

DE Technology• Smart Screen Management Platform Introduction

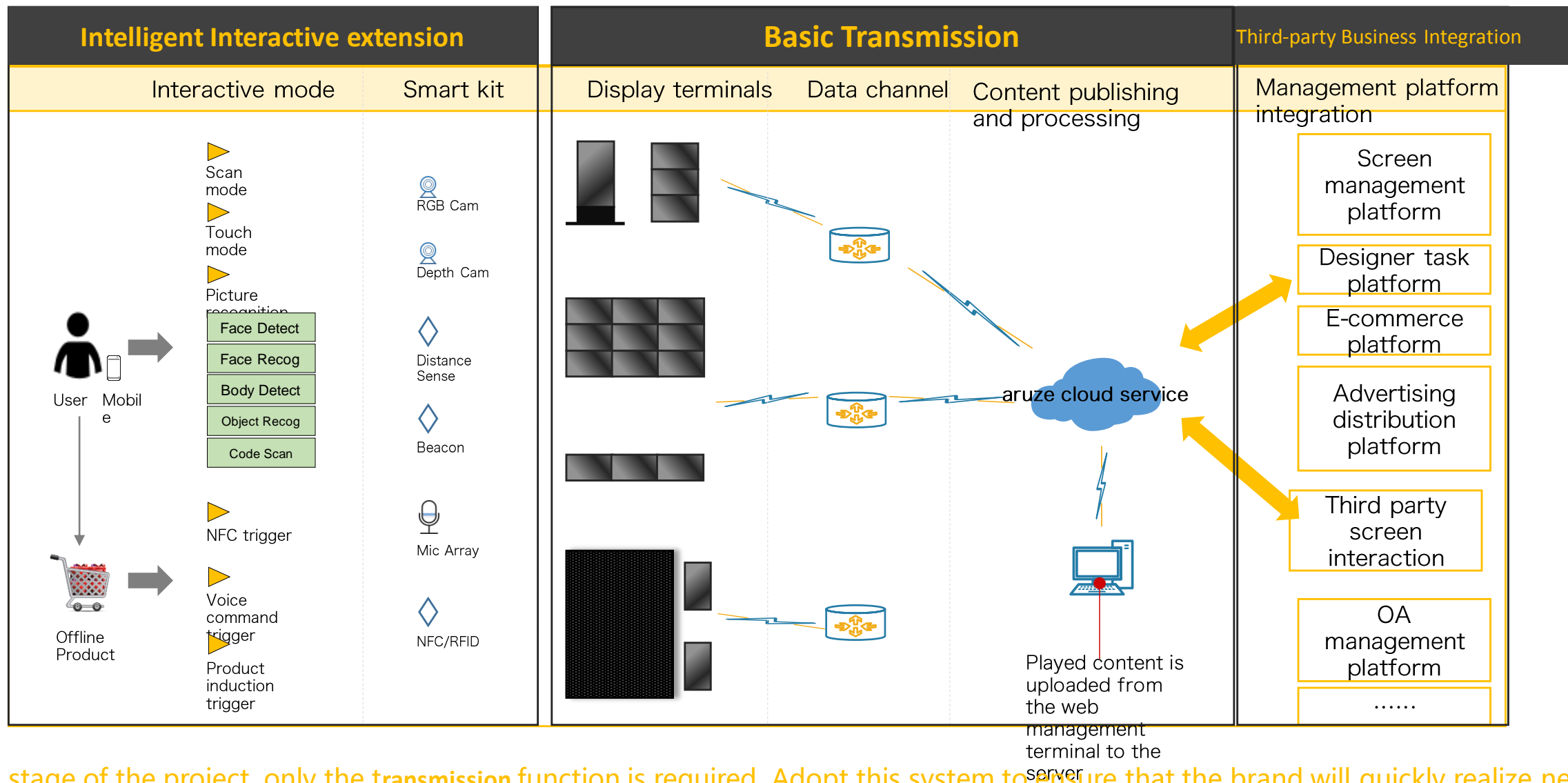
2019 – 03 - 18

PART ONE



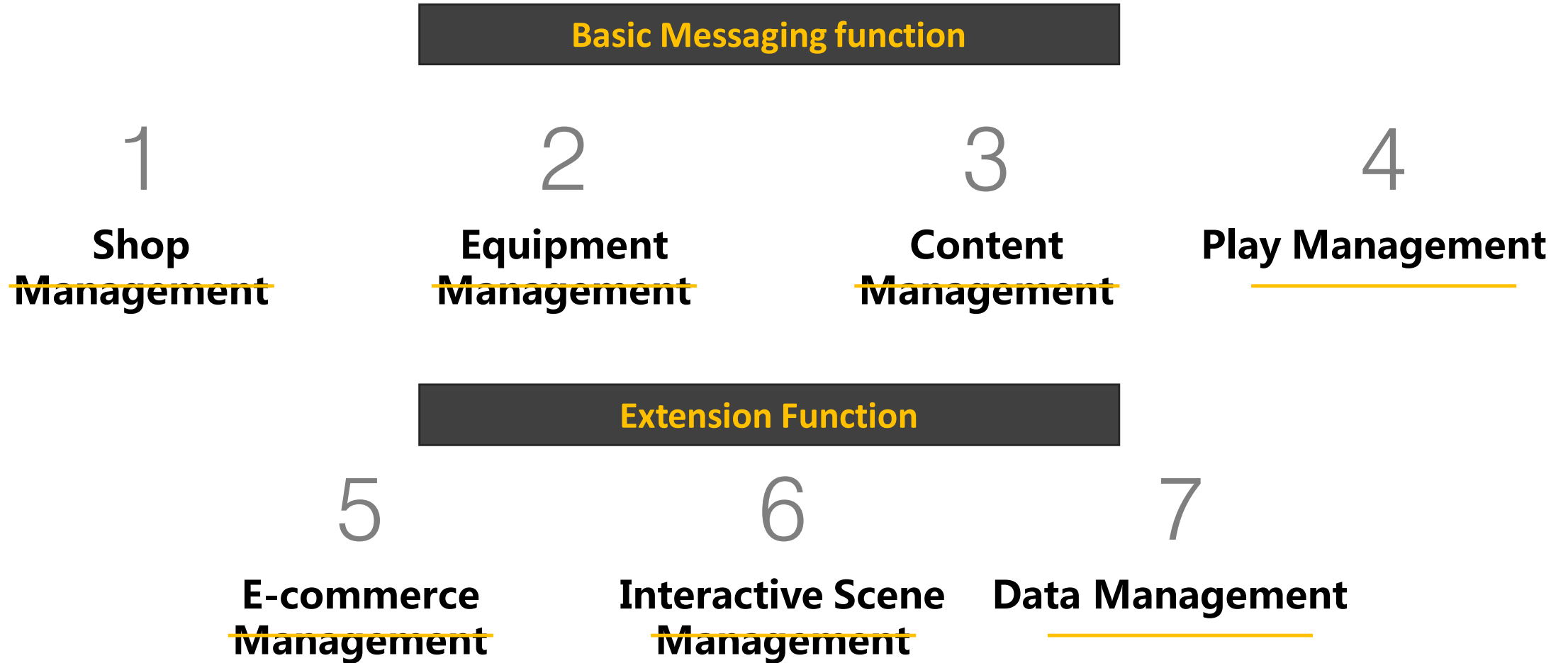
Platform Introduction

Platform Management Architecture



At this stage of the project, only the **transmission** function is required. Adopt this system to ensure that the brand will quickly realize new retail upgrades in the future.

Platform Management Content

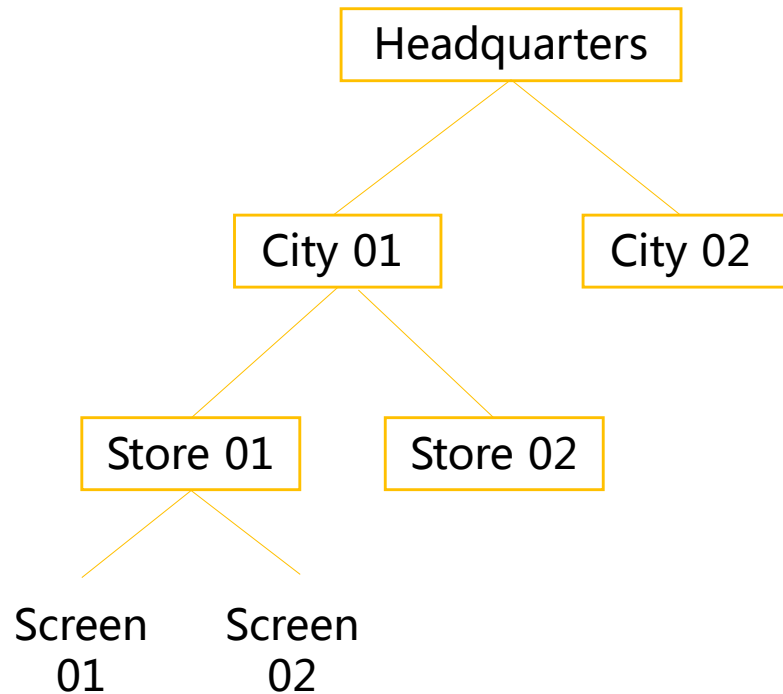


Note: Purchase the number of extension boxes, that is enjoy all the control functions of the platform, but also the extended function requires front-end configuration of interactive devices.

1

Shop Management

Multi-level Management Authority



- Headquarters, branches, and sub-departments can create different user groups and login user accounts.
- Support personalized role combinations to set access permissions for different users
- Scalable/multi-level management tree structure

Headquarters

|-- region

|--City

|-- Head Shop

|-- Shop

|-- Screen

Seven-tier management architecture that seamlessly integrates brand business Thinking

Multi-level Management • Platform Interface

WeChat Official Account Mgmt <

Digital Stores <

Branch Control <

Branch Control <

Branch list

Add Branch

Shop account list

Add Shop account

en ? 🔍 ✉️ 👤 公网5级总部

Store / Branch Control / Branch list

Account Type ☒ Branch account Mgmt

Branch Type ☒ All ☐ City ☐ Main Shop ☐ district ☐ Brand or Shop Group

Export All to Excel

Show 10 entries Branch Name

<input type="checkbox"/> Node ID ▾	Upper Level	Account Type	Branch	Register Time	操作
<input type="checkbox"/> 28738	我家有一个多层级总控->服饰服装->北京市	总店账号	B类店	2018-12-21	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/> 28737	我家有一个多层级总控->服饰服装->北京市	总店账号	A类店	2018-12-21	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/> 10268	我家有一个多层级总控->金融->文昌市	总店账号	海南省文昌市总店001	2018-03-14	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/> 10267	我家有一个多层级总控->金融	市级账号	文昌市	2018-03-14	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/> 10266	我家有一个多层级总控->其他	市级账号	北京市	2018-01-11	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Export Current Page

Content delivery for a single screen, or directly to a certain partition, city, etc.

2

Device Management

Multi-class Screen Compatible + Tag Management



Screen Type

Projection and
others

Any size LED

LCD/LCD
splice

Like PAD
Mobile device

Home/commer
cial display

.....

Label Management

Store: Four
generations of
stores

Brand: Digital
extension
machine

Location:
Explosion area

.....

Multi-type screen management issues when fully considering future demand expansion

Remote Control

The screenshot shows the 'Settings' tab for a screen named 'instwall'. The interface includes several sections:

- Screen Name:** A text field containing 'instwall'.
- Screen Direction:** A dropdown menu set to 'Active', accompanied by a monitor icon. A warning message below states: '(Rotating screen required the no content has delivered nor added to the linkmove. Rotate 180,Rotate 270, support Version 2.2.95 or higger.)'
- Call Function:** A toggle switch labeled '关闭' (Closed).
- Call Function:** Another toggle switch labeled '关闭' (Closed).
- Call Function Request Link:** An empty text field.
- Time Policy:** A section with sub-tabs: 'Turn on/off Control' (selected), 'Screen Close/Open Policy', and 'Content Update Time'. Under 'Turn on/off Control', there are sub-tabs for 'Days' (selected), 'Weekend', 'Custom', and 'Turn off on Particular time'. Below these are two time selection fields: 'Boot Time' and 'Off Time', each with a time input and a circular icon.
- Save:** A button at the bottom left.

A note at the bottom of the Time Policy section reads: '(The function of turn on/off control only support for poster machine with higher version than 2.2.25 ,the current version is 3.492.0)'

Remote switch machine, timed play function, only professional version V8 box has

Remote condition monitoring

Network: You can remotely view the operation status of different store screens, network conditions, etc. If 'Offline' is displayed, you can promptly check the store to check the network.

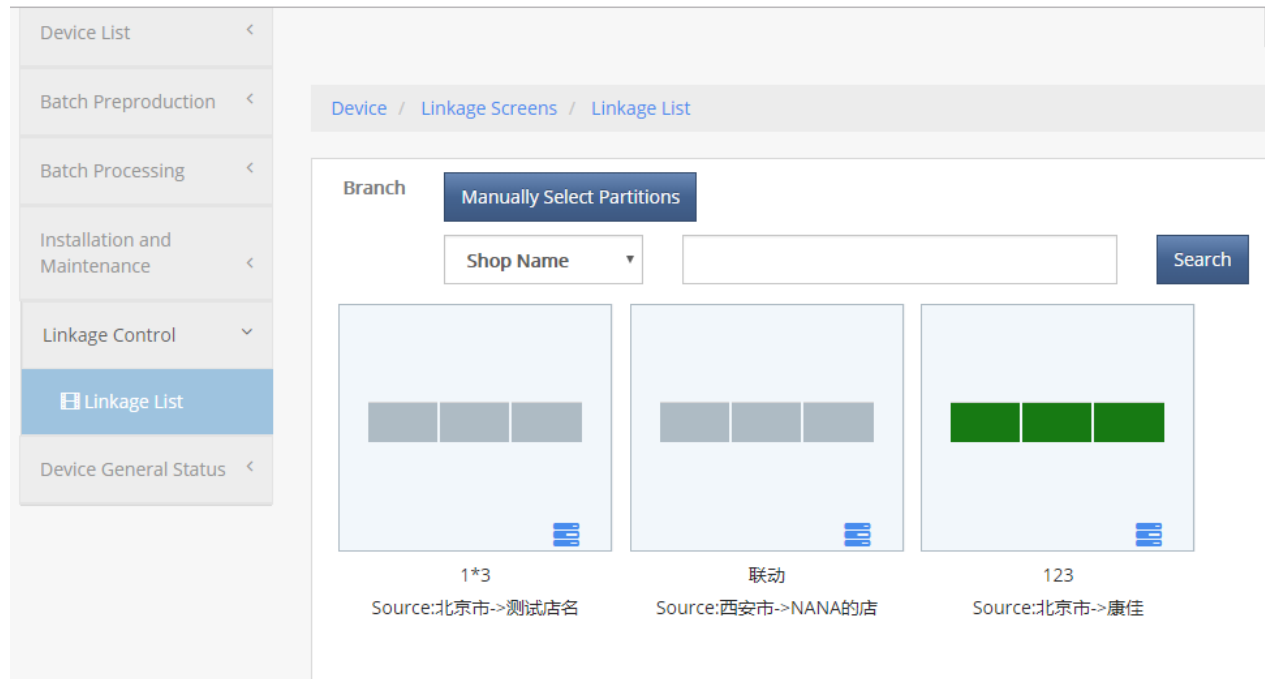
Screen capture: You can remotely view the screen to view the **content** of the screen, helping the merchant to monitor the screen playback status at any time.

Remote function setting

Switch on, restart, timing : The screen can be controlled and controlled remotely, and the machine can be turned on and off.

- **Disassemble :** If you do not need to retain the original delivered content, remotely select the disassemble function, that is release the screen serial code, activate the new screen, and delete the original screen content.
- **Change machine :** If you want to keep the original content, select the 'Change' function, remotely copy the content through the screen ID, you can transplant the original screen content to the new screen. No need to send it over the network again, saving traffic and saving time .

Cross-screen linkage



Linkage setting

Continuously installed screens that can be grouped into stitching groups

The same account can manage the splicing groups installed in different areas. The splicing method is flexible, and the splicing group can be cancelled at any time.

Linkage/single screen switching display

Set timing, which can realize cross-playing of linked content and single-screen content.

Remote switch machine, timed play function that only professional version V8 box has

3

Content Management

Album Management

Screen auto adaptation

- The content can be automatically applied to screen size.
- Also can set different sizes of content for different screens.

Album Wizard

Add Album

Album List

Schedule Preview

Ad Mgmt

Review Mgmt

Resource

Screen-Interaction Mgmt

Wechat Coupon

智能感应内容

跨屏推送内容

en

?

Q

✉

公网5级总部

Content / Album Wizard / Album List

Horizontal/Vertical

☒ All

☐ Horizontal

☐ Vertical

Plan Property

☒ All

☐ Day Plan

☐ Hour Plan

☐ Week Plan

☐ Special Date Plan

State Attributes

☒ All

☐ 未提交审核

☐ Submitted Review

☐ Passed Review

Publish Property

☒ All

☐ Publishing

☐ Pause Publish

Time Period

From

Up

To

Now

Album Name

Search

Background Color

Editing: white | Submitted Review: light blue | Being Reviewed: light yellow | Released: light green

Description

Album ID	Album Thumbnail	Album Info	Recent Content Creation	Sort	Operation
47326		Album Name: 演示 Plan Property: Day Plan Content Count: 2 Publish Property: Pause Publish		<div>0</div> <div>Setting sequence</div>	<div>Publish</div> <div>Edit</div> <div>Delete</div>

H5 template (video, photo, animation, etc.)

- The H5 template is used as the bearer mode, and the terminal displays multi-layer content, not only simple videos, pictures, etc.;
- Dynamic effects stacking, floating, and more can be set.

Multi-content album management

- Multiple content can create albums and set labels for albums, enabling one-click placement of multi-content, multi-level screens.

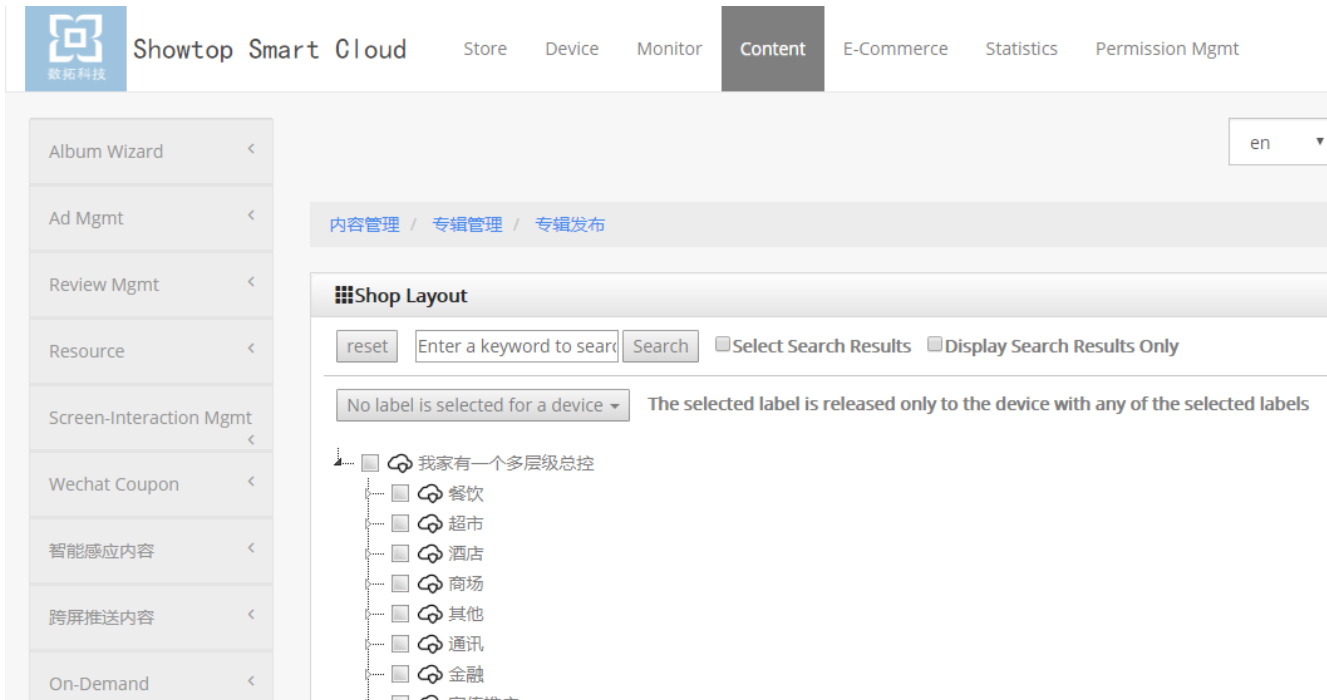
Sub-regional and time-phased delivery

- Can use one button to deliver multiple stores with multiple contents, or you can select the placement area according to the level of permissions;
- The playback time can be set for the content according to the marketing strategy.

4

Play Management

Customize Placement Area



Headquarters unified marketing

Manage large screens across the country through the cloud management platform and publish content to all screens with one click.

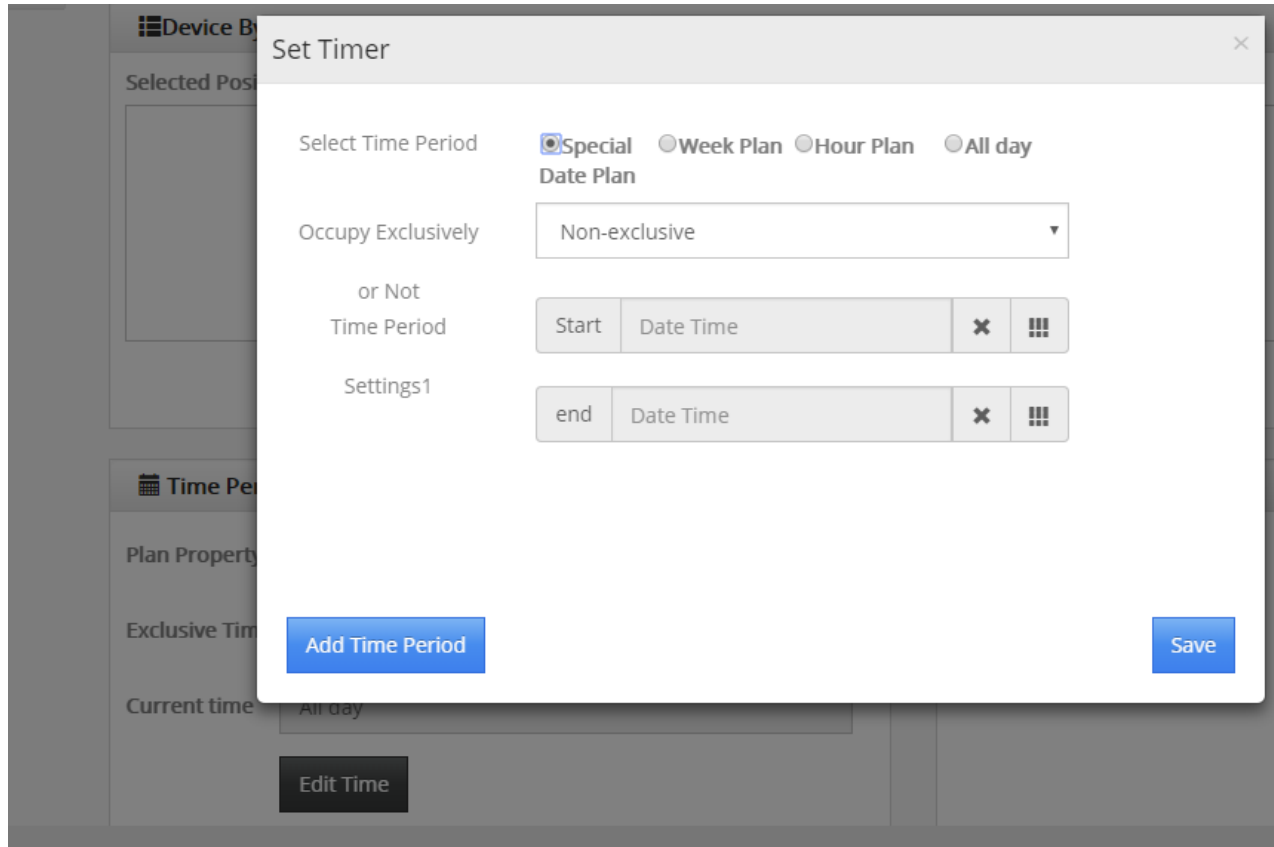
Sub-regional marketing

You can edit different content to play "album" and freely choose the branch or region to be placed.

Split screen content delivery

The smallest unit for content delivery is the screen, and the same store screen can display different content according to different needs.

Customize Play Time



The screenshot shows a 'Set Timer' dialog box with the following fields and options:

- Select Time Period:** Radio buttons for **Special** (selected), **Week Plan**, **Hour Plan**, and **All day**.
- Occupancy Exclusively:** A dropdown menu currently set to **Non-exclusive**.
- or Not Time Period:** A section containing two rows of date-time pickers.
 - Row 1: **Start** (Date Time) with a close button (X) and a list icon (three horizontal lines).
 - Row 2: **end** (Date Time) with a close button (X) and a list icon (three horizontal lines).
- Buttons:** **Add Time Period** (blue) and **Save** (blue).

The background interface includes a sidebar with 'Device B', 'Selected Pos', 'Time Pe', 'Plan Property', 'Exclusive Tim', and 'Current time'. An 'Edit Time' button is also visible at the bottom.

Multiple play modes

For the album, set the playback mode (carousel, custom play, exclusive play), the play time can be selected weekly time, hour time

Preset Marketing time

According to the characteristics of the marketing campaign/product, set a specific playing time period to pre-schedule, and the screen automatically switches the content according to the setting period

No/Bad Signal• Emergency Delivery Strategy

1

Offline Package Mechanism

U disk encryption can be used to download offline packages for content replacement.

2

Master-slave Mechanism

Define the store host, download content from the external network to the host; can synchronize the content on the host through the LAN, other screen content, save external network traffic

5

**E-commerce
management**

6

**Intelligent
interaction
management**

7

**Data
management**

E-commerce Management

The screenshot shows a web application interface for managing products. The top navigation bar includes links for '数据场景应用市场', '产品与案例', '行业方案', and '我的应用'. The main content area is titled '商品管理' (Product Management) and includes a sidebar with options like '新增商品', '分类管理', '店铺商品列表', '店铺信息设置', '订单管理', '数字货架', '优惠券管理', and '集团管理'. The main panel has tabs for '基本属性', '图片属性', and '扩展属性'. The '基本属性' tab is active, showing fields for '商品来源' (set to '自有产品'), '产品名称', '产品SKU', '供应商', '产品类别' (with a '选择分类' button), '是否免运费', '产品排序', '商品状态' (set to '正常'), '商品简介', '商品详情', '产品规格' (radio buttons for '无产品规格' and '包含产品规格'), and '产品库存' (with '条形码' and '产品库存' input fields).

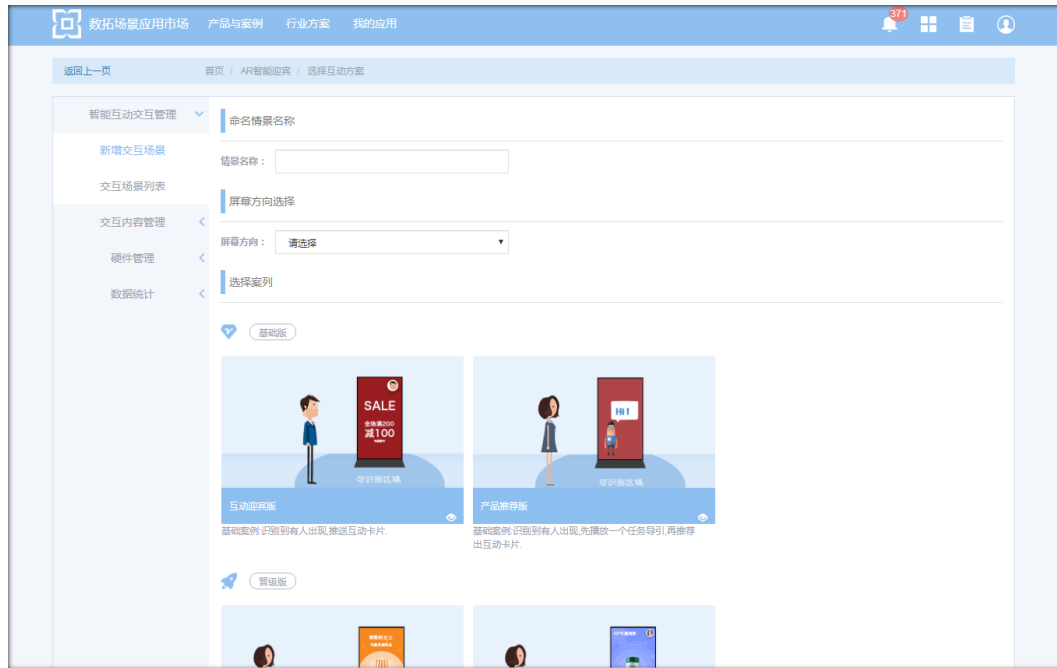
Own E-commerce Database

The screenshot shows a web application interface for managing orders. The top navigation bar is identical to the first screenshot. The main content area is titled '订单管理' (Order Management) and includes a sidebar with options like '商品管理', '店铺信息设置', '订单管理' (active), '售后订单', '参团订单', '物流管理', '异常订单', '退款订单', and '订单报表'. The main panel has tabs for '未出库订单', '选择时间', and '历史订单'. The '未出库订单' tab is active, showing a table of orders with columns for '编号', '订单号', '商品', '金额', '订单来源', '下单时间', '订单类型', and '订单状态'. The table contains three rows of data.

编号	订单号	商品	金额	订单来源	下单时间	订单类型	订单状态
1	NOM000000205313		0.04RMB	微信	2018-03-20 12:07:57	电商	待处理
2	NOM000000203343		0.01RMB	屏幕	2017-12-20 20:08:54	限时特卖	待处理
3	NOM000000202105		20.00RMB	屏幕	2017-09-26 14:44:07	电商	待处理

Mature E-commerce Processing system

Intelligent Interaction Management



Camera Recognition
Interaction

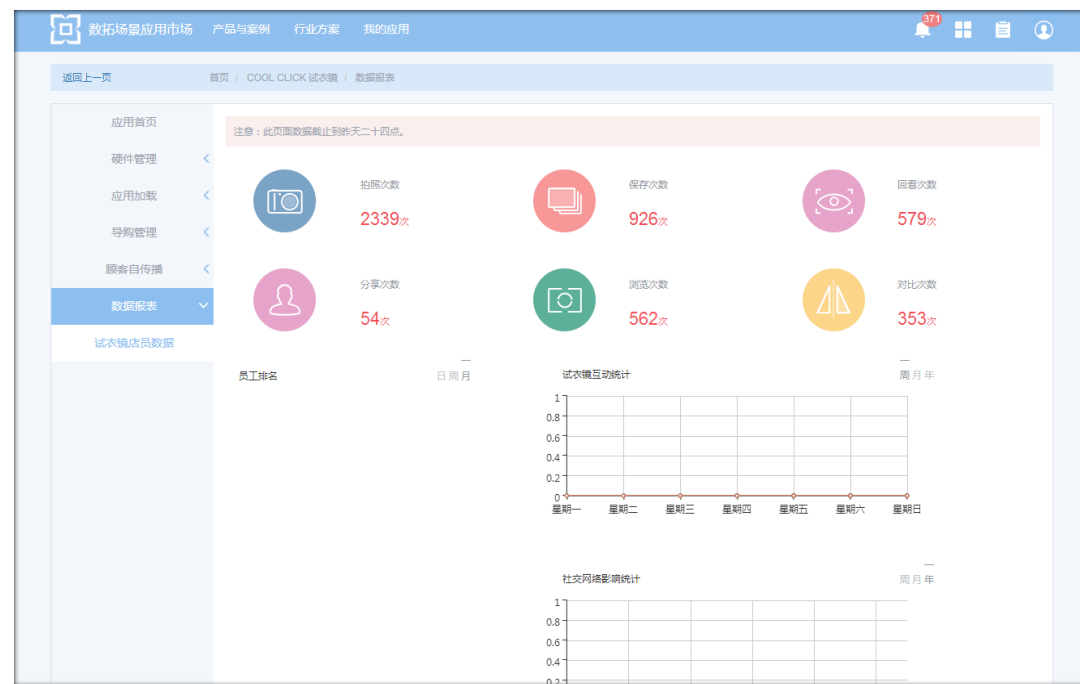


Product Identification
Interaction Such As NFC

Data Management



Content And Crowd Cross Data



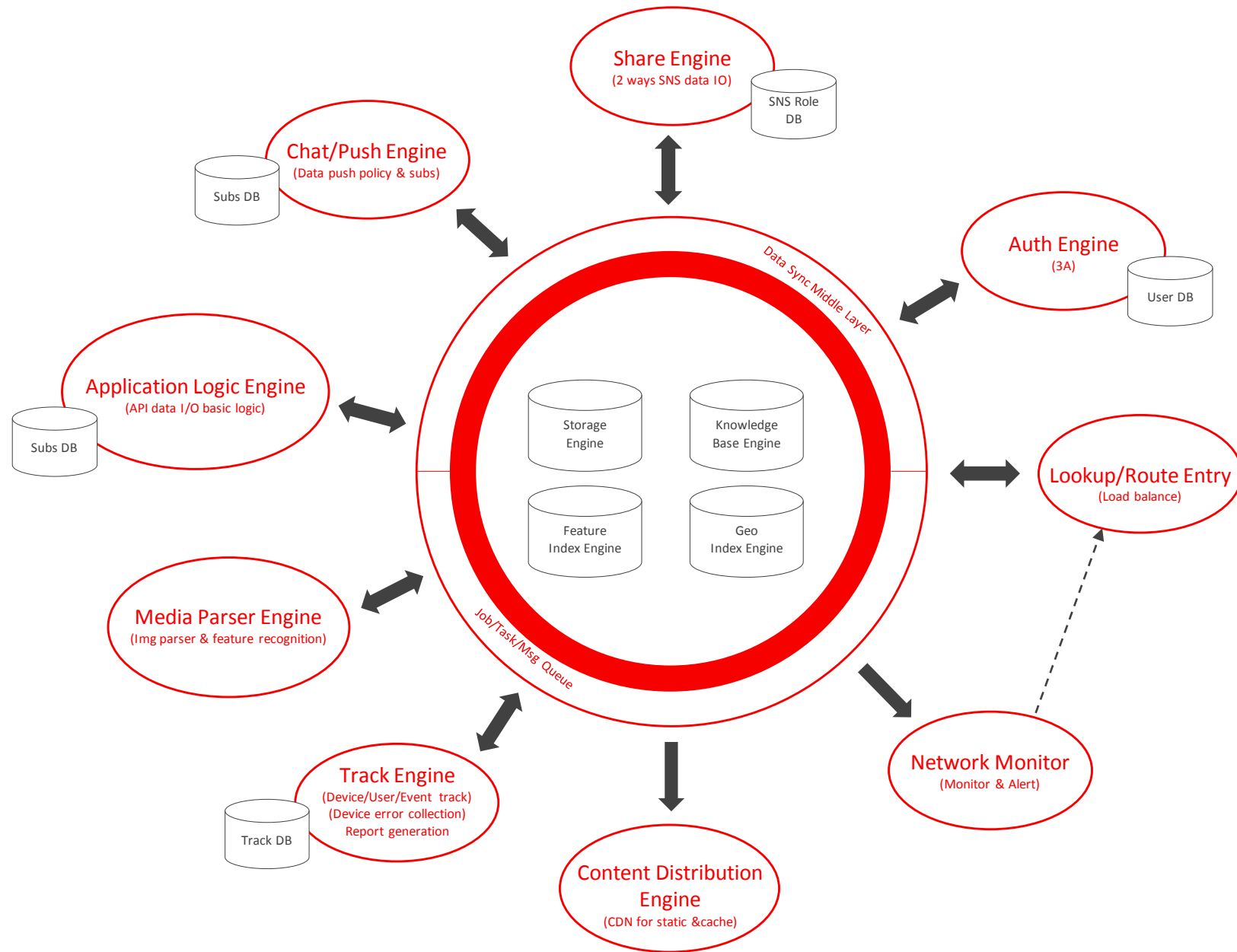
Consumer Behavior Data

PART TWO



Technical Advantages

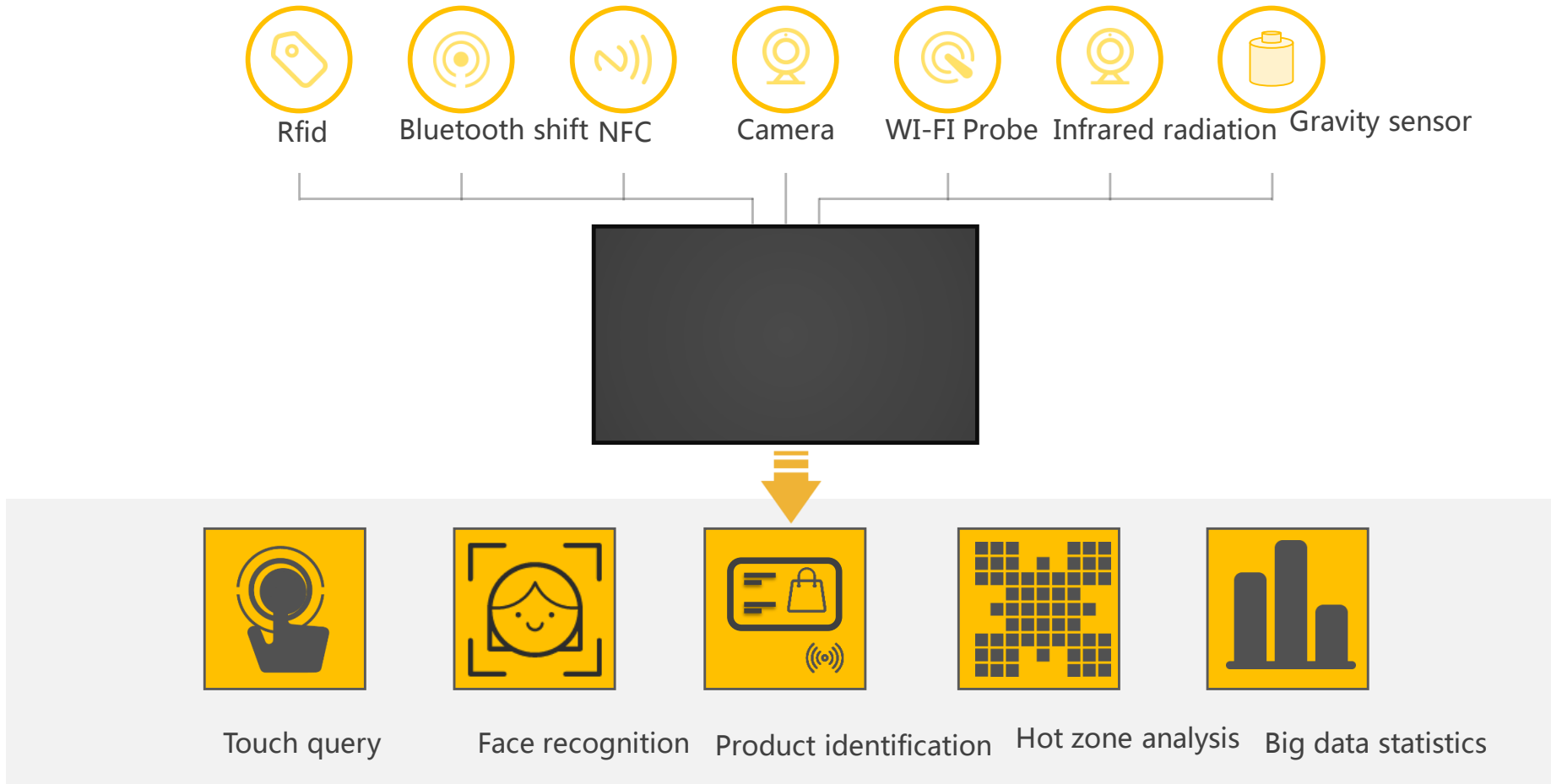
Internet Service Engine



True open Internet architecture

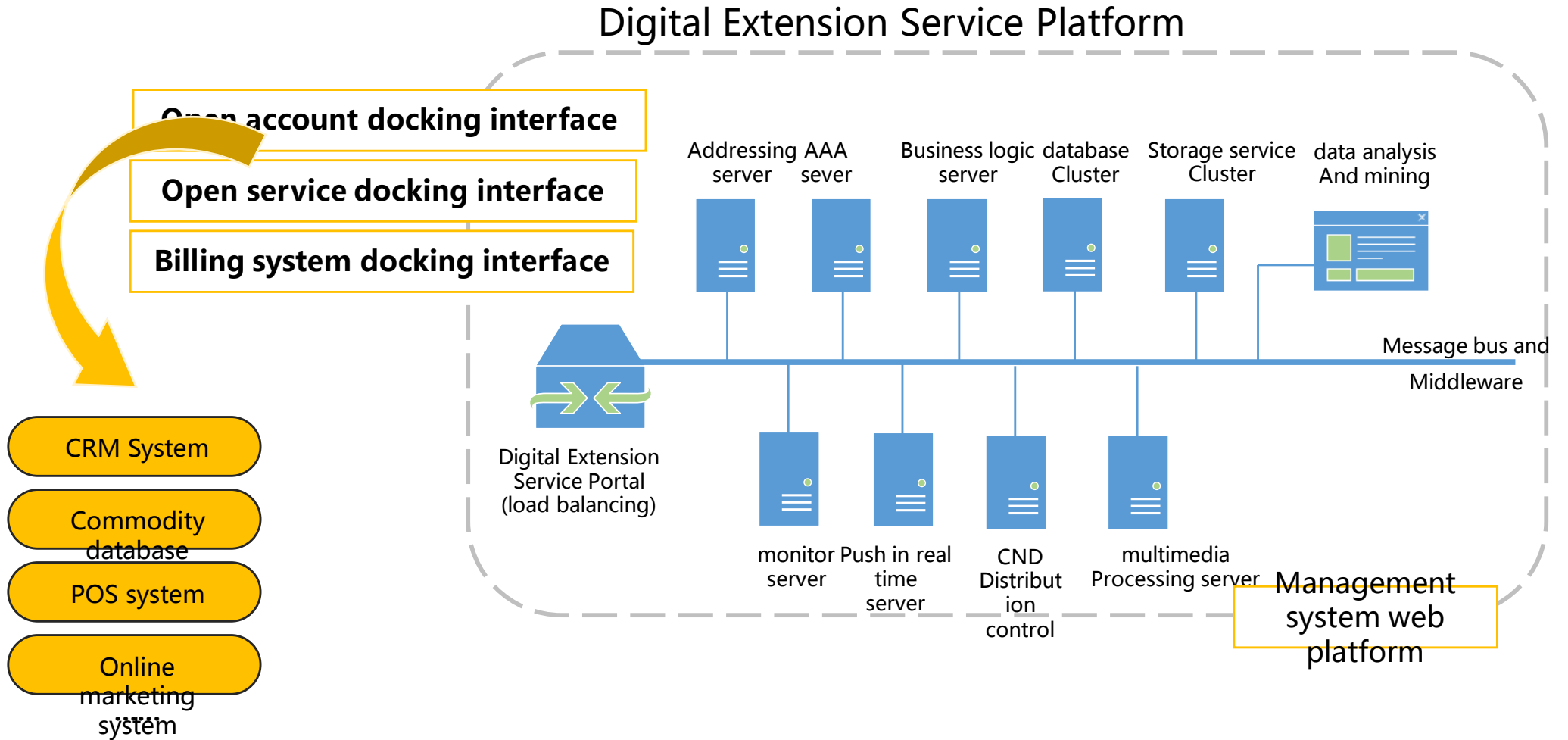
- The Digital Extension Platform is an intelligent Internet platform for business display. It supports standard data interfaces and can be interfaced with third-party systems, databases, and devices.
- The digital extension platform has the ability of data acquisition and data analysis. The screen can collect environmental data, interaction data and user behavior through intelligent peripherals.
- It is also possible to identify the user, analyze the potential needs of the user, and generate a user portrait.
- Combined with the artificial intelligence expert system, it is possible to push the information most needed by the user to the front screen in real time.
- The domestic platform is based on the aruze cloud platform. The overseas platform is based on the AWS platform. The backend server is supported by customized Linux OS and the frontend based on Android System. The system can be implemented by business specialty and customized requirements

Intelligent Peripheral Access

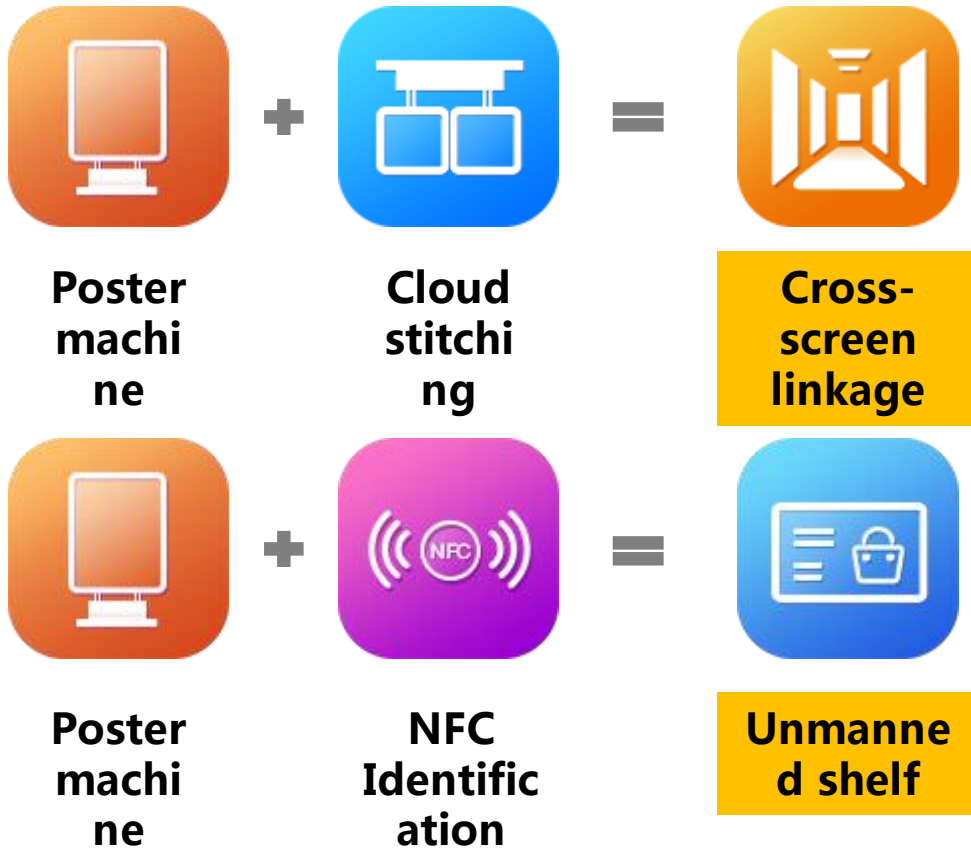


More possible with access, data and so on

Business Platform Docking



APP Function Iteration



Scenario application

Divide the industry, sub-scenarios, refine the requirements, provide targeted applications, and display screens more effectively .

Application extension

The non-engineering development approach quickly responds to new demands in a standard APP approach to meet changing market demands.

Third-party application docking

Support for third-party applications, quickly integrate new features, and achieve unified management and control.

THANKS

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