

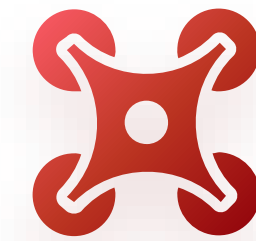
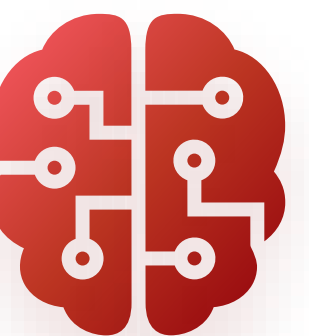
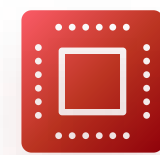
Thundercomm

—— 创通联达 ——

MDM Software Product Introduction

www.thundercomm.co

Copyright© 2016–2022 Thundercomm Technology Co., Ltd. All rights reserved.



Contents

- ⑩ Product Overview
 - ❖ Product Value
 - ❖ Product Function Introduction
 - ❖ Business Model And Partners
 - ❖ Success Cases

Product Overview

MDM platform products provide one-stop end-to-end device management services for intelligent devices.
Solve security, application management and asset management problems for global customers.

Successful cases



Secure Enterprise Data



Protect Personal Data



Manage devices, apps and contents from a single console



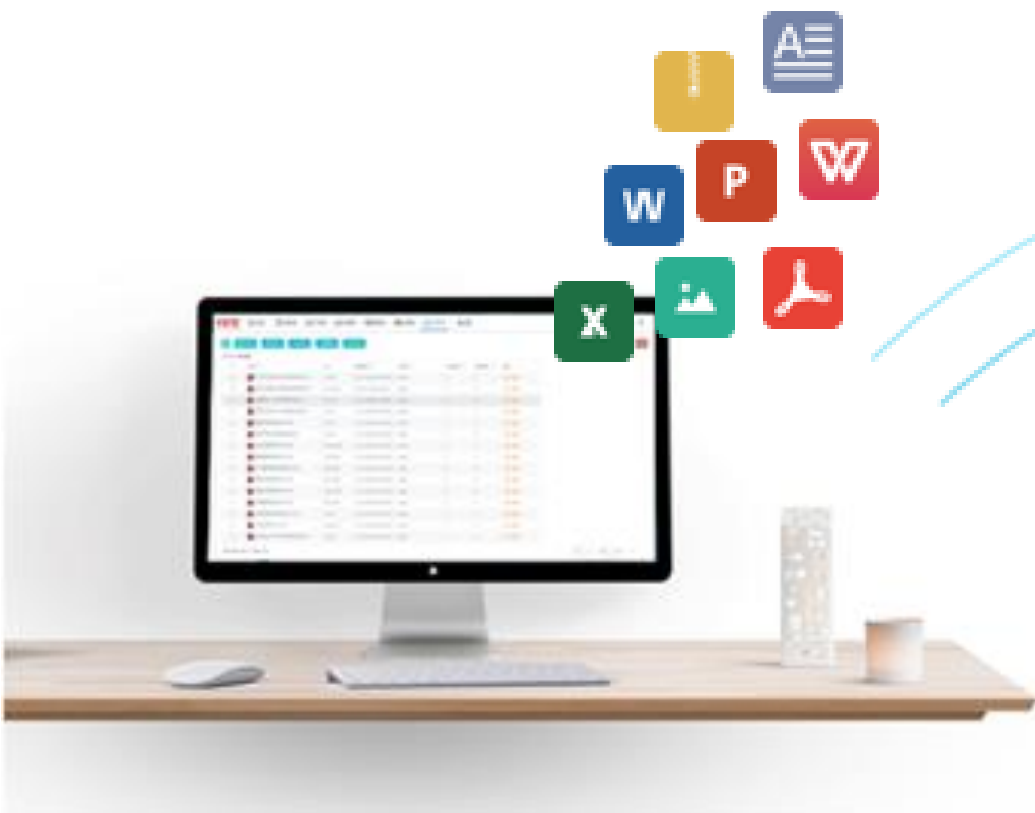
In-house App Store

App Category

App Distribution

Version Upgrade Check

Gated Launch



Device Management

Application Management



User Management

Monitor Log



Policy Management

Message

Product Value

Secure
Mobile



Secure enterprise data

Privacy
Protecting



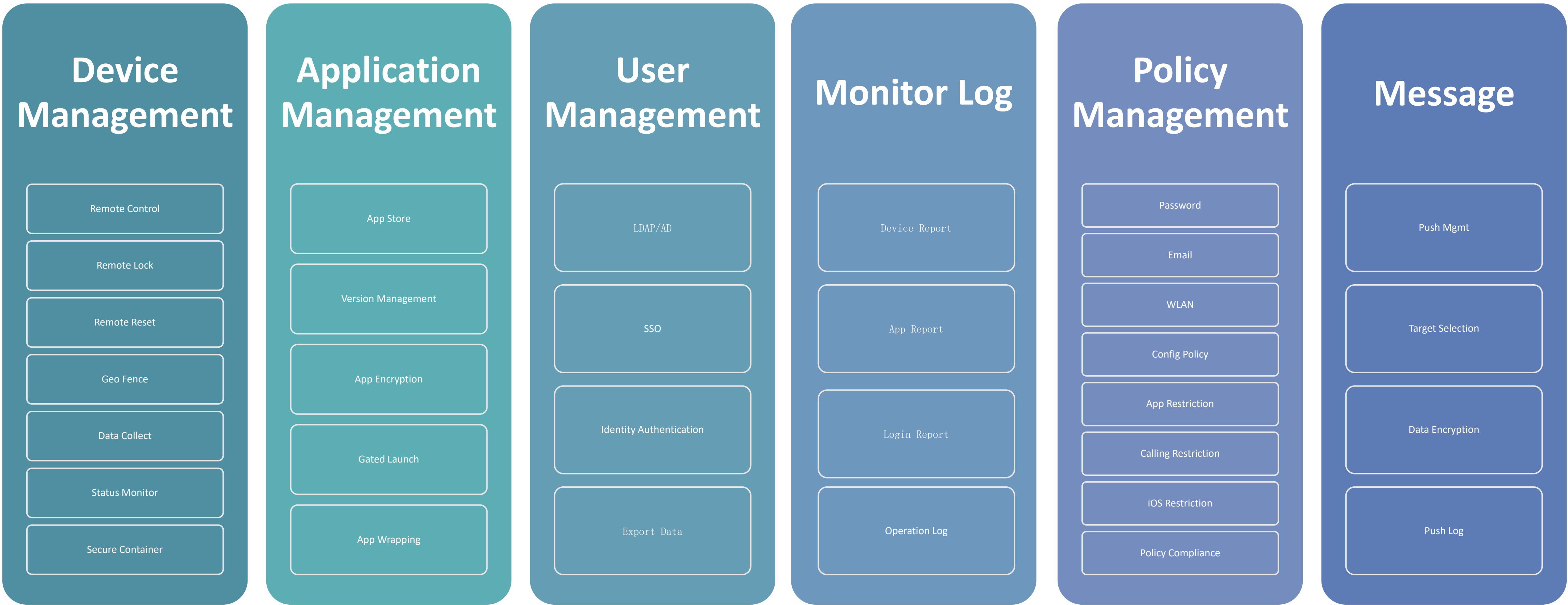
Protect personal data

Unified
Management



Manage devices, apps
and contents from a
single console

MDM Components



Full Life Cycle Management

Recycle Scenarios:

- Device Data Wipe
- Reset the device
- Log archive

Register Scenarios:

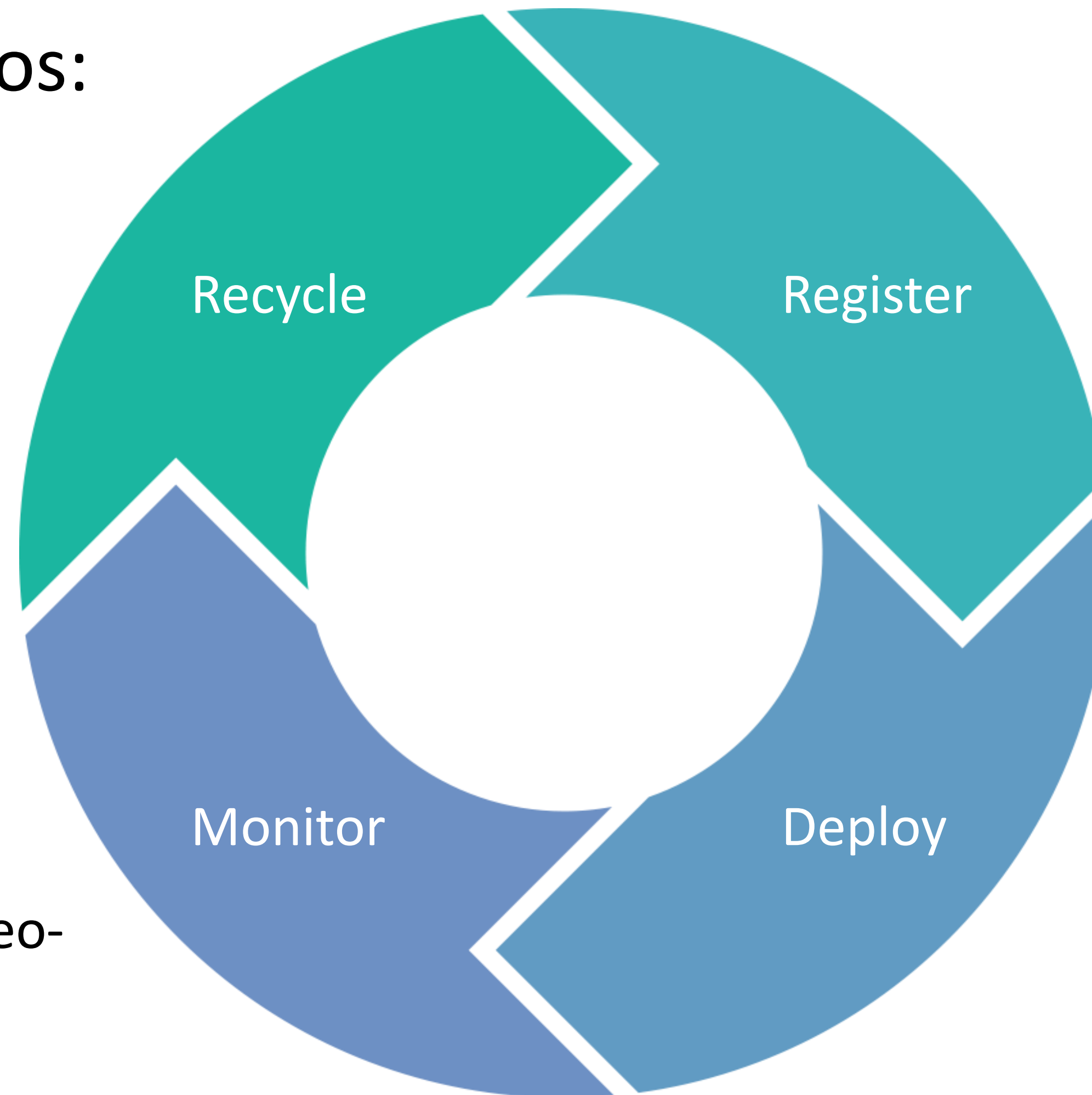
- Device-user binding
- Data import
- Activation management

Monitor Scenarios:

- Restriction by time and geo-location
- Violation control

Deploy Scenarios:

- Include security policy
- Push the update to the device
- Data collections and monitor



Device Management Scenario

Employee Turnover

BYOD

- Remote Wipe
- Keep personal data
- Remove device from platform

COPE

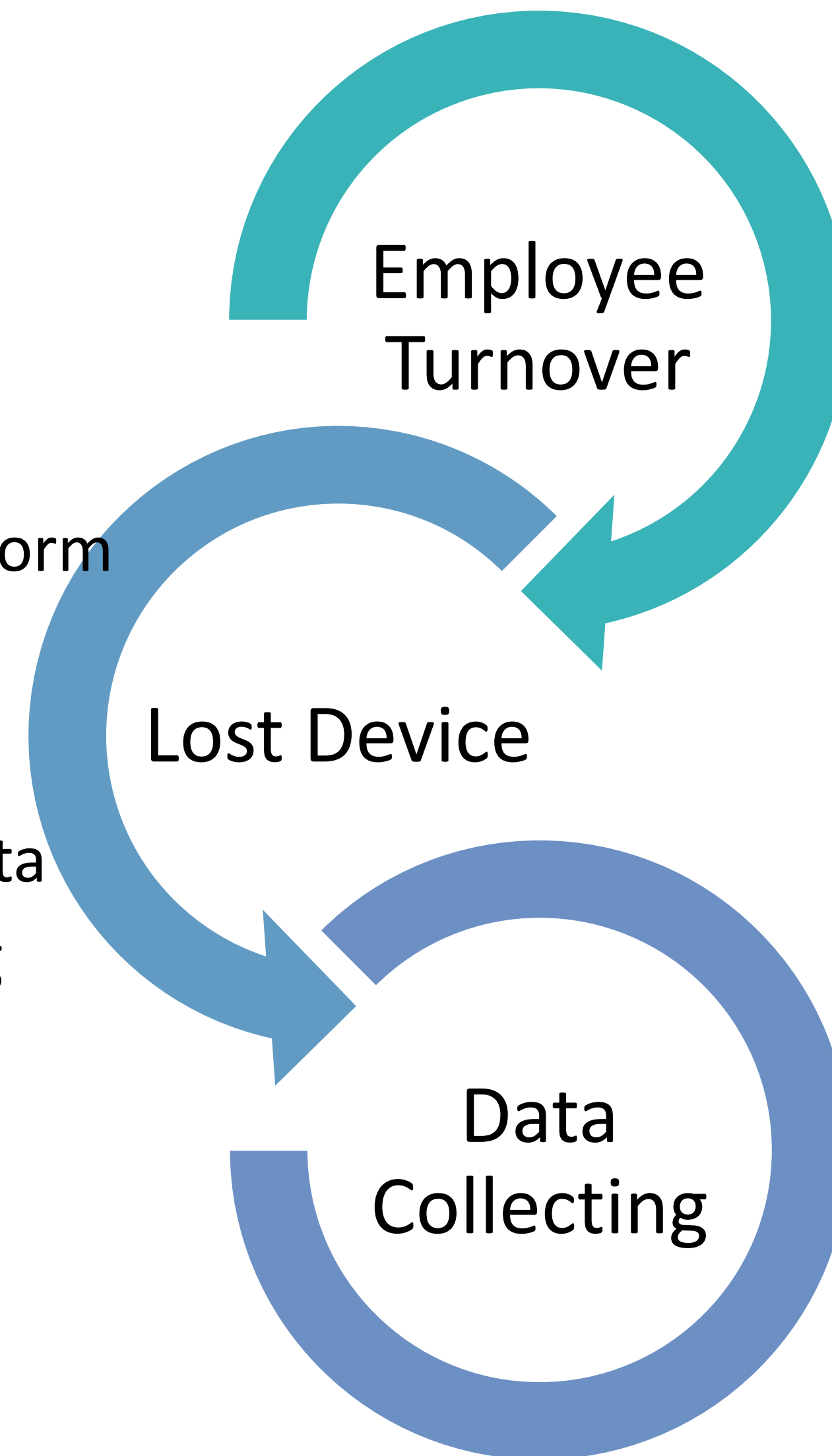
- Remote wipe personal data
- Keep device operation log
- Device-user unbinding

Lost Device

- Remote lock
- Remote wipe
- Remote reset
- Frozen secure container, access to enterprise apps and data is forbidden.

Data Collecting

- Usage data
- Calling time
- Device location
- Installed apps

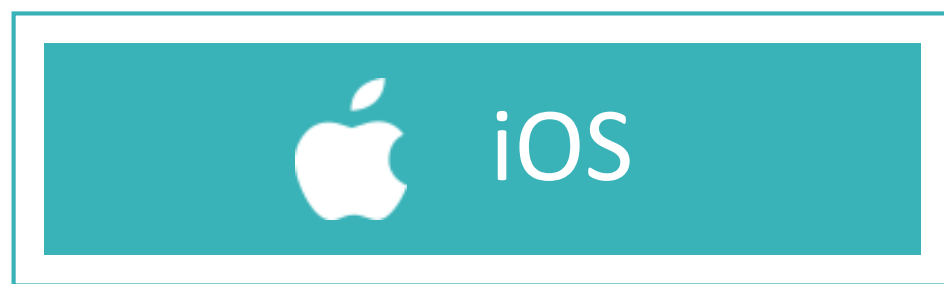
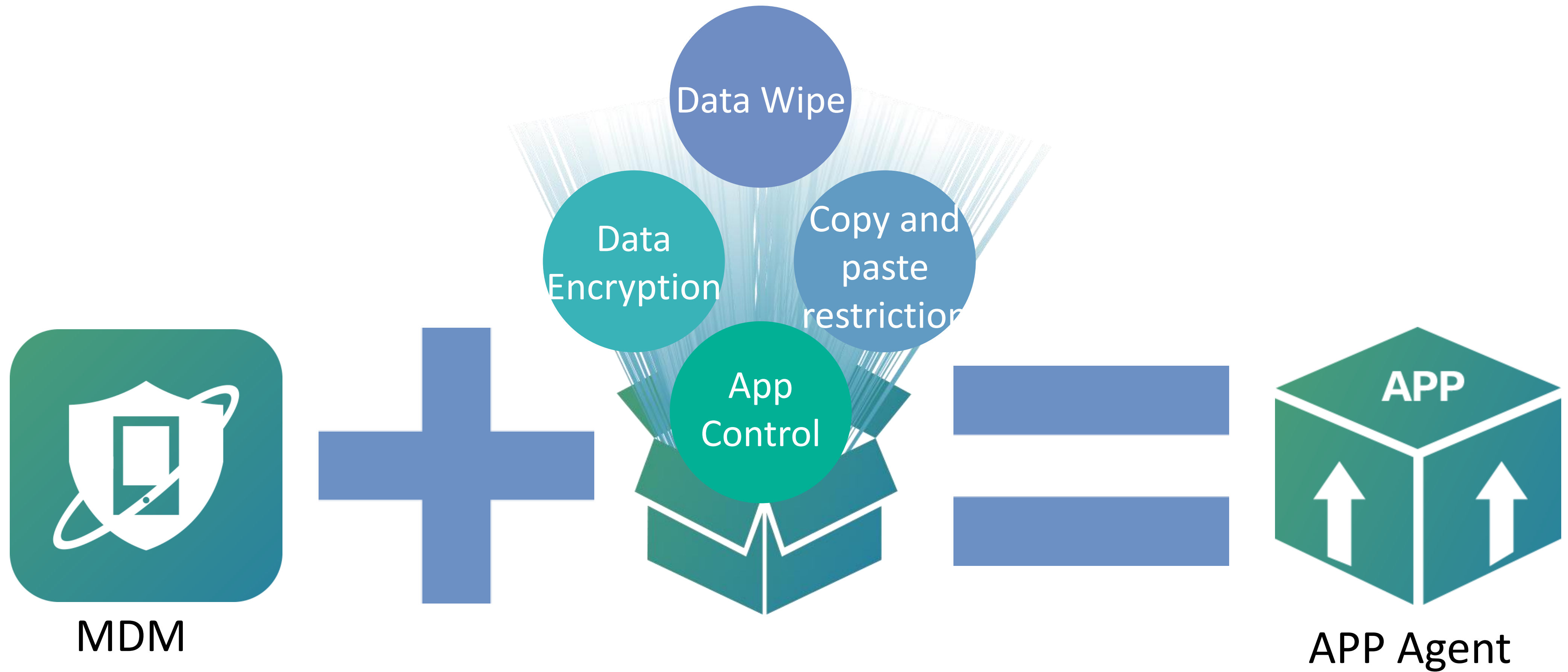


Safe Container

- Identity user with MFA
- Isolate enterprise apps from personal use
- Remote control
- SSO for apps in container



App Wrapping



App Management

- IT Admin audit & upload app to MAM platform
- App in MAM are shown in Enterprise App Store

Audit &
Upload

App
Distribution

- Employee download app from Enterprise App Store
- Enterprise App Store push app to devices
- Push by category & group
- App categorized

- App data erase
- App data encryption
- App function control

App
Management &
Control

Version
Management

- App version update
- Push message notice

App Store



In-house App Store

App Category

App Distribution

Version Upgrade Check

Gated Launch

User Management

- Organization
- User Info
- Batch Import
- Reset Password
- Related Department
- Data Synchronization
- Self-built Group

Identity Authorization



- SSO
- Batch Deletion
- Add
- Details

Application Permission



- Departmental
- Allocation Group
- Allocation Application
- Allocation Rank Assignment

Application Allocation



- Multi-factor Authentication
- Password Complexity
- Two-step Certification
- Network Limitation
- Login Report
- Application Report
- Certification Report
- Administrator Report

Safety And Audit



Policy Management



Security Configuration

VPN

WLAN

Email

Geo Fence



App Policies

Black/White List

Install Restriction

Upgrade Compulsively

EMM anti-uninstalling



Device Security

Password Compliance

Data Collection

Calling Restriction

Function Restriction

Policy Compliance

Policy Management-Irregular Disposal

Irregular

Times of wrong unlock code

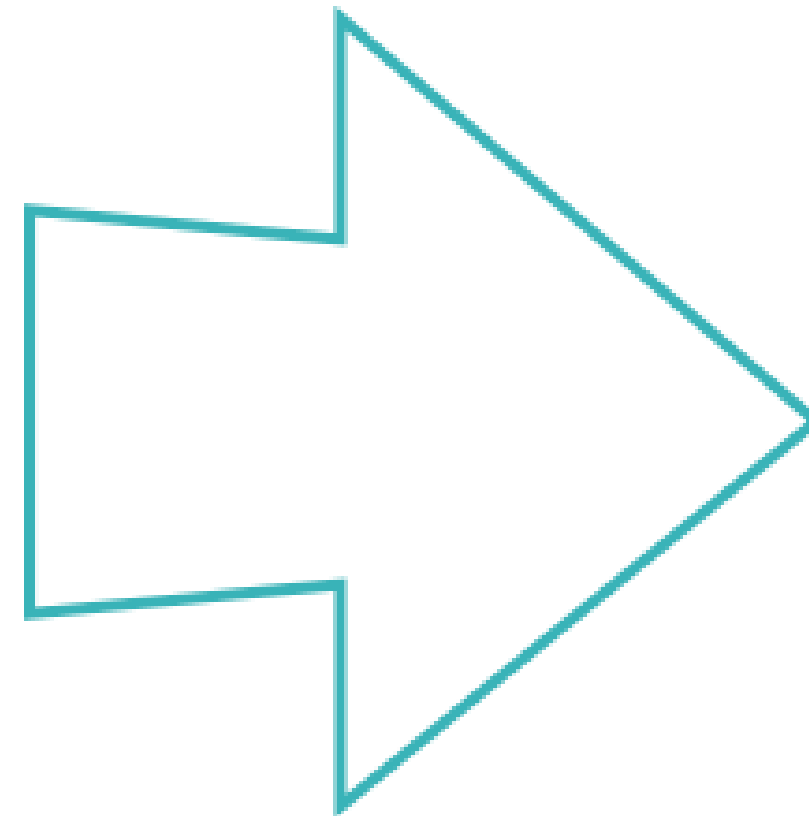
Device binding info change

Install irregular App

Device Root / Jailbreak

Data abnormal

Irregular action



Disposal

Device auto-lock

Device auto-disable

Device auto-wipe

Enterprise apps access restriction

Camera auto-disable

Push notification to admin

Content Management



Analytics & Reporting



Multiple
Data Resource

User
Device
App
Log

Multiple
Dimension

Time
Location
Frequency

Multiple
Charts

Table
Line Chart
Pie Chart
Bar Chart

Multi-tenant Management

- At the same time, it meets the unified management of headquarters and the individualized needs of dependent companies
- Meet the needs of data isolation and management system isolation between dependent companies
- Support the use of a single instance to reduce operating costs
- Support dependent companies to deploy separate instances in their own data centers
- Support data synchronization between headquarters and dependent companies

Administrator

- Create Account
- Batch Deletion
- Edit Account
- Details

Multi-tenant

- Add Tenant
- Batch Deletion
- Edit Tenant
- Details
- Freeze Or Activation

Black And White List

- Addition
- Batch Deletion
- Edit List
- List Details

Public Application

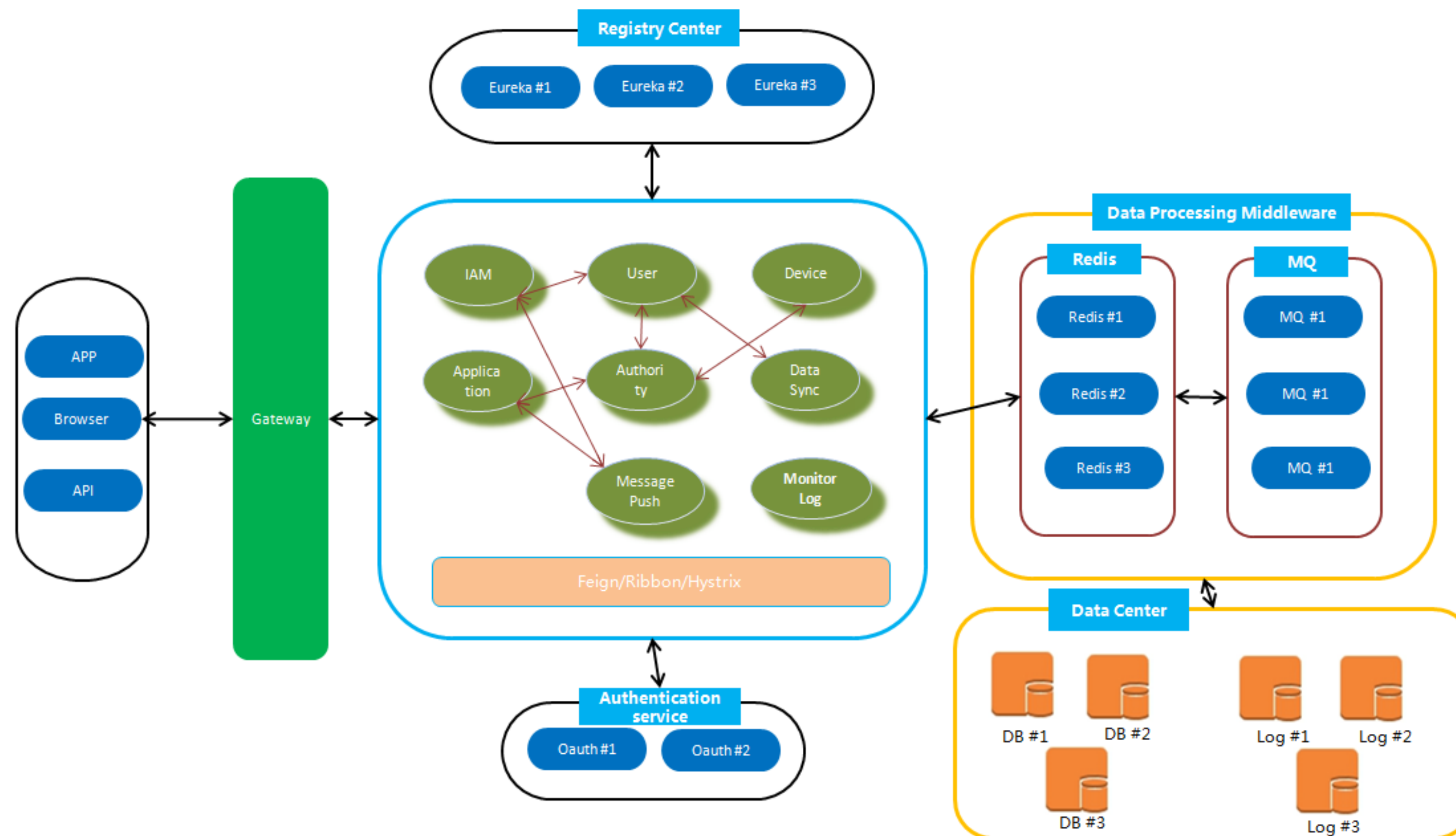
- Create Application
- Delete Application
- Edit Application
- Distribution

Rank

- Rank Management
- Application Rights Assignment

Micro service Architecture

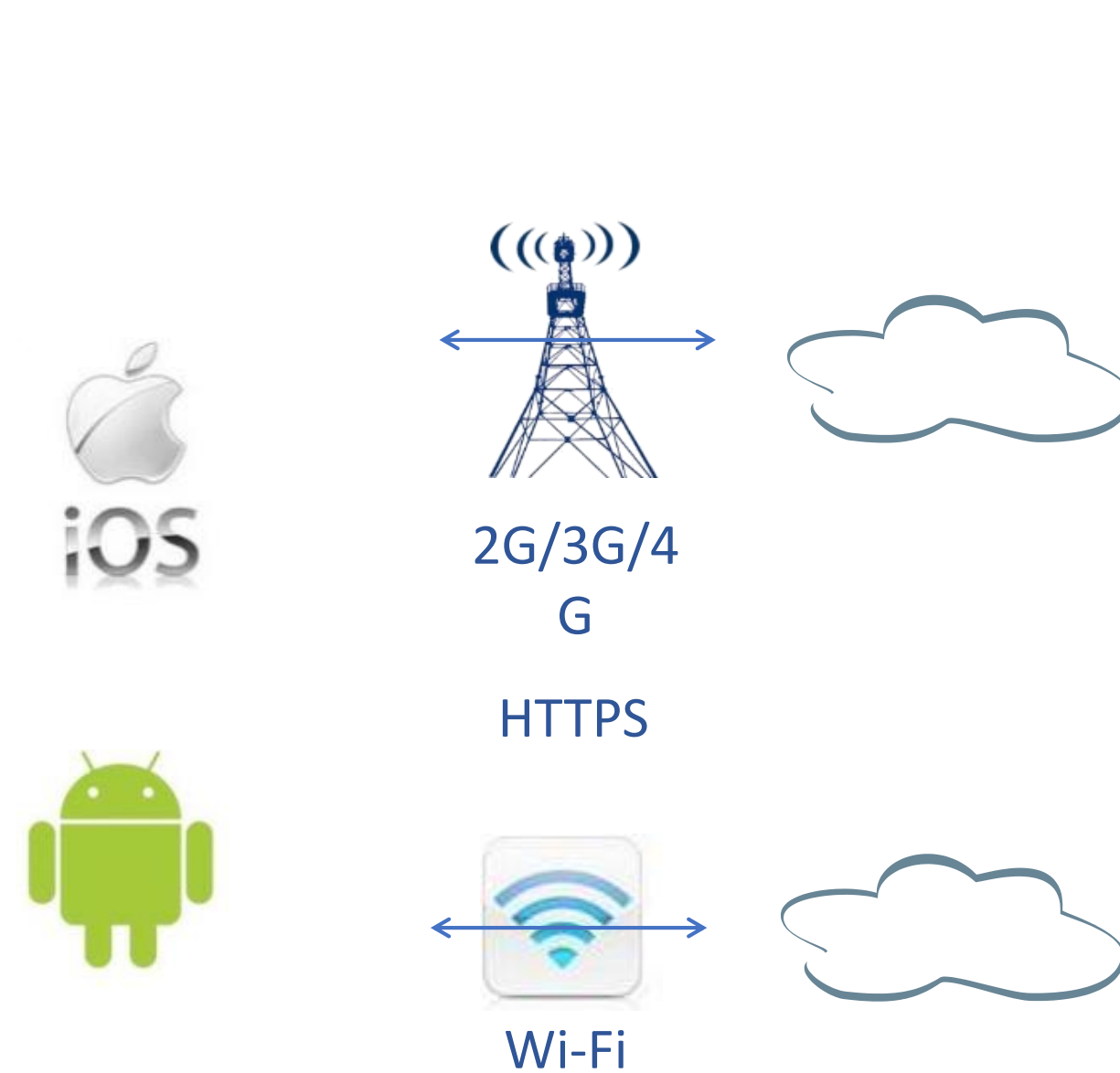
- Independent business, clear division of business functions
- Integrating third-party services is faster and more reliable
- Using the advantages of distributed architecture, high availability and gray level publishing can be achieved
- Continuous Development, Continuous Integration, Continuous Delivery
- Spring Cloud Micro service Architecture is mature and stable



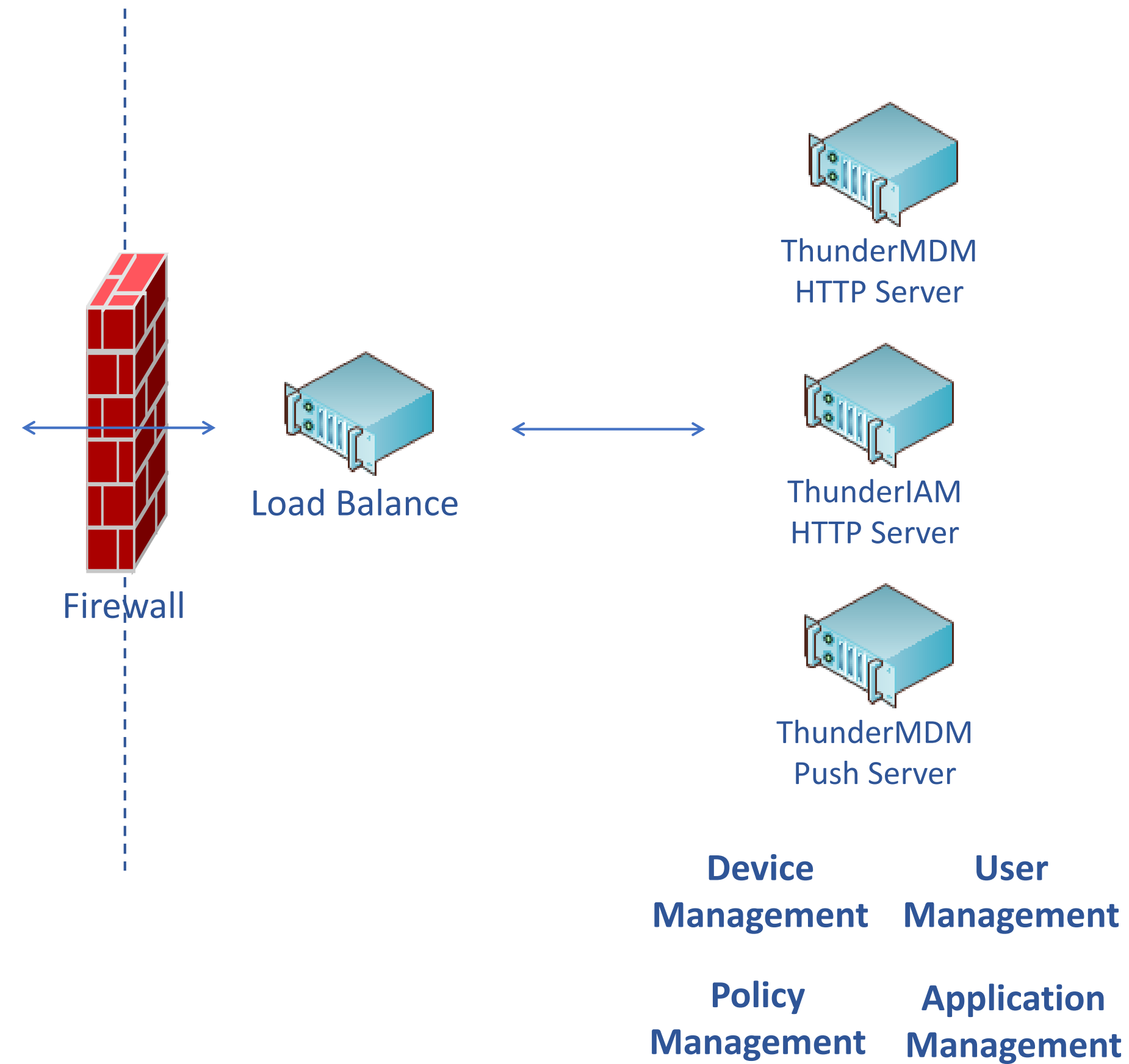
Deployment

Client

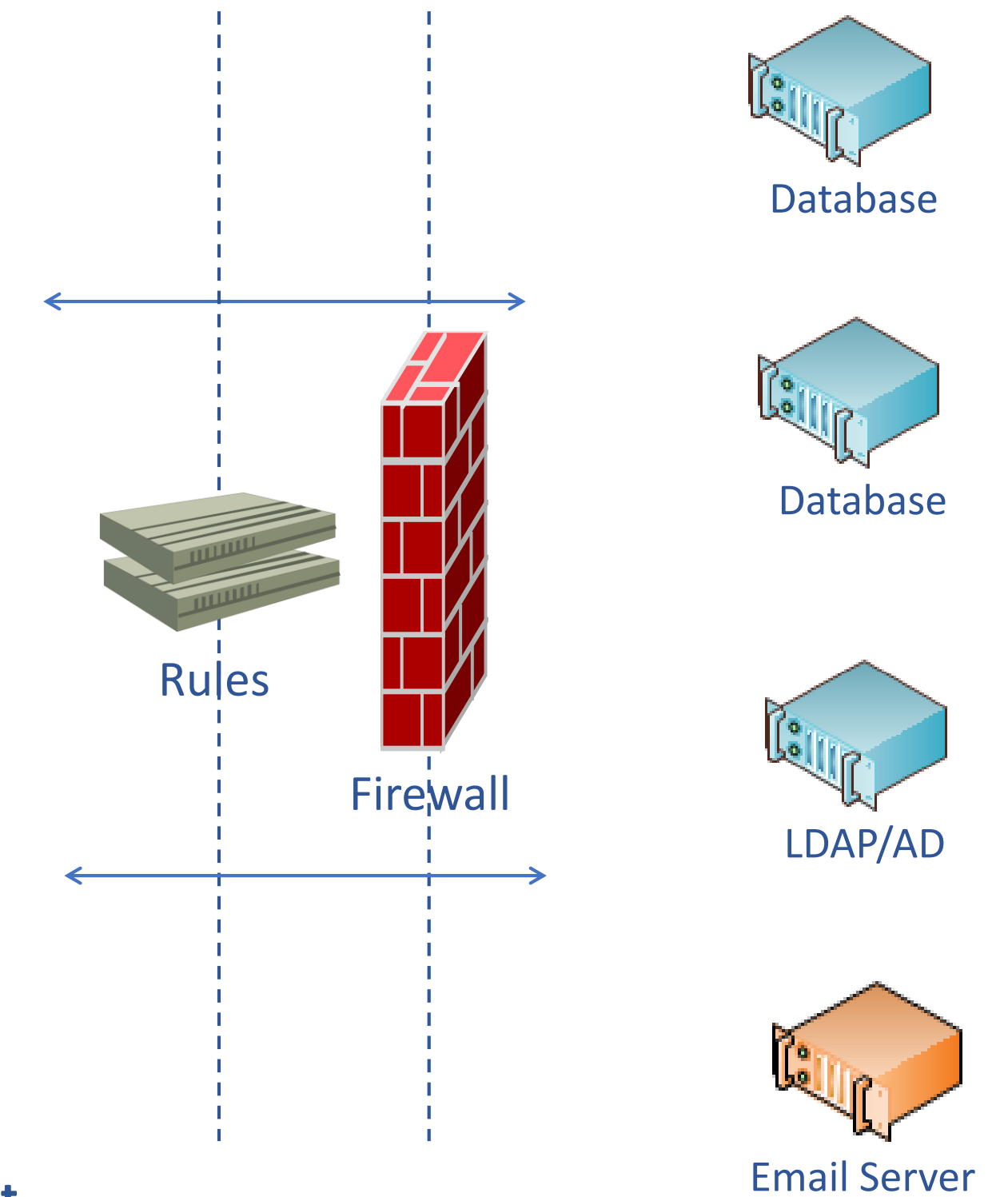
Networks



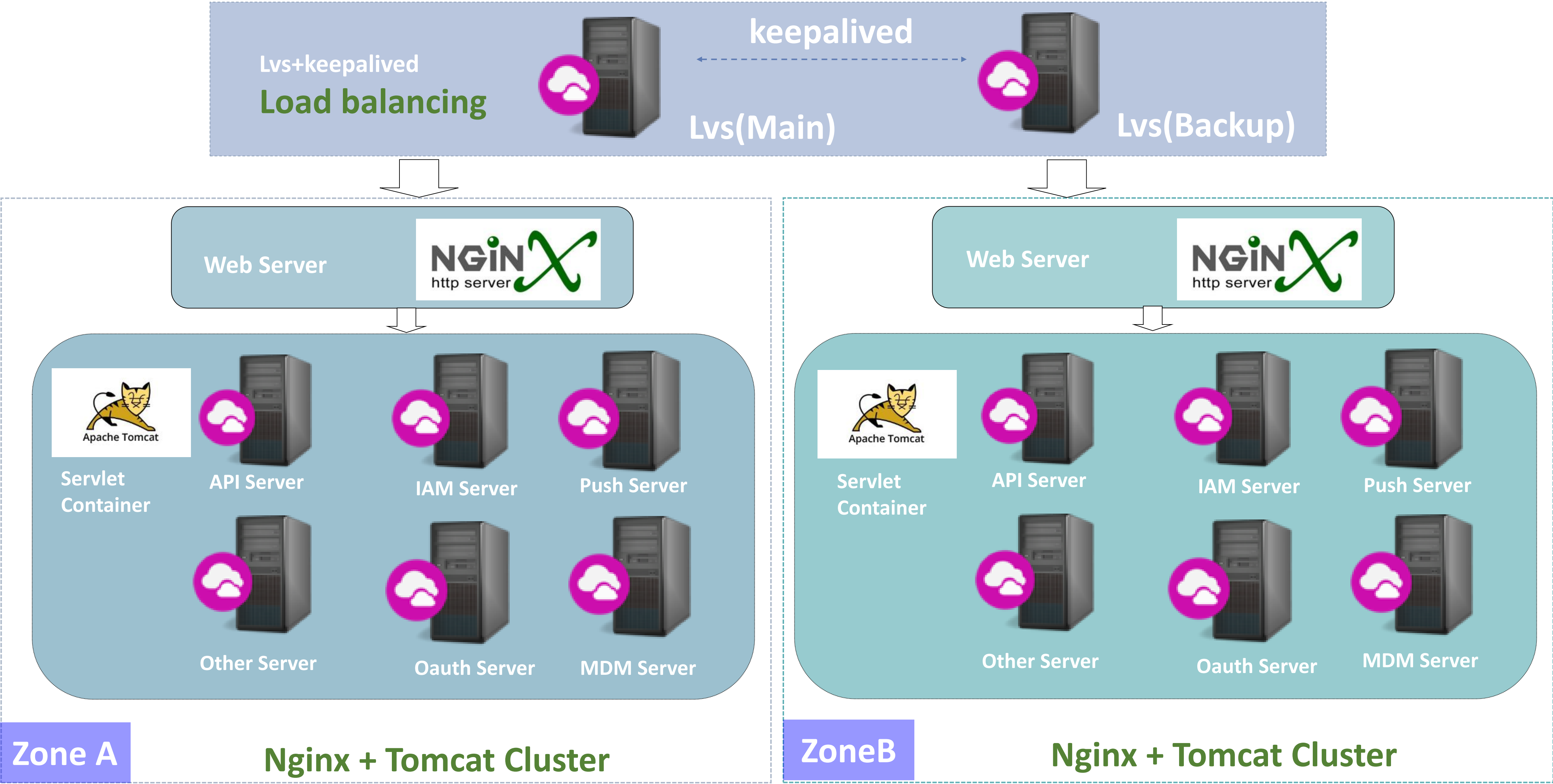
DMZ



Intranet



Privatization Deployment



Business Model

Private Deployment※		
Item	Payment Timing	Remark
License	Pay in development phase.	License fee only charge once.
NRE (Develop fee)	Pay in development phase.	Customization service. Need to estimate the total effort via the RFQ.
Maintenance	Pay before service and maintenance period annually.	Annual fee.
Royalty	Sync the quantity of devices shipped and pay in each quarter.	Step quotation according to different device quantity.
(※) Private Deployment -- Deploy MDM cloud service on customer' s cloud.		

Partners

Partner and Channel



Customer



Business Case–Remote device management platform

仪表盘

任务管理

固件管理

设备管理

设备使用者管理

策略管理

应用管理

分组管理

产品管理

用户管理

系统管理

帮助

所有产品

新建

修改

废弃

导入

模板下载

更多操作

设备使用人员管理

刷新

SN

搜索

	SN	IMEI	MAC	MEID	设备名称	关机 重启	称	固件版本号	状态	是否root	对应分组	使用地区	详情
<input type="checkbox"/>	34b69cd6	865873032...	0 1a:f5	990010261...	qq	设备定位 推送消息	353_64	eng.user.20200701...	激活	是	test0803	日本,冲绳岛	查看详情
<input type="checkbox"/>	34b6ae36	132156454...	00 9d	132156454...	bj-test-00000	设备锁定	353_64	eng.user.20200701...	激活	是	test0803	日本,冲绳岛	查看详情
<input type="checkbox"/>	Q45001E24...	351602005...	00 5:	A10000018...	msm8953_for...	设备解锁 恢复出厂设置	353_for...		入库	否	t55_test...		查看详情
<input type="checkbox"/>	747f2efe	354945100...	00: f5	0			aikit	eng.user.20200325...	激活	是	aikit		查看详情
<input type="checkbox"/>	160386770...	160386770...	160386770...	160386770...			test1		入库	否			查看详情
<input type="checkbox"/>	160386768...	160386768...	160386768...	160386768...			test1		入库	否			查看详情
<input type="checkbox"/>	160386767...	160386767...	160386767...	160386767...			test1		入库	否			查看详情
<input type="checkbox"/>	160386711...	160386711...	160386711...	160386711...			test1		入库	否			查看详情
<input type="checkbox"/>	160386709...	160386709...	160386709...	160386709...			test1		入库	否			查看详情

总共 47 条记录

12345>

10 条/页

跳至

页

S company

The camera business of an S company expects to have an equipment management platform to help manage and monitor its camera equipment. The system is divided into cloud end, device end and mobile end. Remote management is carried out in the cloud, business functions are realized in the device, and monitoring is carried out in the mobile terminal. The equipment management system provides a complete set of business management tools for the company's equipment.

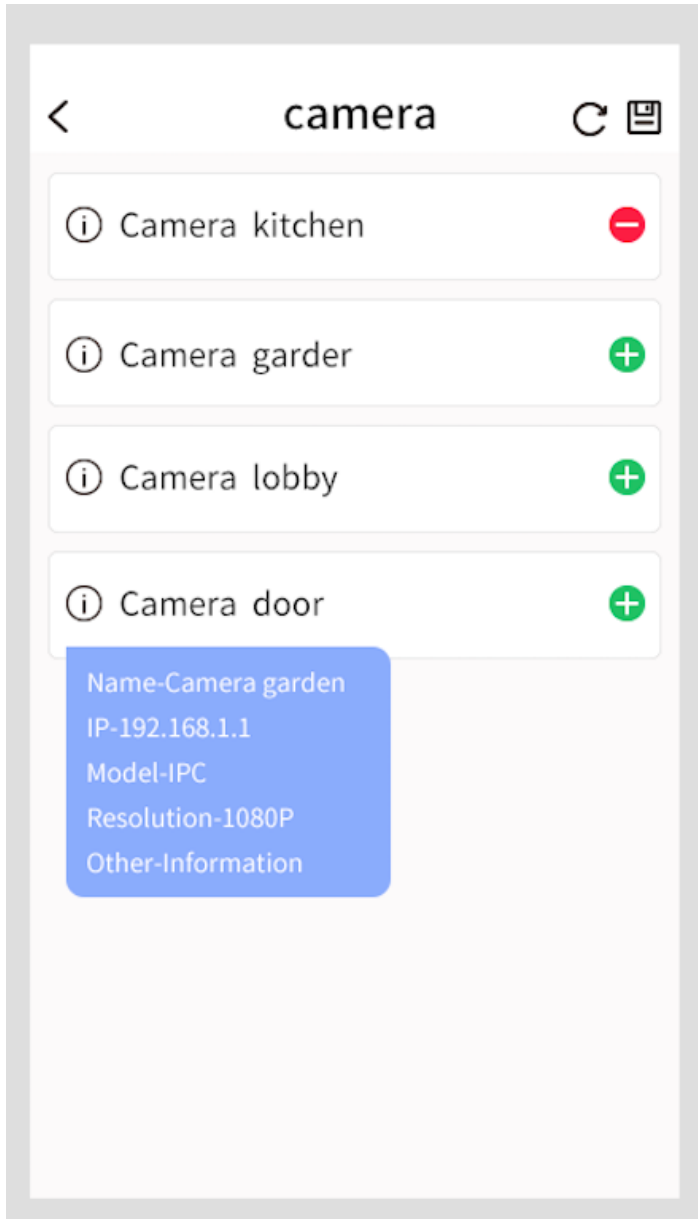
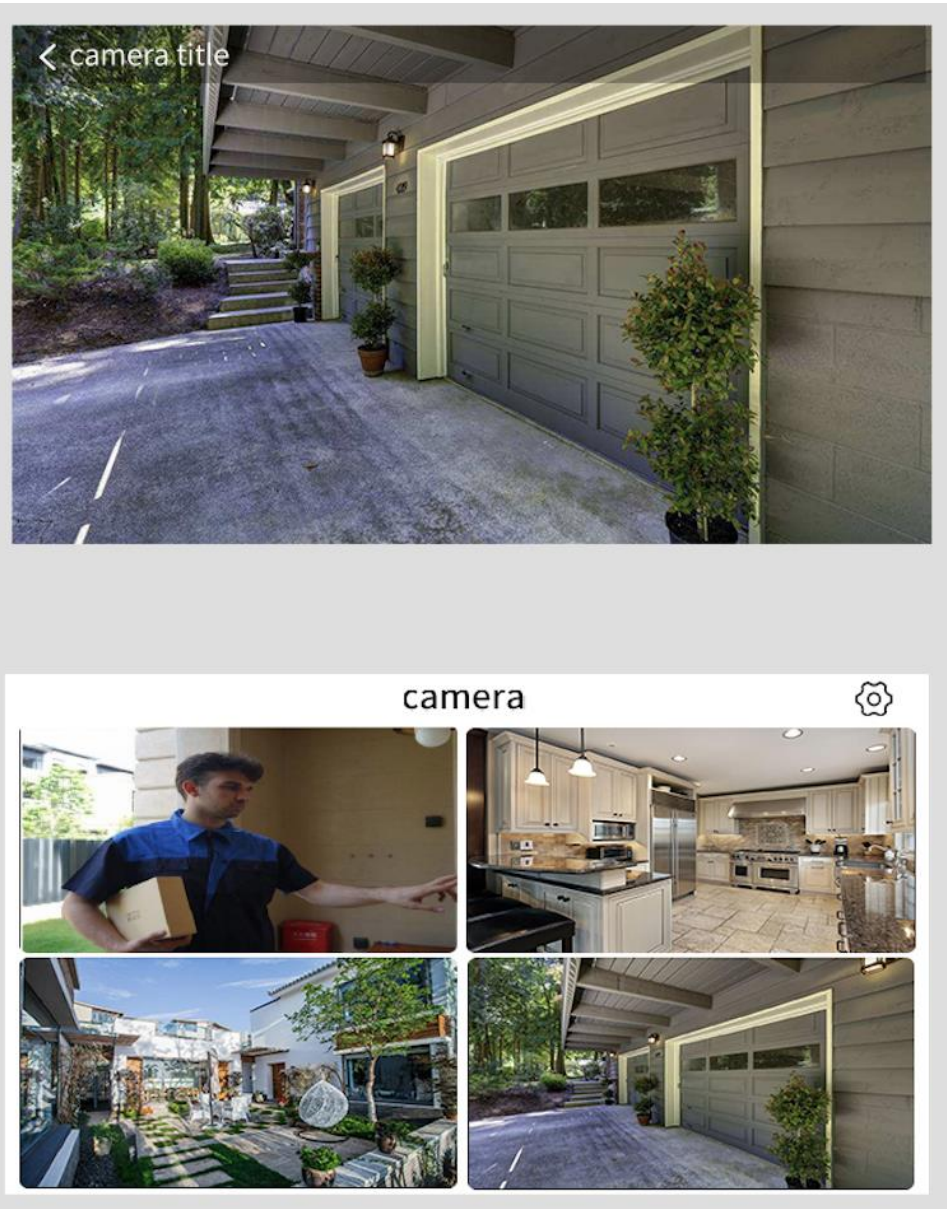
Customer requirements:

- It can carry out remote control, online management, firmware upgrade, application upgrade, offline strategy, etc.

Access security:

- The equipment is pre imported to ensure the legitimacy of the equipment
- Preset CA digital certificate and server for two-way verification

The device platform provides a million level device management architecture to meet high concurrent services, and can process the business functions of 1 million devices in 8 hours.



Business Case–SF Express



SF Express

As a leading enterprise of logistics delivery, SF Express equip delivery courier with smart phones with sweep code function. A manage platform is required to help SF to manage and monitor all the devices.

Customer requirements:

- BI, Collecting device usage data and analysis in back ground.
- App Management,
 - Restricting app white list to ensure only work related apps are allowed to use during work time.
 - Gated Launch, Upgrade apps in unit time and for part of couriers. When feedback of the new apps is good, the new app could be gradually launched for all couriers with low risk and high efficiency
- Access Security,
 - AP wireless verification linkage
 - CA digital certificate pre-verification
 - WLAN batch configuration

ThunderEMM provide EMM service to more than 300,000 SF devices.

Business Case-CETC



CETC

One of the China SOE military groups, which is approved by the State Council and directly managed by the central government. Quarkdata provide mobile information solution and construction planning advisory service to this group headquarters.

Customer Requirement:

Office work will be extended to mobile from PC. The mobile office solution contains a mobile office portal, secure access authentication, and unified APPs authorization.

Usage Scenario:

Though ThunderEMM platform, this group can identify and authorize access users, and distribute Apps. ThunderEMM client which is used as an office portal, provide Apps and information encryption and protection.

ThunderIAM & ThunderEMM has been formally launched in the group headquarters, and will be gradually popularized in the company and each sub company in future.

Business Case-China Telecom



China Telecom

Quarkdata as China Telecom exclusive EMM partner, used to support the secured office product of China Telecom. By the first quarter of 2016, ThunderEMM have deployed in over 10 provinces as SaaS.

ThunderEMM provides secure container, application store and other device management features. The secured office is isolated from personal space by secure container, as well as other application distributed by ThunderEMM.

ThunderEMM also supports various user authentication method such as pin, gesture, certificate and usim card.




Thundercomm

让我们的智能技术应用于每一台物联网设备

美国，圣迭戈


6540 Lusk Blvd. Suite C166
San Diego CA 92121

 +1-408-660-8800

 service@thundercomm.com

中国，北京

北京市海淀区学清路甲38号金码大厦B
座5层

 +86-10-82398696

 service@thundercomm.com

日本，东京

9F Osaki wiz tower Building, 2-11-1
Osaki, Shinagawa-Ku, Tokyo, Japan,
141-0032

 service@thundercomm.com

韩国，首尔

#401, 4fl, Uspace 2-B, 670,
Daewangpangyo-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, 13494
Korea

 service@thundercomm.com

德国，乌尔姆

Magirus-Deutz-Str. 13 89077 Ulm

 service@thundercomm.com

www.thundercomm.com

Copyright Thundercomm Technology Co., Ltd. 2016-2022 All right reserved