

An aerial night view of a city skyline, likely New York City, featuring numerous illuminated skyscrapers. A semi-transparent blue overlay covers the middle portion of the image, serving as a background for the text.

Inventory Management Practice of Fun Sports

IMA Case Competition
XN20211498

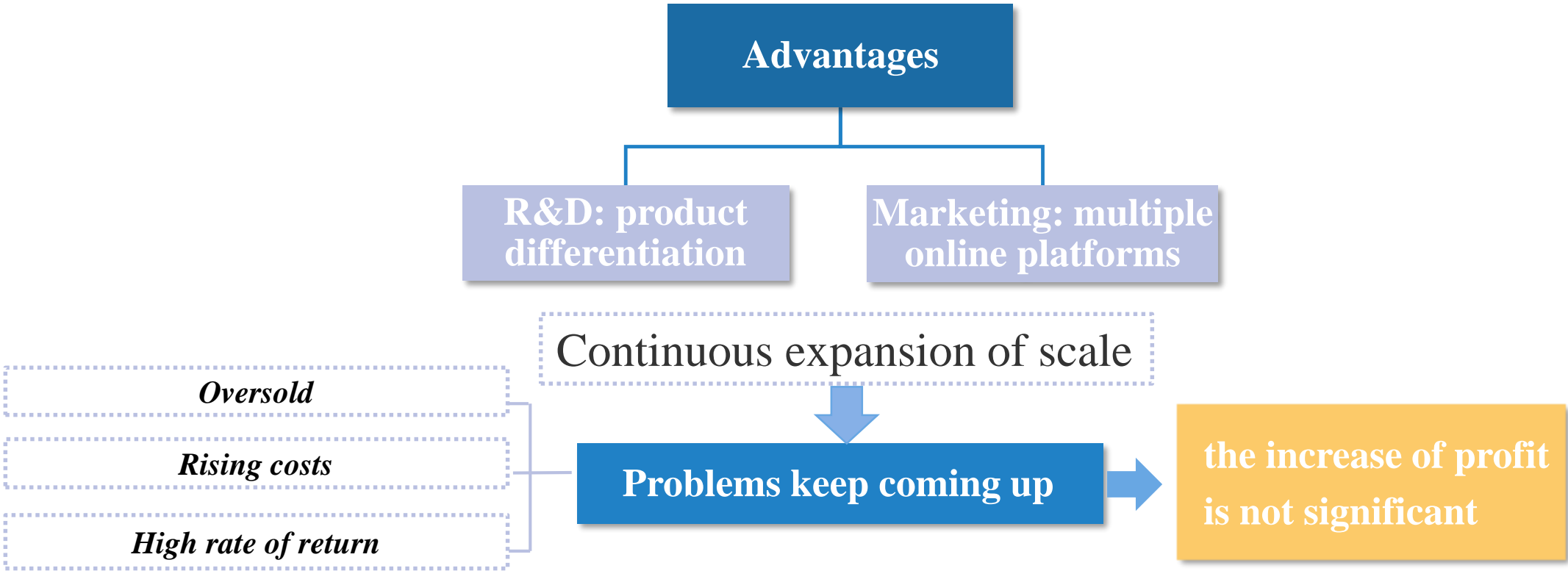
Funsports **X** ?

Strategic Cooperation Conference

Looking for a long-term partner

More open • Be stronger together!

Funsport: a small B2C online store that specializes in sense training equipment

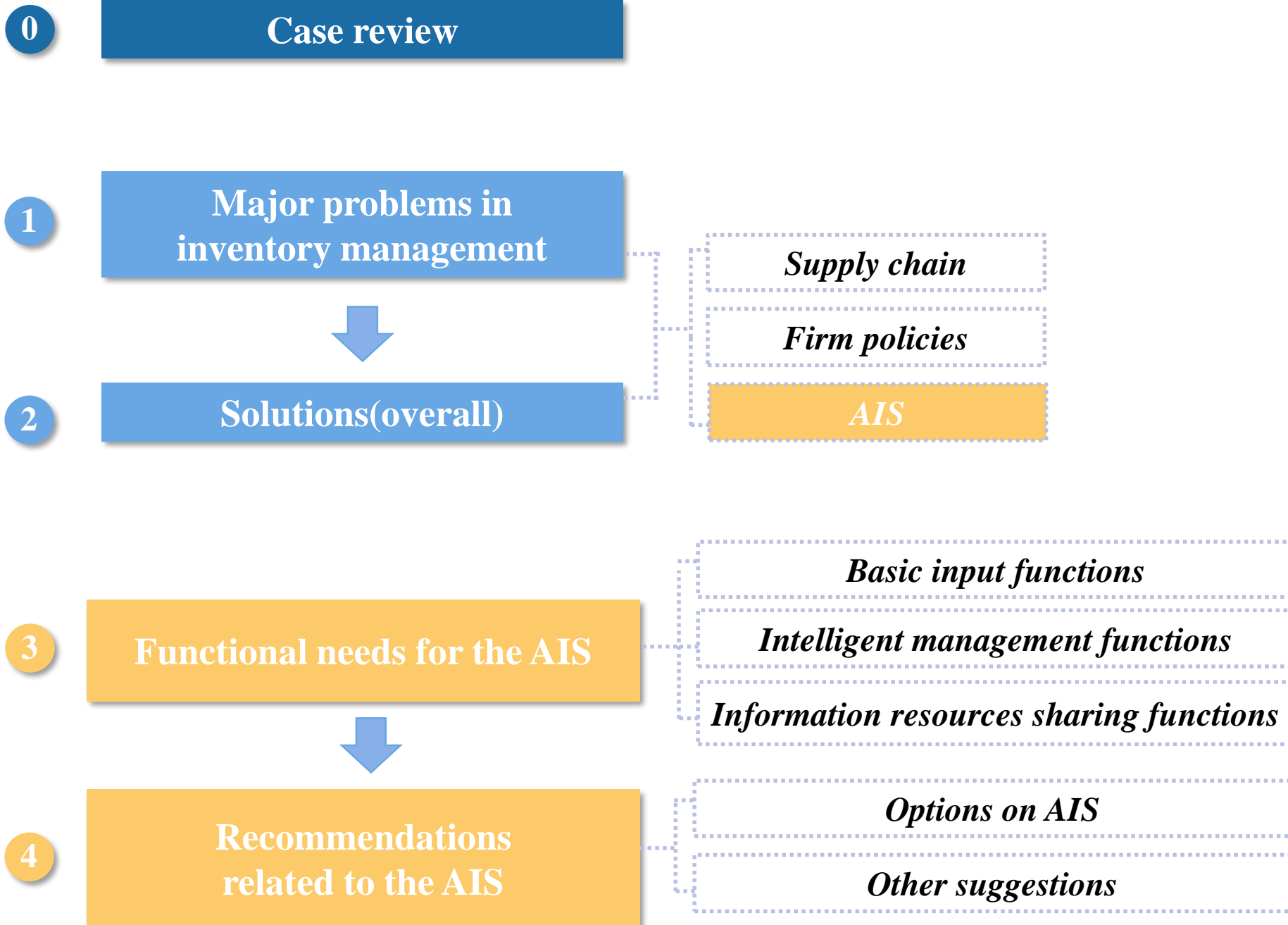


Inventory Management>>Supply Chain



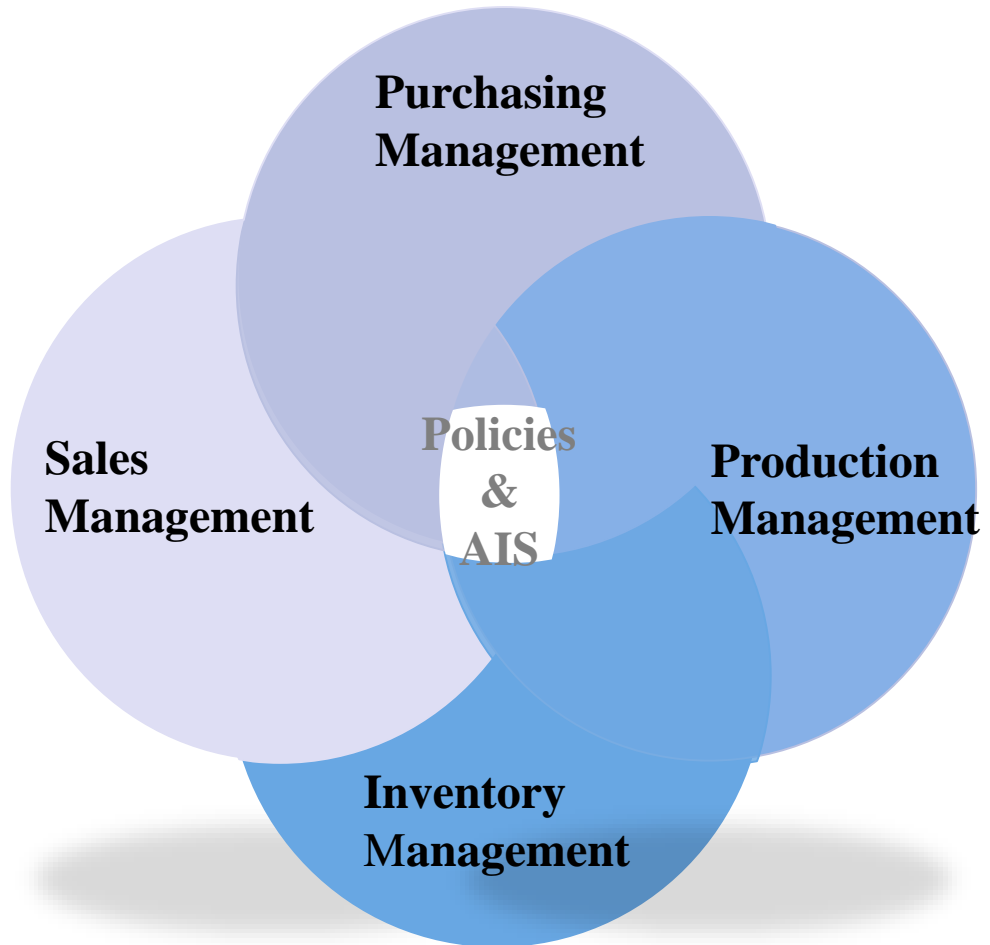
Information management system

- We hope you can:***
- ❑ Further analyze **inventory management problems** and propose **solutions**
 - ❑ Recommend some **information management systems**



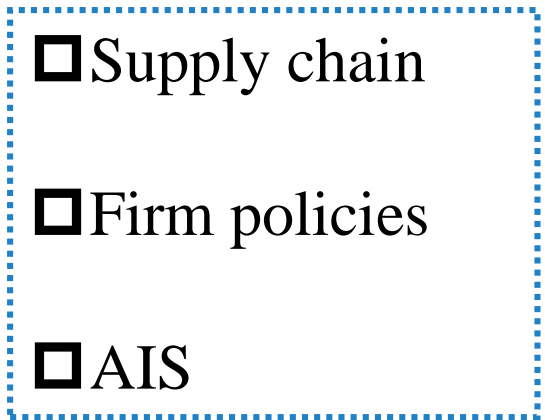
The 1st Level

6 Aspects

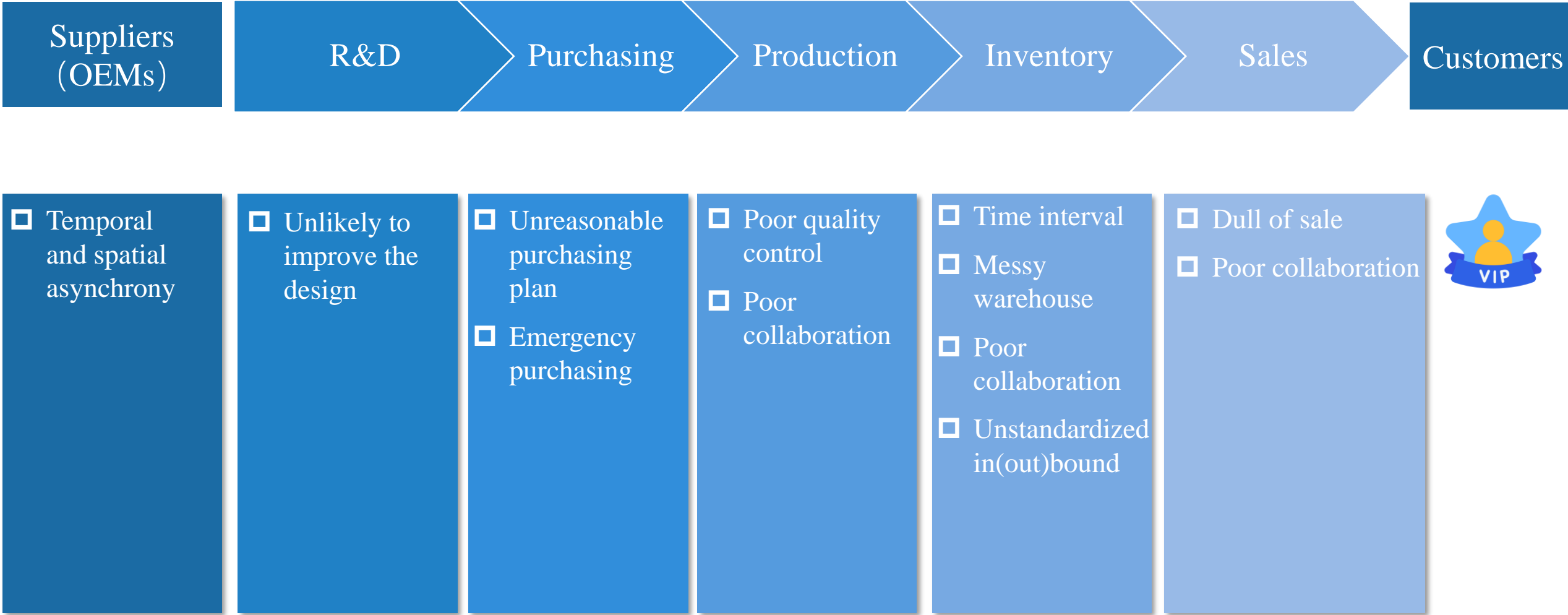


The 2nd Level

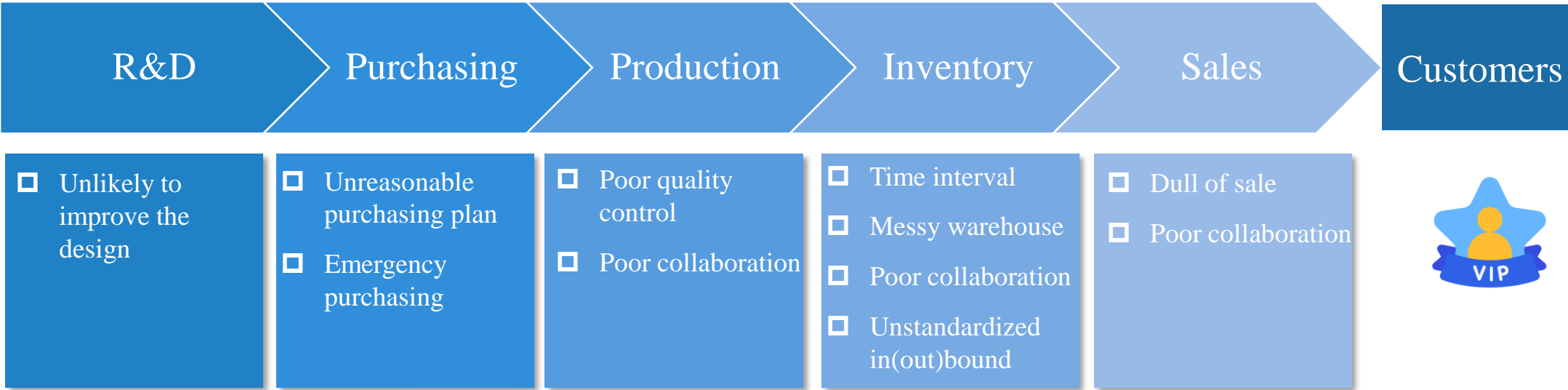
3 Categories



Weak supply chain (management) leads to the problems

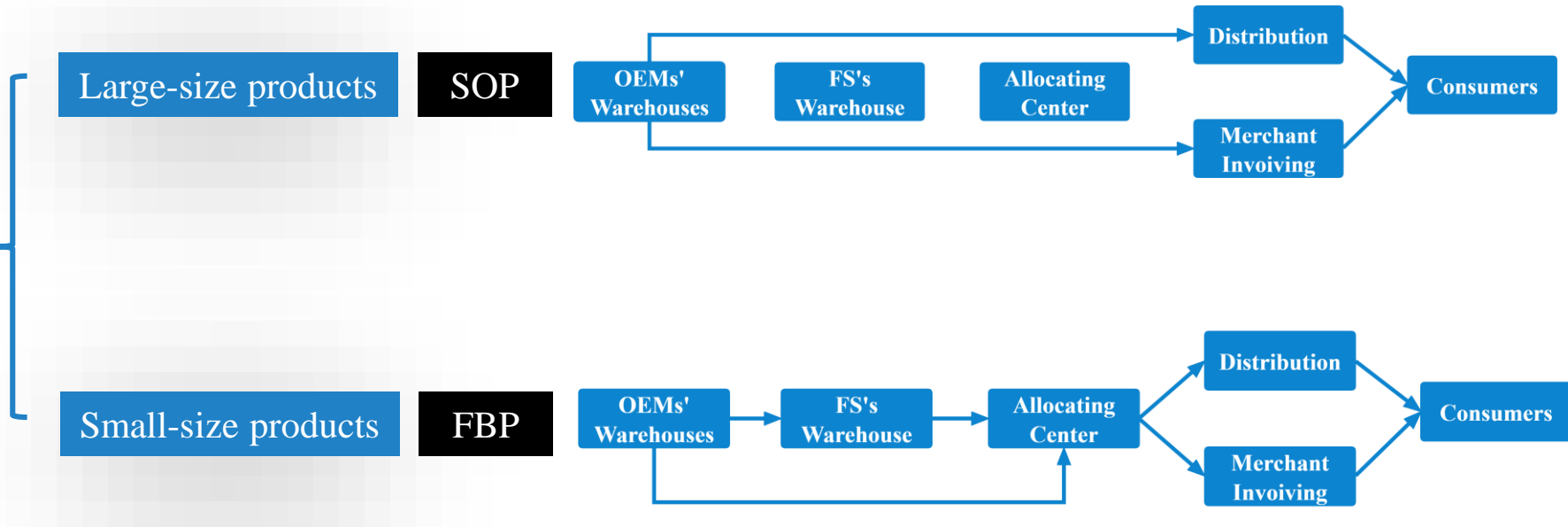


Weak supply chain (management) leads to the problems



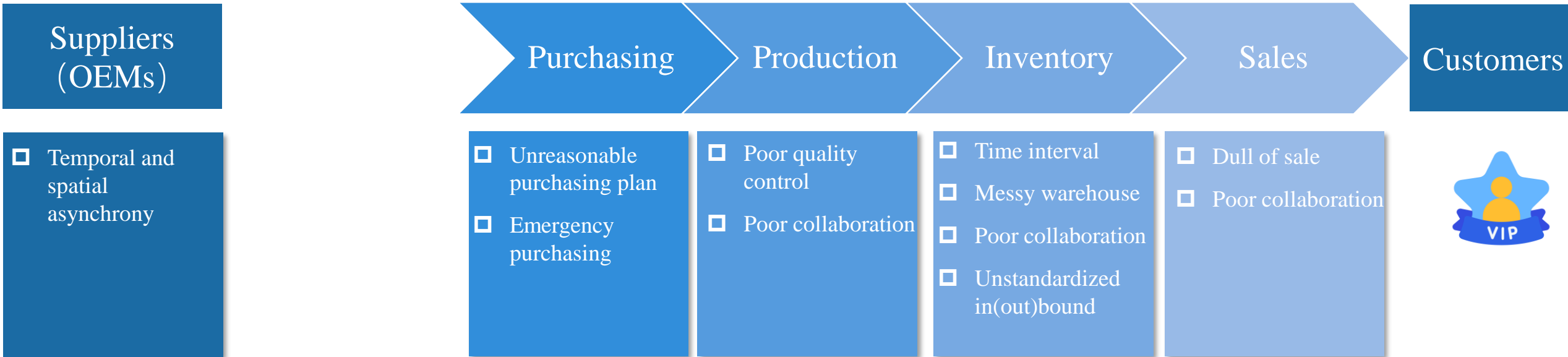
Suppliers (OEMs)

Temporal and spatial asynchrony



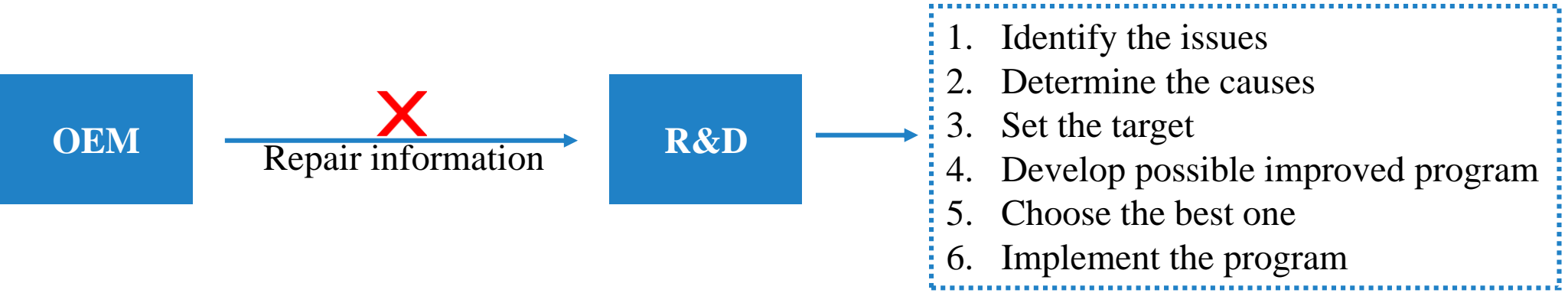
Source: Case information, JD supply chain models

Weak supply chain (management) leads to the problems

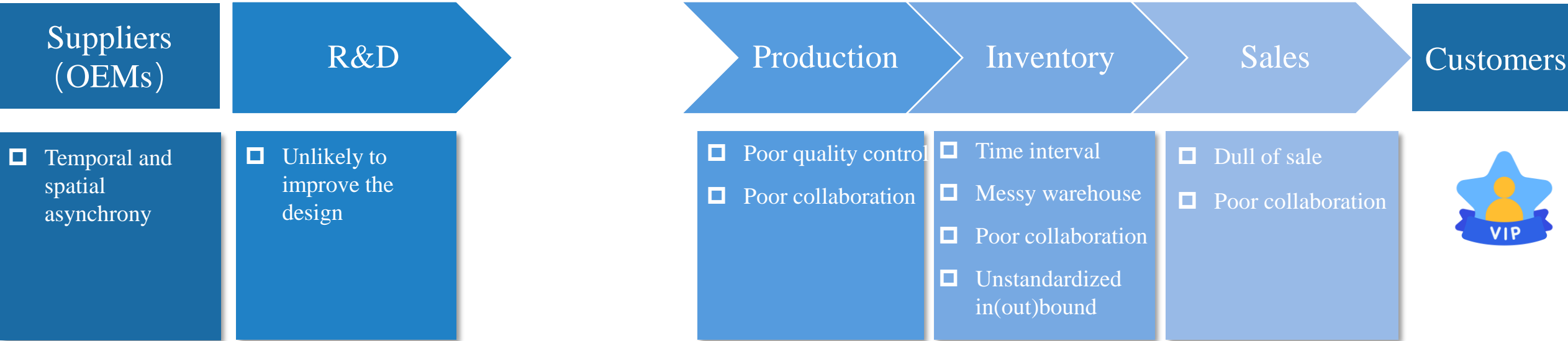


R&D

Unlikely to improve the design

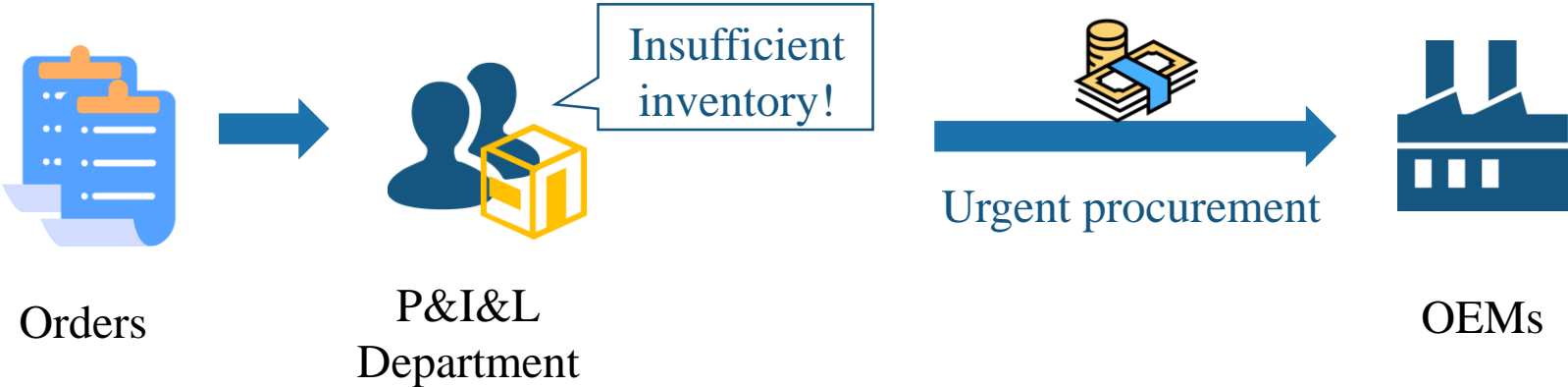


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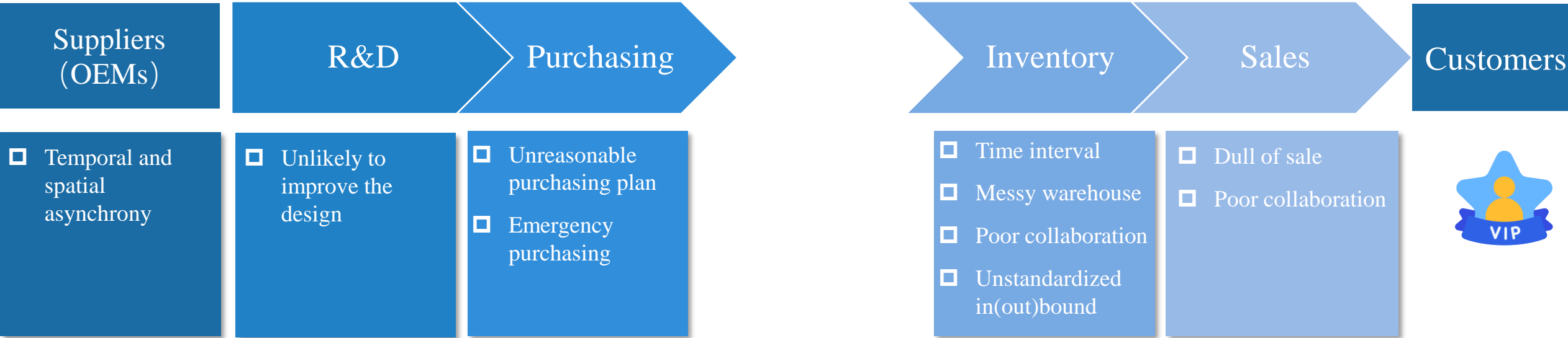


Purchasing

- Unreasonable purchasing plan
- Emergency purchasing

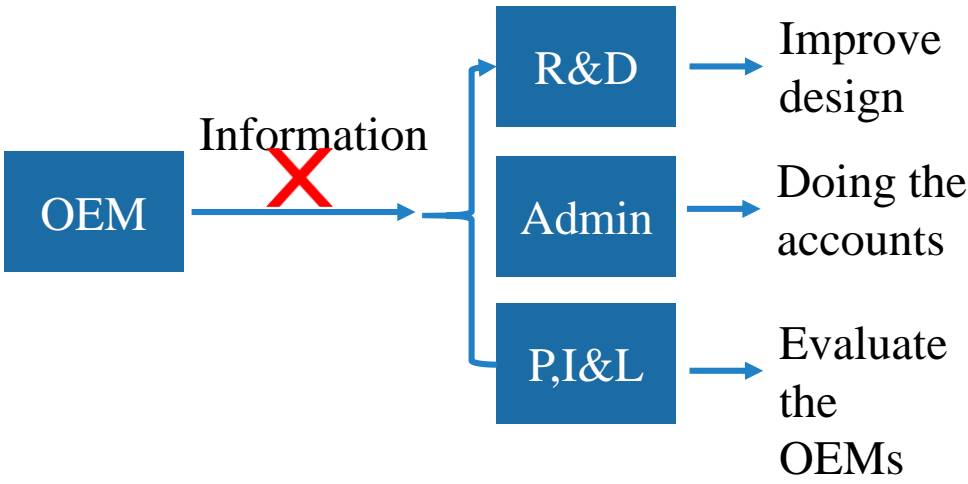
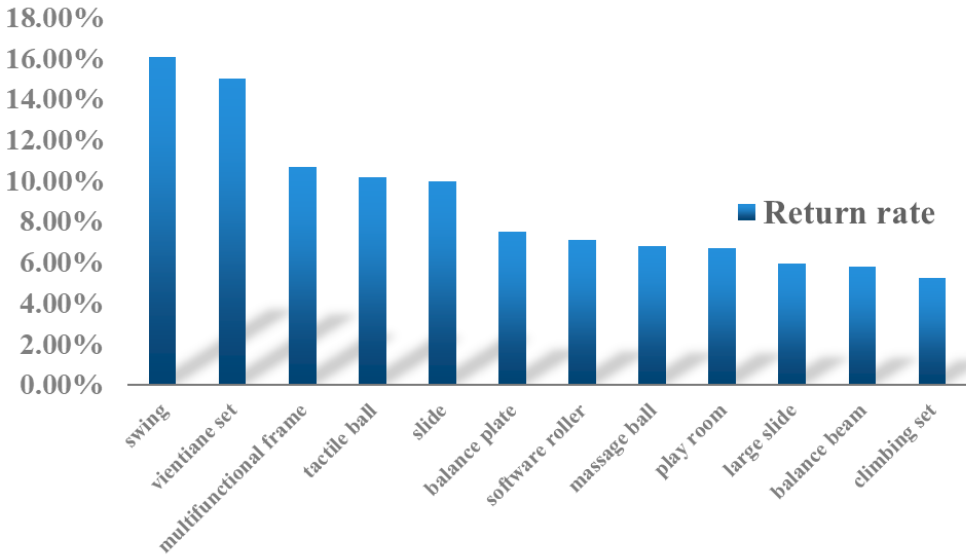


Weak supply chain (management) leads to the problems

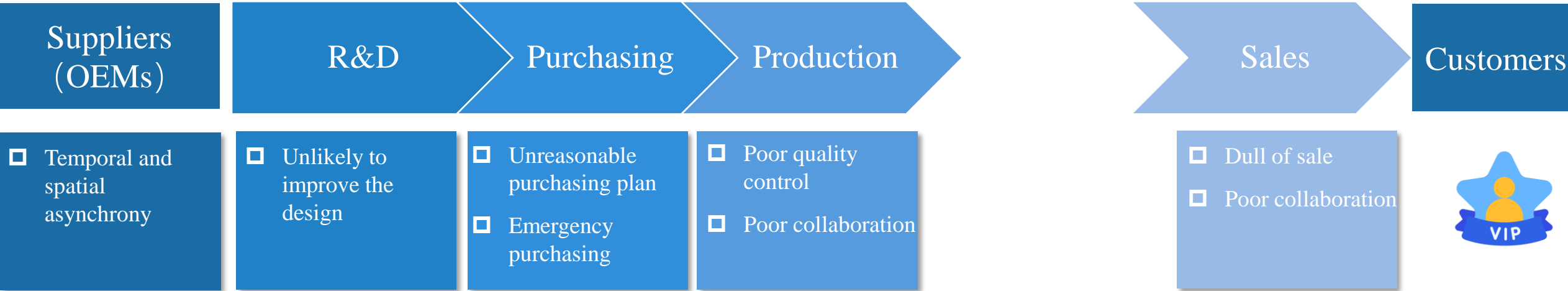


Production

- Poor quality control
- Poor collaboration



Weak supply chain (management) leads to the problems



Inventory

- Time interval
- Messy warehouse
- Poor collaboration
- Unstandardized inbound and outbound



Time interval

Inventories are only confirmed **at the end of each month.**



Messy warehouse

No **classification** of inventory



Poor collaboration

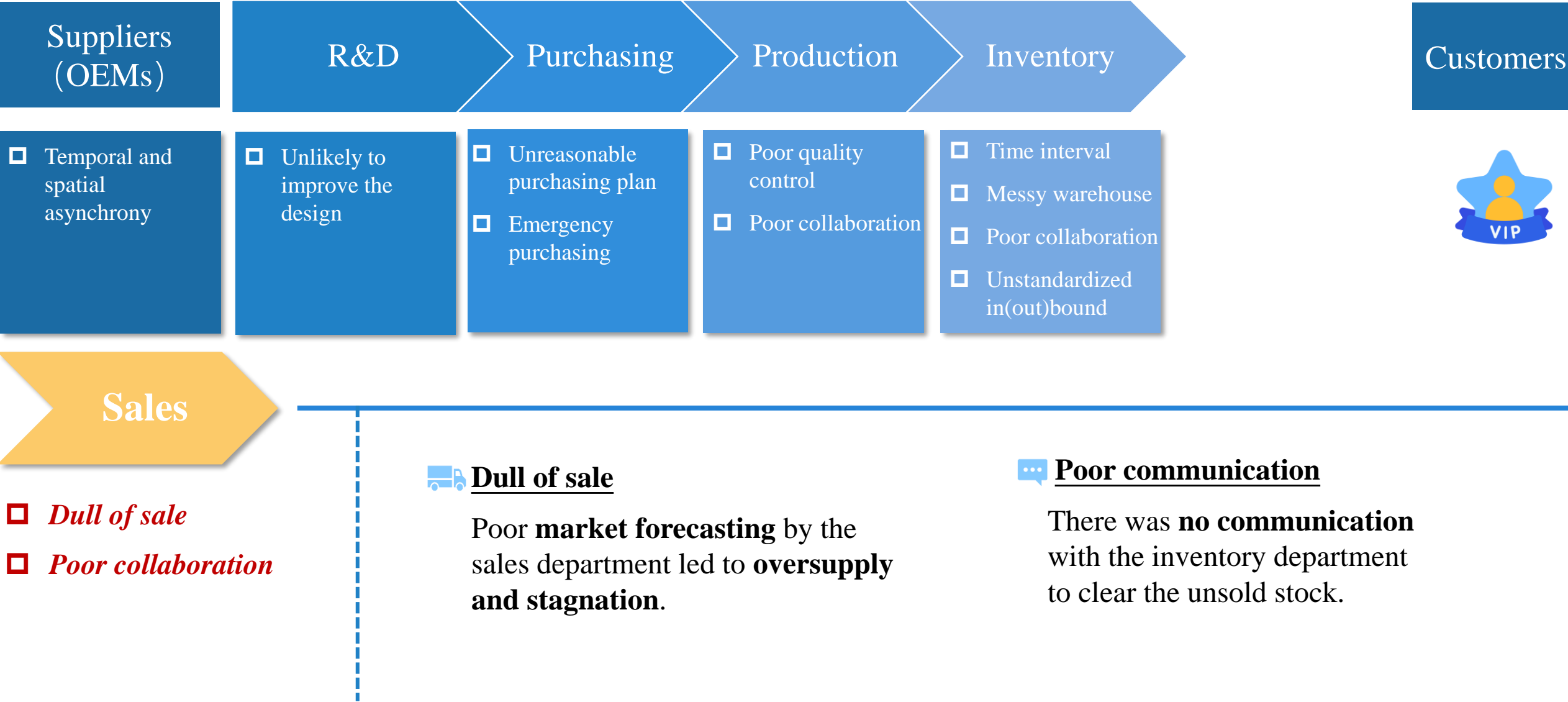
Not enough cooperation with Admin, Purchase and Sales departments



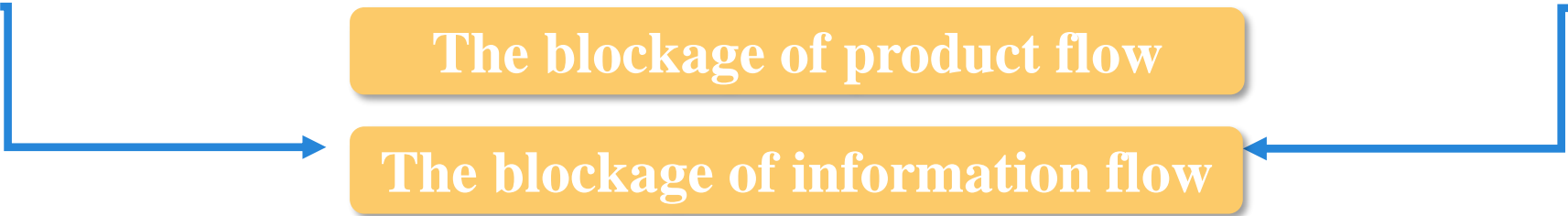
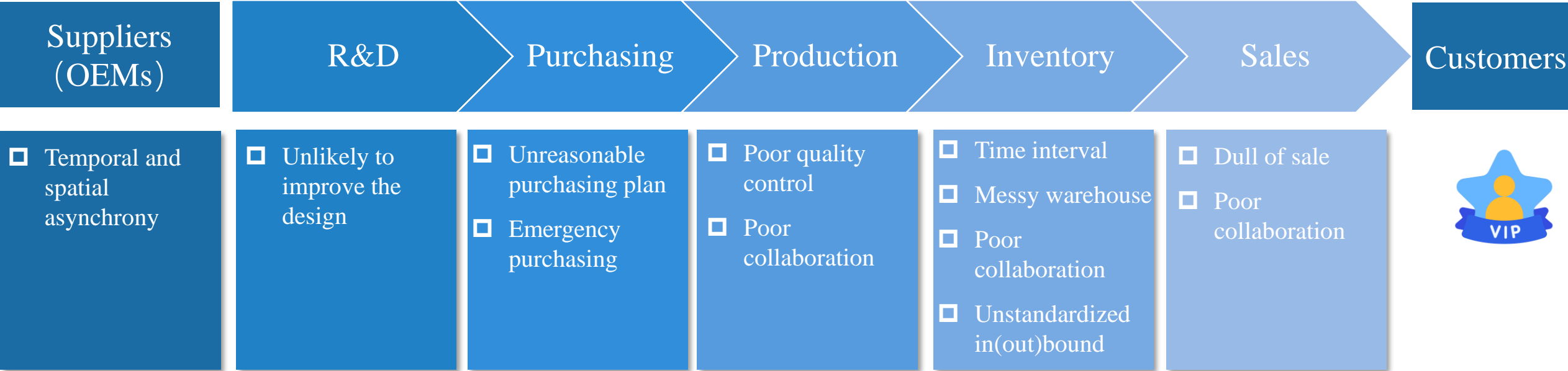
Unstandardized inbound and outbound

Lack **professional personnel** and specific procedures

Weak supply chain (management) leads to the problems



Weak supply chain (management) leads to the problems



Weak supply chain

Flawed inventory management due to lack of sound firm policies



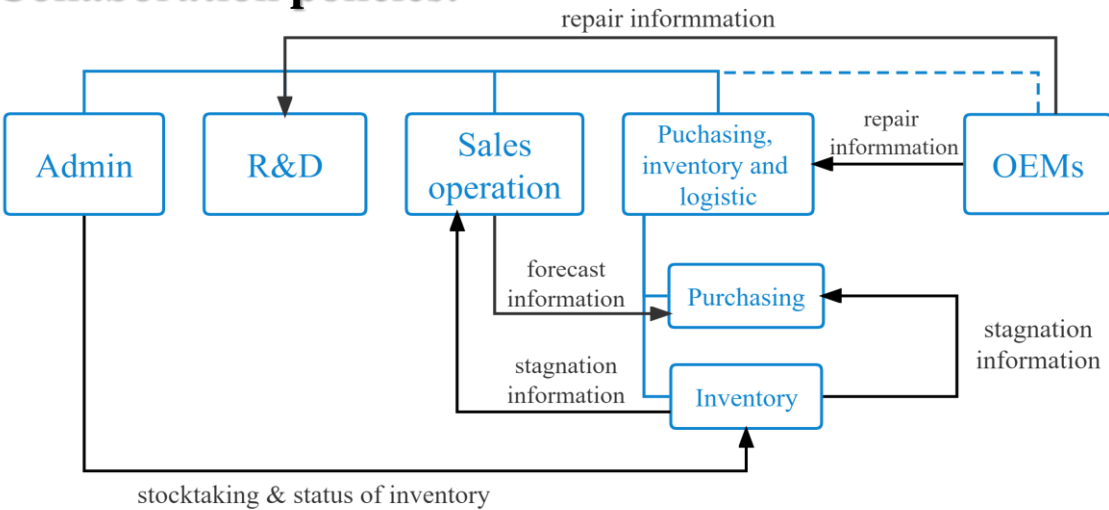
OEM Management Policies

- ❑ Q1: How to control the quality of raw material and finished goods?
- ❑ Q2: How frequent to reconcile the accounts?
 - of OEM
 - of FS
- ❑ Q3: What is the status of the inventories in OEMs' warehouse?

❑ Stocktaking policies:

- for OEM inventories: How & How often?
- for self-owned warehouse inventories: the same

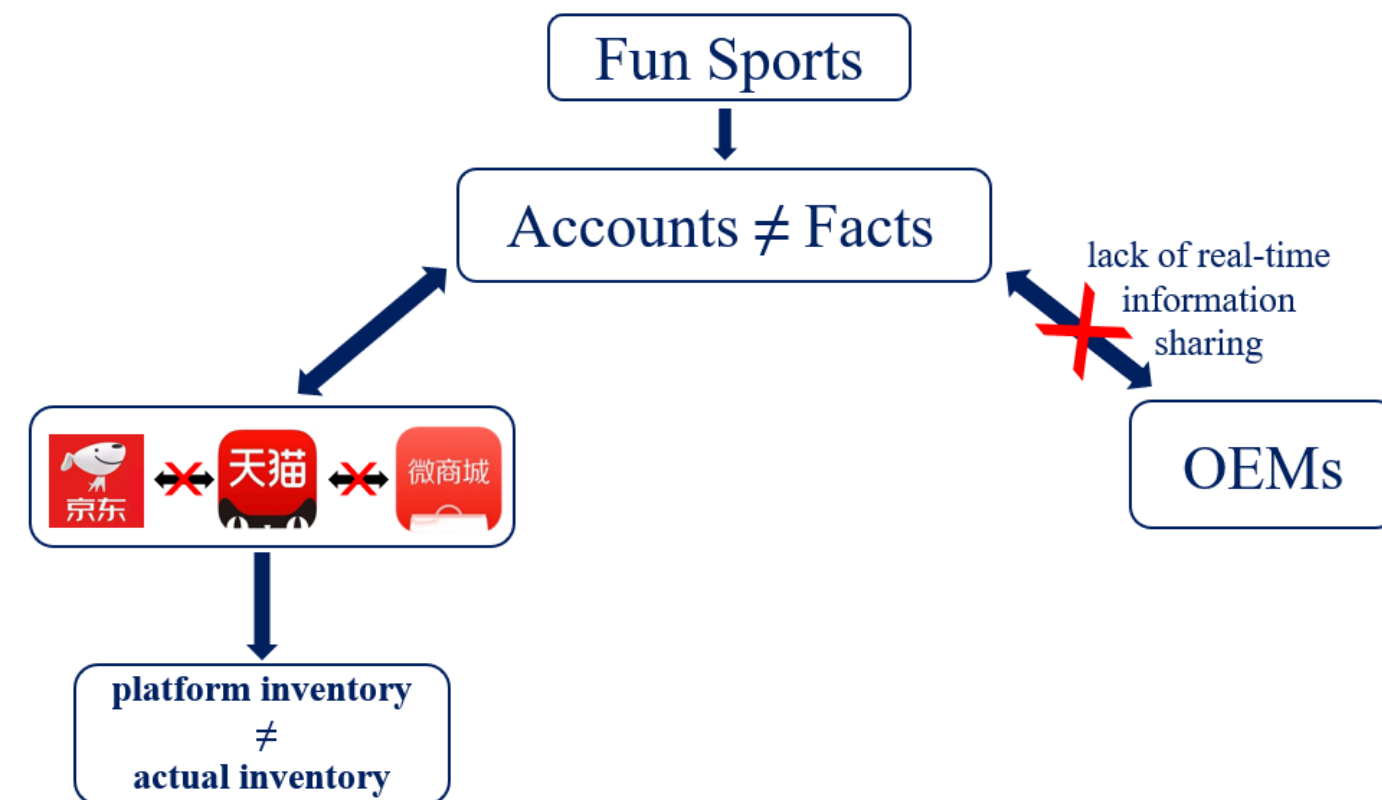
❑ Collaboration policies:



❑ Inbound, outbound & warehouse policies:

Inbound and outbound processes, stacking of goods, product storage cycle

Information blockage due to lack of AIS



① IF blockage between sales platforms

- a. Asynchronous information
- b. The virtual inventory setting

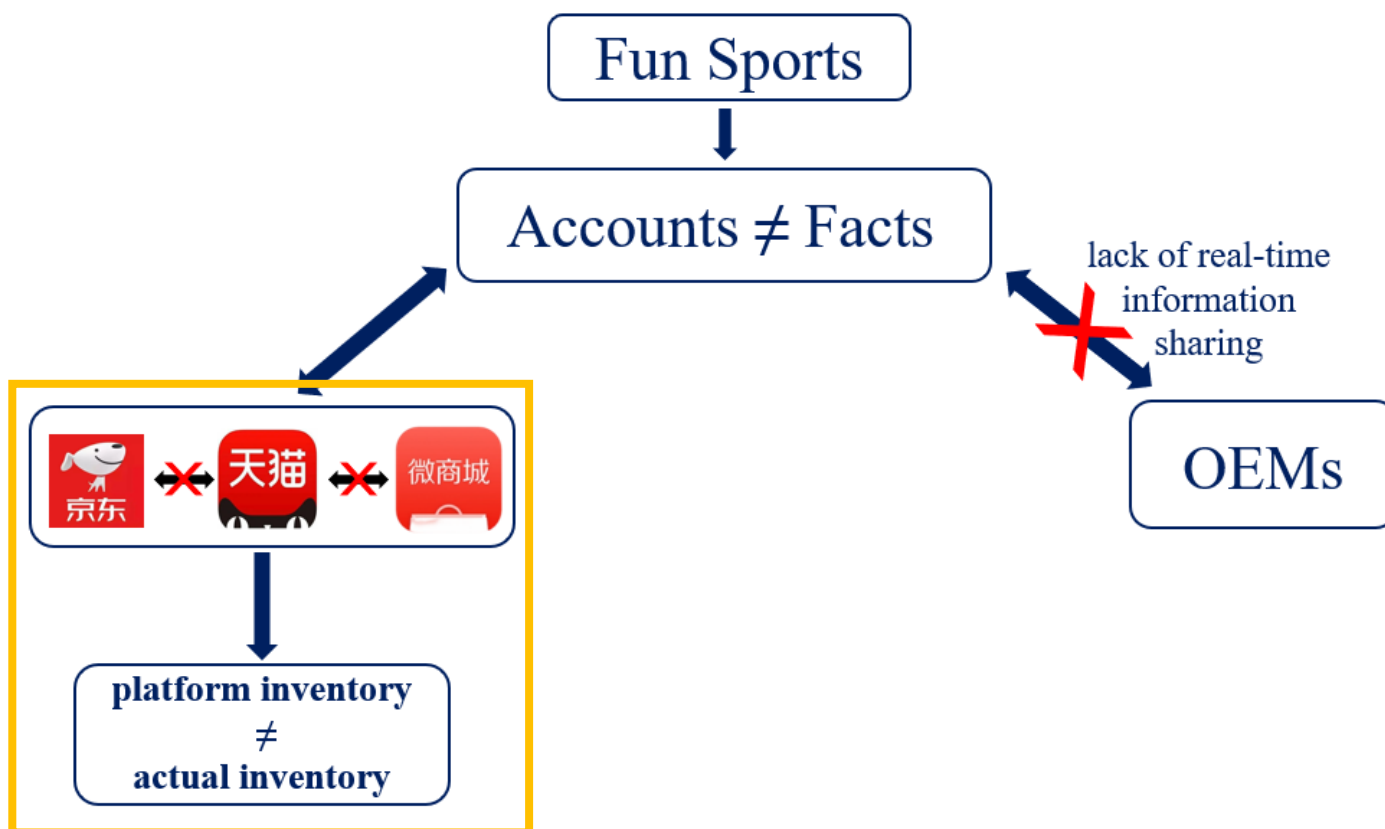
② IF blockage between FS' accounts and facts

- a. Improper abnormal products reporting
- b. No systematical record of inventory conditions

③ IF blockage between OEMs and FS

- a. Don't know the quantity of inventories
- b. Don't know the status of inventories

Information blockage due to lack of AIS



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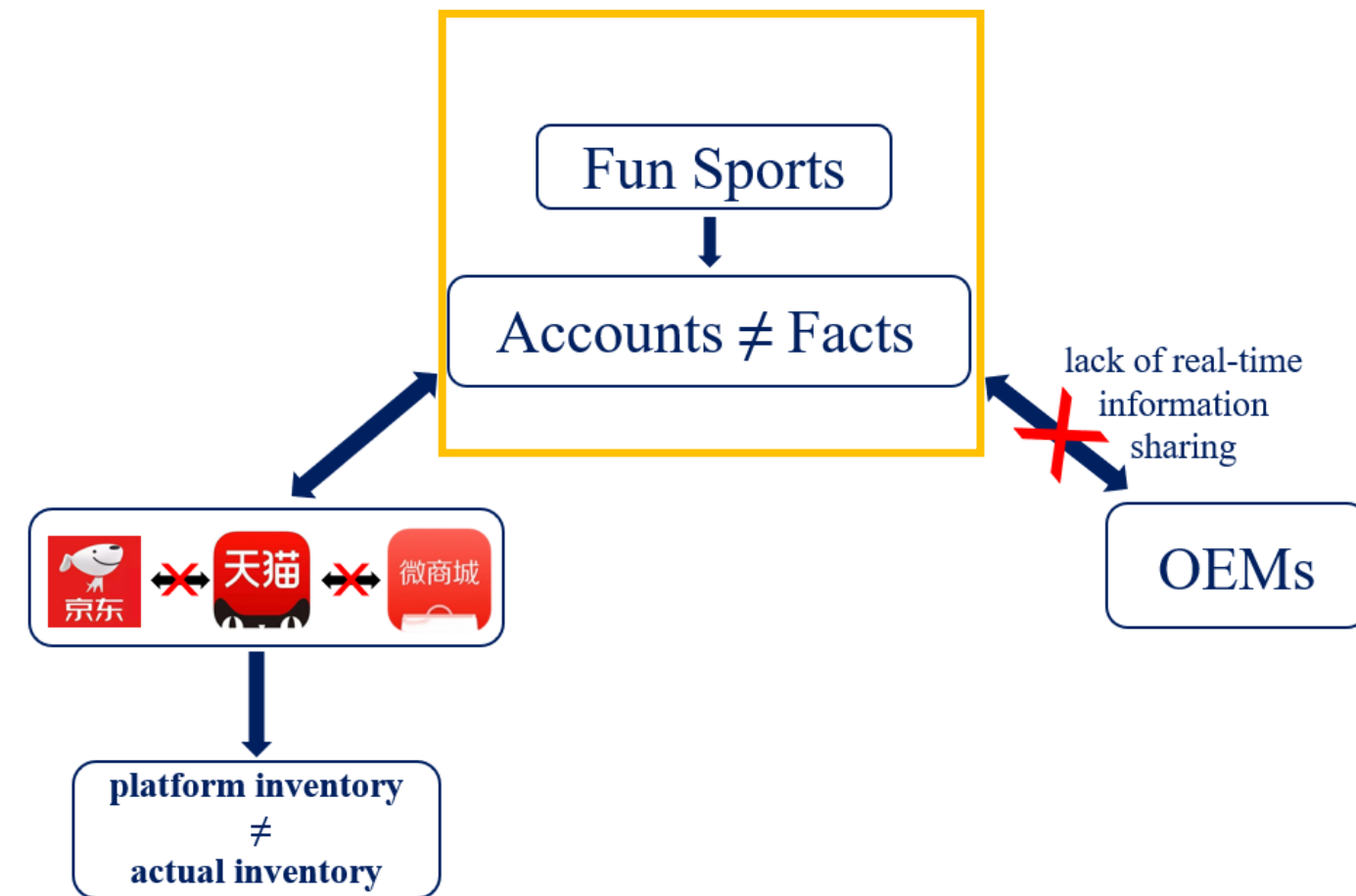
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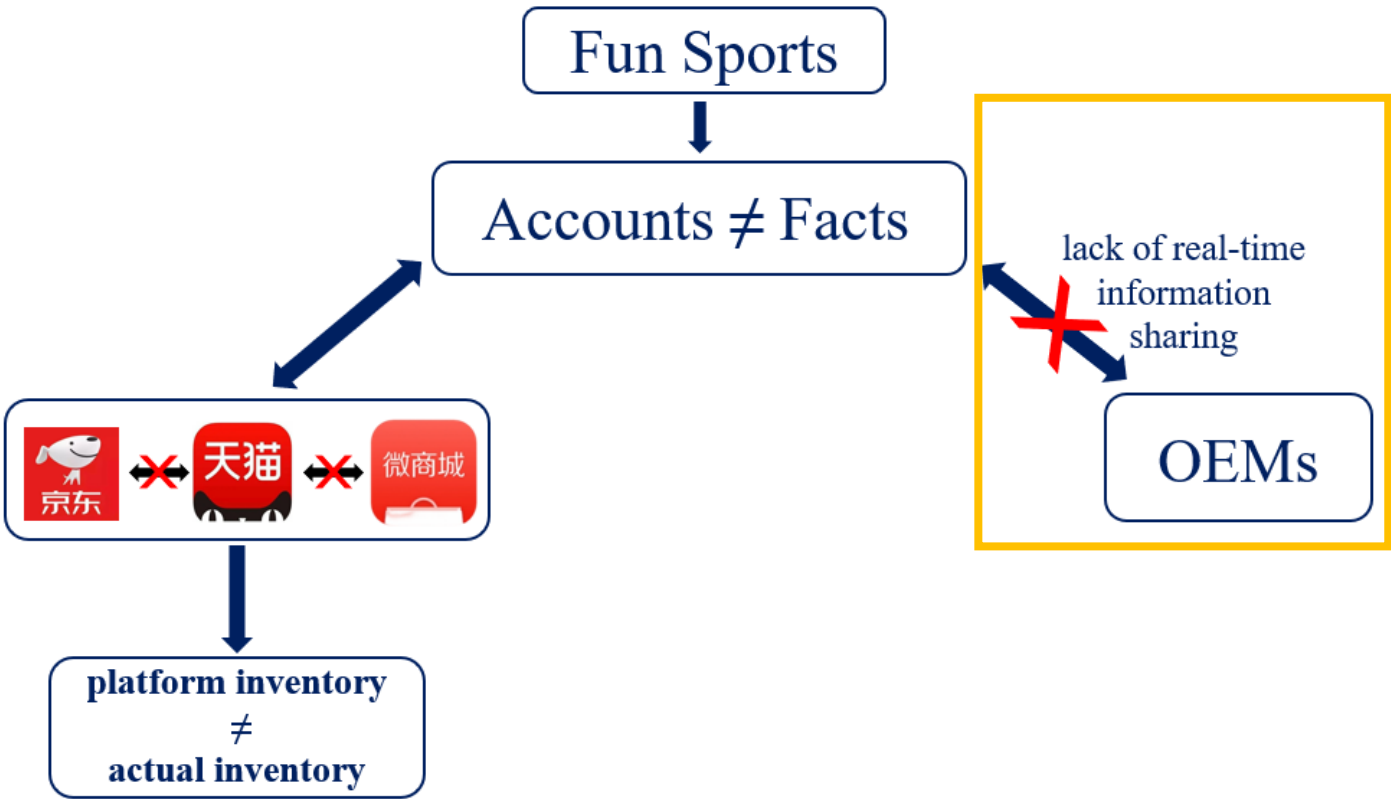
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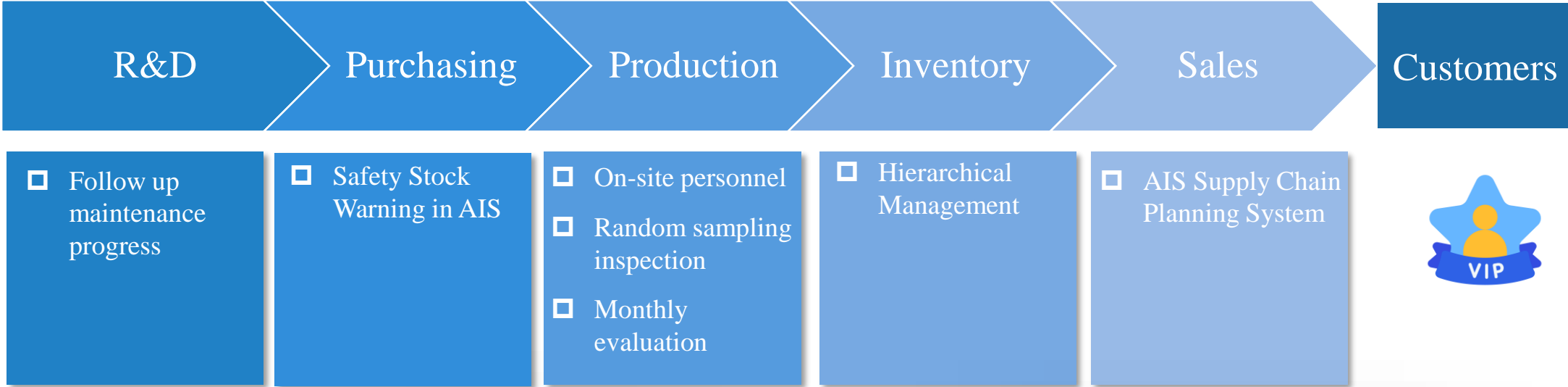
Overall Solutions



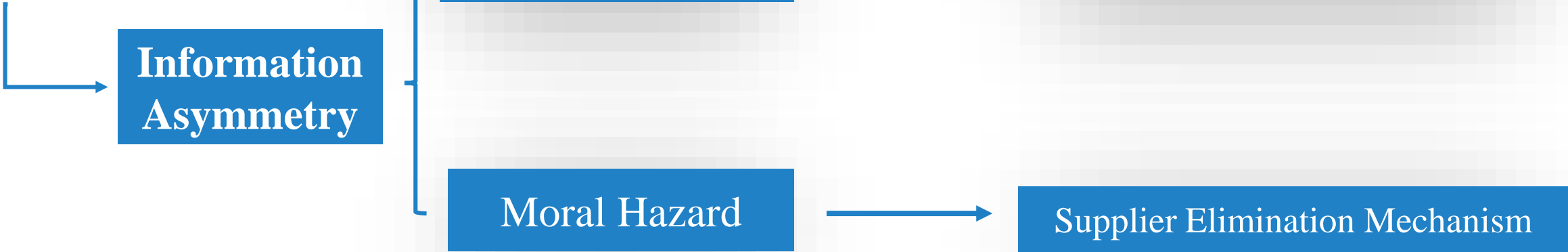
- | | | | | | |
|--|--|---|---|---|--|
| <ul style="list-style-type: none">❑ Suppliers Performance Management❑ Suppliers Elimination Mechanism | <ul style="list-style-type: none">❑ Follow up maintenance progress | <ul style="list-style-type: none">❑ Safety Stock Warning in AIS | <ul style="list-style-type: none">❑ On-site personnel❑ Random sampling inspection❑ Monthly evaluation | <ul style="list-style-type: none">❑ Hierarchical Management | <ul style="list-style-type: none">❑ AIS Supply Chain Planning System |
|--|--|---|---|---|--|



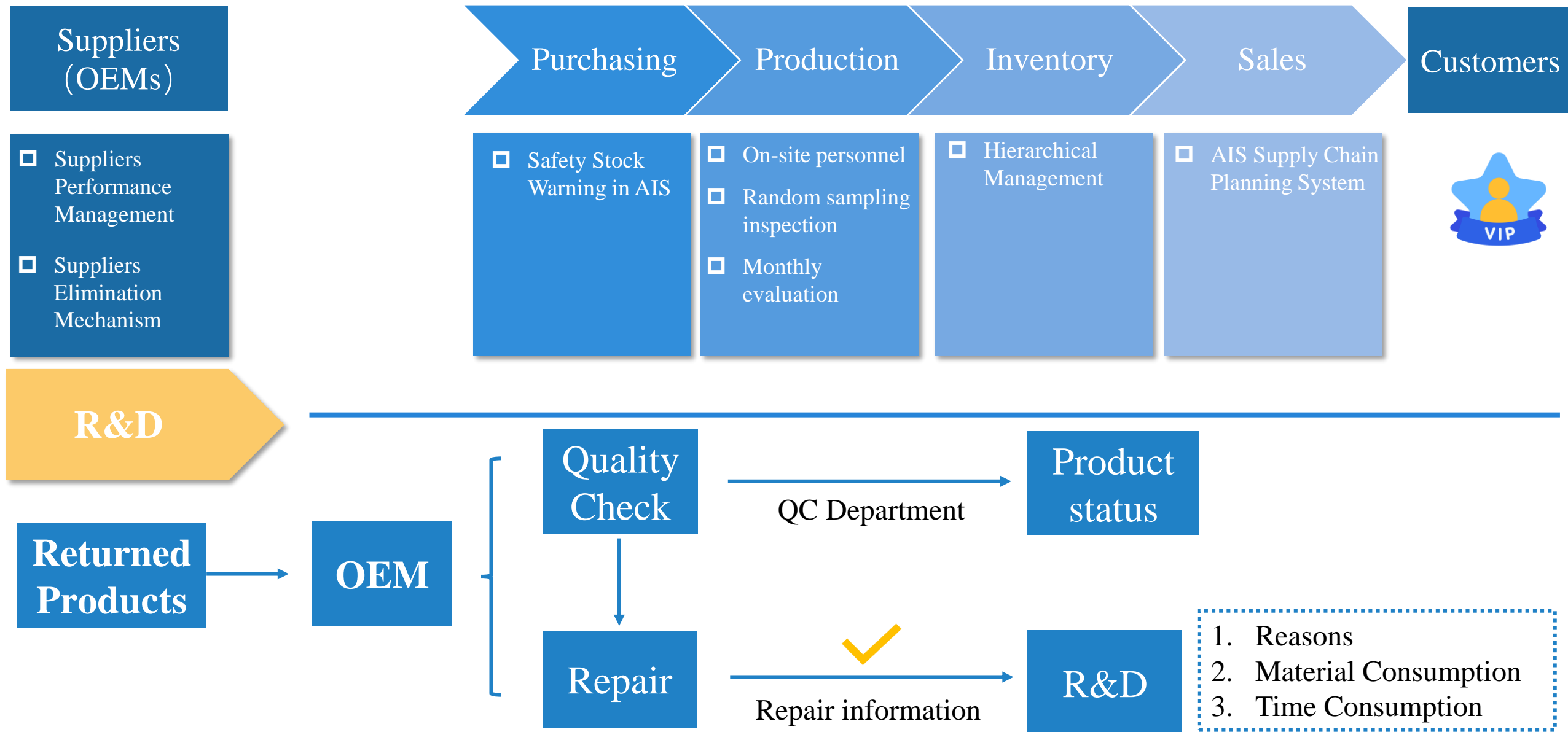
Overall Solutions



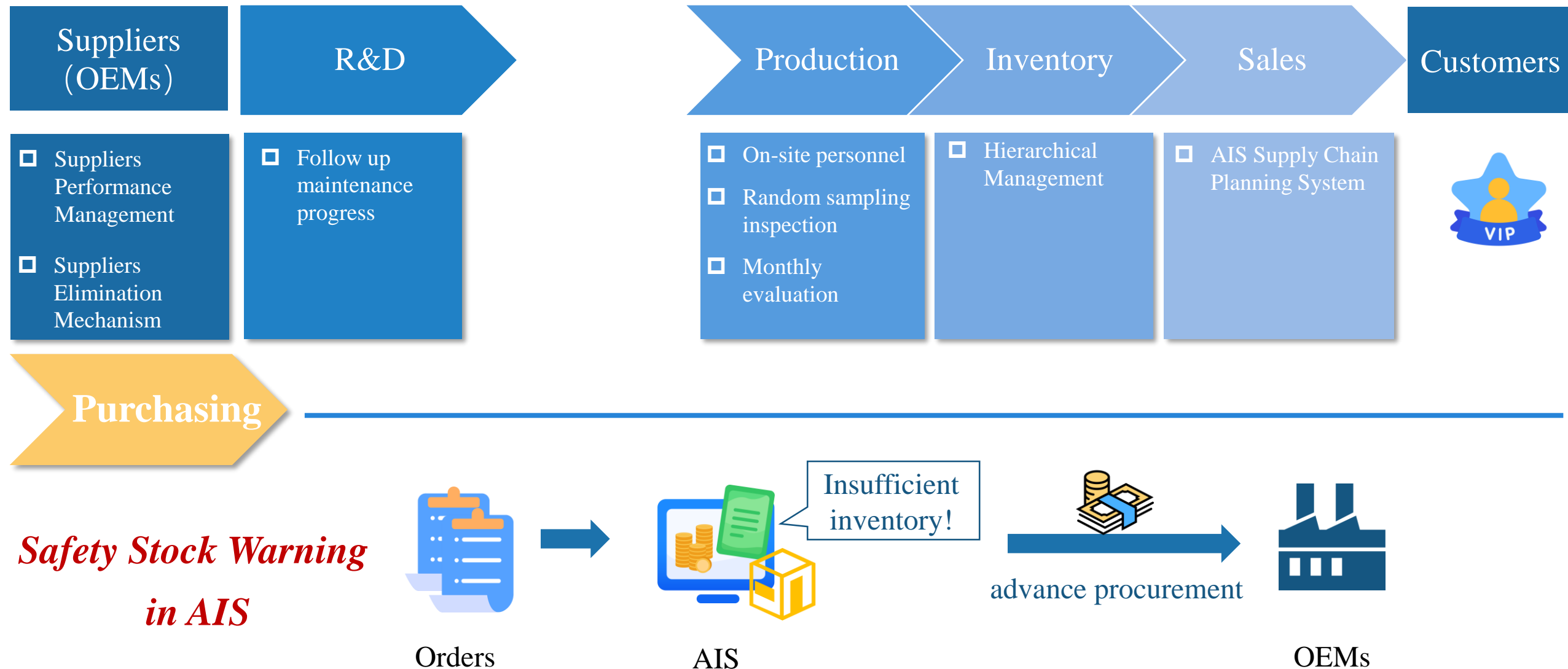
Suppliers (OEMs)



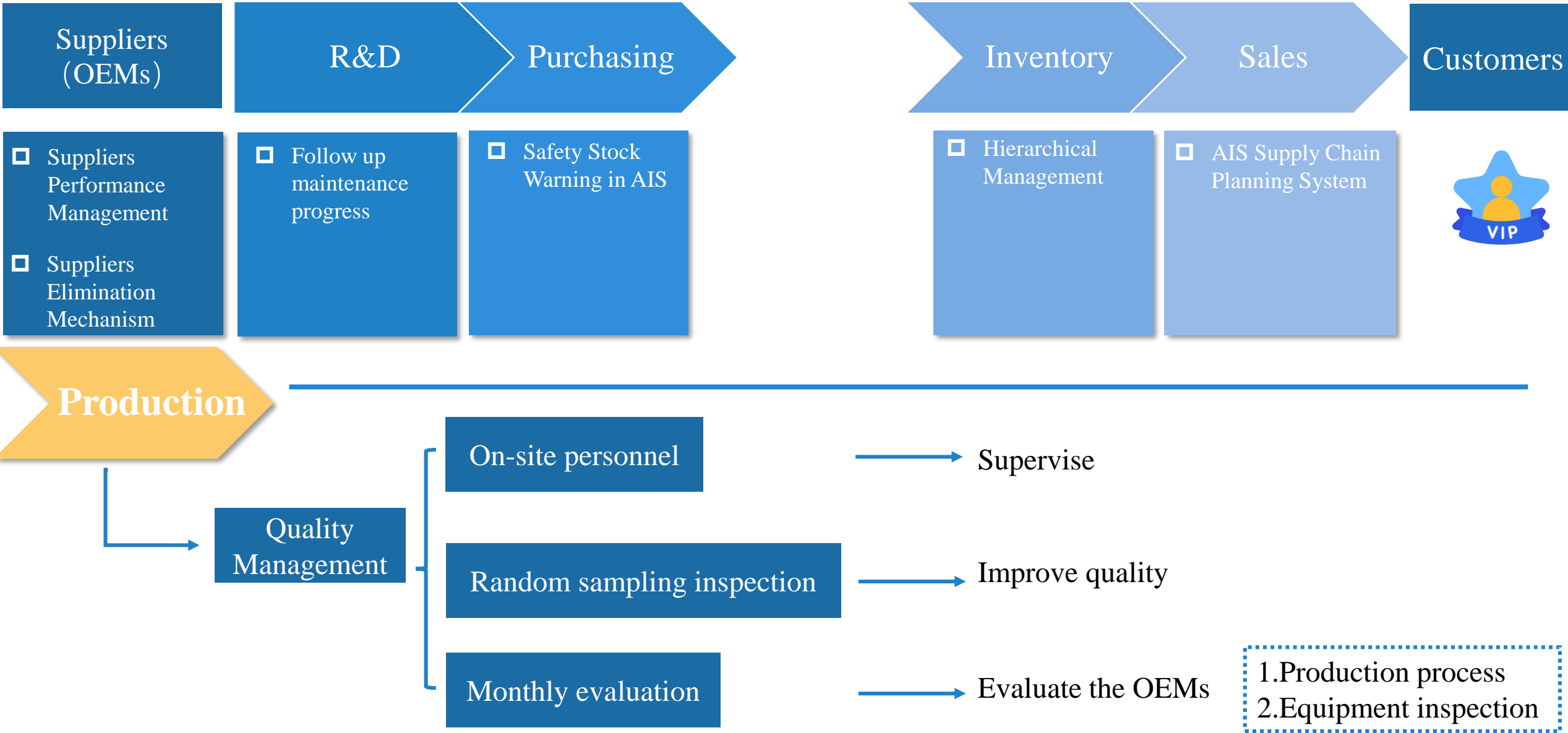
Overall Solutions



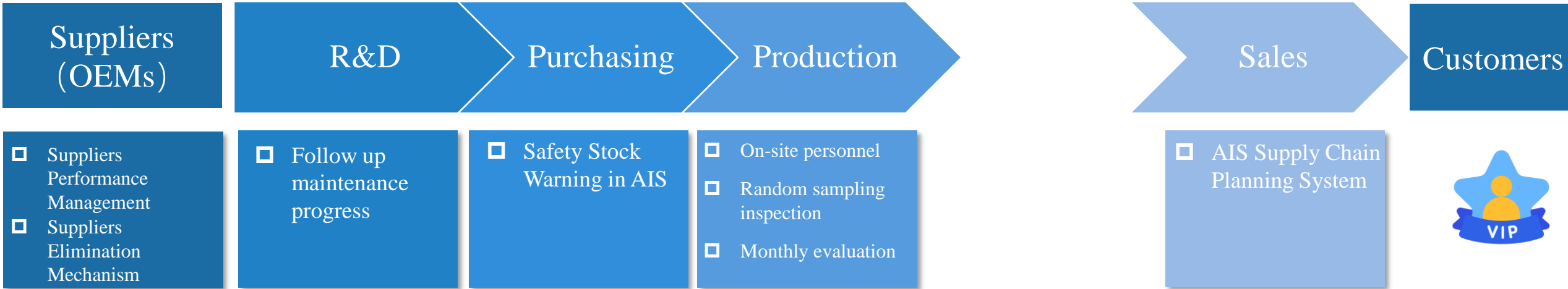
Overall Solutions



Overall Solutions



Overall Solutions



Inventory



Two Classification Basis

$$\frac{\text{Inventory funds}}{\text{Total capital}} * 100\%$$

$$\frac{\text{Monthly sales}}{\text{Total sales}} * 100\%$$

ABC classification

A

- ✓ Frequently changed

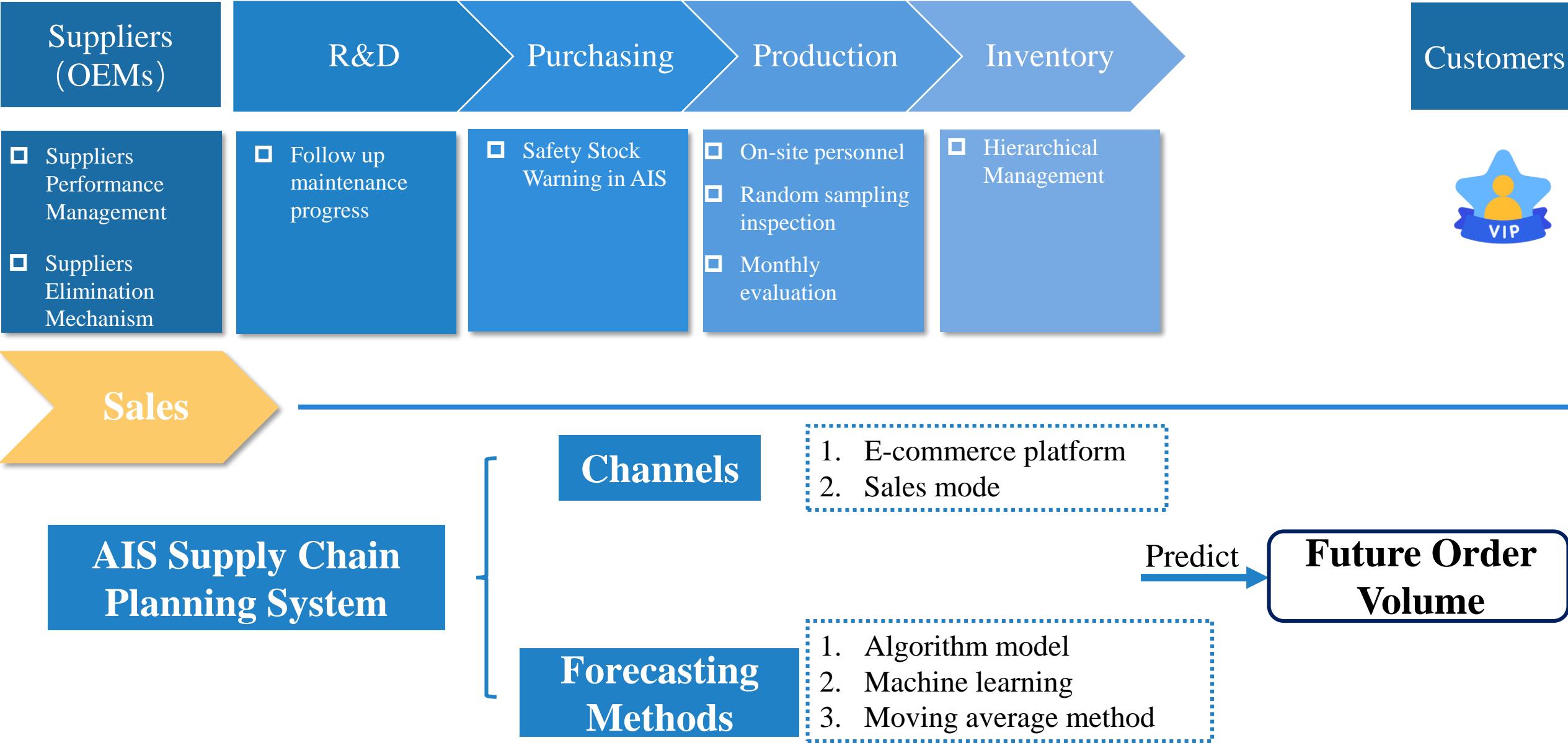
Daily inventory correction
Easy to transport

B C

- ✓ Low turnover rate
- ✓ Large resource occupation

Safety and Integrity
Minimum Outbound Quantity

Overall Solutions



Overall Solutions

Suppliers
(OEMs)

R&D

Purchasing

Production

Inventory

Sales

Customers

SRM

ISCM

CRM

1. Supply Chain Partnership Management

- Step 1: Suppliers Classification
- Step 2: Suppliers Performance Management
- Step 3: Suppliers Elimination Mechanism

2. Accounts Match Facts Evaluation & Incentive Mechanism

- Entry accuracy
- Bonus of warehouse supervisor

3. Stocktaking policies

- Counting method
- Inventory contents
- Processing of inventory results

4. Departmental Collaboration

- Department mutual evaluation system
- Department leader meeting system

5. Standard inbound, outbound policies

Overall Solutions

Suppliers
(OEMs)

R&D

Purchasing

Production

Inventory

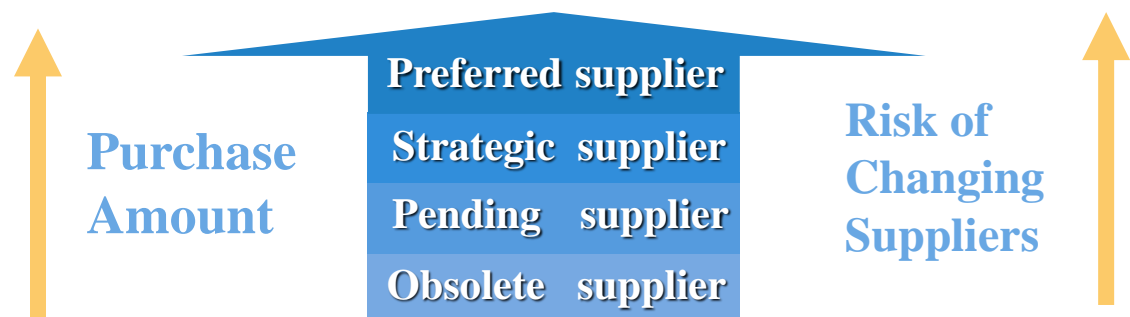
Sales

Customers

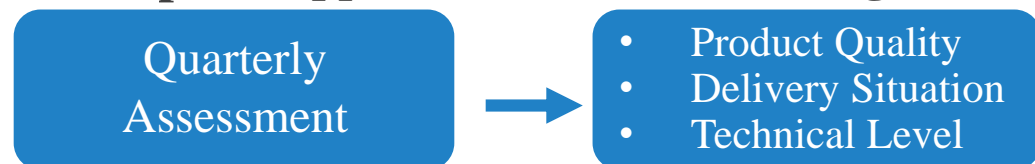
SRM

1. Supply Chain Partnership Management

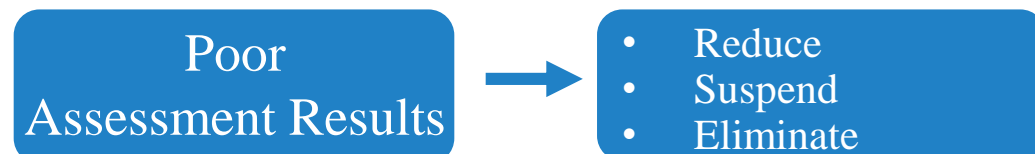
Step 1: Suppliers Classification



Step 2: Suppliers Performance Management



Step 3: Suppliers Elimination Mechanism



2-1. Accounts Match Facts Evaluation

$$\text{Entry accuracy} = \frac{\text{Sum(exact number of entries)}}{\text{Sum (number of all checked objects)}} * 100\%$$

2-2. Incentive Mechanism

Conformity Rate of the Account & the Inventory Integrity

Bonus of Warehouse Supervisor

Overall Solutions

Suppliers
(OEMs)

R&D

Purchasing

Production

Inventory

Sales

Customers

ISCM

3. Stocktaking policies

① Counting method:

Self-owned warehouse
Periodic countingCentralized
& UnifiedEnd of
each monthOEM warehouse
Cycle counting

ABC analysis

Class A
15 daysClass B
45 daysClass C
90 days

② Inventory contents:

Storage Conditions

Quantity

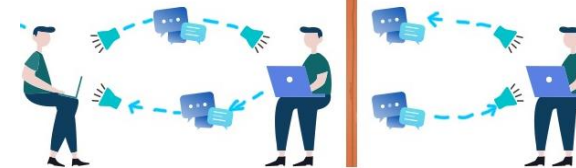
Quality and Safety

4. Departmental Collaboration

Information Technology



Man-Made Barriers

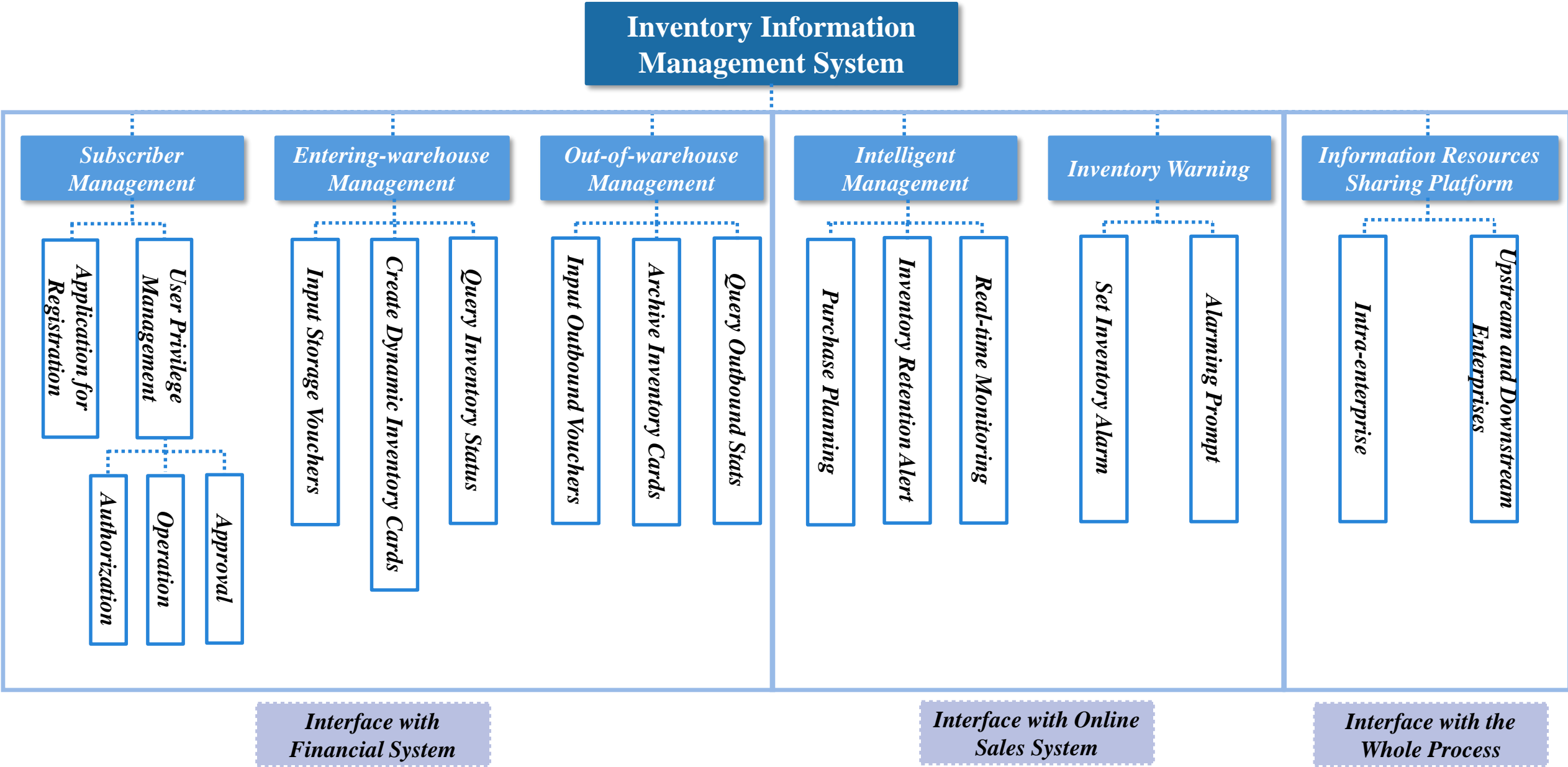
Department
mutual evaluation systemDepartment
leader meeting system

5. Standard inbound, outbound policies

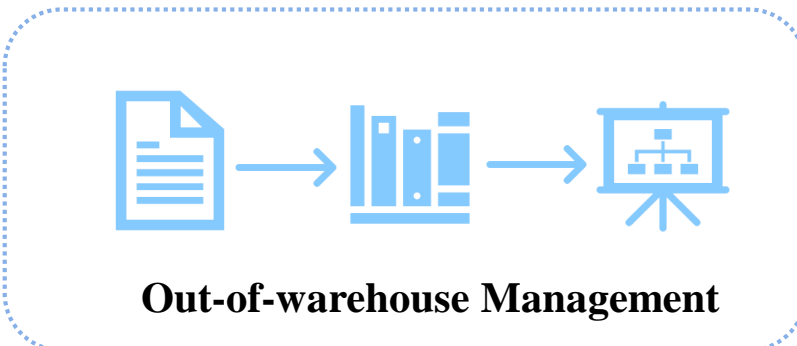
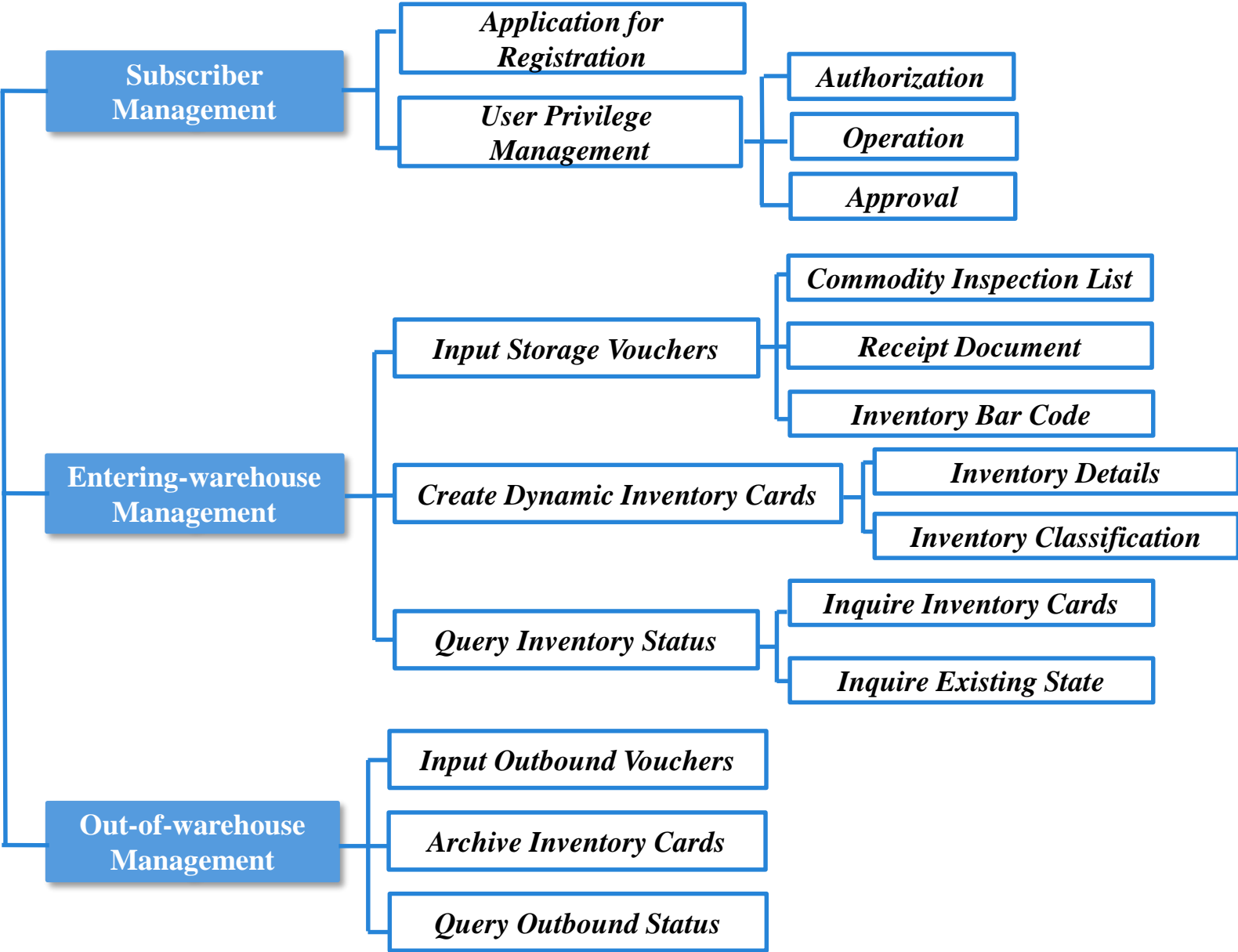
**Inbound:**Check Before
AcceptanceVouchers &
Physical Objects**Outbound:**

- ▶ Outbound Order
- ▶ Product quality inspection
- ▶ Express Company's Waybill

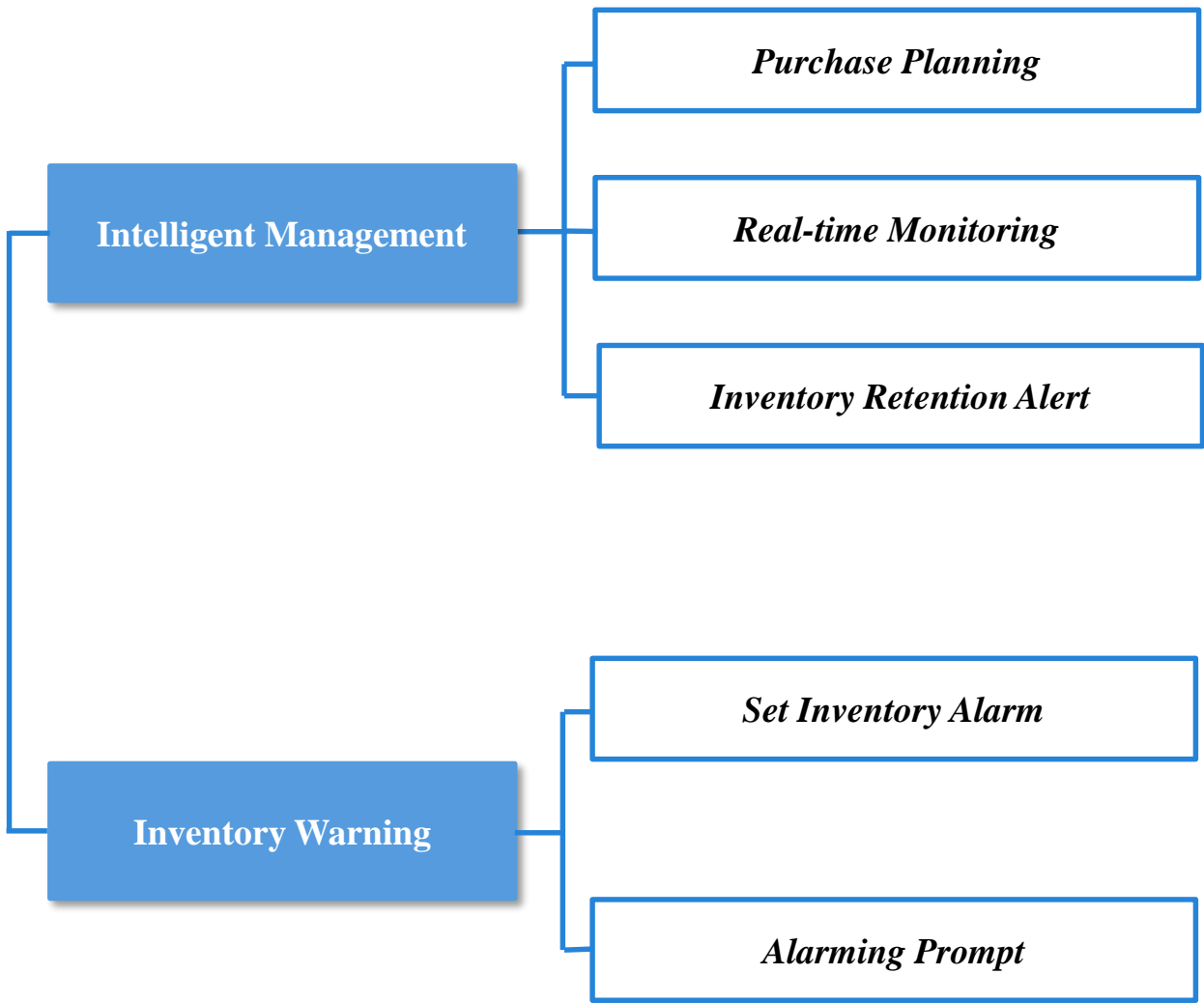
Inventory Information Management System



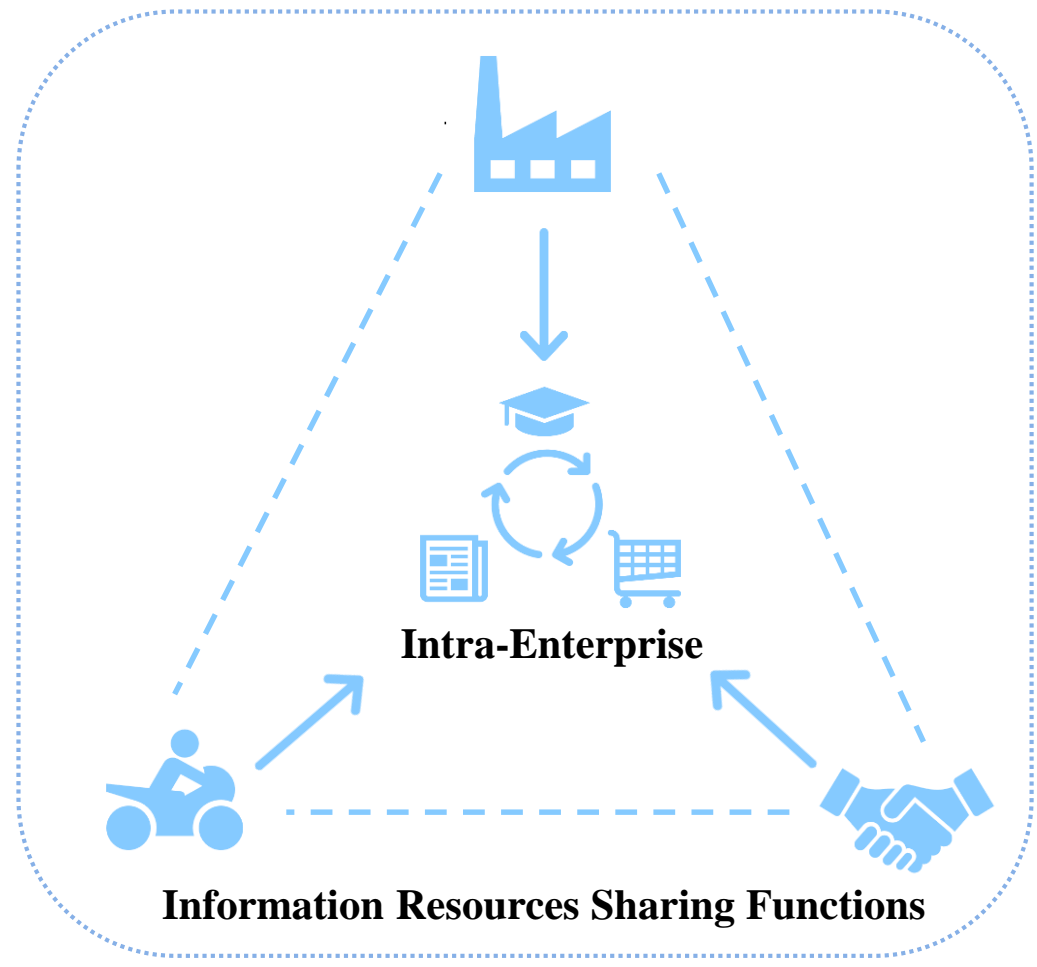
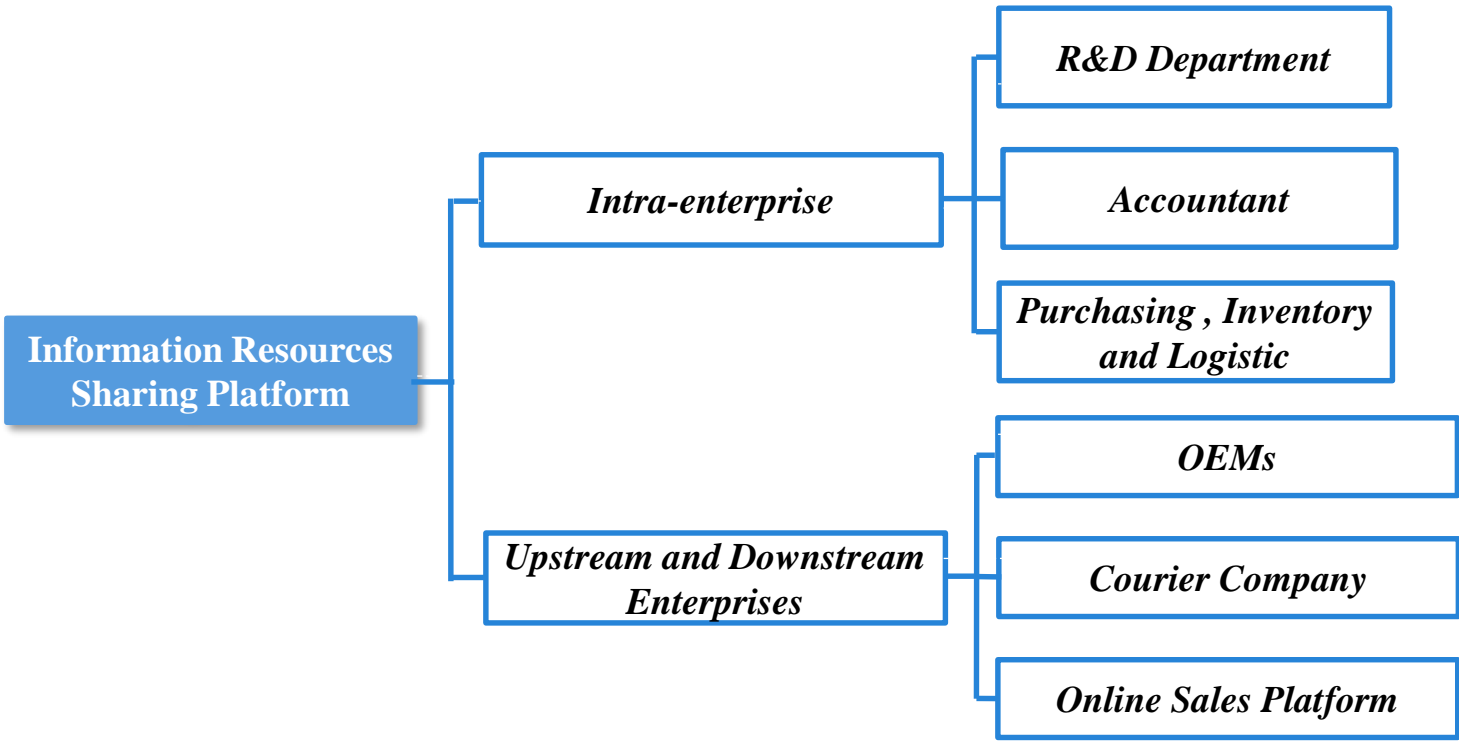
a. Basic Input Functions



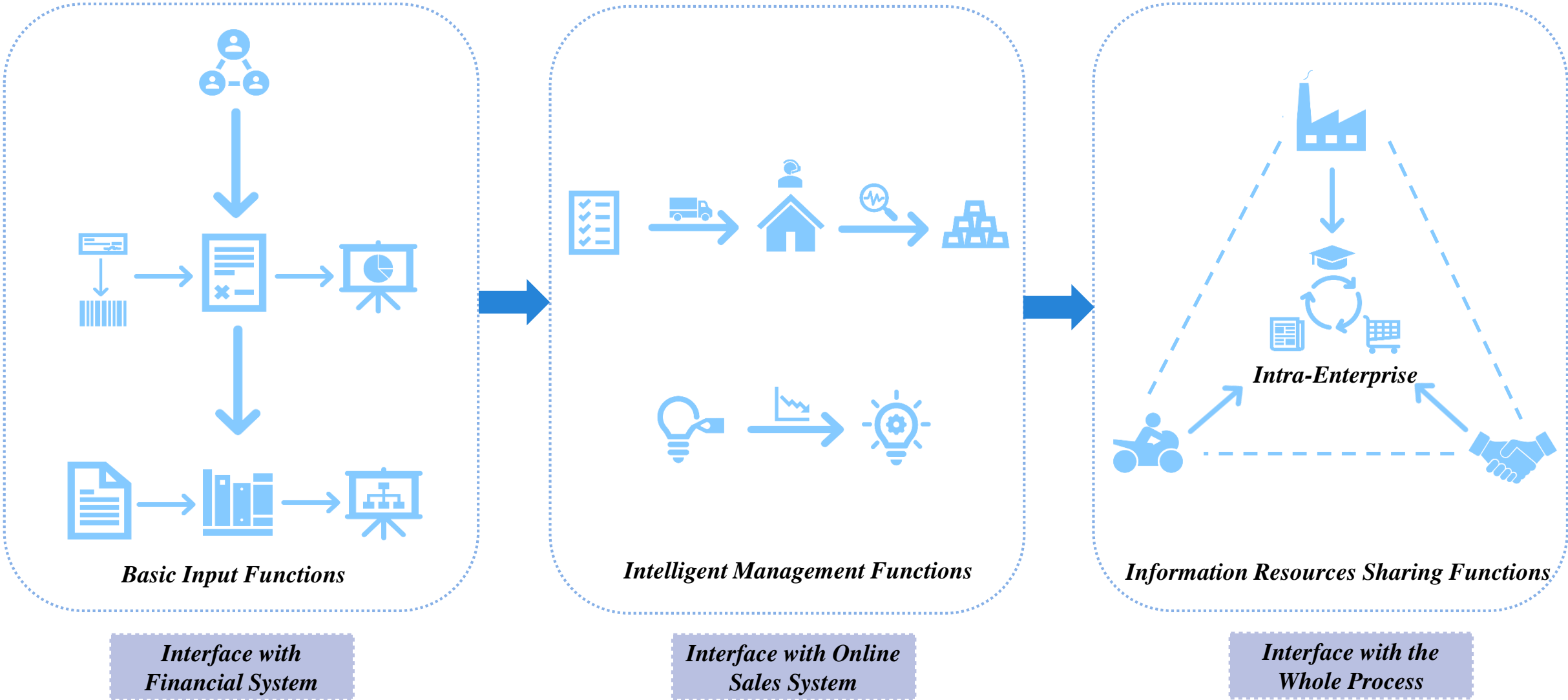
b. Intelligent Management Functions



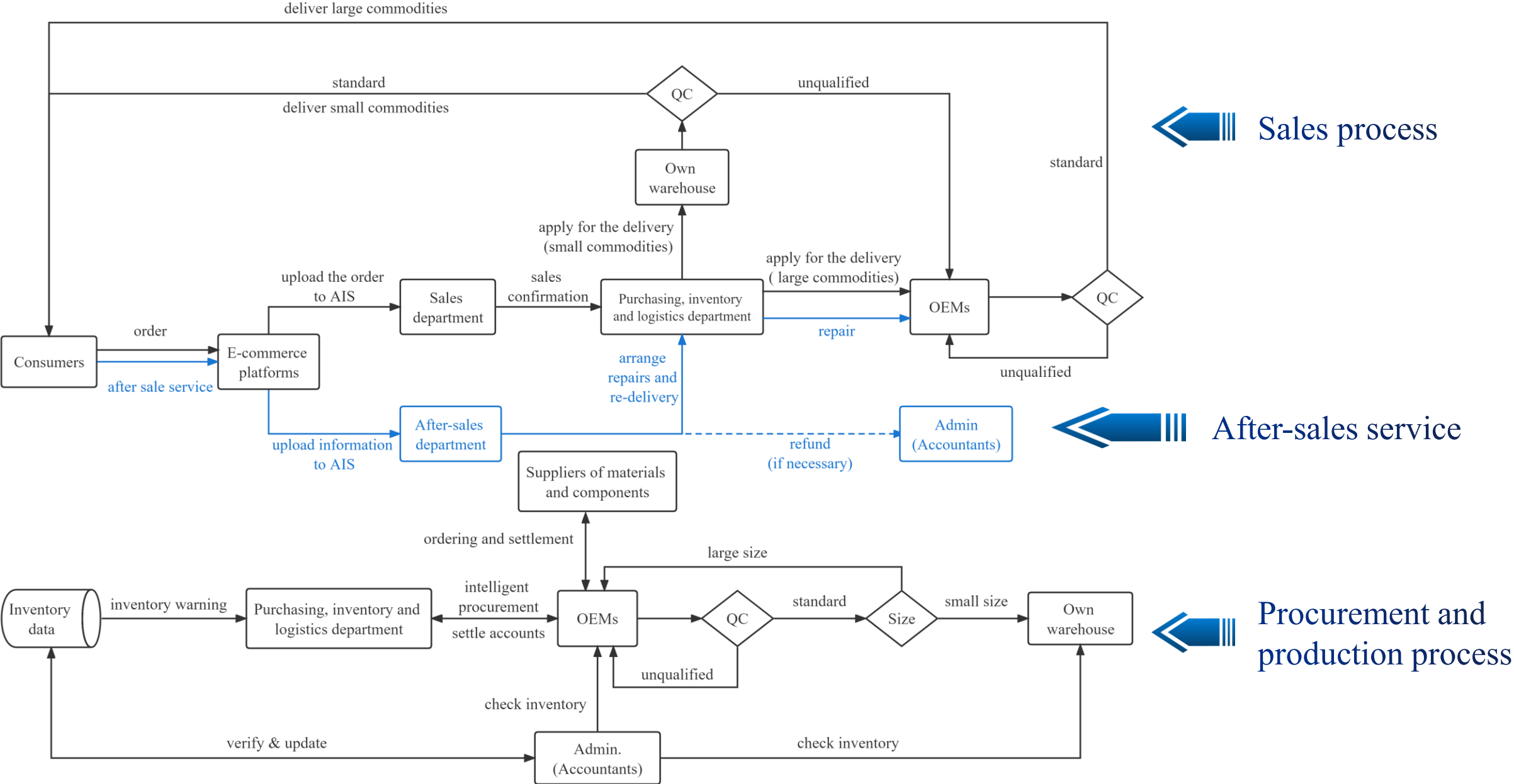
c. Information Resources Sharing Functions



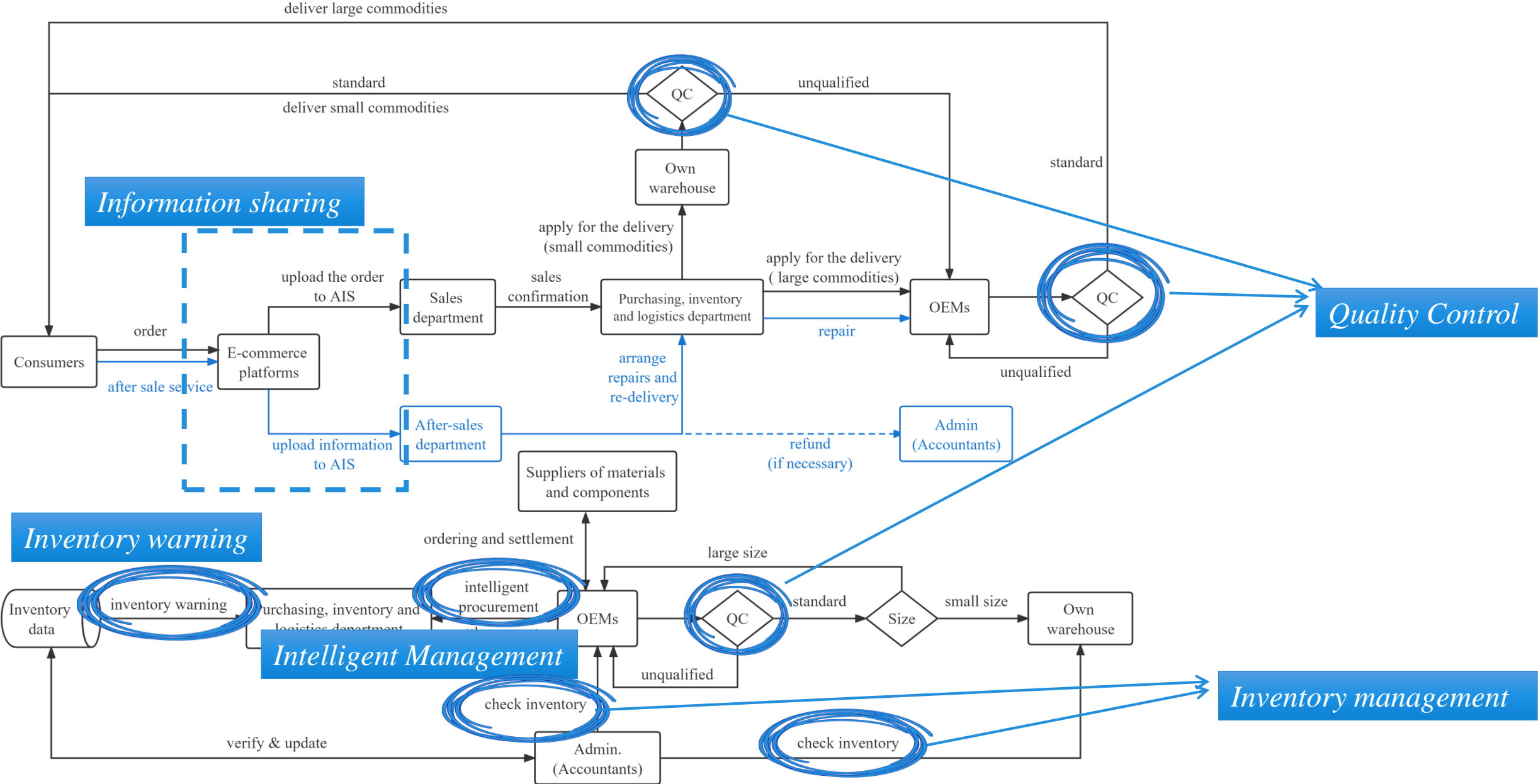
Inventory Information Management System






Key Business Processes



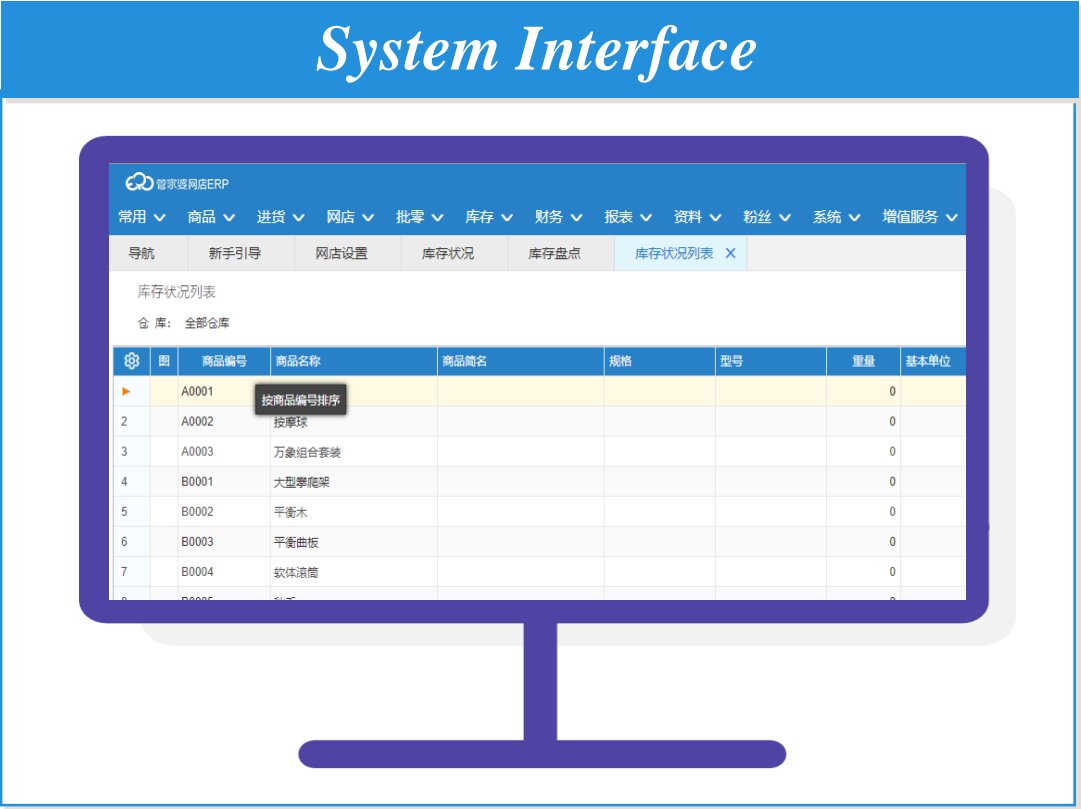
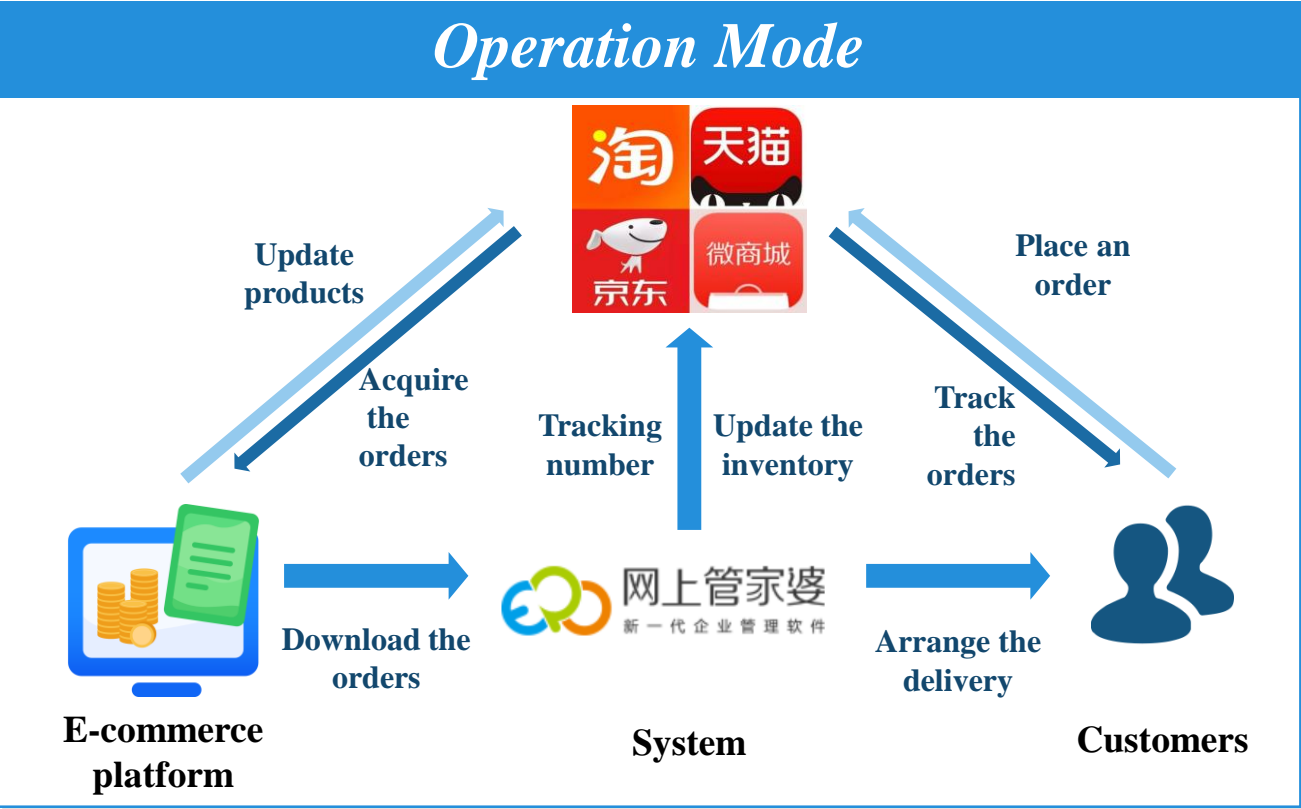
Key Business Processes



3 Main Options

Options	Option 1 +New system	Option 2 Replace the system	Option 3 Upgrade old system
Software			
Inventory management	✓	✓	✓
Quality control	✓	✓	✓
Intelligent procurement	✓	✓	✓
Data synchronization	✓	✓	✓
Supply chain management	✓	✓	✓
Department collaboration	✓	✓	✓
Financial management		✓	✓
Basic price	at least 6,180 yuan/year (3 online stores & 5 users)	18,000 yuan/year/user	16,240 yuan/year/user

Option 1: Good Accountant + New System



Price			
Online stores	Users	Price	Note
3	5 for free (each additional user: +200 yuan/year)	6,180 yuan/year	Available for phone: +580 yuan/year

Option 2: Replace the System

Price	
Module	Price (yuan/year)
General ledger	2,400
Salary management	1,300
Cashier management	1,000
Fixed assets	1,000
Inventory accounting	1,800
Warehouse management	1,700
Purchasing management	1,200
Sales management	1,200
AP/AR	1,700
Production management	2,900
Outsourcing management	1,800
Total	18,000 yuan/year/user (each additional user: +1,000 yuan/year)

System Interface



Six bright spots of KIS Cloud



- ✓ Not limited by region or equipment
- ✓ Purchase by module
- ✓ Professional team of Kingdee
- ✓ Easy for regular subscribers of Kingdee
- ✓ Fast delivery
- ✓ Automatic data backup

Option 3: Upgrade the Old System

Design of Zhi+ (Yongyou)

Upstream and downstream synergy



Integration of finance and business

- ▲ Collaboration of online and offline
- ▲ Comprehensive business, financial and tax management
- ▲ Synchronize online orders of multiple platforms in real time

















Price

Module	Price (yuan/year)
Standard version	5,660
+ E-commerce platform (TB,JD,etc.)	2,980
+ Wechat Mall	4,800
+ Offline store	2,800
Total	16,240 yuan/year/user (each additional user: +600 yuan/year)

System Interface



3 Main Options & 4 Considerations

Options	Option 1 +New system	Option 2 Replace the system	Option 3 Upgrade old system
Software			 
Practicality			
High adaptation			
Convenience			
Cost			

Suggest to upgrade the old system!

Other Suggestions

#1 Try out the new system

Try out the new system to more accurately judge whether it can meet the needs of FS.

#2 Make full use of the resources of e-commerce platforms

Use the data statistics and sales analysis functions of e-commerce platform to assist FS in making business decisions.

待发货

已发货

类型:

全部

虚拟订单

实物订单

预警:

24小时未发货

48小时未发货

☐ 含

支付时间

-

自

收件人姓名

订单号

地址

订单来源

搜索

清除条件

Taobao



Other Suggestions

#1 Try out the new system

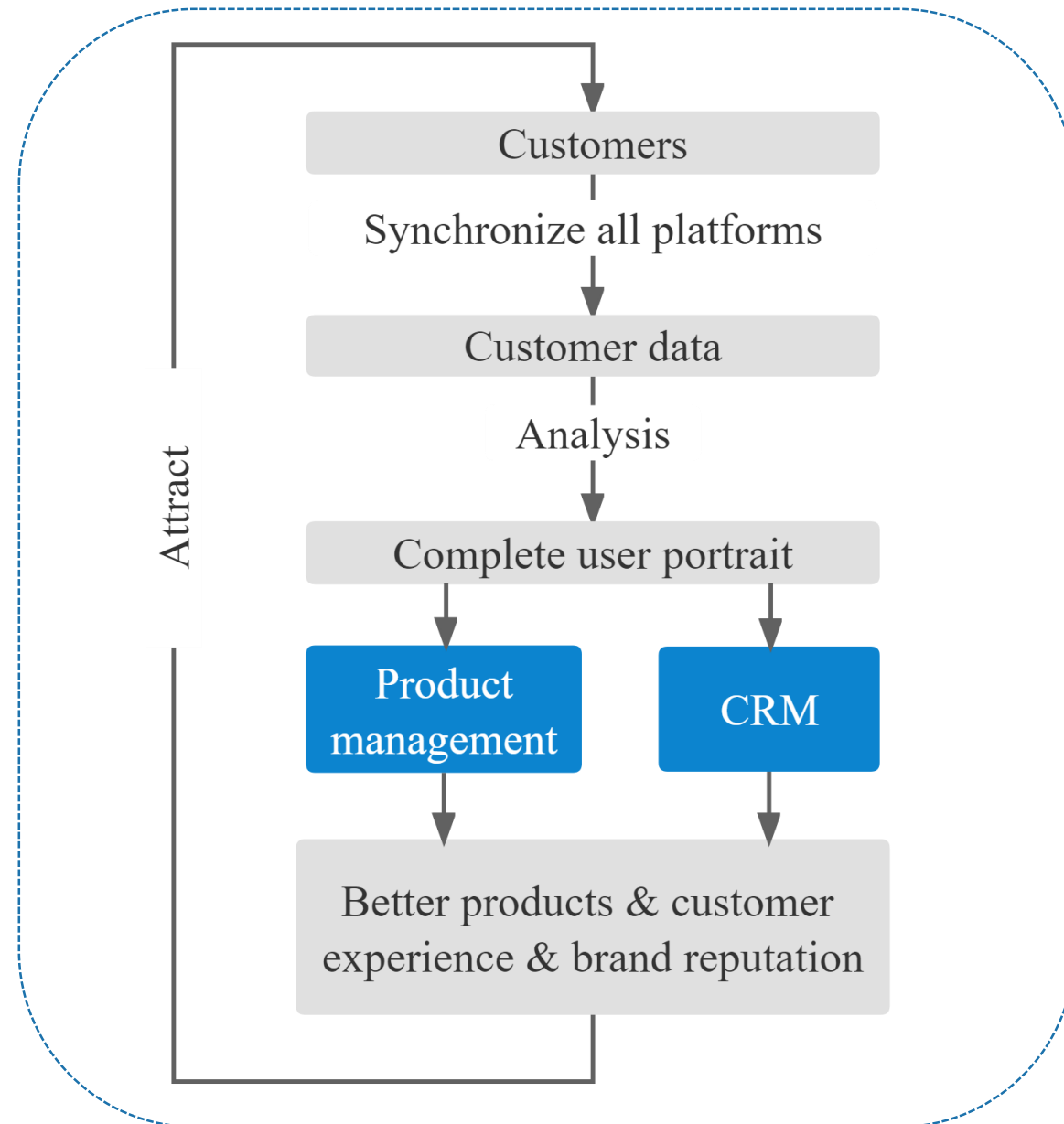
Try out the new system to more accurately judge whether it can meet the needs of FS.

#2 Make full use of the resources of e-commerce platforms

Use the data statistics and sales analysis functions of e-commerce platform to assist FS in making business decisions.

#3 Strengthen customer relationship management (CRM)

By integrating data from all channels, FS can complete user portraits, accurately analyze user needs and optimize customer experience.



Problems in inventory management		Solution	Functional needs for the information system	Recommendations related to the information system
✓ Sales model ✓ Sales management ✓ Purchasing management ✓ Production management ✓ Inventory management ✓ Lack of IS		✓ Sales management ✓ Purchasing management ✓ Production management ✓ Inventory management ✓ 4 Policies	✓ Basic input section ✓ Intelligent management section ✓ Information sharing section	✓ Key business processes ✓ Four considerations ✓ Three main options ✓ Other Suggestions
Endogenous	1.Sales model: outsourcing	1.Sales management: AIS supply chain planning system	1.Basic input section a) Subscriber management b) Inbound management c) Outbound management	1.Key business processes a)Sales b)After-sales c)Procurement and production
Blockage of product flow	2.Sales management: a) Dull sale b) Department communication 3.Purchasing management: a) Setting of safety stock 4.Production management: a) Non uniform documents b) Non standard process 5.Inventory management: a) Overlong time interval for stocktaking b) Frequent inbound & outbound	2. Purchasing management: safety stock warning 3.Production management: a)Accounts match facts evaluation b)Incentive mechanism 4.Inventory management: hierarchical management	2.Intelligent management section a) Intelligent management b) Inventory warning 3.Information sharing section a)Intra-enterprise information sharing b)Upstream and downstream information sharing	2.Four considerations a)Practicality b)High adaptation c)Convenience d)Cost 3.Three main options a)Add a new system b)Replace the old system c)Upgrade the system
Blockage of Information flow	6.Lack of sound regulations: a) Stocktaking regulations b) Standardized process regulations c) Departmental collaboration regulations d) OEM management regulations 7.Lack of IS: a) Information blockage between platforms b) IB between OEM and FS c) IB between accounts and facts	5.Policy 1. Departmental Collaboration department mutual evaluation system and department leader meeting system. 6.Policy 2. Supply Chain Partnership Management: Step 1: Supplier Classification Step 2: Supplier Performance Management Step 3: Supplier Elimination Mechanism 7.Policy 3. Standard Warehousing and delivery process: a)Warehousing : check before acceptance b)Outbound 8.Policy 4. stocktaking policies: a)Counting method b) Inventory contents: c) Processing of inventory results		4.Other Suggestions a)Try out the new system b)Make full use of e-commerce platforms c)Strengthen CRM



Inventory Management Practice of Fun Sports

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XN20211498

Consult experts

享



不是哈，不需要，Wms的，我们ERP也可以实现多平台订单的一个抓取和打单发货哈



我打个比方哈，比如说你有淘宝天猫抖音拼多多这些平台的订单，您只需要在系统里面绑定您这些平台的网店，我们系统里面就会自动去抓取你这些平台的所有的订单



抓取到的系统里面之后，他您就可以在系统里面面对这些平台所有的订单统一的进行一个打单发货，打印物流单的一个操作就可以了



三网店7用户加外接，年费价格是6580 三网店10用户加外接年费价格是7180



好的，我了解了，谢谢你哈



嗯好的



这个是按年付费的价格

您好，我想问这个金蝶云财贸可以和用友好会计配合使用吗

已读

zxllixi

在

zxllixi

不建议这样操作

zxllixi

云财贸已经包含进销存和会计了

zxllixi

好的，请问它跟kis云差别在哪里呢？感觉云财贸功能也挺全的

zxllixi

好会计专业版有进销台账能否满足

zxllixi

还有用友智+

zxllixi

用友智+试用注册 点击链接<https://z.chanjet.com/?a=dzjsxwrj&c=dzxw01> 注册后登录即可免费试用一个月

Try out various systems

新老客分布

性别分布

年龄分布

用户等级分布

1234028780514462

我要体验一下

我要认证

日功能更新 更多功能

首页

销售退货

单据日期: 2022-04-14

单据编号: SA-20220414-001

视频 | 帮助

客户

仓库

客户地址

票据类型: 不开票

序号	条码	商品	规格型号	销售单位	数量
1					
2					
3					
小计					0.00

金额合计: 0.00 现金折扣: 成交金额: 0.00

☐ 一键收款 ☐ 结算方式 ☐ 结算方式 ☐ 收款账号 ☐ 账号 ☐ 金额 ☐ 添加

本单上欠(保留两位) 0.00 本单欠款 0.00 此单应收 0.00 打印次数 0次 商品种类: 0 种

网上管家婆

恭喜您注册成功

已有654613名用户和您一样选择了我们!

尊贵的用户:

您好!

欢迎使用“简单、好用、不贵”的管家婆网店ERP软件。以下是您的注册及登录账号信息，请妥善保管并及时修改密码:

产品名称: 管家婆网店ERP

登录公司名: 有限公司

登录用户名: 李通

登录初始密码: aa6wr46f

您的专属1对1顾问

工资

经营管理

基础信息

系统管理

企业协同

新手引导

云应用

上游供应商

下游客户

协同信息

引导说明

邀请下游客户

档案下发工作台

销售协同机器人

引导说明

邀请上游供应商

档案接收工作台

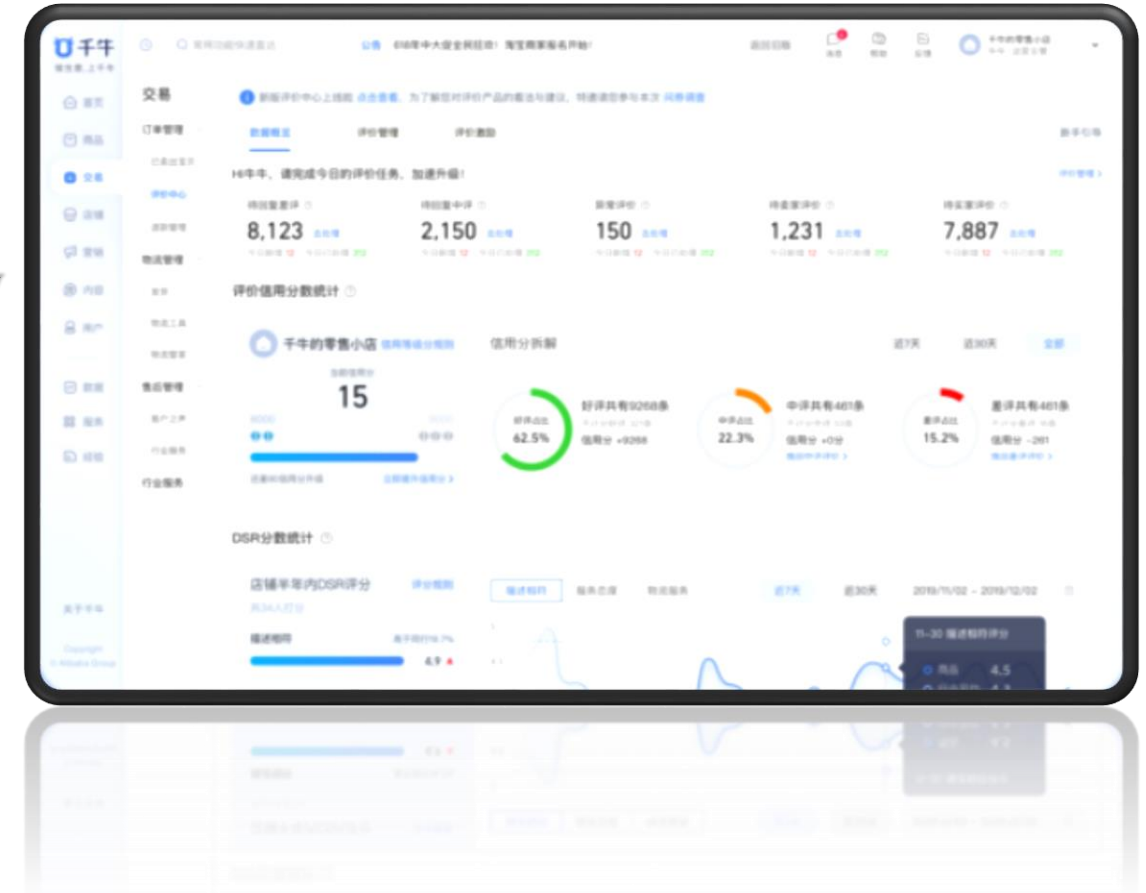
采购协同机器人

单据协同日志

1. Real-time warehouse monitoring

Tmall – Qian Niu

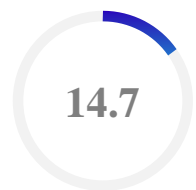
- Logistics delivery management
- Real-time display of storage inventory
- Inventory Parameter Setting



1. Real-time warehouse monitoring

JD – Jing Hui

- Inventory Snapshot Monitoring
- Real-time inventory monitoring
- Sales outbound monitoring
- Purchase warehouse monitoring



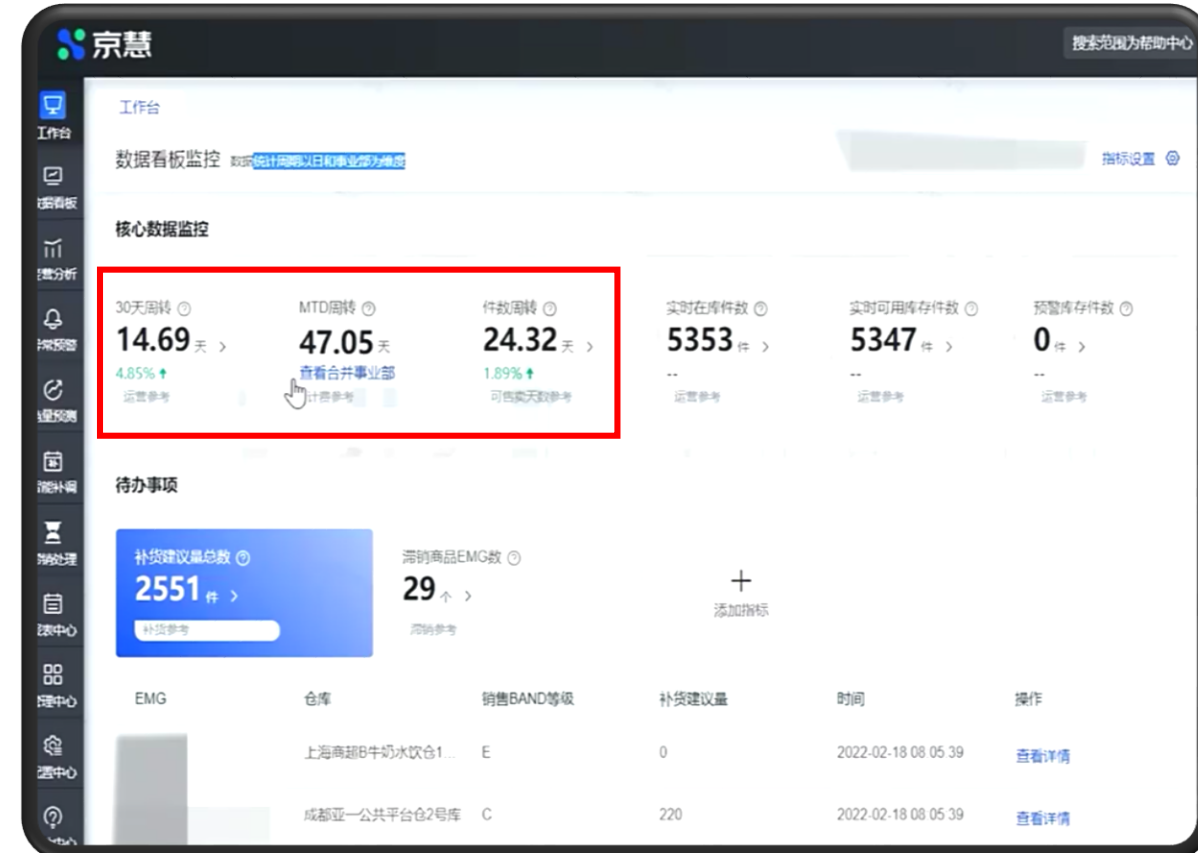
Number of pieces
turnover



MTD turnover



30 days turnover



1. Real-time warehouse monitoring

JD – Jing Hui

14.7

Number of pieces turnover

Replenishment reference

47.1

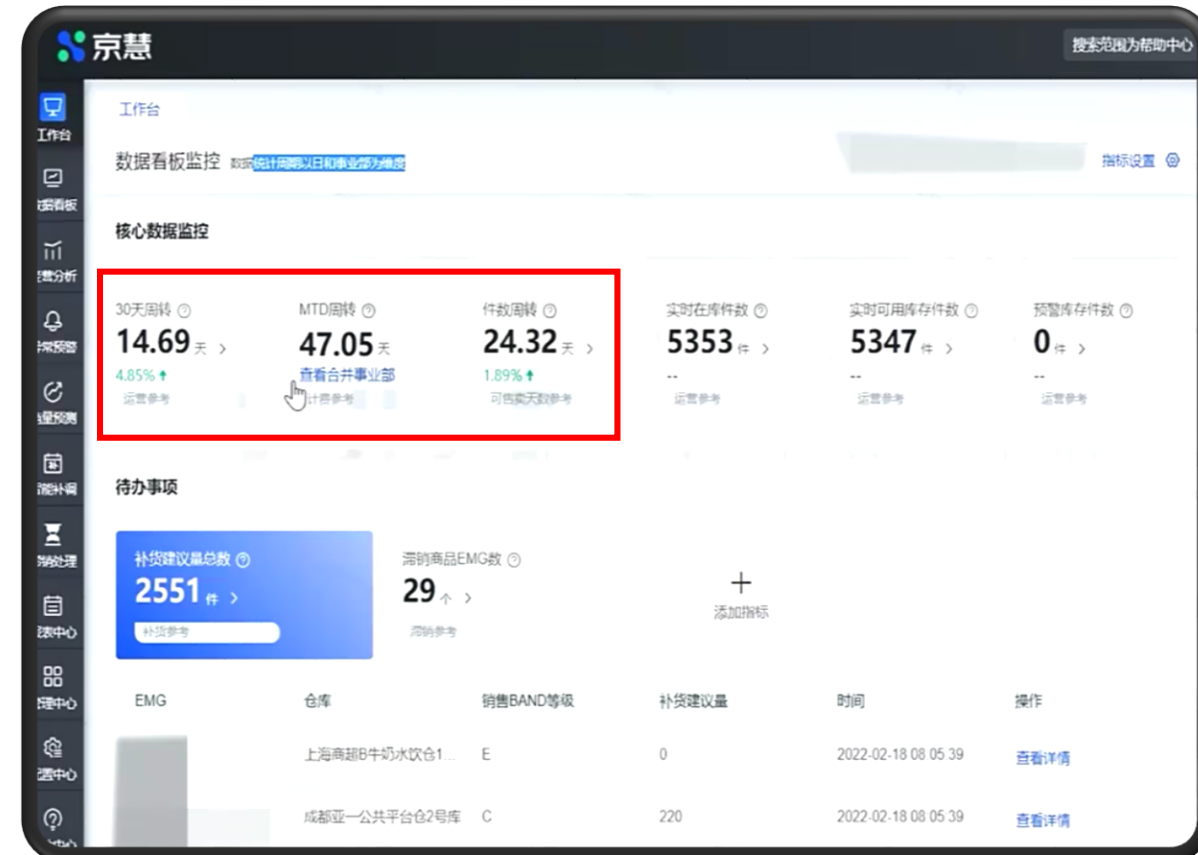
MTD turnover

Accounting basis of logistics storage fee

24.3

30 days turnover

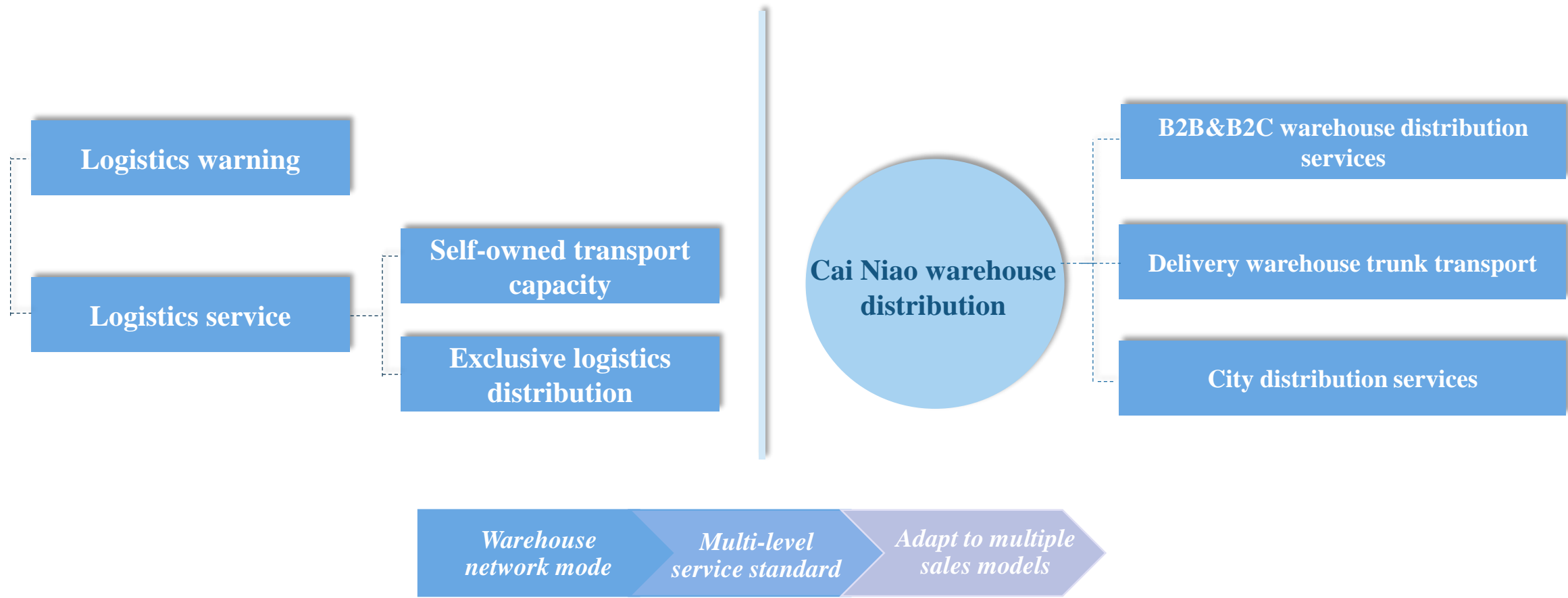
Daily operation level monitoring



2. Logistics service

Tmall – Qian Niu

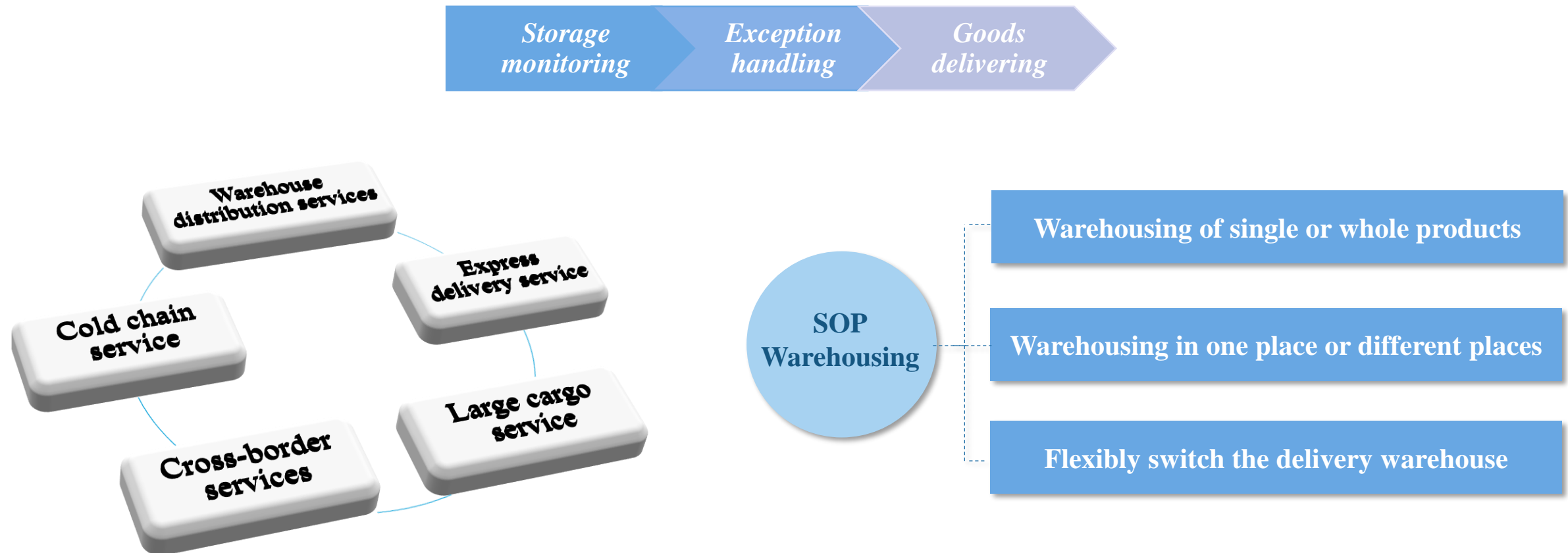
Multi-level warehouse network service



2. Logistics service

JD – Jing Hui

Integrated logistics solutions



3. Data analysis

Tmall – Qian Niu

- Comprehensive thematic analysis
- Joint analysis
- Conduce to calculate break-even point accurately



Abnormal return rate warning

Commercial cockpit information

Commodity tracking

Thematic Analysis

3. Data analysis

JD – Jing Hui



Inventory turnover analysis and forecast



Diagnose the best - selling and poor - selling products



Specific inventory optimization suggestions

Turnover rate diagnosis

Currently only for small and medium sized goods



JD.COM