

中国一汽

第一汽车 第一品牌

精秩物流 AUTO Logistics

单位：一汽-大众汽车有限公司

2020年12月

一

背景及目标

二

技术方案

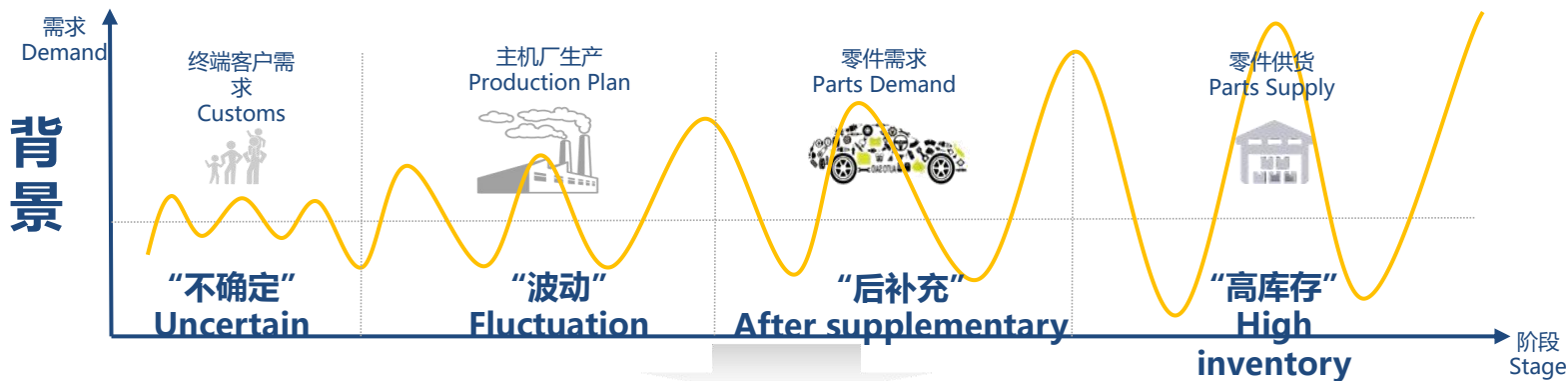
三

创新点

四

效果及横展

精秩物流理念诞生 Original of AUTO Logistics

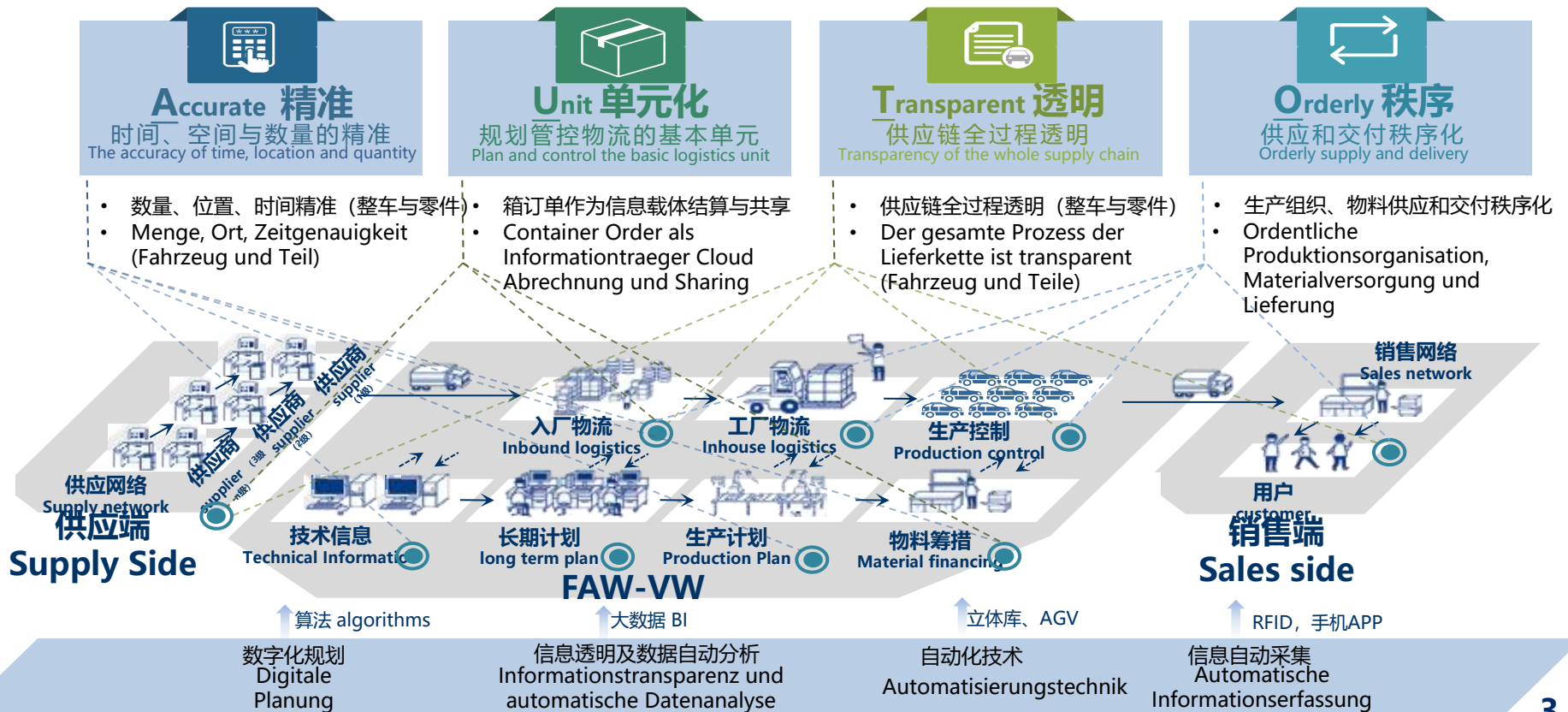


目标

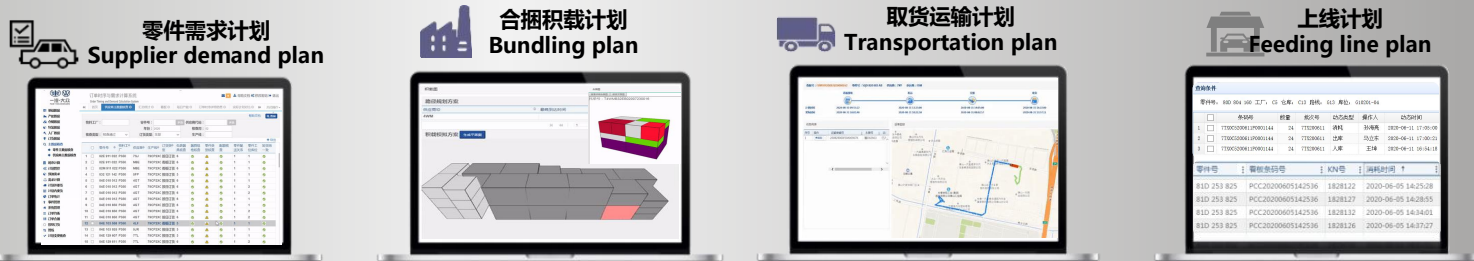


精准的指导、秩序的执行 → 打造稳健、精益、可持续发展的供应链体系
Accurate guidance and orderly implementation → Create Robust, Lean, Sustainable Supply Chain

基于精秩物流理念构建全新的数字化供应链



全链精准计划 Accurate



供应商备货
prepare



运输
Transport



交接
Handover



上线
Feeding line

全链秩序执行 Orderly

FAW-VW

计划平顺性提升至
Stable production
(TST)
85%→100%

↑ 零件库存深度降低 ↓
Inventory depth
decline
4.11天→3.09天

承运商Transporter

承运商运输资源利用率
提升Truck utilization
increased
20.5%

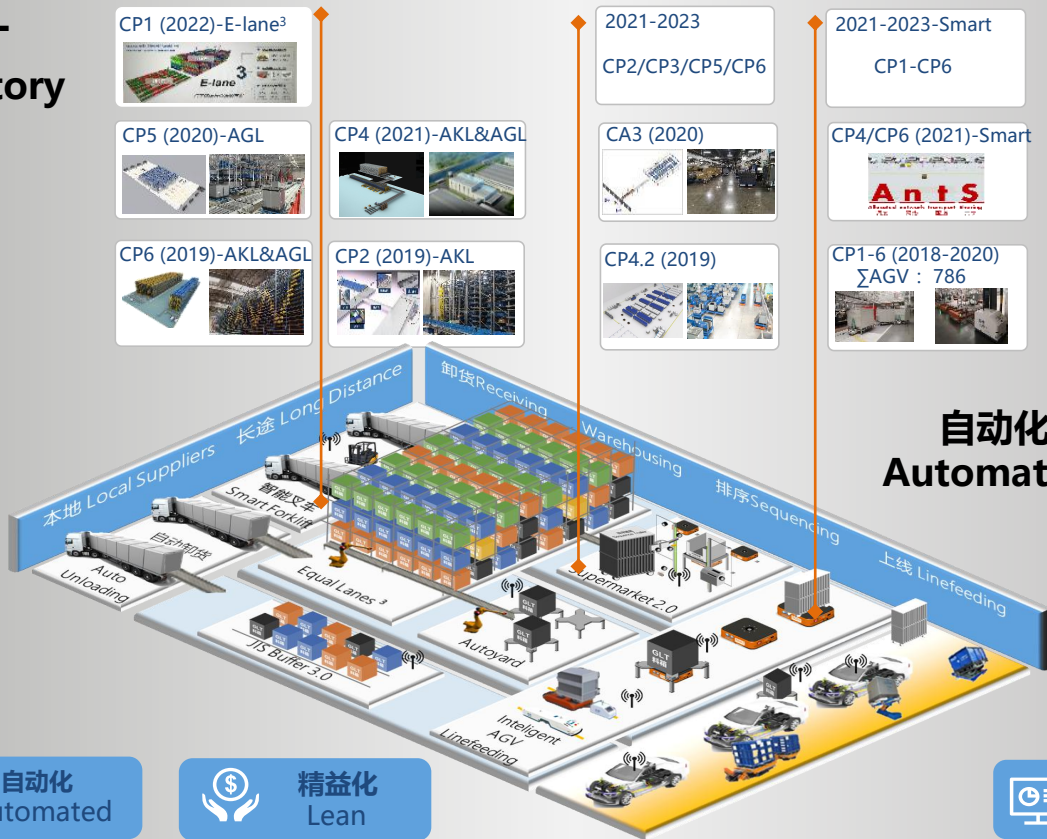
↑ 订单交付及时率
提升On-time
delivery
82.3%→94.6%

供应商Supplier

供应商排产效率及供货
稳定性提升Supplier
efficiency & stability
20%

↑ 供应商库存资金占用
减少supplier's
inventory decline
30%

未来工厂 future factory



Automation Rate

2023 50%

2020 16%

2019 10%

2018 3%

自动化 Automation

Opt. By 2020:

Personnel
-540/day

Cost
-54 mio./year



自动化
Automated



精益化
Lean



数字化
Digital



智能化
Intelligent

打造稳健、精益、可持续发展的供应链生态圈

Build a stable, lean and sustainable supply chain ecosystem

——以价值和客户导向驱动供应链升级，打造智慧供应链，实现价值链优化配置与生态发展。

Value and customer orientation, build smart supply chain, and realize the optimal allocation of value chain and ecological development.

“透明” + “协同” + “交互”

“Transparent” + “Collaborative” + “Interactive”



经济性收益benefits

- 全链透明
- 全链按计划供货与执行
- The whole supply chain transparent
- Supply and execution of the whole chain according to accurate plan
- 一单到底
- 流程精简
- One label across to the whole supply chain
- Lean process

降低供应链冗余库存: 12 亿 RMB
 Reduce redundant inventory in supply chain: 1.2 billion RMB
 降低物流成本: 3.86亿RMB/年
 Reduce logistics cost: 386million RMB/year