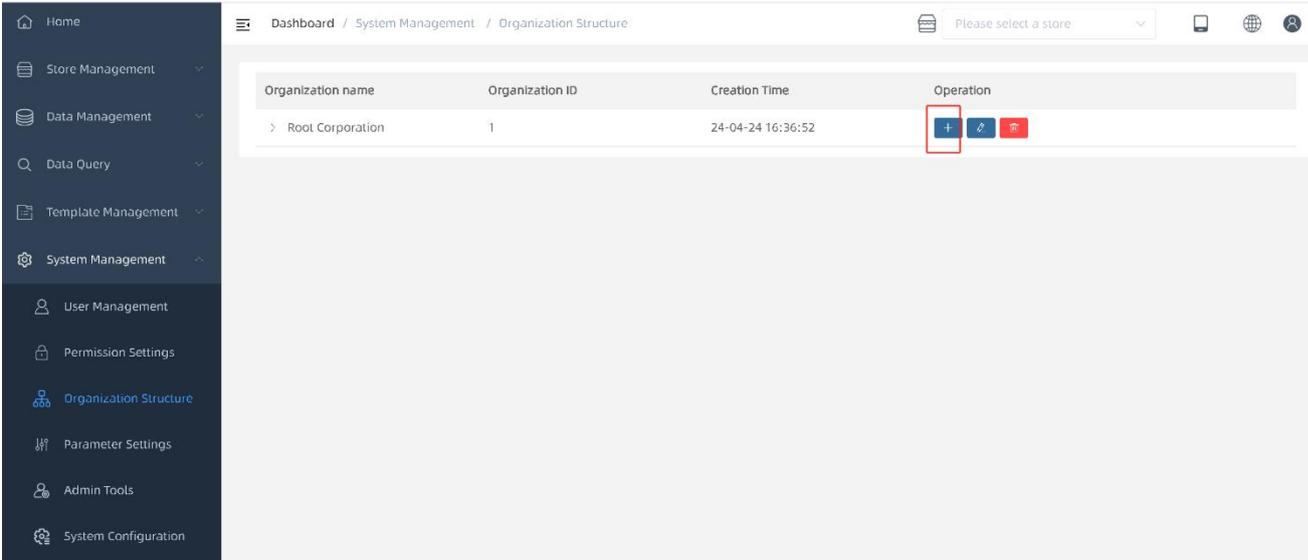




### 9.3 Organizational Structure

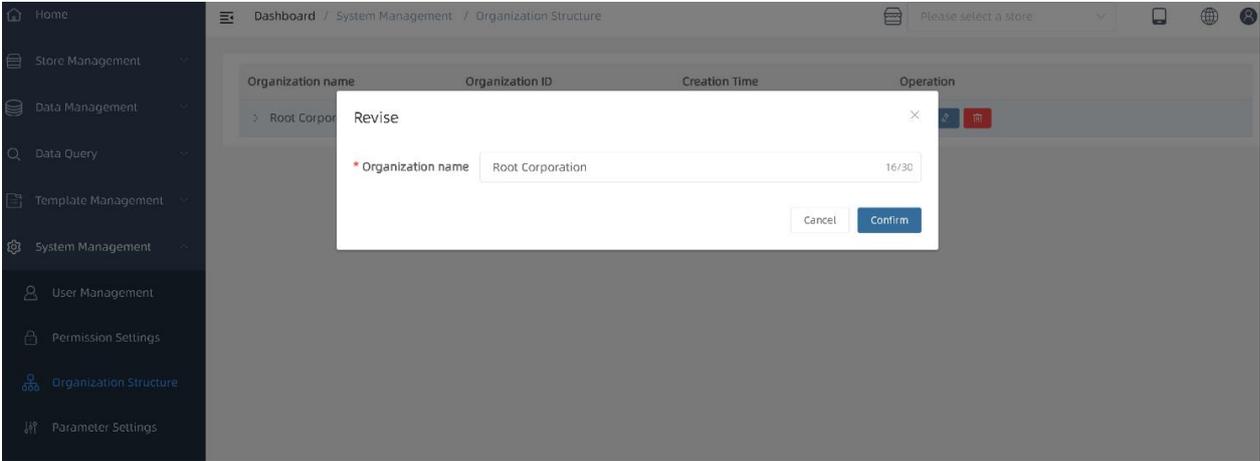
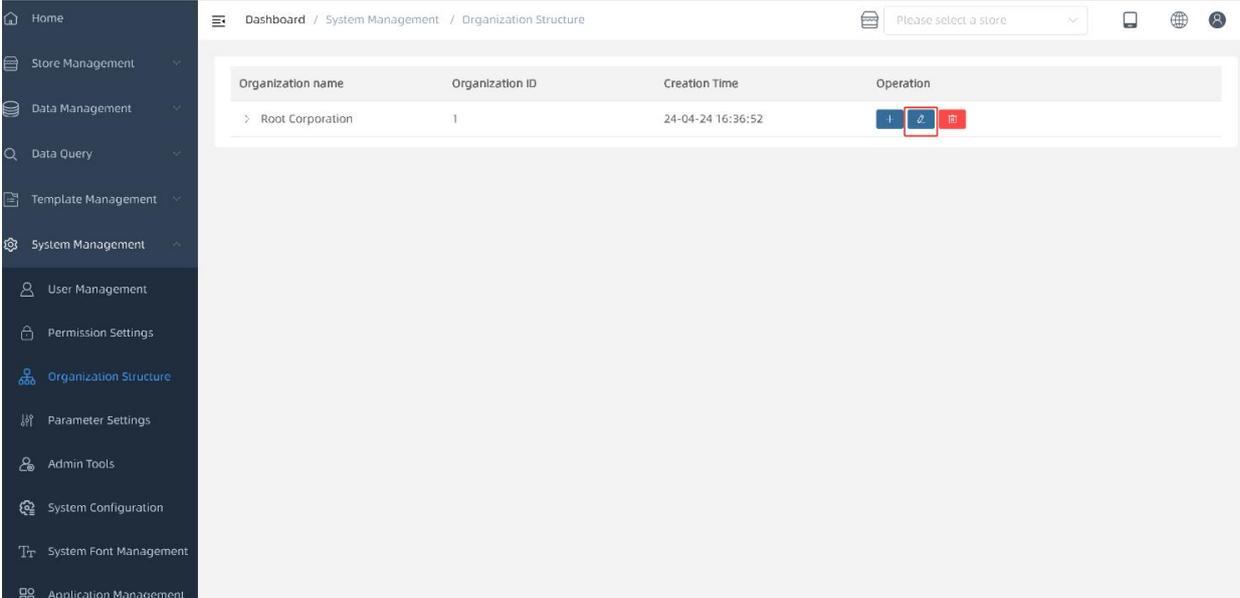
#### 9.3.1 Add Organization

To add a subordinate organization, you can click on the Add button of the parent organization.



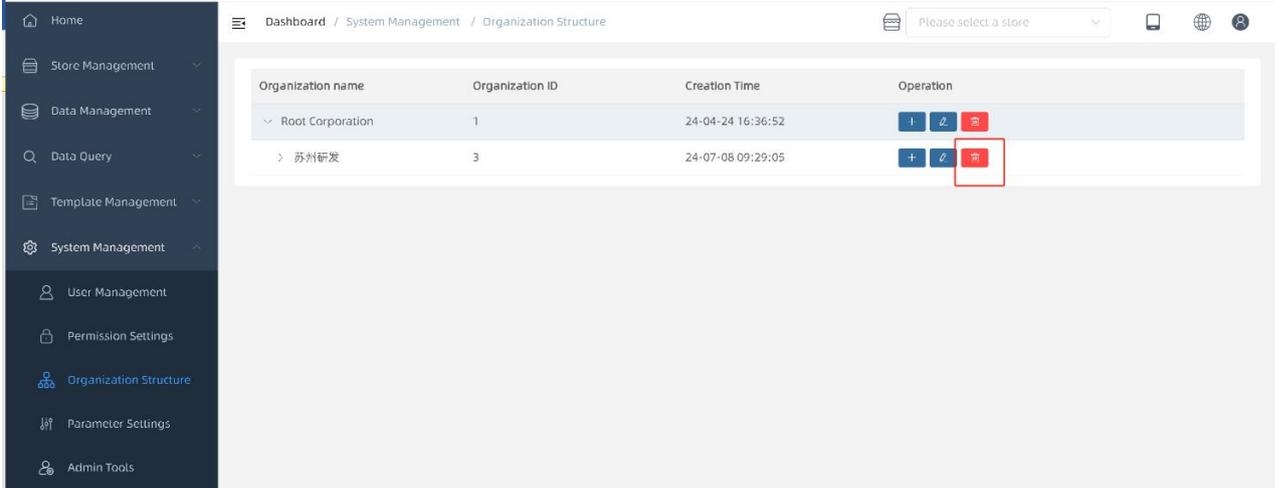
#### 9.3.2 Edit Organization

You can modify the name of the organization by clicking on the Edit button corresponding to the organization.



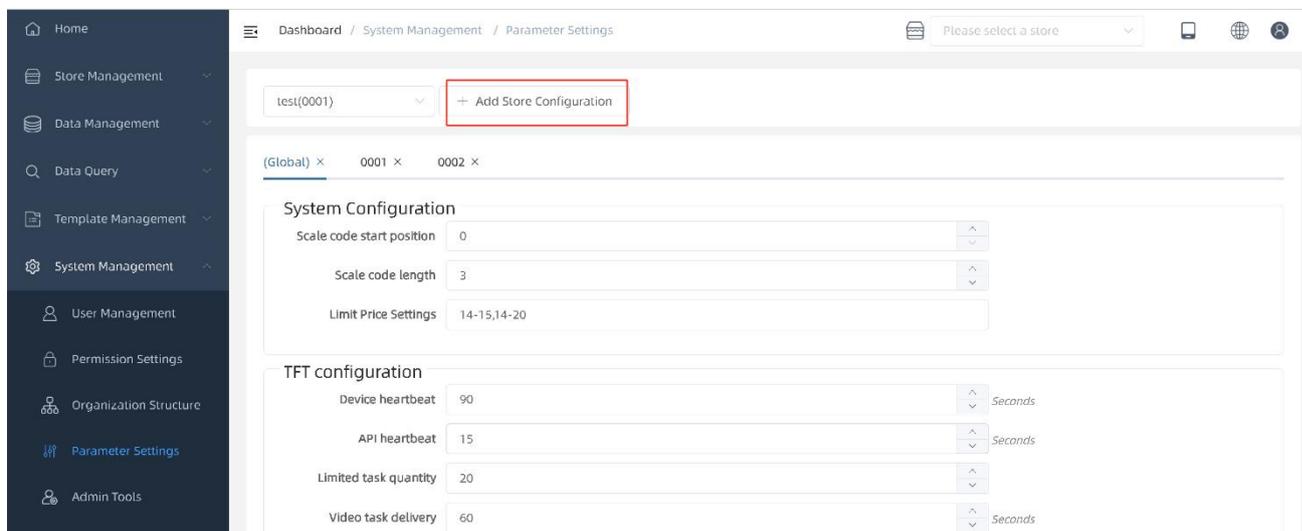
### 9.3.3 Delete Organization

The organization can be deleted by clicking the Delete button for the corresponding organization (deletion is not possible when a subordinate organization exists).

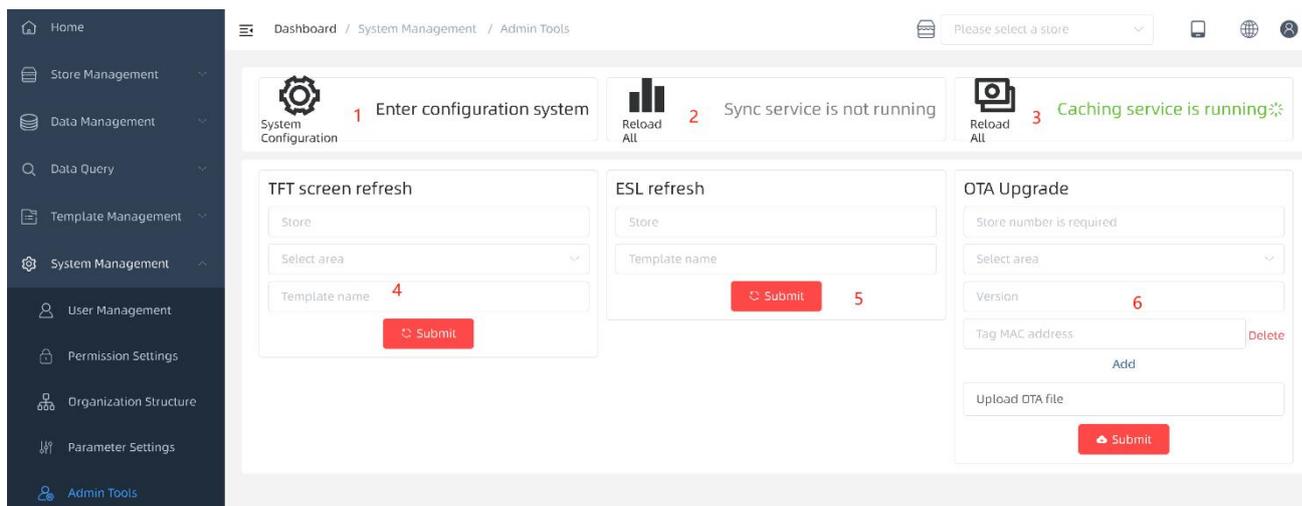


## 9.4 Parameter setting

After selecting a shop, click the Add button and enter the shop's system configuration information, TFT configuration information, and system feedback configuration information, and click the Save button to save the shop configuration data.



## 9.5 Administrator Tools



1. Click Configure System to enter the System Configuration page, where you can configure basic system information.

Shop Configuration -> Data Sync Configuration -> Dynamic Model Configuration -> Model Parameter Configuration -> Template Configuration

**Shop Configuration**

Store Number: (Global)

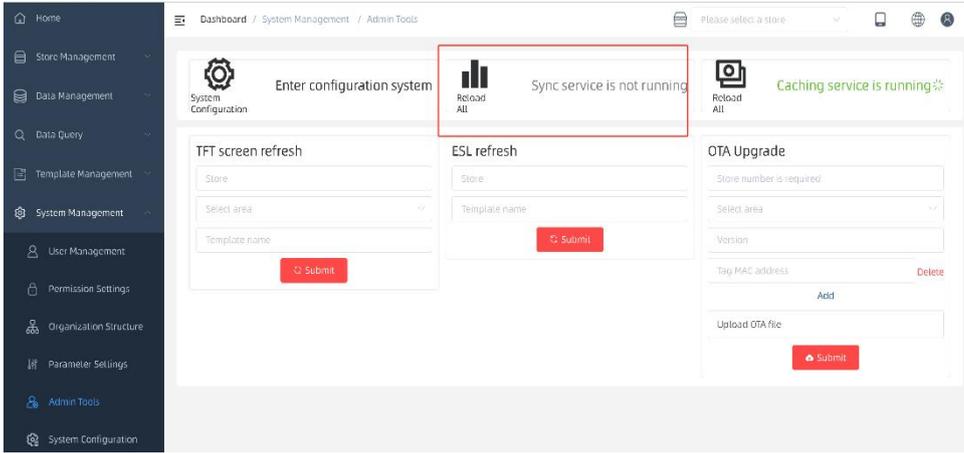
Data Sync:  Open  Closure

\* Sync Interval: 60

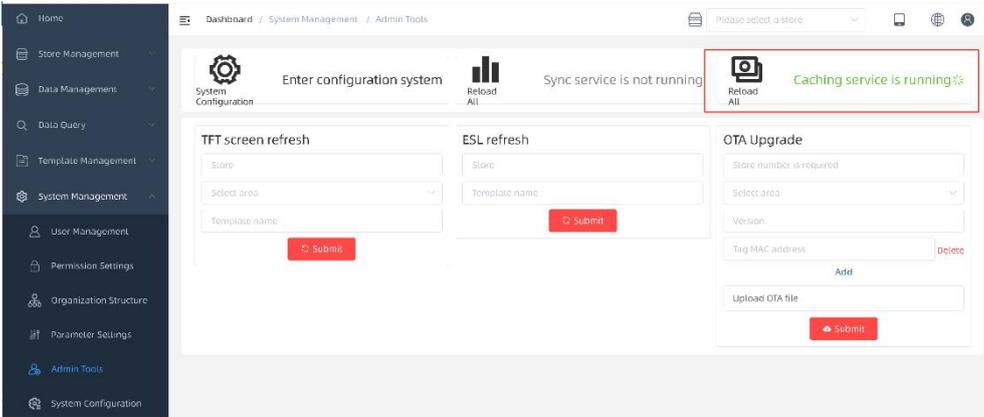
\* Template Type: REG,SAL

[Next](#) [Restore from Backup System](#)

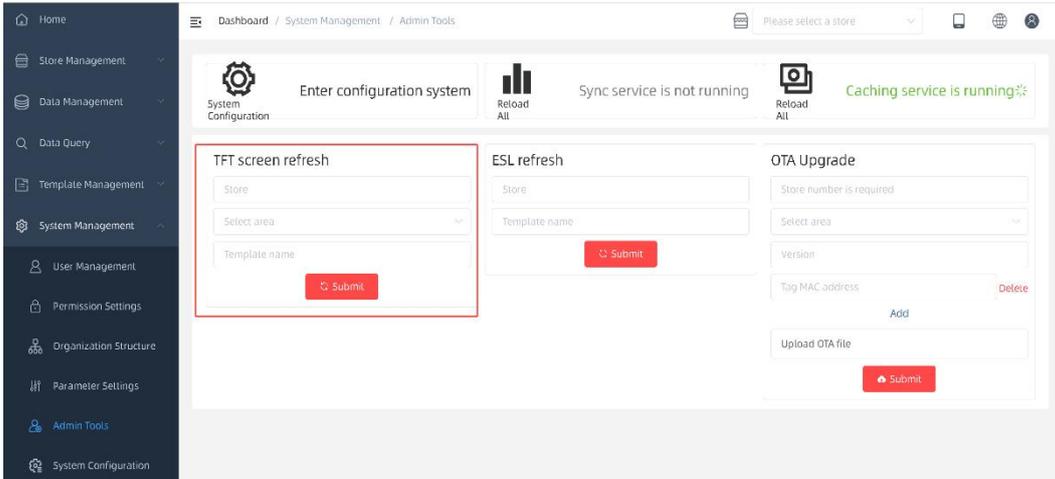
2. The Synchronization Service is restarted.



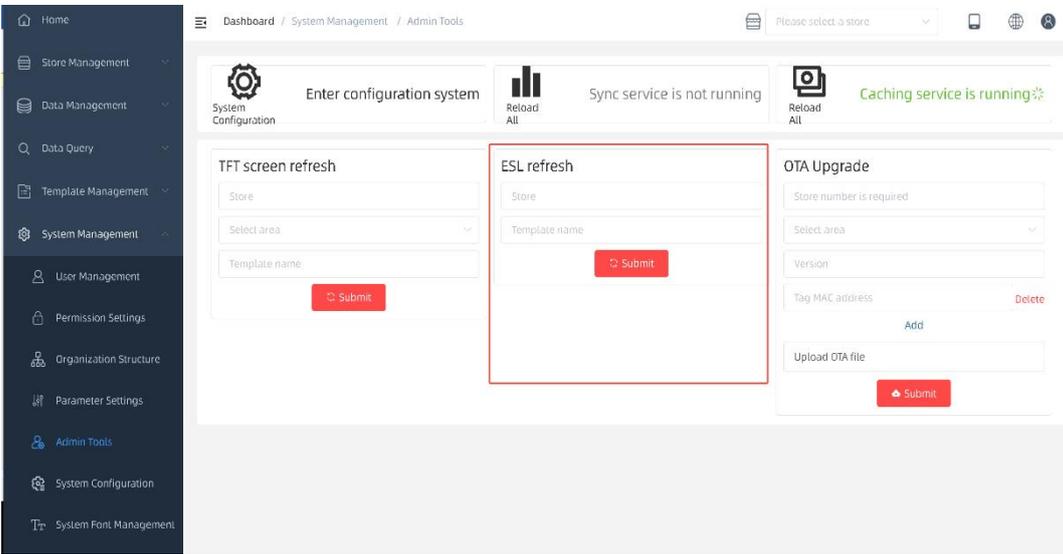
3. Cache service restart.



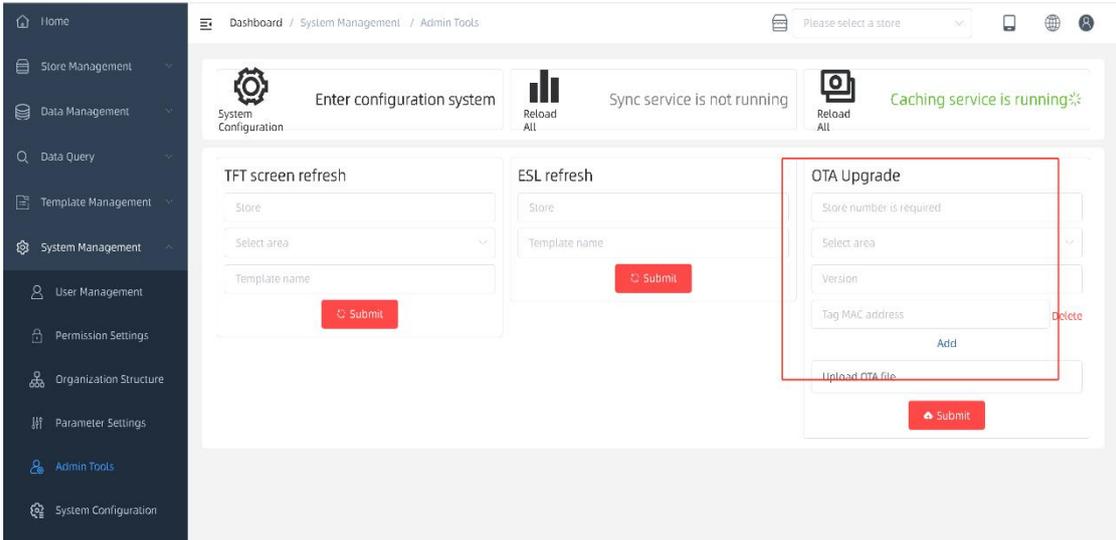
4. Refresh the specified color screen.



5. Refresh the specified price tag.



6. Ota upgrades specified color screen.



## 9.6 System Configuration

### 9.6.1 System parameter

You can set the instance name, client code, system language, and current site IP.

The screenshot shows the 'System Configuration' page in the ESL System. The left sidebar contains navigation options: Home, Store Management, Data Management, Data Query, Template Management, System Management, User Management, Permission Settings, Organization Structure, Parameter Settings, Admin Tools, System Configuration (highlighted), and System Font Management. The main content area is titled 'System parameters' and includes the following fields:

- Instance name: 23测试
- Customer code: wdm
- Client name: 王冬明
- System default language: pt\_PT
- Please enter the current site access address: http://192.168.4.23:3000/
- Enable Share Directory:

Below the System parameters section is the 'IsSynchronized' section with the following fields:

- Base Station Version: 4
- Base Station Port: 9071
- Attempt Times: 128
- Tag Auto Registration:

Each section has a 'Save' button.

### 9.6.2 Base Station Configuration Parameter

Base station version: 4+ for AP05 base station, base station port: default 9071, after modification, you need to restart the service to take effect, number of attempts: price tag sending failures will enter the blacklist after reaching the number, price tag auto-registration: when you receive a price tag heartbeat after turning on the price tag, it will automatically switch the price tag to the current shop.

The screenshot shows the 'System Configuration' page in the ESL System. The left sidebar is the same as in the previous screenshot. The main content area is titled 'IsSynchronized' and includes the following fields:

- Base Station Version: 4
- Base Station Port: 9071
- Attempt Times: 128
- Tag Auto Registration:

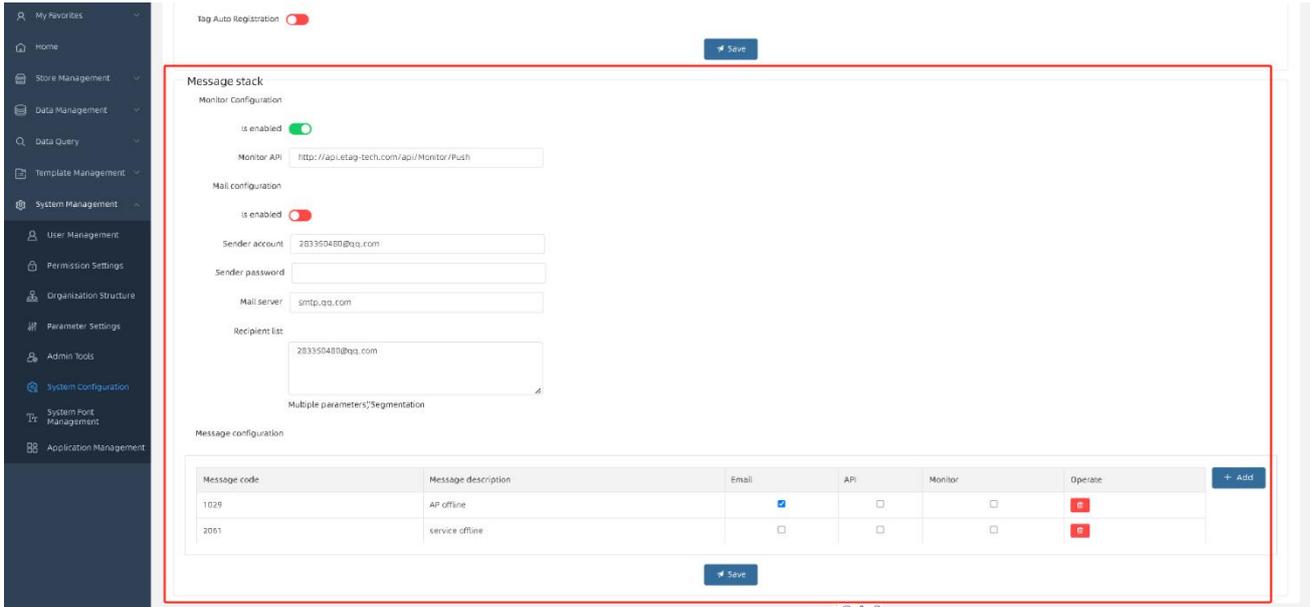
Below the IsSynchronized section is the 'Message stack' section with the following fields:

- Monitor Configuration:
  - Is enabled:
  - Monitor API: http://api.etag-tech.com/api/Monitor/Push
- Mail configuration:
  - Is enabled:

Each section has a 'Save' button.

### 9.6.3 Message stack

System message notification configuration is possible.



### 9.7 System Font Management

Add the Upload Fonts button to select the fonts that users need to upload to the server. Windows systems require the server to install the fonts manually, and Linux requires a restart of the container after uploading the fonts.

