



COSMOPlat cloud platform



COSMOPlat is the first industrial Internet platform with Chinese independent intellectual property rights in the world, and also is to introduce users' whole process participation experience





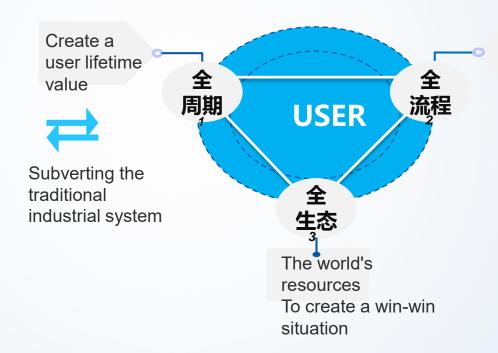
COSMOPlat cloud platform



Three major features of the COSMOPlat platform



Mass customization model



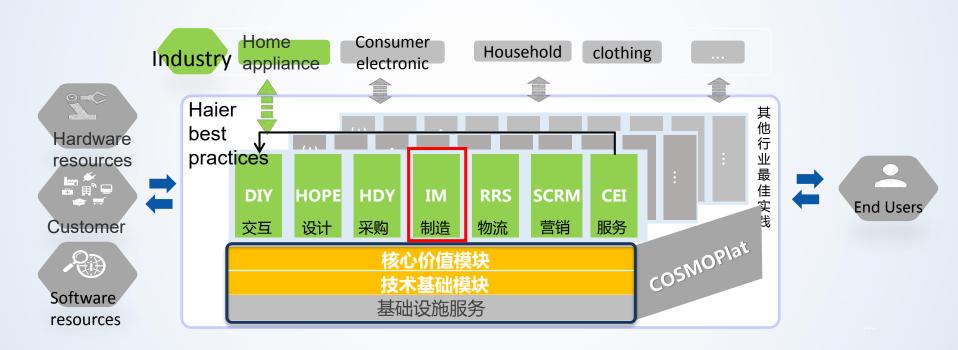
Seven node Zero distance establish connectivity



COSMOPlat cloud platform



COSMOPlat platform - enabling global enterprise transformation and upgrading





Interconnected Factory



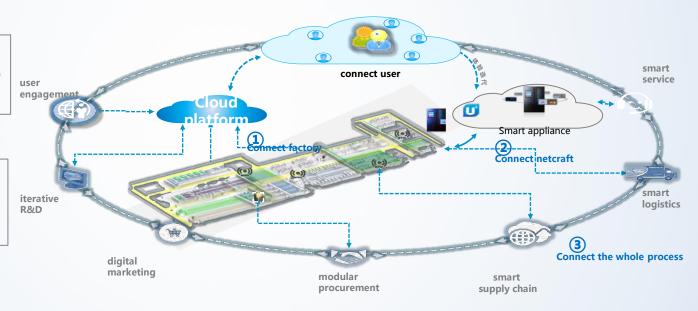
• 3 external interconnections

- Factory interact User
- Factory interact Smart appliance
- Factory interact Resources



• 3 internal interconnections

- machine interact machine
- machine interact material
- human interact machine





Interconnected Factory Practice



User experience: seamless, transparent, visual



achievement

Direct delivery rate

高

精 度

71%



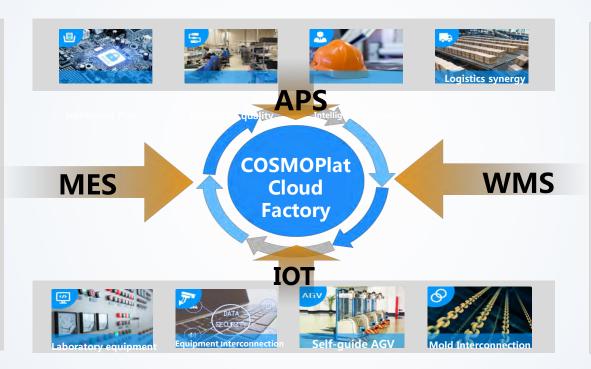
高效率

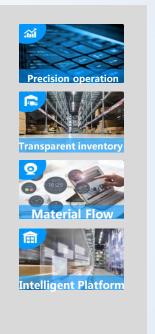
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/ Intelligent Manufacturing IT Solution









Technology Innovation





Leading IT Technology



Cloud+**Edge**Deployment



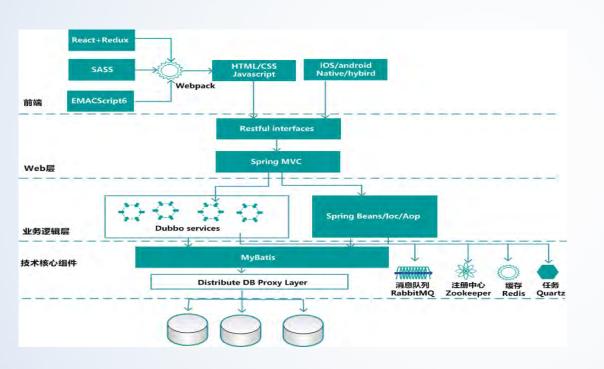
Modular Configuration



IOT

Microservices Architecture



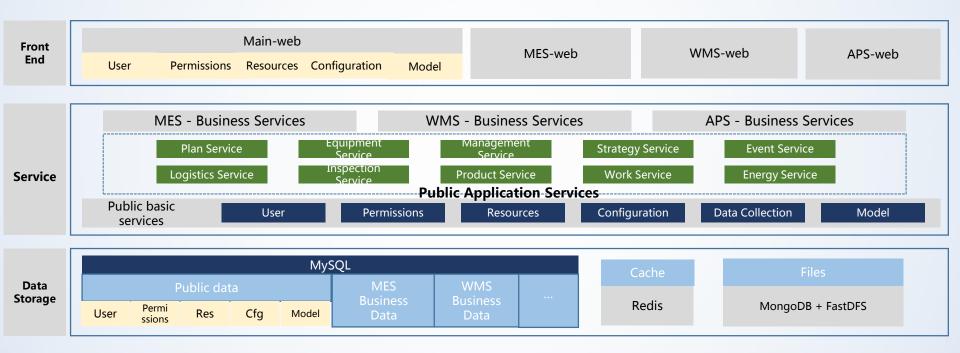


- ✓ Front end development
 React+Redux
 webpack
 EMACScript6
 SASS
- ◆ Back end development :
 - ✓ Spring Boot
 - ✓ Spring MVC
 - ✓ Spring framework (IoC , AOP)
 - ✓ Dubbo
 - ✓ MyBatis
- ◆ 技术组件(推荐):
 - ✓ Redis
 - ✓ RabbitMQ
 - Zookeeper
 - ✓ MongoDB



One Architecture One Platform



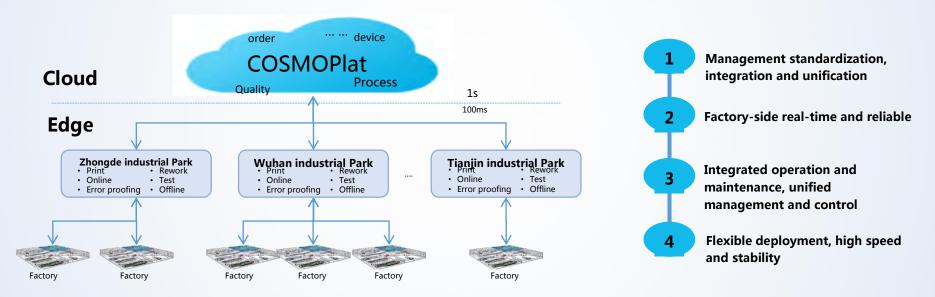




// Cloud+Edge



Cloud+Edge mode not only meet the factory's real-time data requirements, but also to achieve unified management of the group

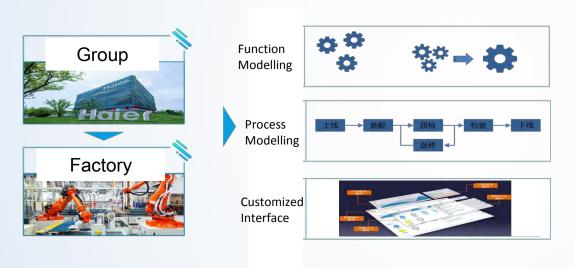




Digital Modelling



> System more flexible, reduce project cycle, and reduce development and implementation costs.



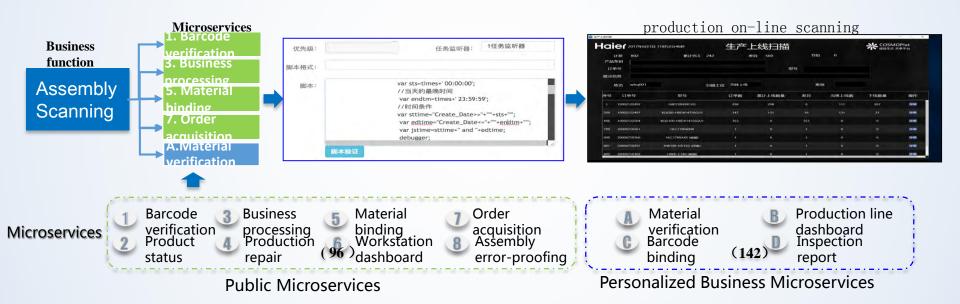




Function Modelling



> Combination of public microservices and personalized microservices can produce more than 300 business functions



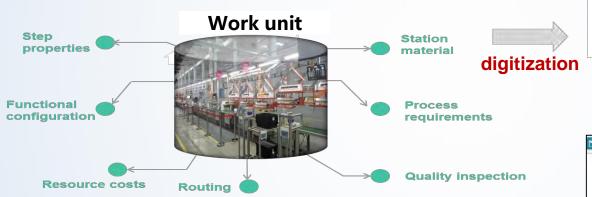


Process Modelling



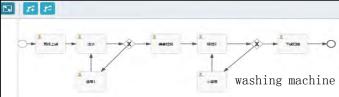
- > Through digital management, binding the work unit with quality, technology and other production factors
- > Through the process engine, organize the work unit to meet the business requirements of

the production line











Customized Interface



- > UI and the backstage function is loose coupling
- Easy to config the interface



Loosely coupled design of operation interface and backstage function



Management Interface



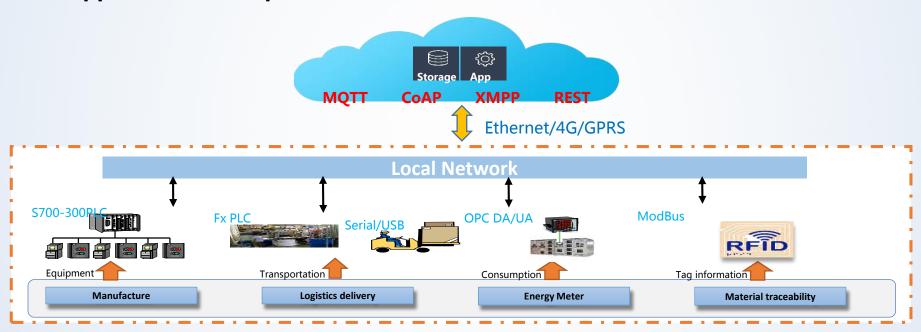
Statistics Interface



Equipment Connected



- Support 97 equipment protocols
- Support 6 network protocols



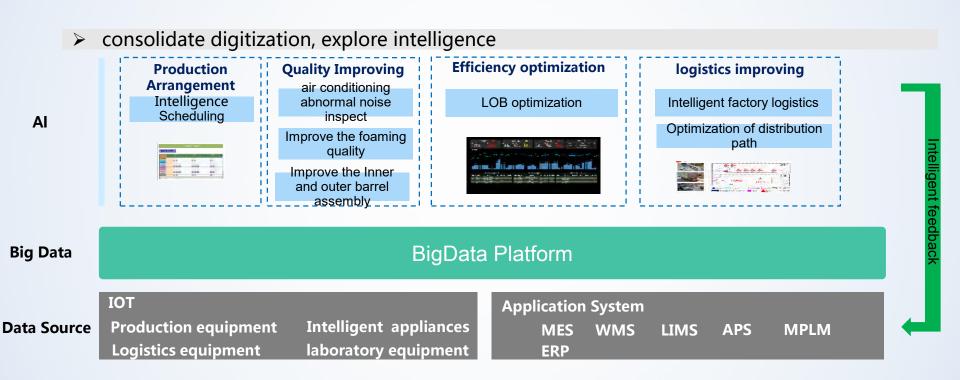


Business Innovations





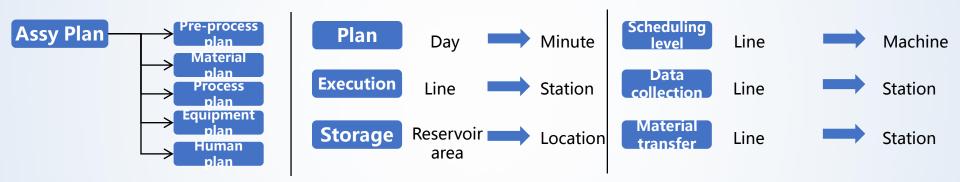




Lean Manufacturing



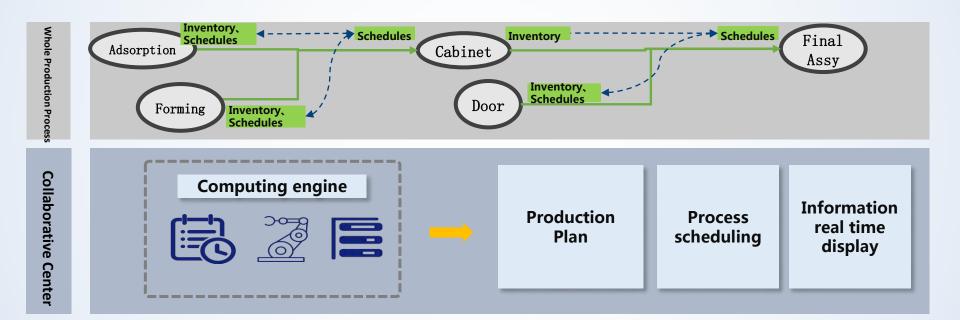
From coarse to fine





Collaborative Production

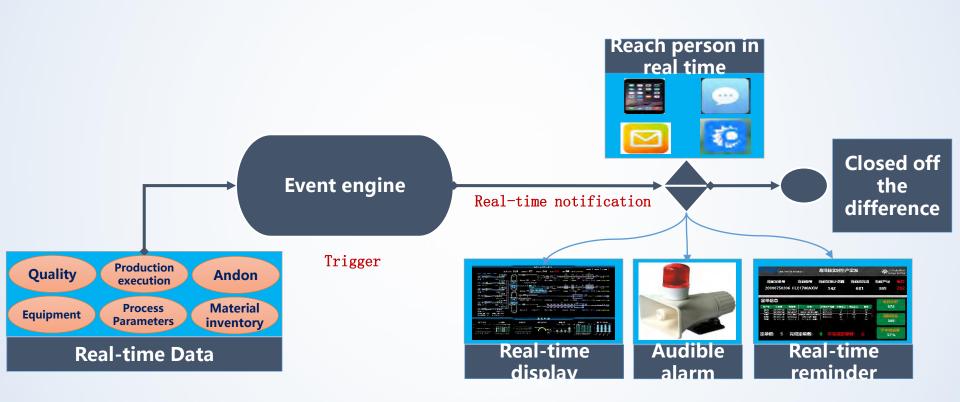






Event Driven

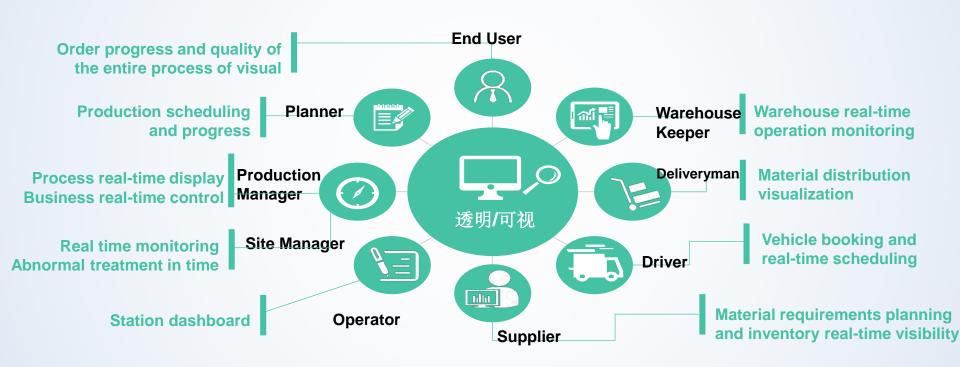






Transparent Visualization







Visualization Implementation



Big screen





. . .

Station dashboard



Mobile APP



iHaier



SMS/e-mail











Haier: the only Chinese company selected

Companies nominated

1000+ **Companies participated**



融合・协作・共赢

共同把握工业互联网的历史机遇

