

让中国装备技术与世界同步
WE WALK ALONGSIDE THE WORLD

股票代码:300415

Designed by Yizumi in June 2021

YIZUMI伊之密

YiMES

智造执行系统
Manufactory Execution System

App下载



PC端体验-网址: <https://iiot.yizumi.com>

广东伊之密精密机械股份有限公司
Guangdong Yizumi Precision Injection Molding and Die Casting Technology Co., Ltd.

地址:广东省佛山市顺德高新区(容桂)科苑三路22号
TEL:86-757-2926 5301 FAX:86-757-2926 5300 www.yizumi.com

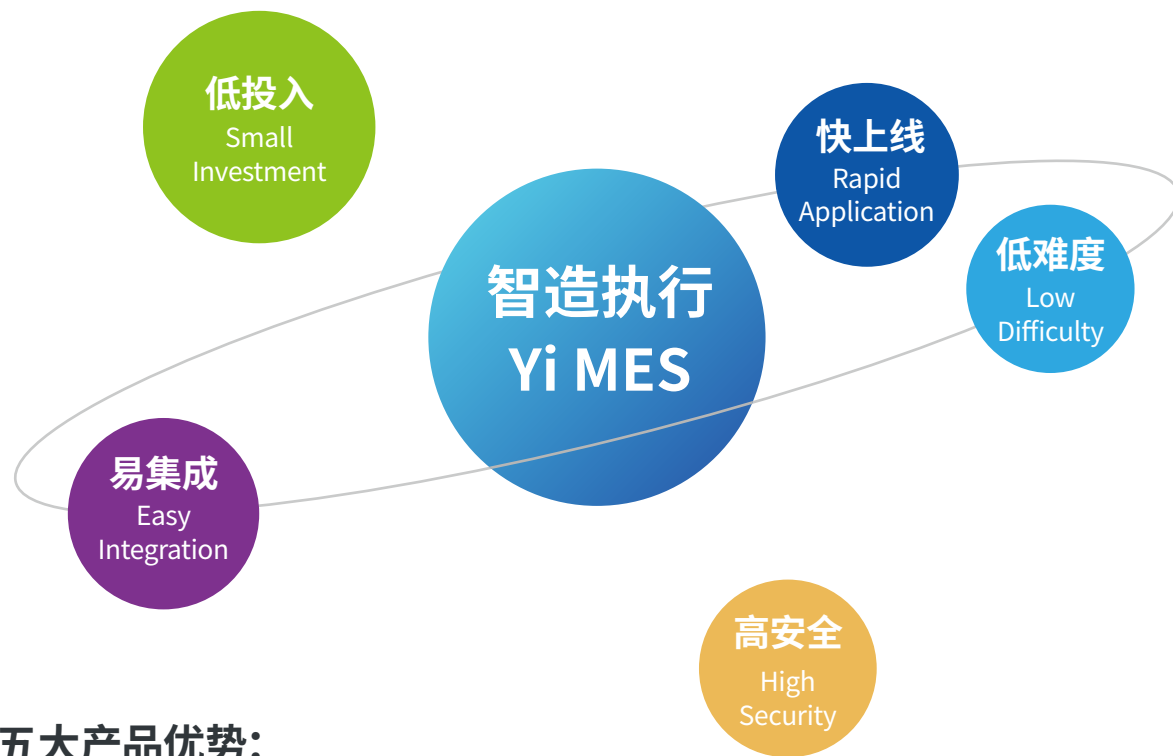


Yi MES 智造执行系统

Yi MES Manufactory Execution System

Yi MES (Yi Manufactory Execution System) 是基于Yi+平台 (伊之密智能装备工业互联网平台) 而开发的智能制造执行系统, 结合物联网、云计算、边缘计算、大数据、AI等新一代ICT技术, 提供最具性价比的专业化金属压铸成型智能制造解决方案。

Yi MES (manufacturing execution system) is an intelligent system developed based on the Yi+ platform (Yizumi Intelligent Equipment Industry Internet Platform). Combining with IOT, Cloud, Edge Computing, Gig Data, AI, and other new generation ICT technologies, it provides the most cost-effective professional metal casting intelligent manufacturing solutions.



五大产品优势:

Advantages:

- 无需专职IT人员投入, 无需网络建设, 无需机房建设。
- 系统开放标准接口, 与主流ERP系统对接。设备端支持主流品牌设备接入。
- 系统操作便捷, 简单易学, 快速上手。
- 3周快速上线, 让企业快速实现智能数字化生产。
- 金融级芯片数据加密, 网安二级等保认证, 保证客户数据安全。
- The investment for IT professionals, network construction, IT room construction is not needed.
- The system is available for standard interface, and could be connected with most ERP system. It supports mainstream equipment access as well.
- Convenient operation, easy learning, user-friendly.
- It could be put into use in three weeks, helping enterprises realize intelligent digitalization manufacture quickly.
- Data encryption with finance -level chip and certification of Network Security Level Protection 2.0 ensure customer data security.

客户价值: 提质、降本、增效

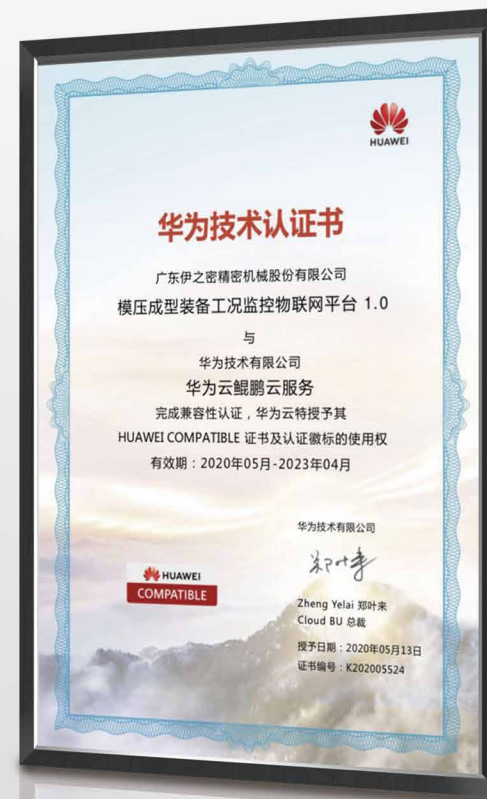
Customer Values: Quality improvement, Cost down, Efficiency increasing



主要功能

Main Functions





合作客户 Customers



国家版权局登记
计算机软件著作权19项
19 National Copyrights
of Computer Software

国家知识产权
实用新型专利技术81项
81 national utility
model patents

华为HUAWEI
云鲲鹏云服务认证
Certification of HUAWEI
Kunpeng Cloud Service

2017年度
广东省政府质量奖
2017 Guangdong Provincial
Government Quality Award

福布斯2018
亚洲最佳中小上市企业200强
Forbes Asia's Best
Under A Billion 2018

Yi MES 智造执行系统

Yi MES Manufactory Execution System

灵活的硬件和云服务的架构, 投资运维成本低, 部署上线快。

Flexible hardware and cloud service infrastructure reduce the operation cost, realize quick application.

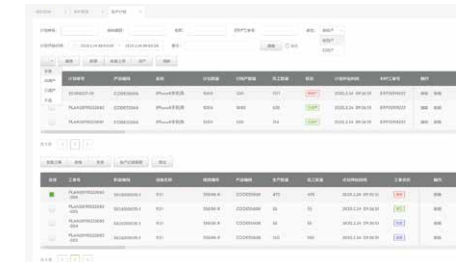
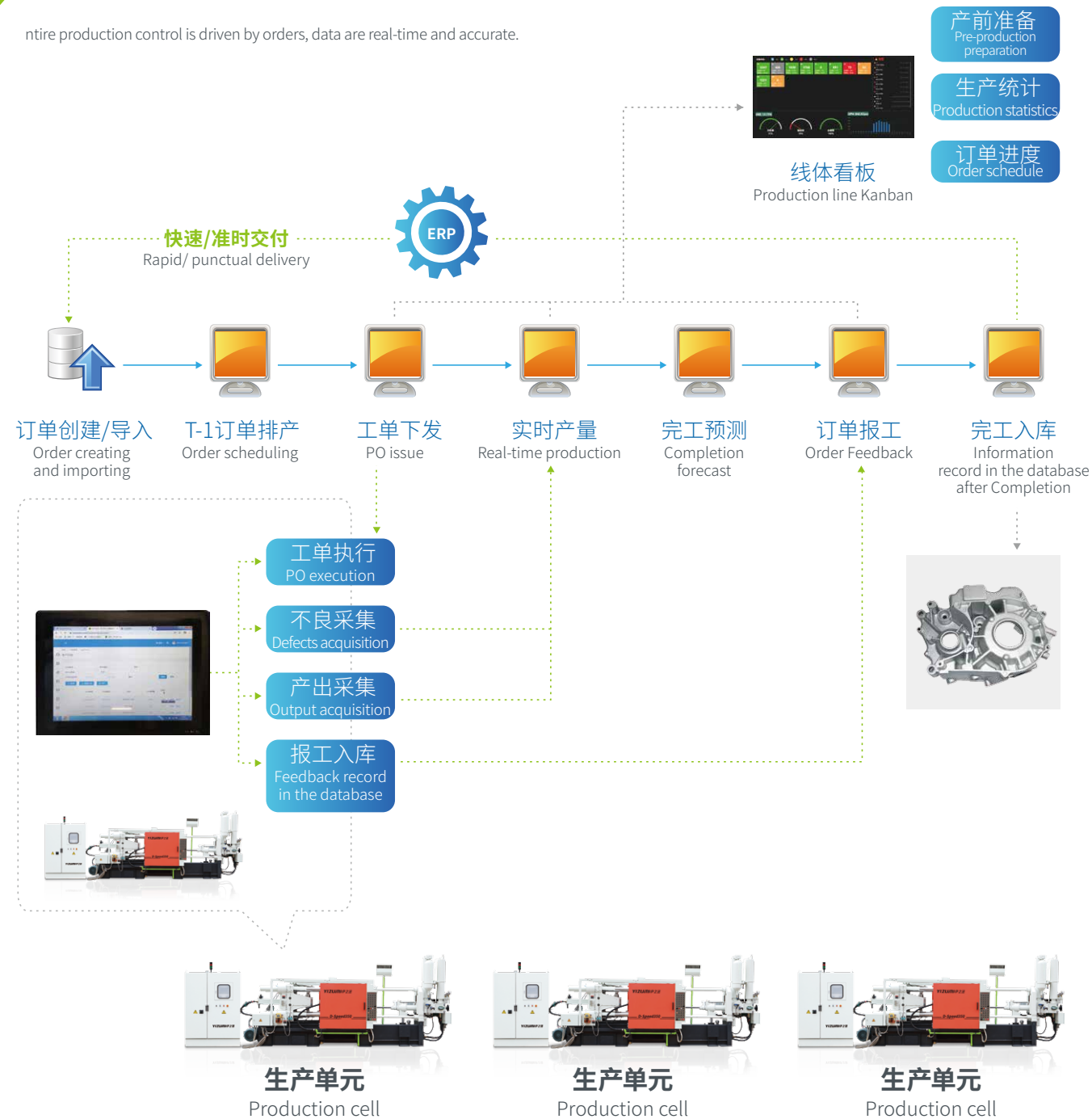


订单管理流

Order Management Process

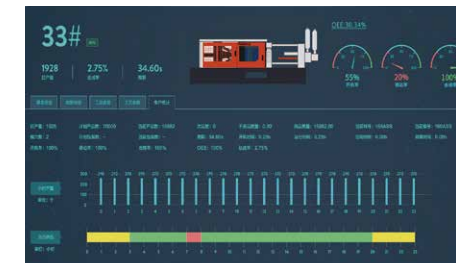
订单驱动的全流程生产管控, 数据实时、准确。

entire production control is driven by orders, data are real-time and accurate.



订单排产 Order Scheduling

- 订单创建与导入、订单排产。
- Order creating and importing, order scheduling



产出采集 Output Collection

- 查看机台实时生产数据。
- Output Collection: real-time production data of the machine can be shown



不良品录入 Defects Collection

- 用户自检录入不良。
- Users self-check and record deflection



工单报工 PO Confirmation

- 支持用户按班提报生产数量, 完工数量。
- Support users to report production quantity and finished quantity according to the shifts



生产日报 Daily Production Report

- 系统根据生产中产生的数据自动汇总成简单易懂的报表。
- The system could automatically create understandable reports according to the data generated during production

质量管理流

Quality Management Process

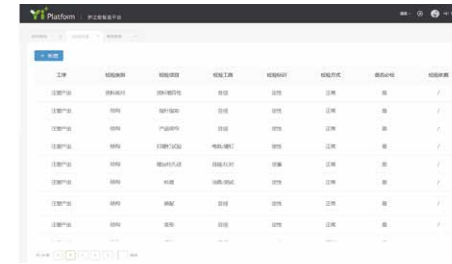
产前有标准, 产中有控制, 产后有追溯生产全流程管控, 不良品不产生、不流出。

It enables you to have standards before production, control during production, and full-process product tracing after production to prevent and remove defect products



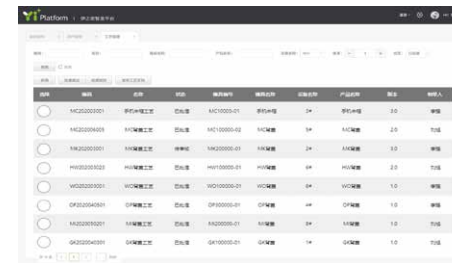
检验标准 Test Standard

- 客户可根据自身需求导入产品的检验标准。
- Customers could customize test standards according to their own requirements



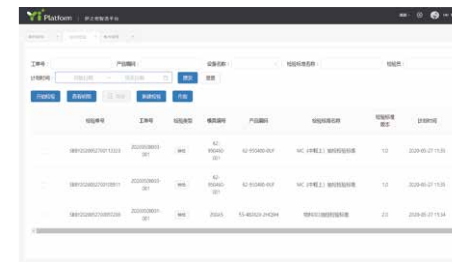
调机指引 Adjustment Instruction

- 快速生成工艺指南, 降低对调机员经验的依赖。
- It enables you to create process guide, reducing dependence on experienced operator.



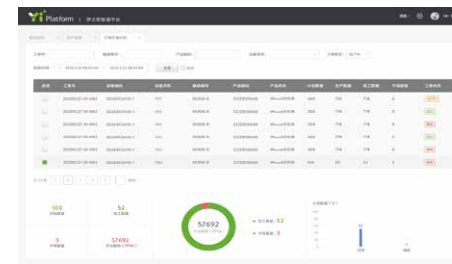
过程抽检 IPQC

- 系统自动生成检验任务, 用户进行检验录入、判定并提交检验报告。
- The system automatically generates checking task which users can input checking information, determine and submit inspection report.



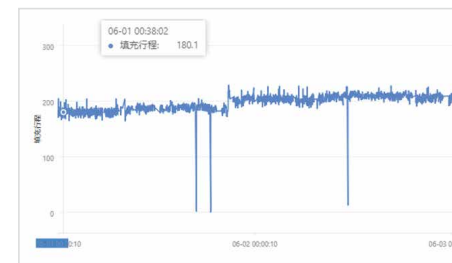
不良统计 Defect Statistics

- 系统自动生成不良统计分析报表。
- The system automatically generates the report of defective product analysis.



参数监控 Parameter monitoring

- 系统自动记录参数修改情况, 实现追溯预警机制。
- The system automatically records the modification of parameters and realizes the traceability and warning.

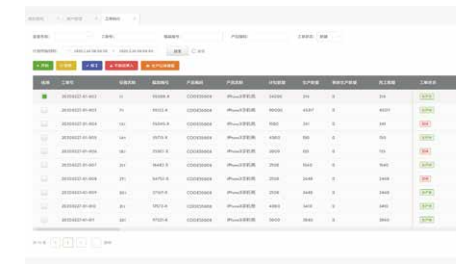
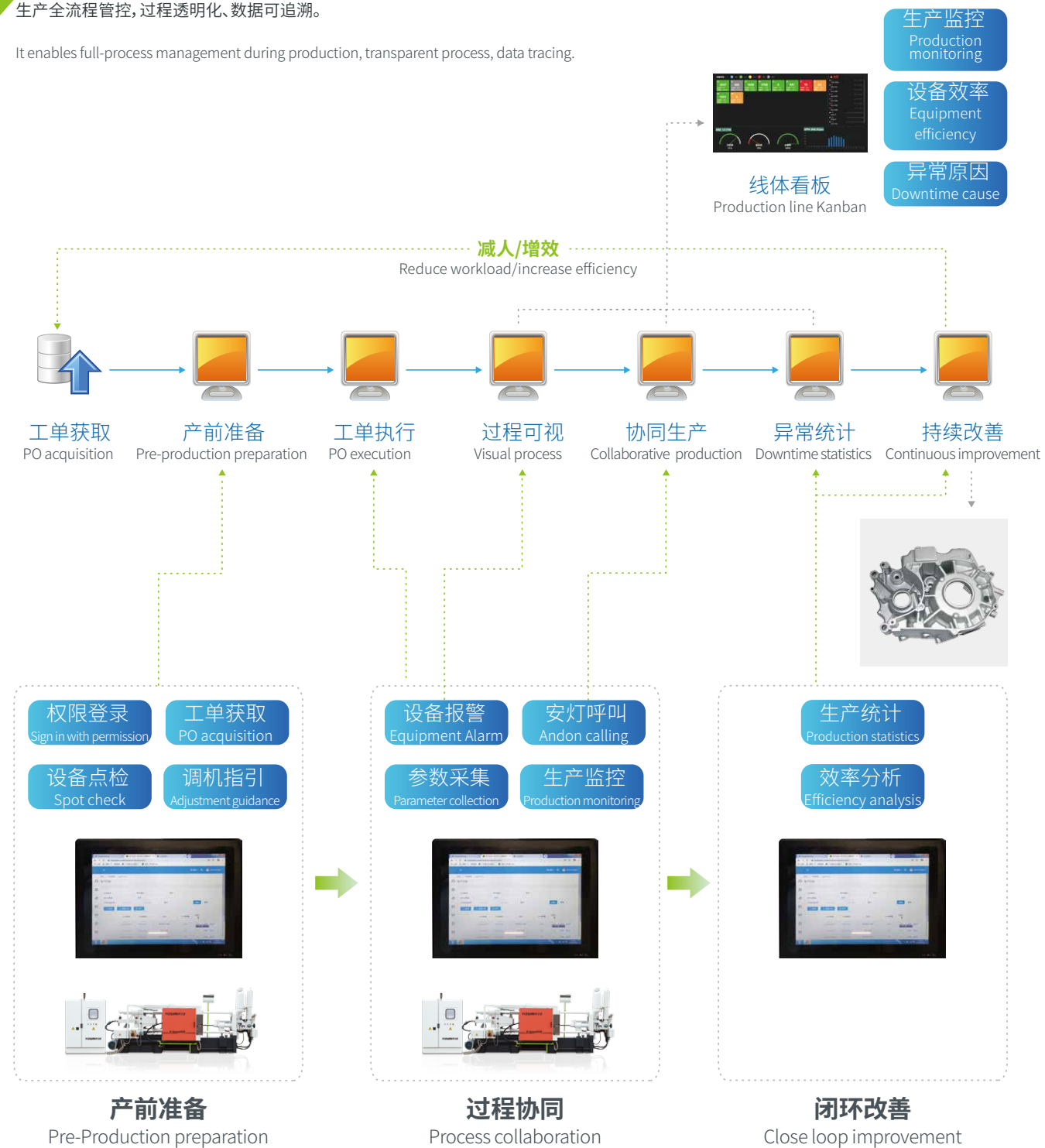


生产管理流

Production Management Process

生产全流程管控, 过程透明化、数据可追溯。

It enables full-process management during production, transparent process, data tracing.



工单获取 PO Acquiring

- 通过接口、批量导入等手段获取生产订单相关信息。
- Obtain related information about production orders through interface, batch import and other means.



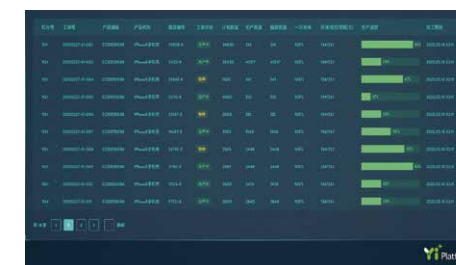
车间监控 Workshop Monitoring

- 实时显示车间的机台状态、报警信息、产量和效率等相关信息。
- Real-time display of the workshop machine status, alarm information, output, efficiency and other relevant information.

基本总览	报警信息	工作参数	工艺参数	生产统计
当前产量: 12342	报警次数: 1234	当前温度: 60.0°C	最佳时间: 2:58	
报警次数: 0	报警: 0	三轴联动实际值: 6.03 bar	设定轴联动实际值: 6.00 bar	
轴功率: 16000 bar	轴功率: 60.6%	二轴联动设定: 20.00 mm	三轴联动设定: 20.00 mm	
轴功率设定: 40.00 mm	轴功率设定: 40.00 mm	二轴联动实际: 15.00%	三轴联动实际: 15.00%	
轴功率设定: 30.00 mm	轴功率设定: 4.00%	二轴联动设定: 1.50%	三轴联动设定: 1.00 mm	
轴功率设定: 140.00 bar	轴功率: 1.00 mm	二轴联动: 0.20 mm	三轴联动: 1.00 mm	
二轴联动: 10.00 mm	轴功率: 10.00%	轴功率: 15.40 mm	轴功率: 4.00 mm	
轴功率: 20.00 mm	轴功率: 140.00 mm	轴功率: 7.00 bar	轴功率: 14.00 mm	

参数采集 Parameter Collection

- 对设备当前设置参数进行采集并展示。
- Collect and display the current parameters of machines



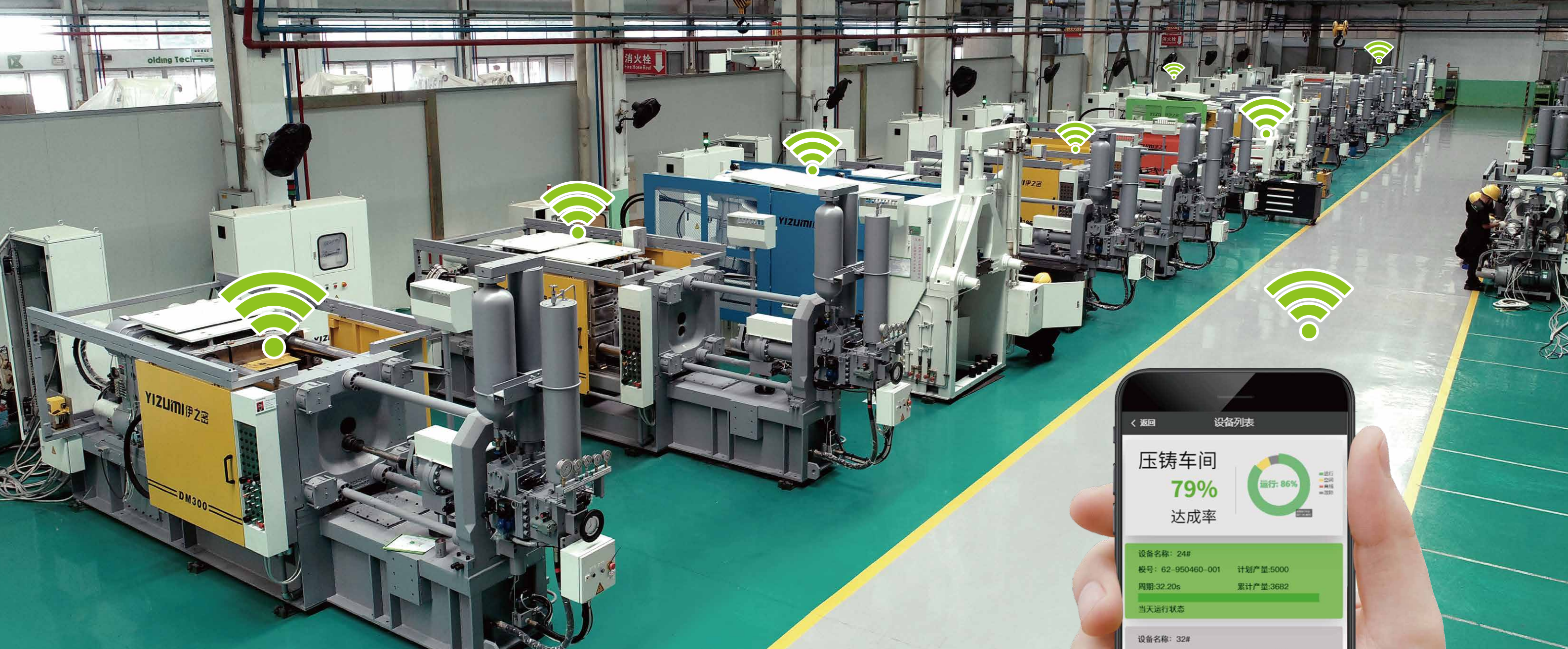
进度监控 Schedule Monitoring

- 展示每台机器当前订单的相关信息及订单完成进度。
- Display the order information and the order completion process of each machine



效率分析 Efficiency Analysis

- 机器状态监控、OEE数据、利用率、品质等基本信息汇总与展示。
- Summary and display of machine condition monitoring, OEE data, product quality and other basic information



移动终端——车间生产随处可视

Mobile terminal - workshop production can be seen anywhere

