

# **Passenger flow management cloud platform**

## **《User's manual》**

**Version V1.0**

**2023.04.06.**

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## Declaration

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The parameters used in the screenshots shown in this manual are only for setting example reference and may not be completely consistent with the actual situation. Please set the parameters according to your actual needs.

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contact information

Manufacturer: Chengdu Huaxin Zhiyun Technology Co., Ltd

Address: Building 1-4021, No. 88 Tianchen Road, Gaoxin West District, Chengdu, Sichuan Province

Service hotline: 400-9010-980

Official website: [www.foori.cn](http://www.foori.cn) or [www.foori.com](http://www.foori.com)

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## 1. System introduction

### Summary:

The FOORIR passenger flow management cloud platform relies on online data uploading of "infrared passenger flow devices" and "binocular passenger flow devices", which can achieve data query and analysis of sub floors and areas such as parks, companies, stores, shopping malls, stations, hotels, etc. Through visualized numbers, curves, and graphics, user passenger flow data can be displayed intuitively. From daily passenger flow data, passenger flow KPIs, holiday passenger flow, high and low peaks, rankings, and trend analysis, Thermal diagram analysis. Users can query and browse data on cloud platforms according to their own needs.

### System business process:

#### 1. FOORIR Administrator

Business Process: Add Company - Enable Company - Grant Permissions

#### 2. Company administrator account

Business Process 1: Add Store/Subordinate Agent Architecture - Create Employee Account - Grant Permissions - Global Data Query

Business Process 2: Add Entity - Add Entry/Exit - New Device - Device Binding Entry/Exit

## 2. Employee Account - Data Query

Business Process: Entity Data Query

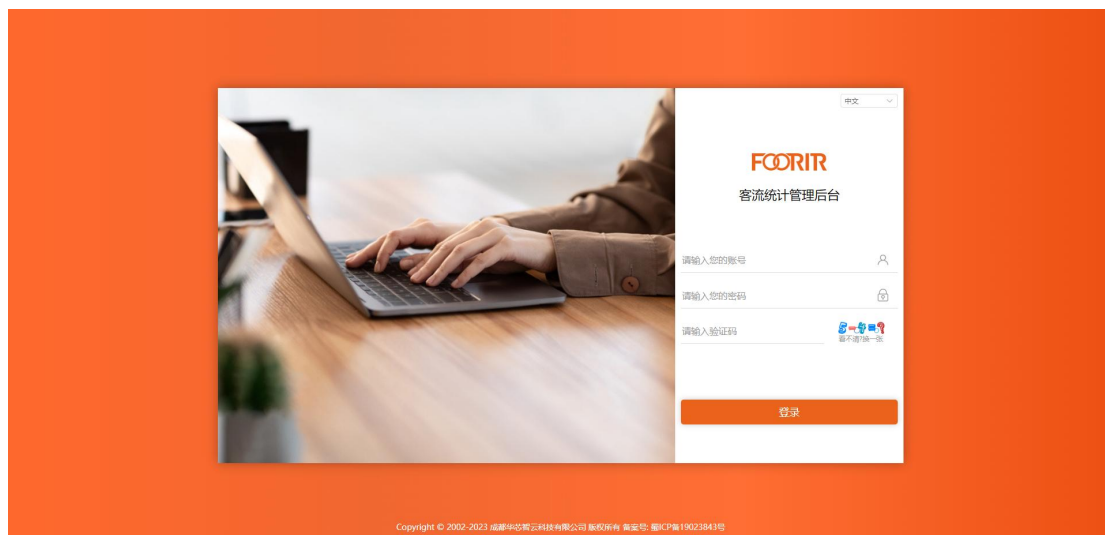
### FOORIR Administrator User

#### 1. Account login

Enter the internet address of the passenger flow platform

<http://vf.foorir.cn/>

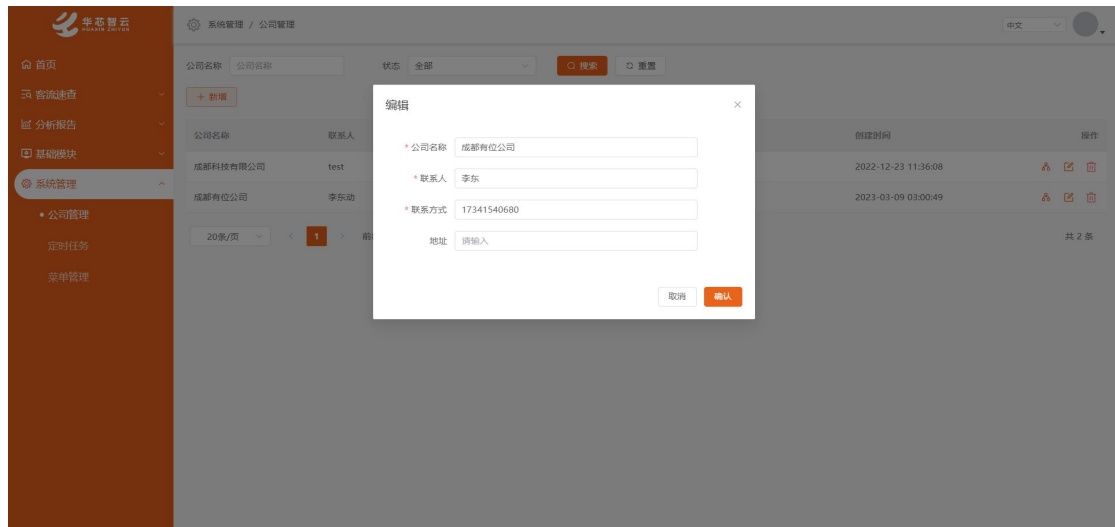
Log in to the administrator account/password.



#### 2、New added company

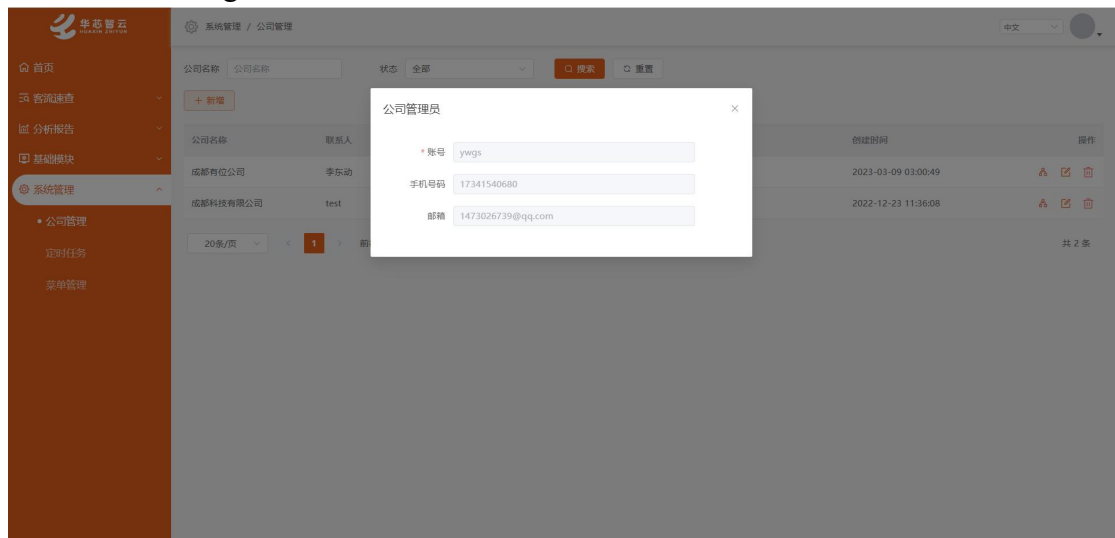
Log in to the system, select System Management Company

Management New, fill in the information, and save it.



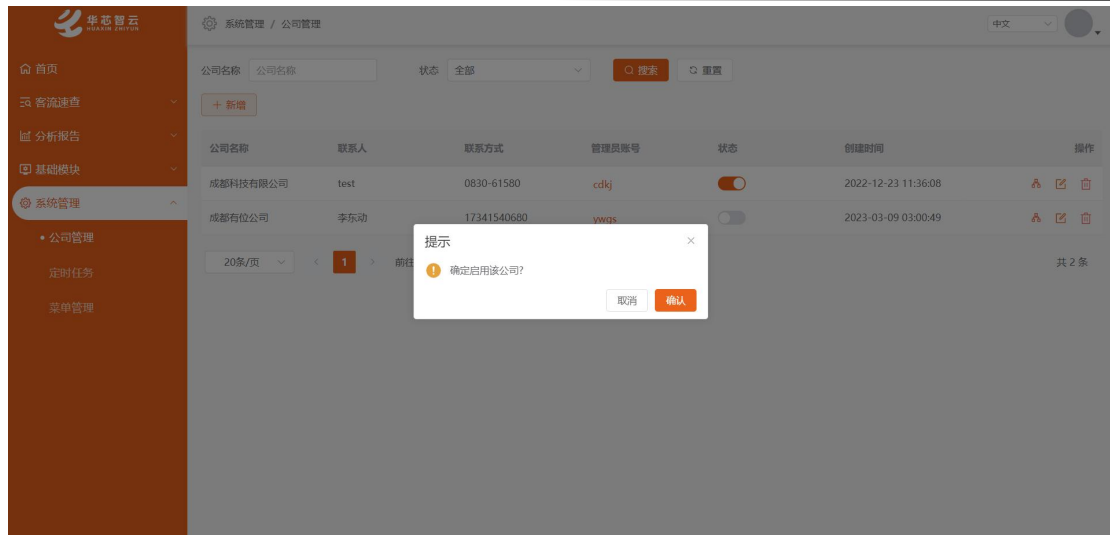
### 3、 Create a company administrator


Create a company administrator account, default login password is: 888888, it can be modified after login.

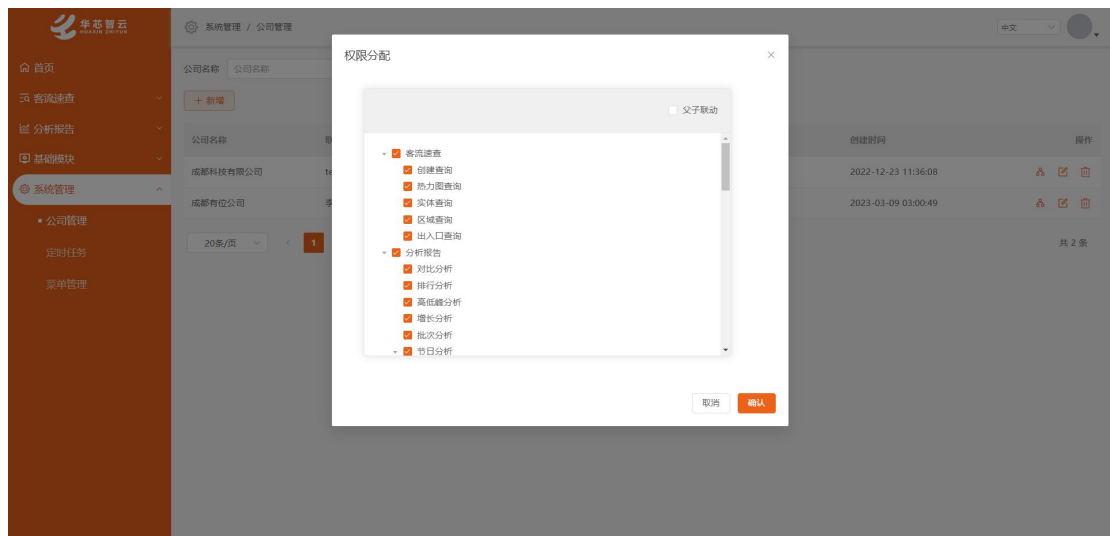


### 4、 Enable company and grant permissions

In the list, if the status is selected as enabled, it means that the company is enabled.



Click on the right side  , Grant the company permission to use the functions.

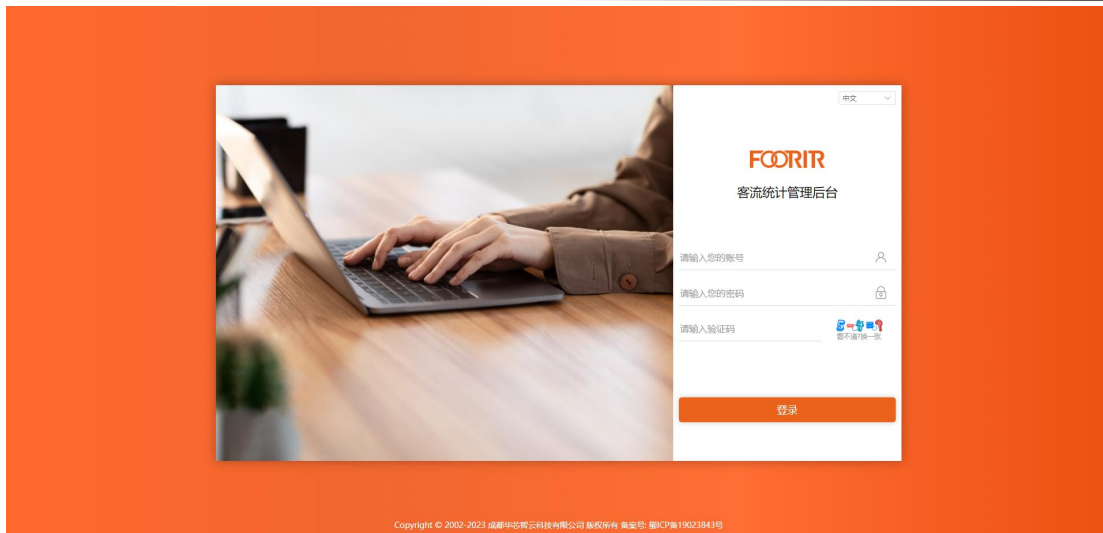


## Chapter 3: Company Administrator Users

### 1. Account login

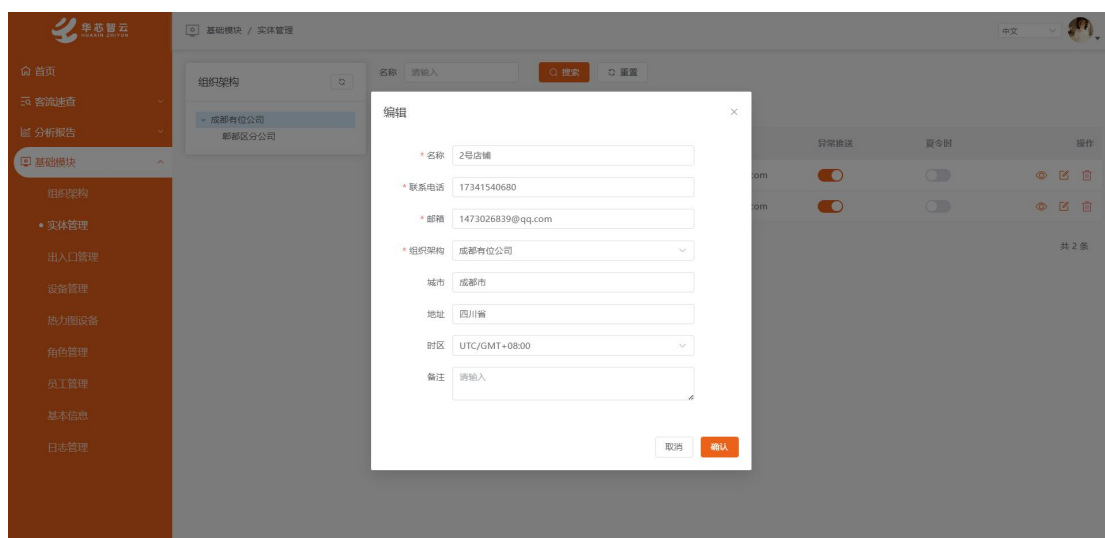
Enter the internet address of the passenger flow platform <http://vf.foorir.cn/> Login to the account password distributed by FOORIR company.



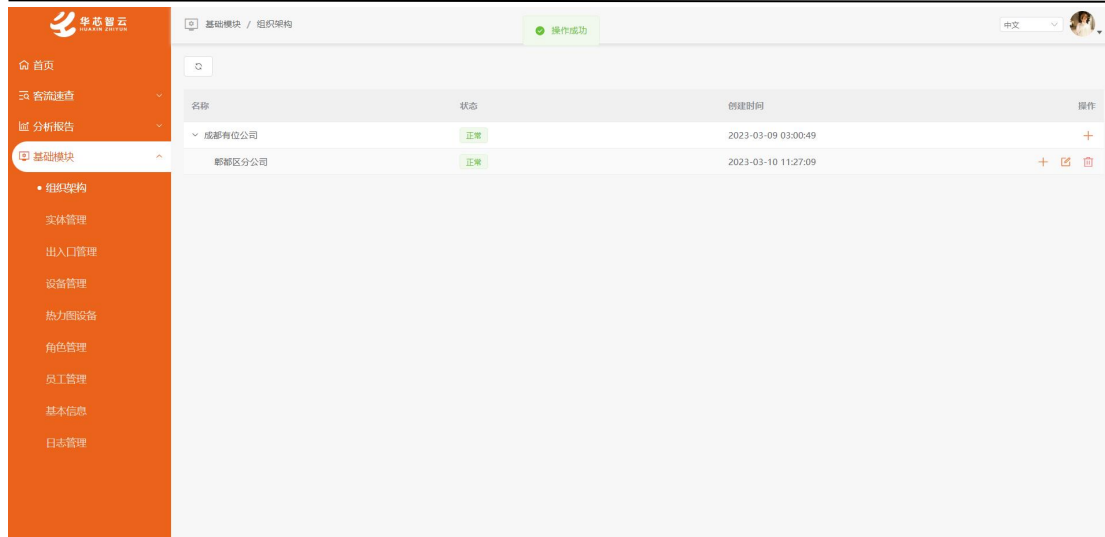


## 2、 Add new stores/branches

Log in to the system, select Basic Module - Entity Management - Add Store, fill in store information, and save.

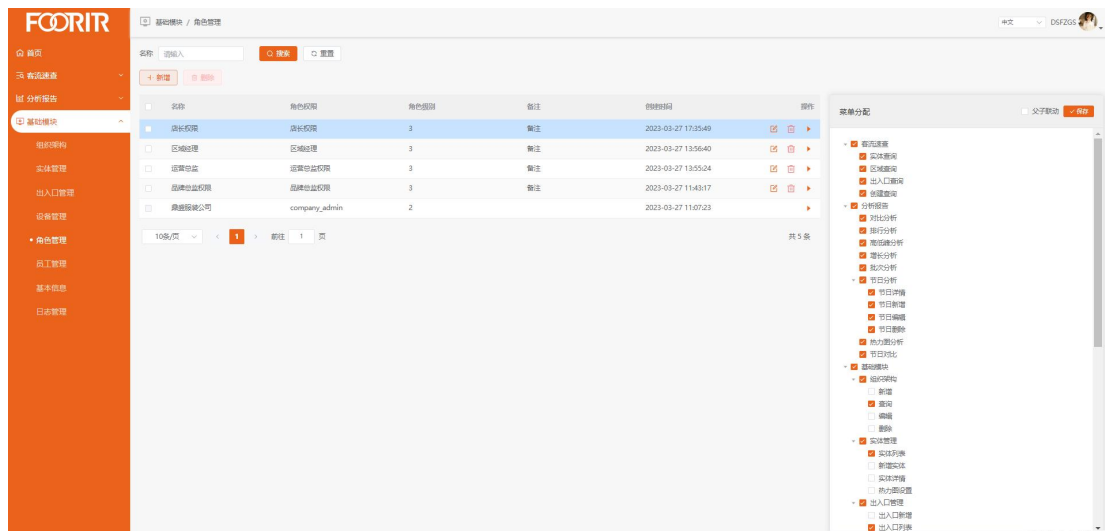


If there are branches in the company, log in to the system, select Basic Module - Organizational Structure, add the name of the branch, and save it.



### 3、 Add employee role permissions

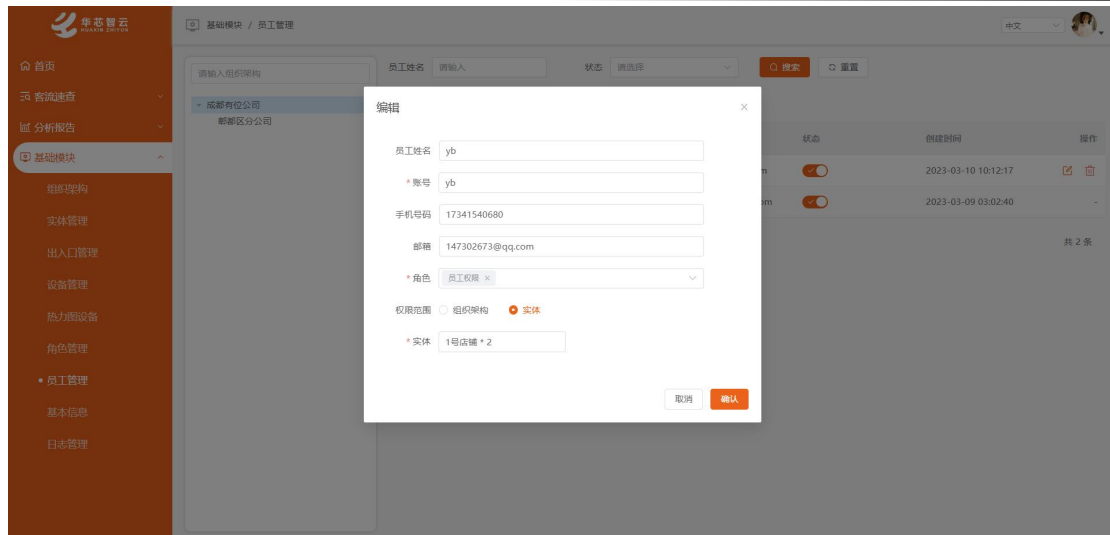
In role management, add - employee access to system functions and authorization nodes, as shown in the figure.



### 4、 Employee Management

After adding a new store, select Employee Management, add employees, fill in employee information, and grant employee permissions.

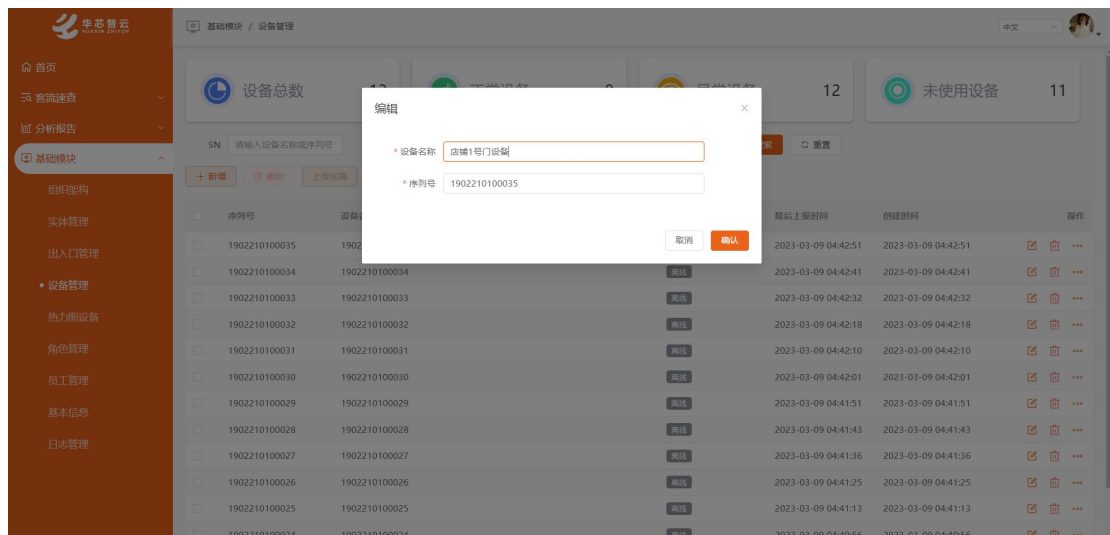
This step is completed, and employees can use this account for homepage viewing, customer flow KPI, holiday customer flow, trend analysis, customer flow quick check, and analysis report functions.



## 5、 Device management

Company accounts can add customer flow devices to the store, or employee accounts can be used to add customer flow devices to the store. However, administrators need to bind the devices to the entrance and lower level employee accounts in order to view them.

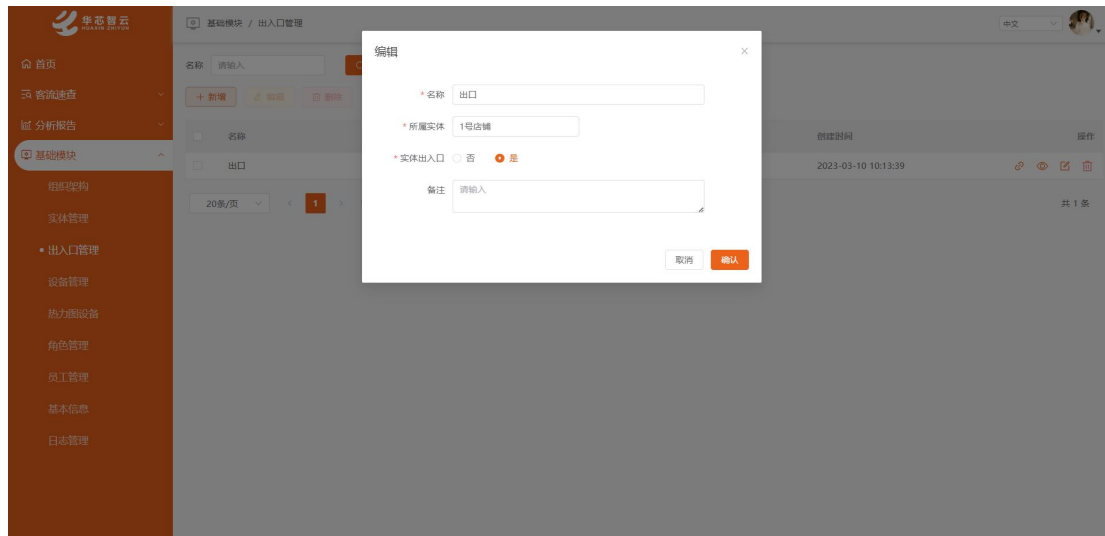
Select Device Management, fill in the device number, device name, and save it.




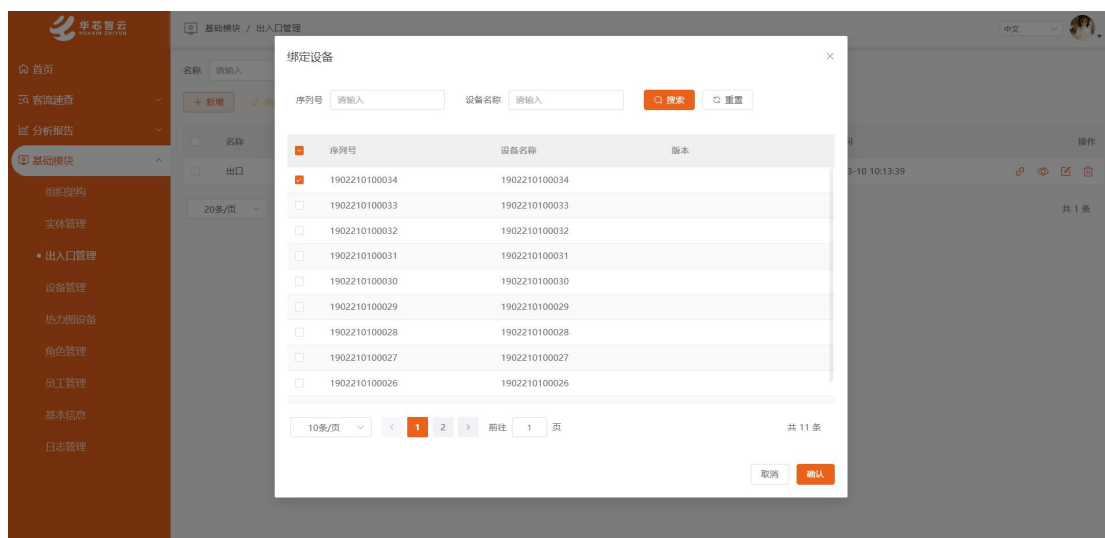
## 6、 Entrance and exit management

Company account, you can create a new store or lower level entrance/exit, select entrance/exit management, add corresponding entrances/exits, and whether it is a physical entrance/exit. You need to select Yes and save it.

Only when 'Yes' is selected for the physical entrance and exit, will the entrance and exit be accounted for in the homepage data statistics.



After creating the entrance and exit, select  the button to bind the passenger flow device. Once the binding is complete, subordinates can automatically generate data for the store or area on the homepage based on the device bound by the administrator.



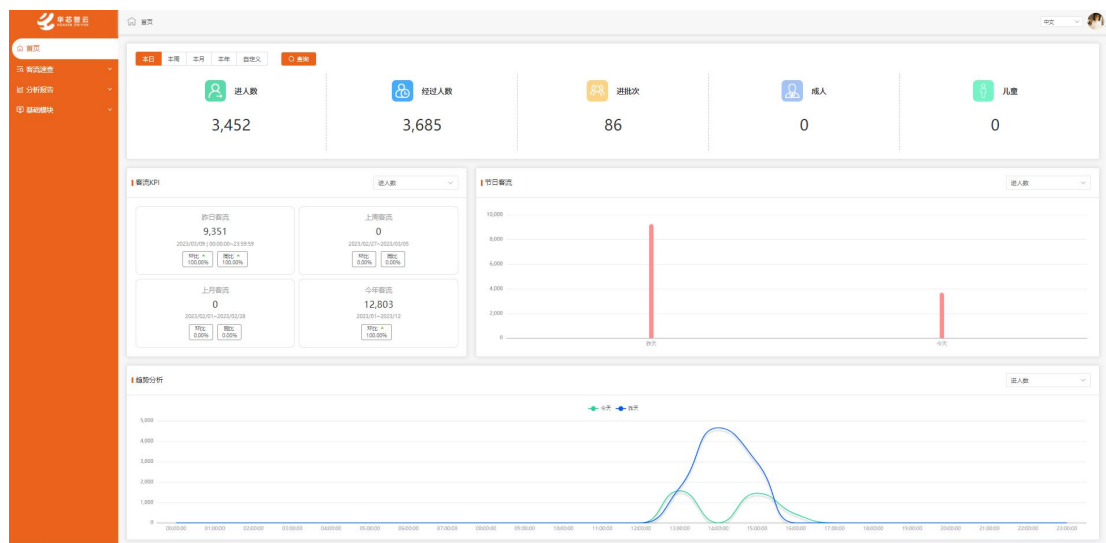
## 7. Store data browsing (homepage)

Data query: The default display is the data of the current day, and you can switch between this week, this month, and this year KPI of passenger flow: yesterday's passenger flow, last week's passenger

flow, month on month passenger flow, year-on-year passenger flow, and month on month passenger flow this year.

Holiday customer flow: Customization can be created through customer flow quick check holiday analysis. Multiple festivals form a contrast.

Trend analysis: Compare today's data with yesterday's data by hour.

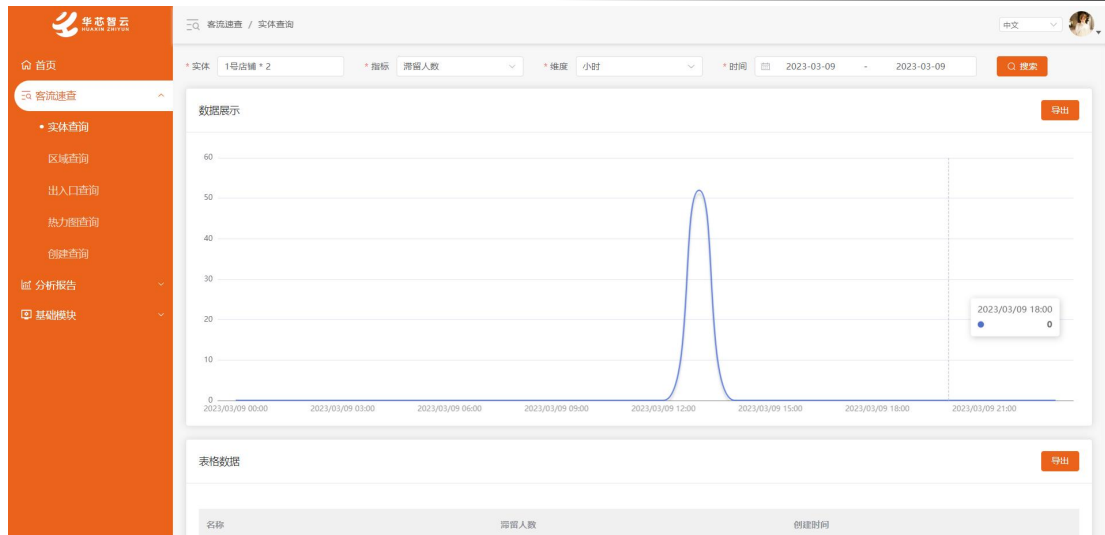


## 7、 Quick Check of Passenger Flow

Entity Query:

You can query the data of a certain store, or you can query the data of two stores simultaneously, or you can select several stores from two branches for query.

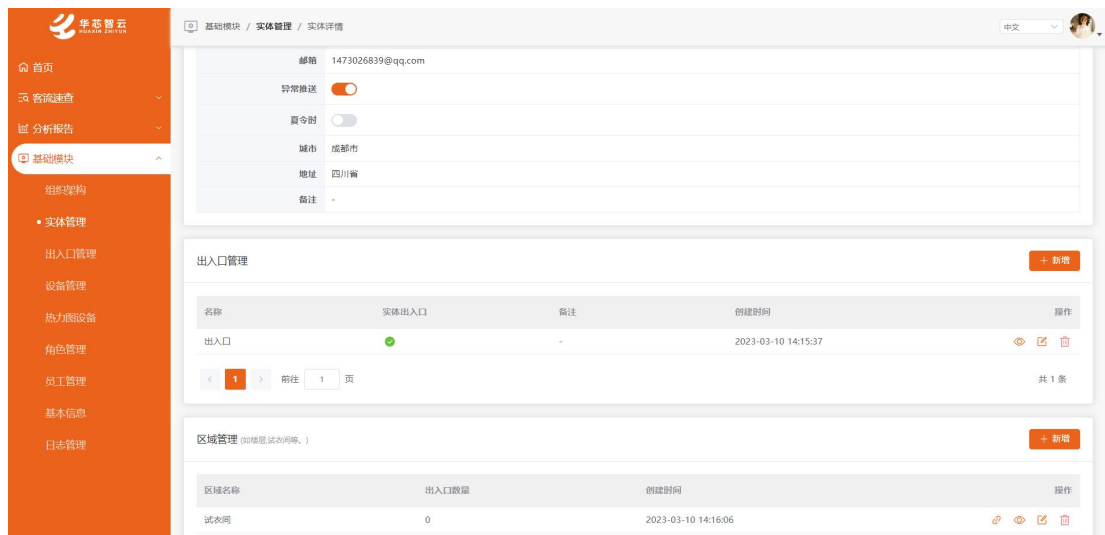
The company account can customize and select corresponding stores, indicators, time, and dimensions according to needs for querying and data curve comparison.



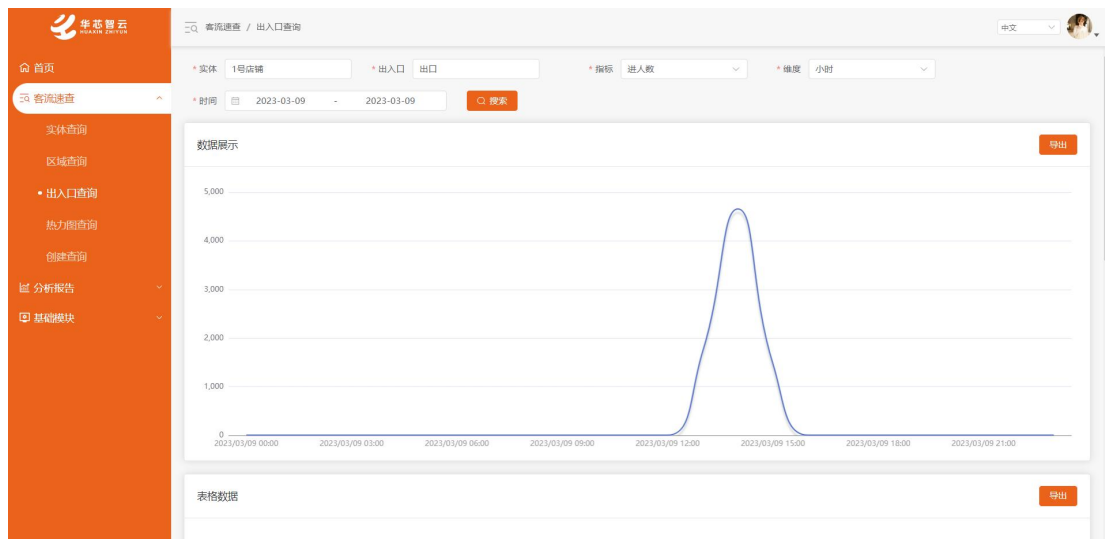
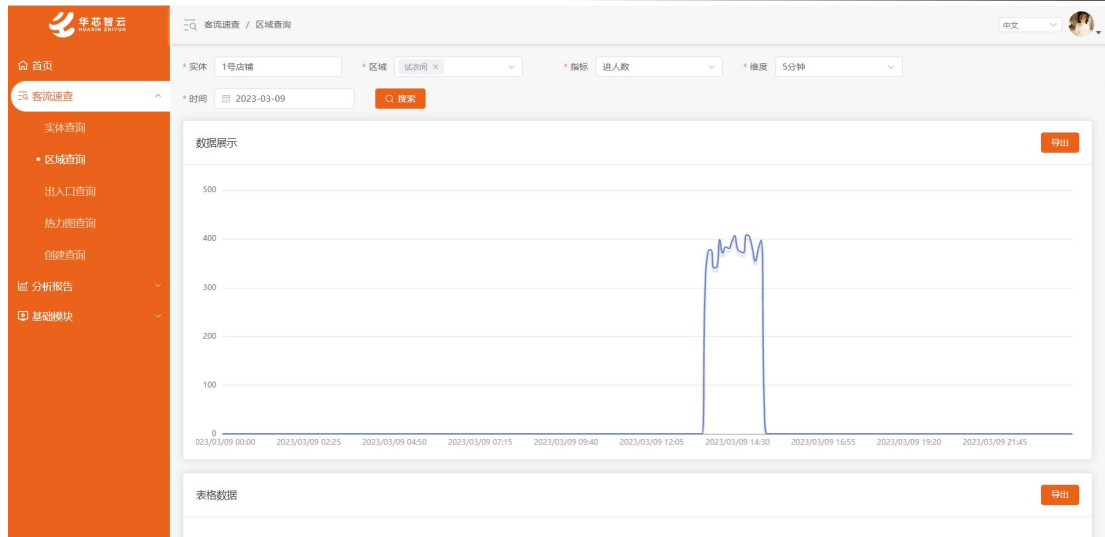
Regional query:

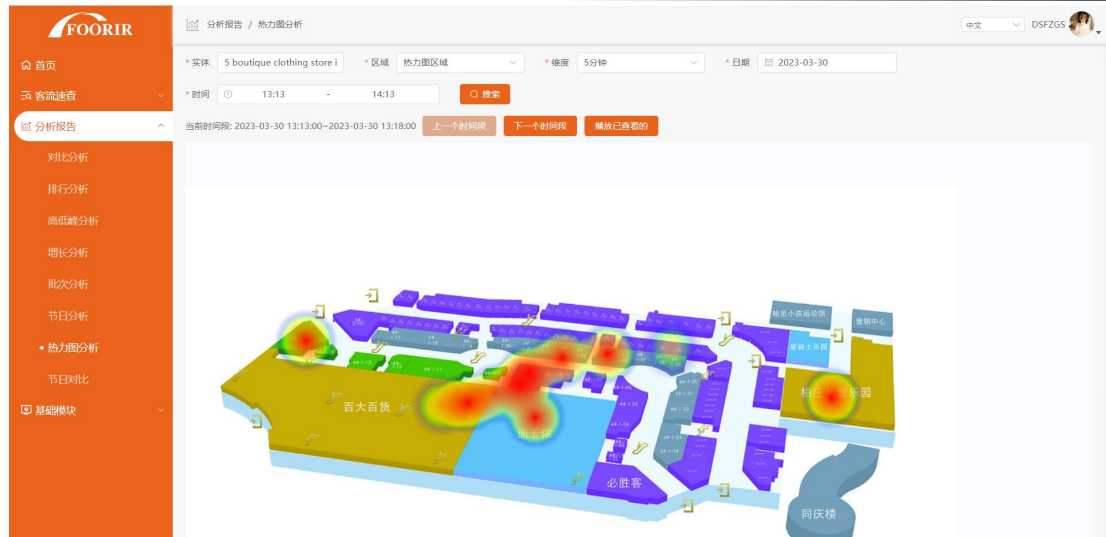
The meaning of this area is a fitting room, restroom, and other areas under the store.

Create an area for the store, click on the icon for entity management, enter entity details creation, and bind the devices in that area.



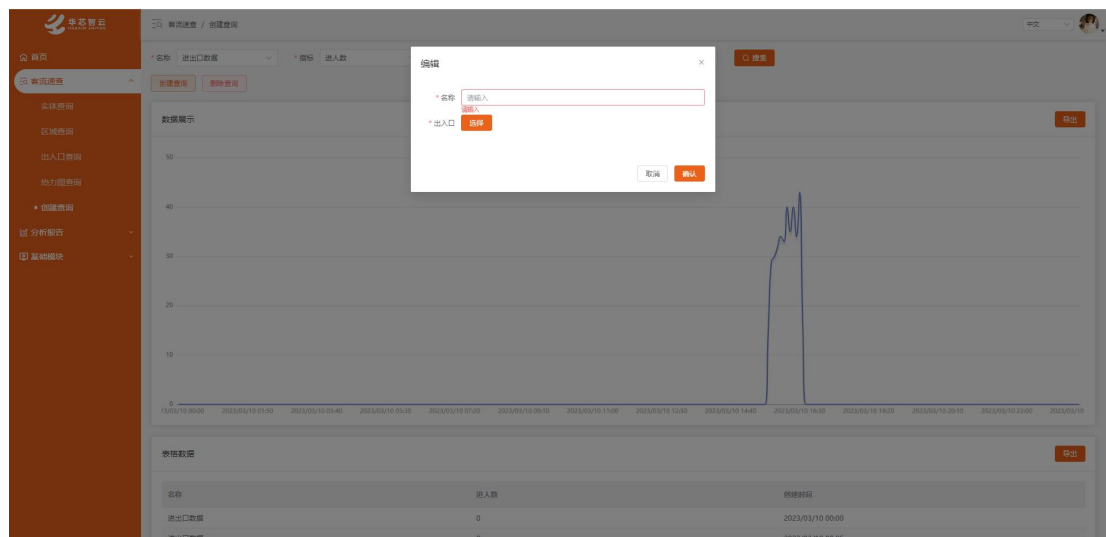
Regional query, based on the selected store, corresponding location, and the number of people curve in one or more regions.





Create query:

Create a query that allows you to create a query for multiple stores, entrances, and exits. Once created, it can be displayed in a drop-down list for the convenience of the next query.



## 8、分析报告

**对比分析:**

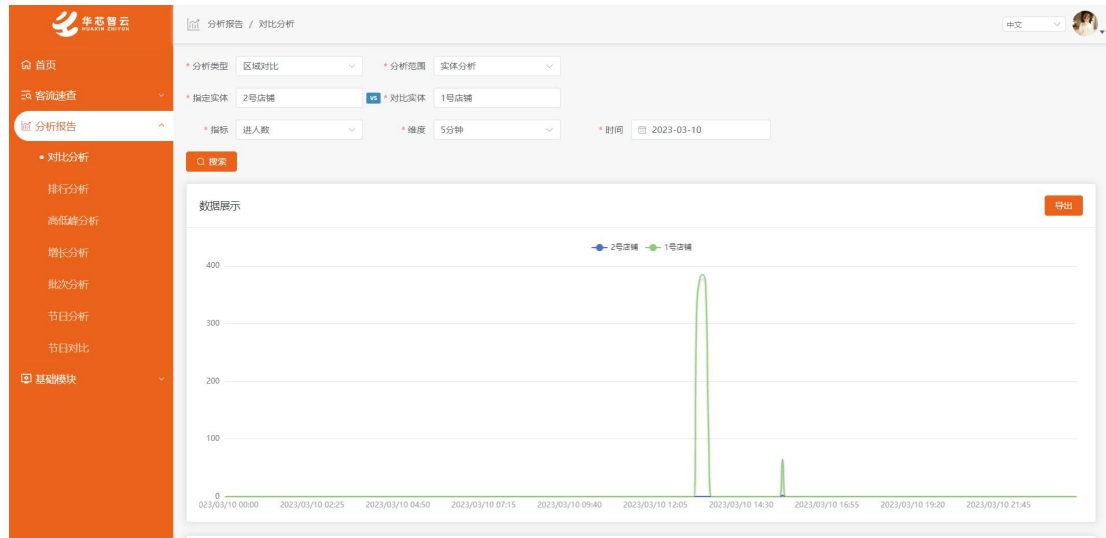
Comparative analysis:

It can conduct multi-dimensional analysis, such as entity analysis, regional analysis, and entrance and exit analysis.



A. Single store analysis and data curve analysis can be conducted on the entrances and exits/certain areas within the store, at different time periods.

## B. Comparable data from multiple stores



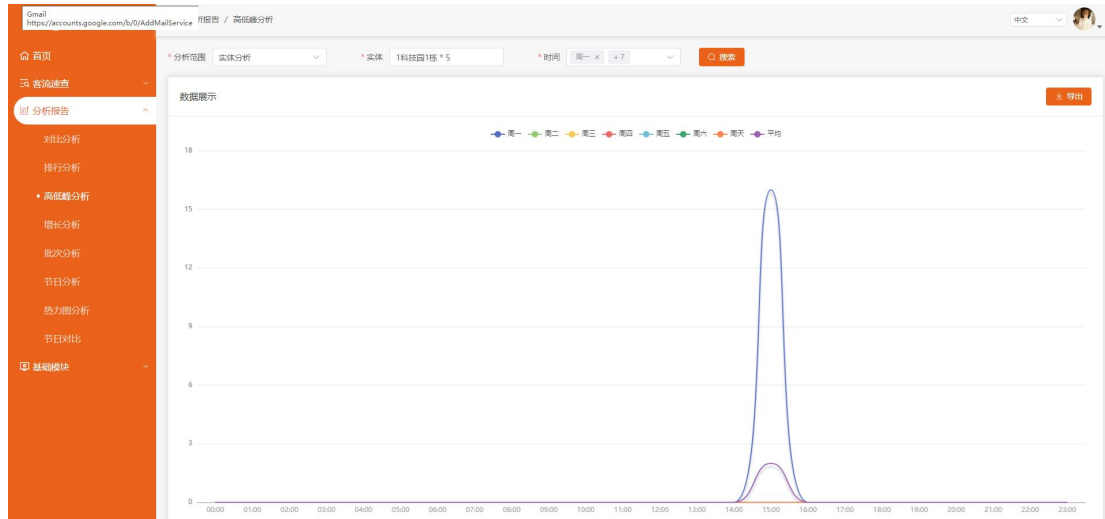
### Ranking analysis:

Perform comparative analysis of data rankings for multiple stores based on customized queries.

序号	实体	进人数	经过人数	成人	儿童
1	1号店铺	2551	2786		
2	2号店铺	78	101		

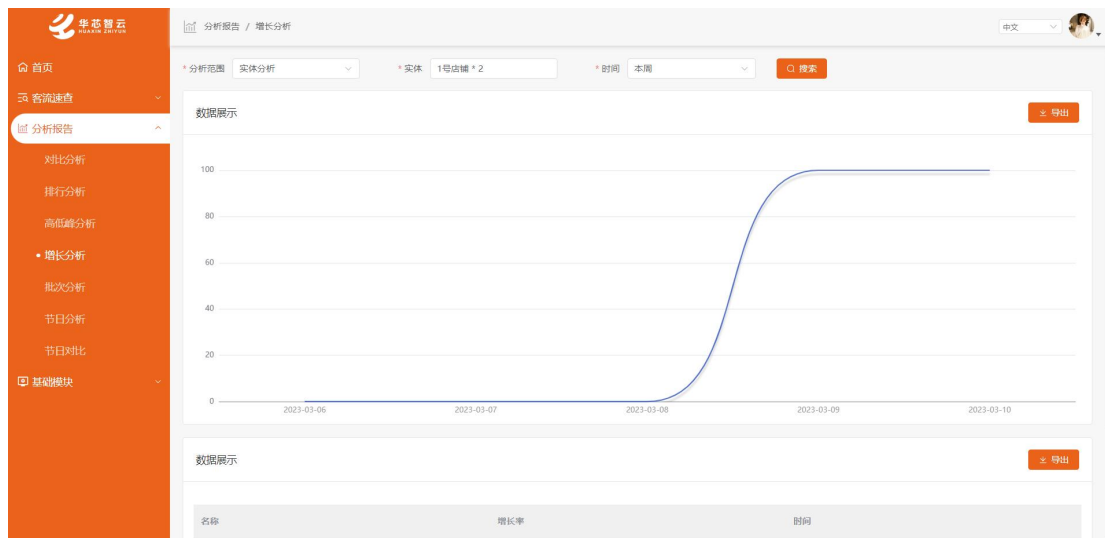
### High and low peak analysis:

You can compare the high and low peaks of multiple stores or the previous week's peak values of a single store by selecting a store.



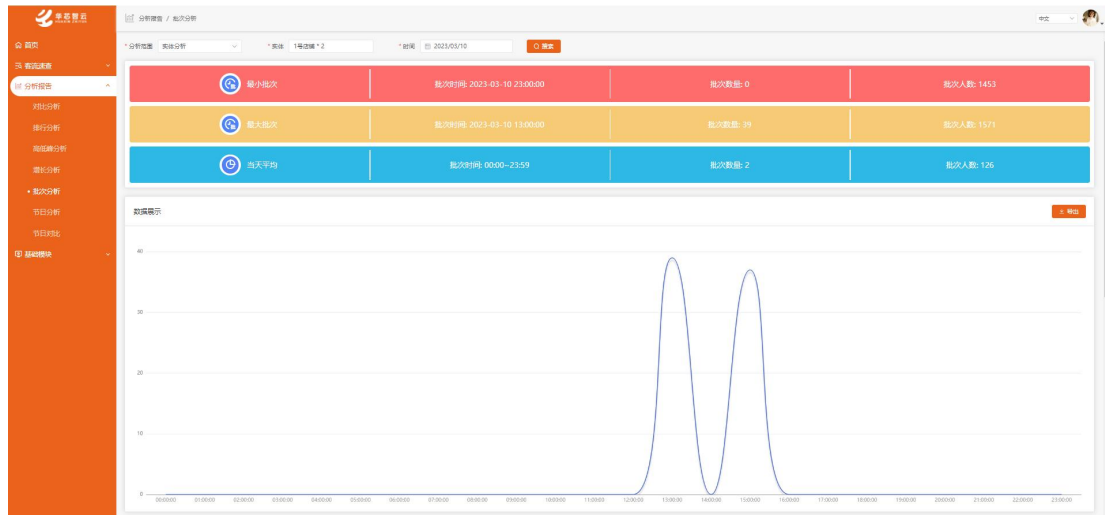
## Growth analysis:

Multiple stores can be selected, and the growth rate can be obtained by comparing the data from the previous week with last week, this month, and last month, such as February 1st and January 1st.



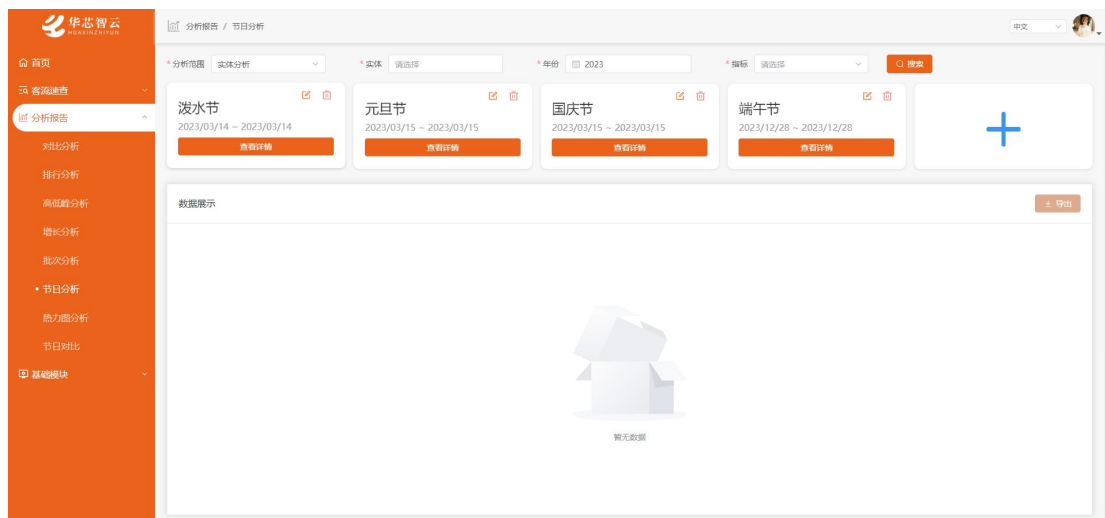
## Batch analysis:

By selecting a certain store and time, the maximum and minimum batches of the store on that day, as well as time periods without data, can be queried.



### Holiday analysis:

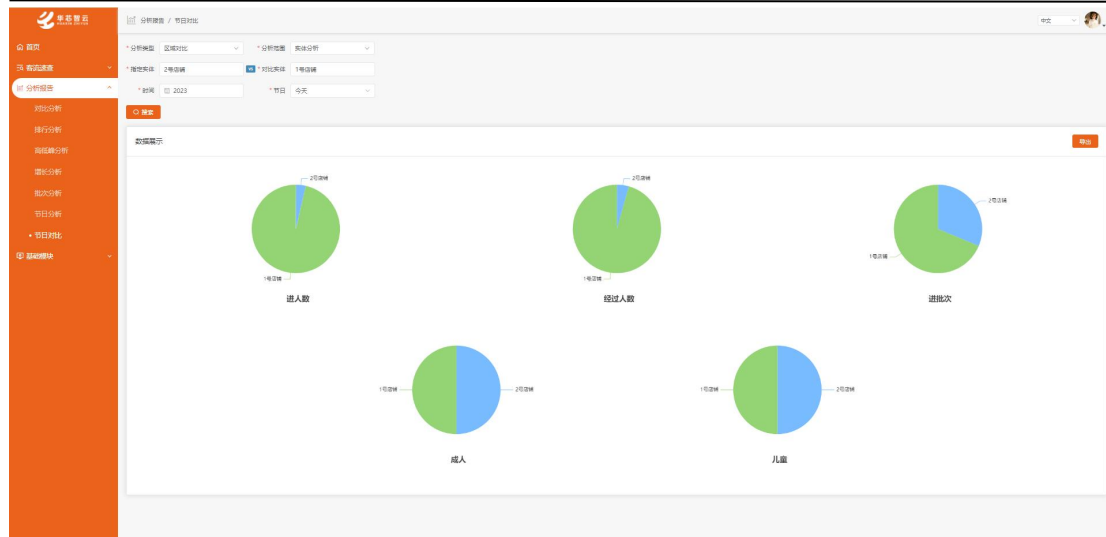
By creating specific festivals and displaying them on the homepage, if the time is the same as last year, the festivals from last year can also be inherited.



### Festival comparison:

You can choose two stores for comparison by comparing their holiday data.

You can also choose multiple festivals and compare the data of each festival in the store.



## 9、 Remote configuration of binocular passenger flow

Binocular passenger flow can be remotely configured through the platform, adjusting configuration items such as detection height, detection line, and detection area.

The screenshot shows the '设备管理' (Device Management) page in the FOORIR system. It features a summary of device status and a table of device details.

**设备管理 Summary:**

- 设备总数: 97
- 正常设备: 53
- 离线设备: 44
- 未使用设备: 13

**设备列表 Table:**

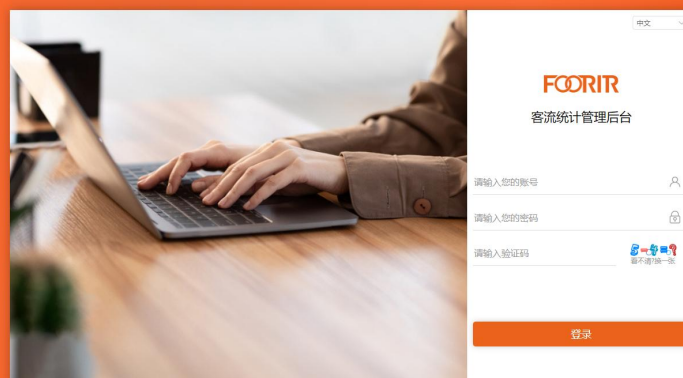
序号	设备名称	设备类型	型号	实体	版本	状态	最后上报时间	创建时间	操作
201000002204010021	测试虚拟设备	双目客流	HX-CCD22	实体-3F消防梯	-	在线	2023-04-12 1...	2023-0...	上传记录 上传初稿 查看详情 重启 删除网络 升级 设备设置
201000002207220021	test_MISSLI店铺	双目客流	HX-CCD22	MISSLI店铺	-	在线	2023-04-12 1...	2023-0...	



## 第一章、员工用户 Chapter 4: Employee Users

### 1、Account login

Enter the internet address of the passenger flow platform <https://huaxinlot.com>, Login employee account password/verification code



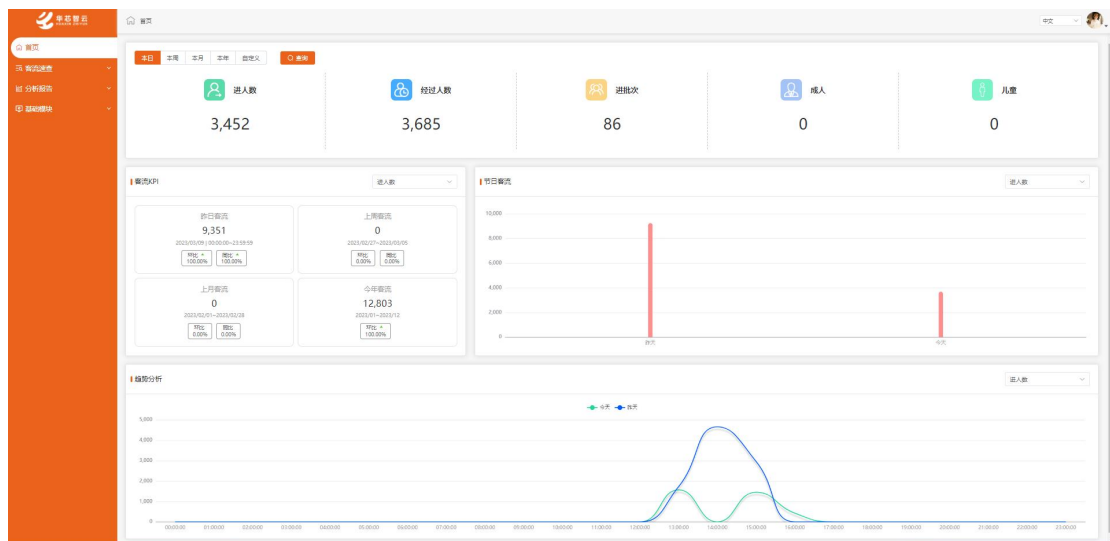
## 2、Store data browsing (homepage)

Data query: The default display is the data of the current day, and you can switch between this week, this month, and this year

KPI of passenger flow: yesterday's passenger flow, last week's passenger flow, month on month passenger flow, year-on-year passenger flow, and month on month passenger flow this year.

Holiday customer flow: Customization can be created through customer flow quick check holiday analysis. Multiple festivals form a contrast.

Trend analysis: Compare today's data with yesterday's data by hour.

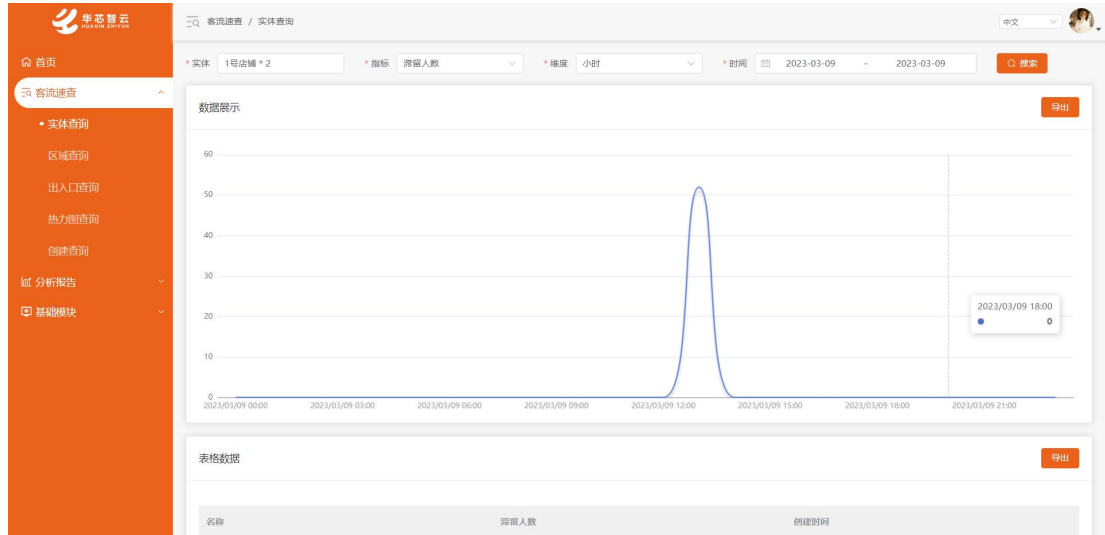


## 3、Quick Check of Passenger Flow

### Entity Query:



You can query the data of a certain store, or you can query the data of two stores simultaneously, or you can select several stores from two branches for query.

The company account can customize and select corresponding stores, indicators, time, and dimensions according to needs for querying and data curve comparison.



## Regional query:

The meaning of this area is a fitting room, restroom, and other areas under the store.

Create an area for the store, click  on the icon for entity management, enter entity details creation, through  and bind the devices in that area.

基础模块 / 实体管理 / 实体详情

邮箱 1473026639@qq.com

异常推送

夏令时

城市 成都市

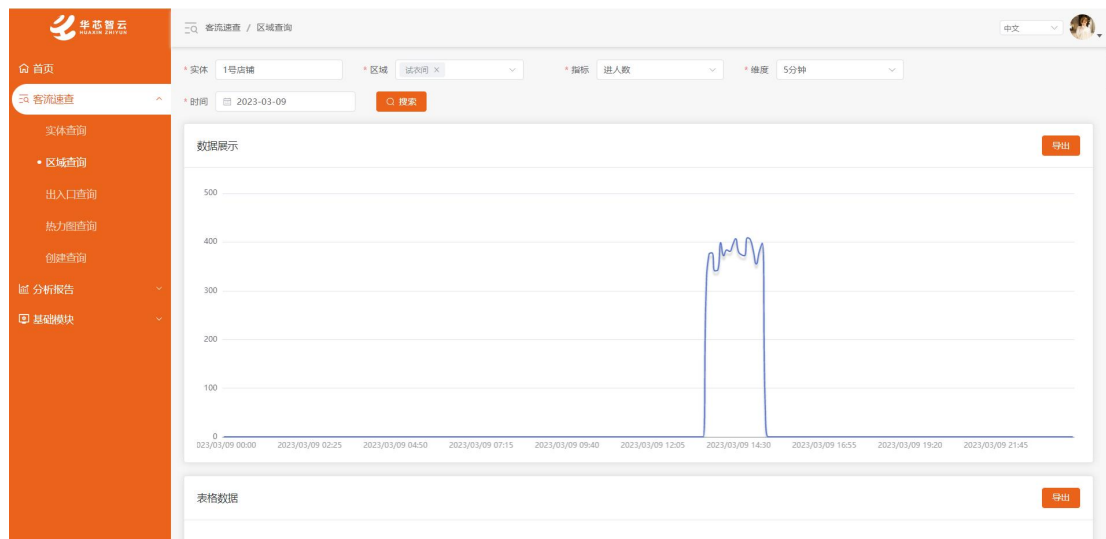
地址 四川省

备注 -

区域管理 (新增)

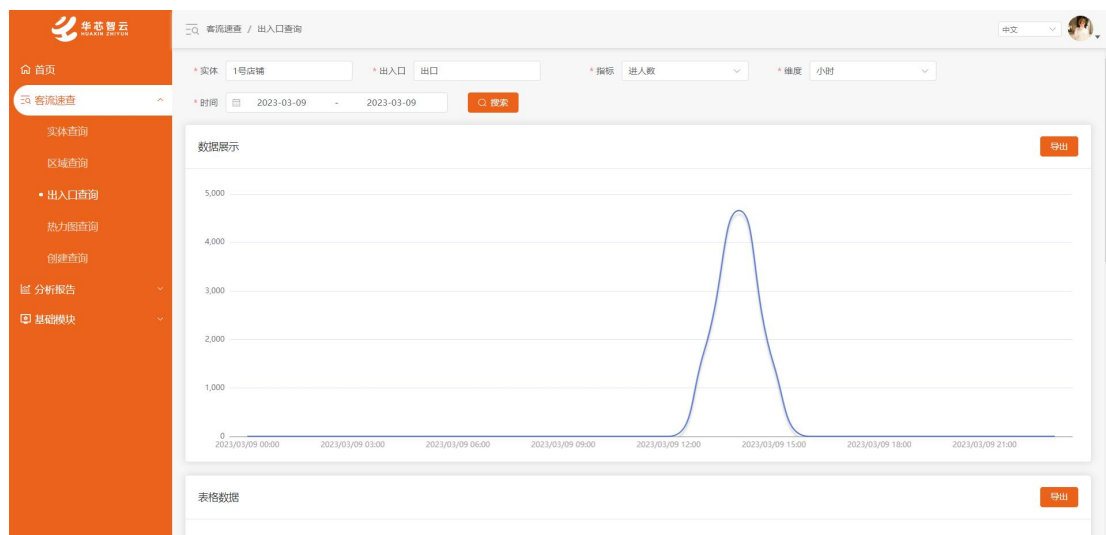
区域名称	出入口数量	创建时间	操作
试衣间	0	2023-03-10 14:16:06	

Regional query, based on the selected store, corresponding location, and the number of people curve in one or more regions.



### Entry and exit query:

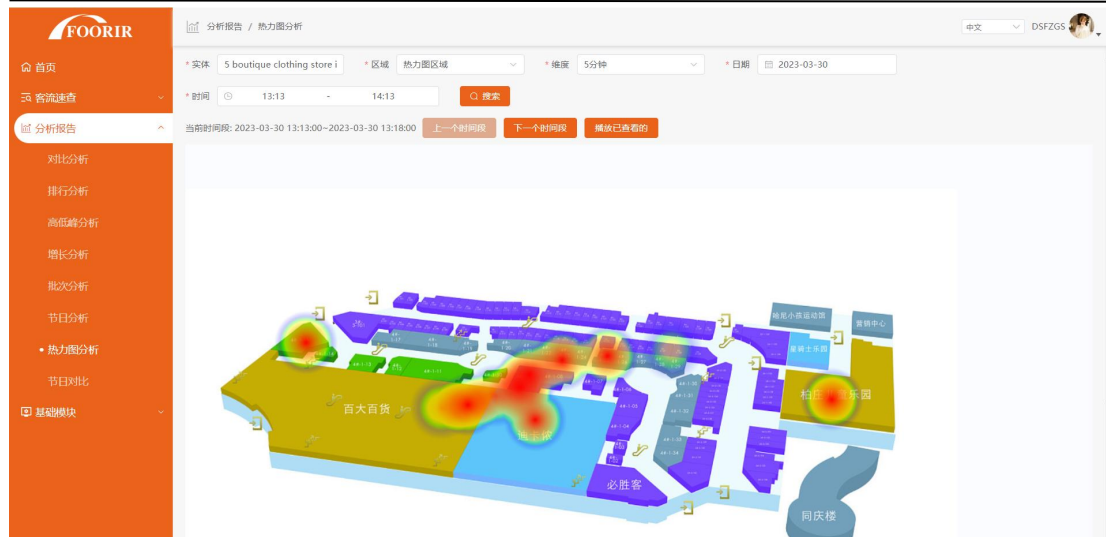
Entry and exit query, which can query the entry and exit data of a single store based on indicator type and time period



### Heat map query:

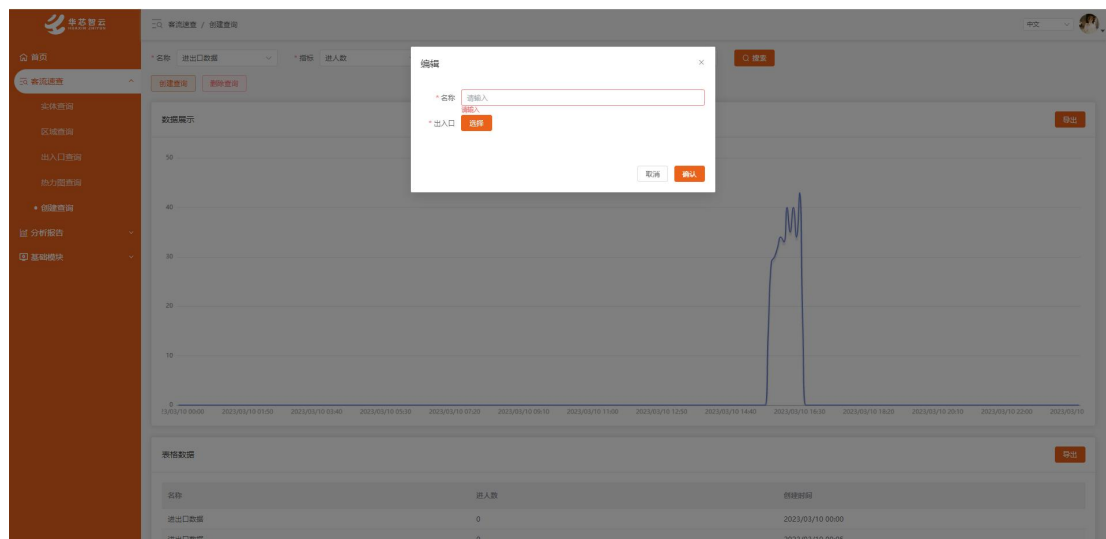
Heat map query, the system uploads heat map information based on binocular passenger flow, and displays it when users search for stores.





## Create query:

Create a query that allows you to create queries for multiple stores, entrances, and exits, making it convenient for the next query.



## 4、 Analysis report

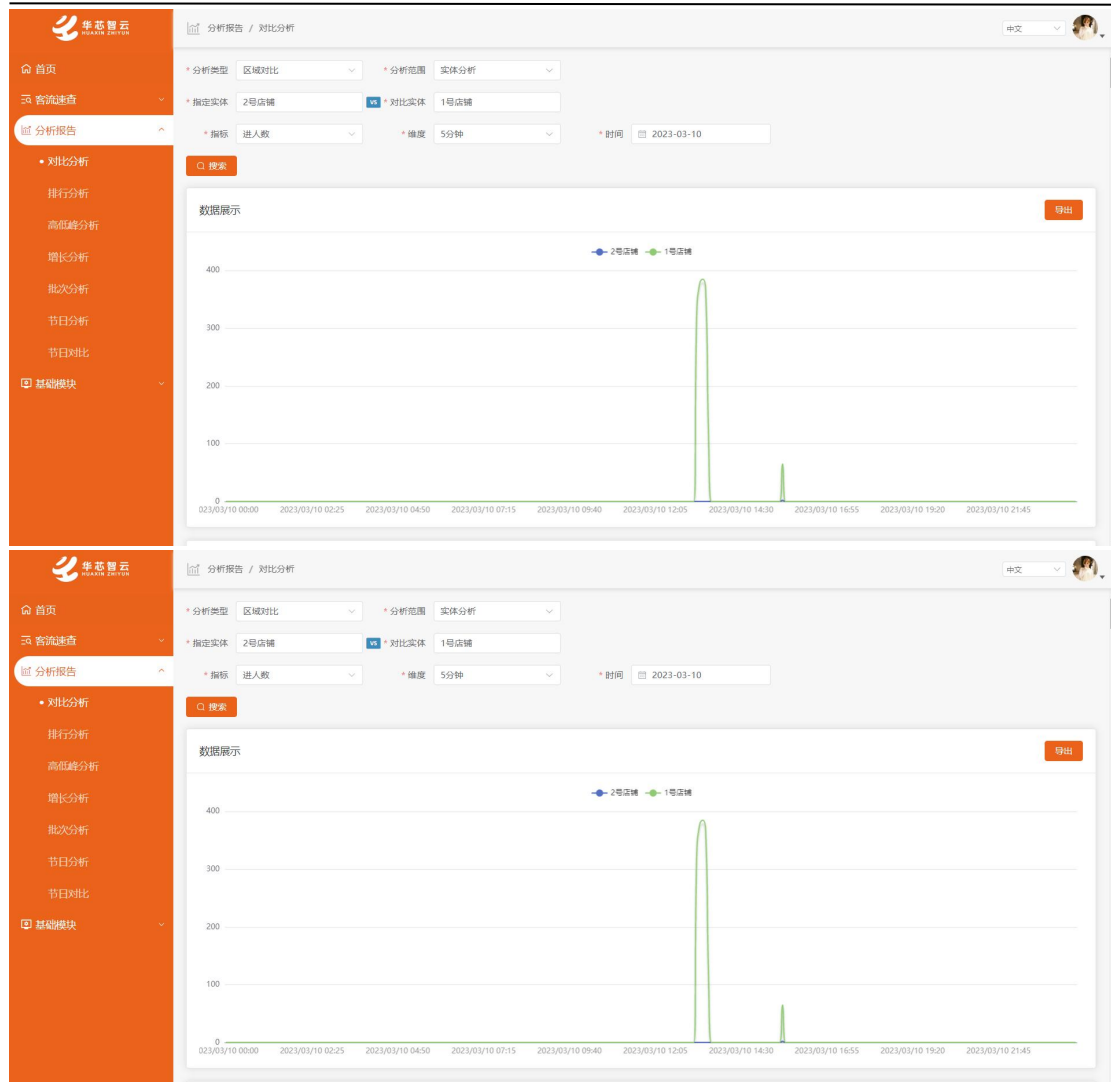
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Comparative analysis:

It can conduct multi-dimensional analysis, such as entity analysis, regional analysis, and entrance and exit analysis.

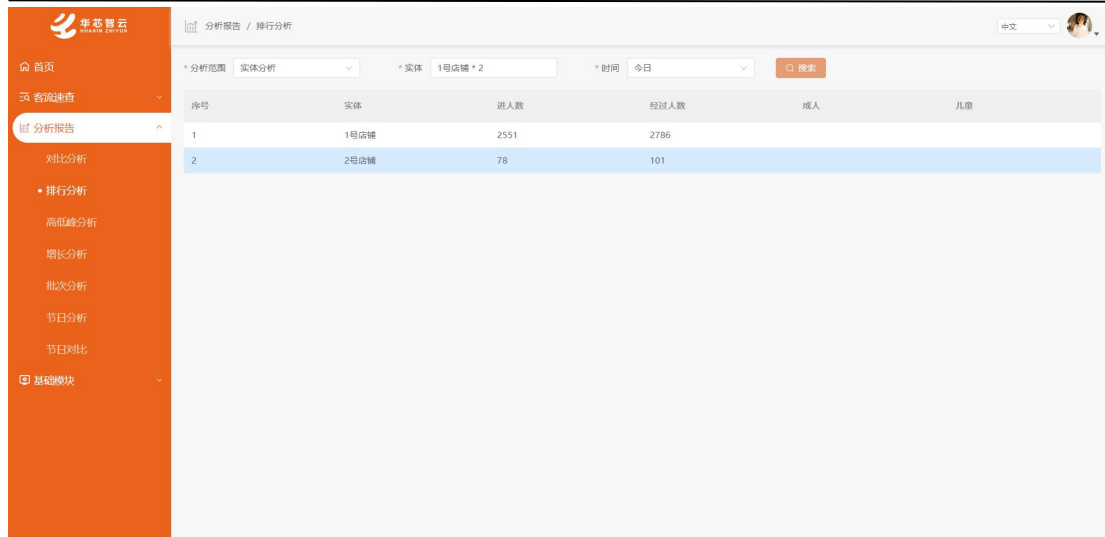
A. Single store analysis and data curve analysis can be conducted on the entrances and exits/certain areas within the store, at different time periods.

B. Can be compared with data from multiple stores.

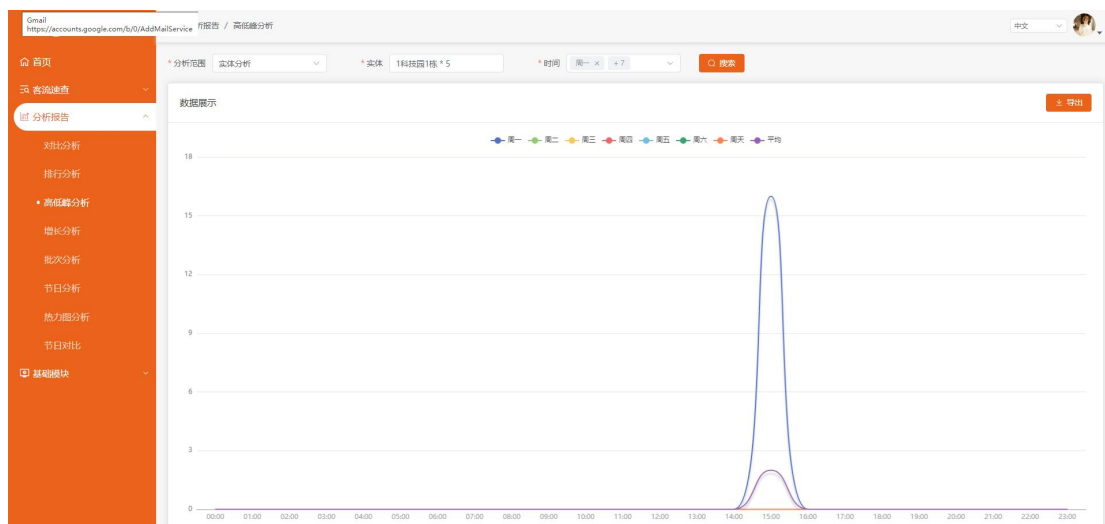


Ranking analysis:

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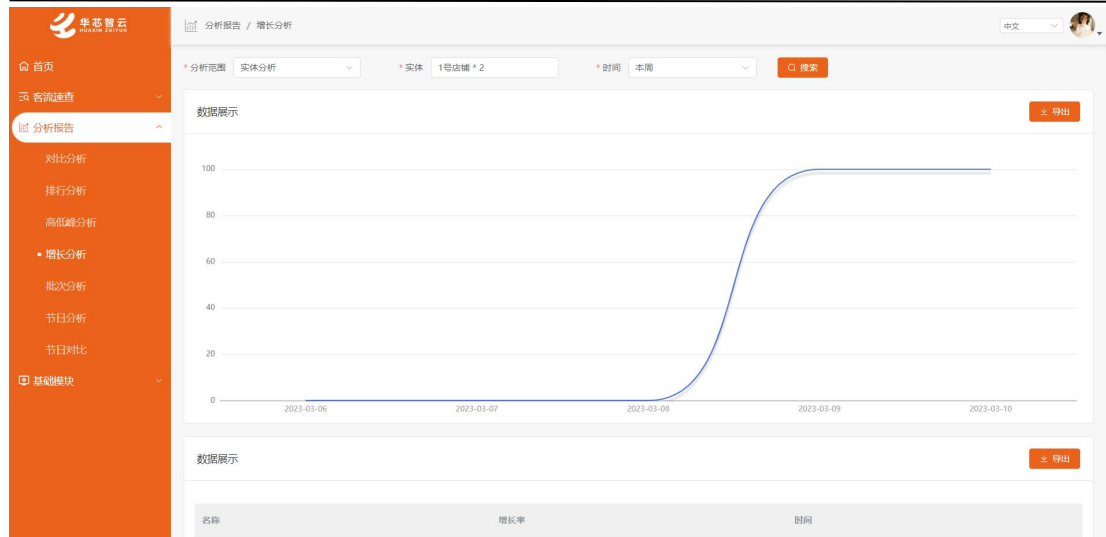


You can compare the high and low peaks of multiple stores or the previous week's peak values of a single store by selecting a store.



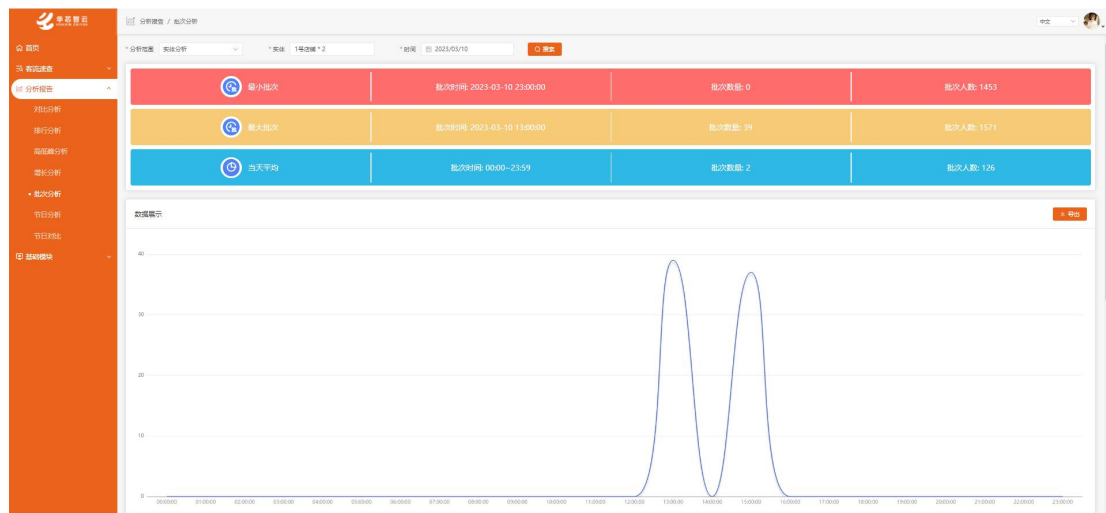
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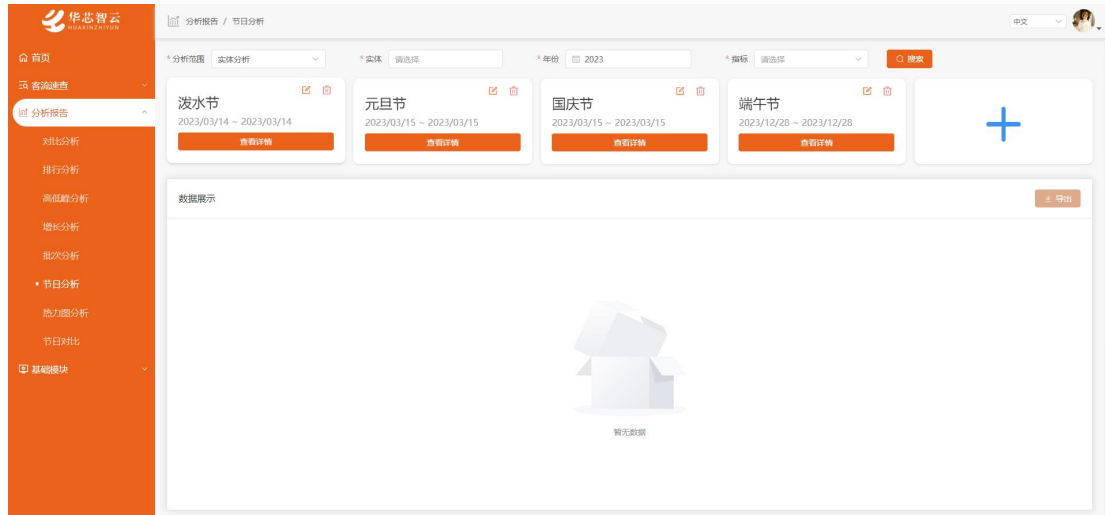
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Festival comparison:

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You can also choose multiple festivals and compare the data of each festival in one store.

