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**YIZUMI**伊之密

# YiMES

**注塑智造执行系统**  
Manufactory Execution System



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PC端体验-网址: <https://iiot.yizumi.com>

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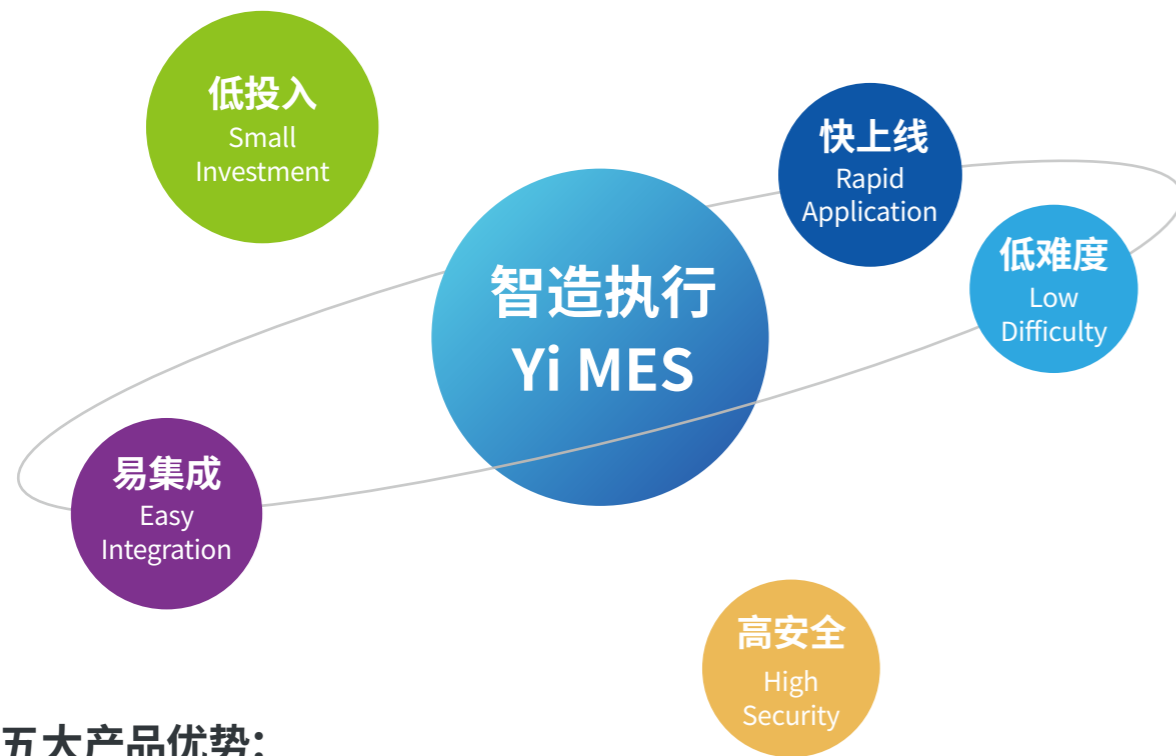
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# YiMES 智造执行系统

## YiMES Manufactory Execution System

YiMES (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塑料注射成型智能制造解决方案。

YiMES(manufacturing execution system)is an intelligent system developed based on Yi+ platform(YIZUMI Intelligent Equipment Industry Internet Platform).Combining with IOT, Cloud Computing, Edge Computing, Dig Data, AI and other new generation ICT technologies, it provides the most cost-effective injection molding 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。
- 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.
- 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。
- 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

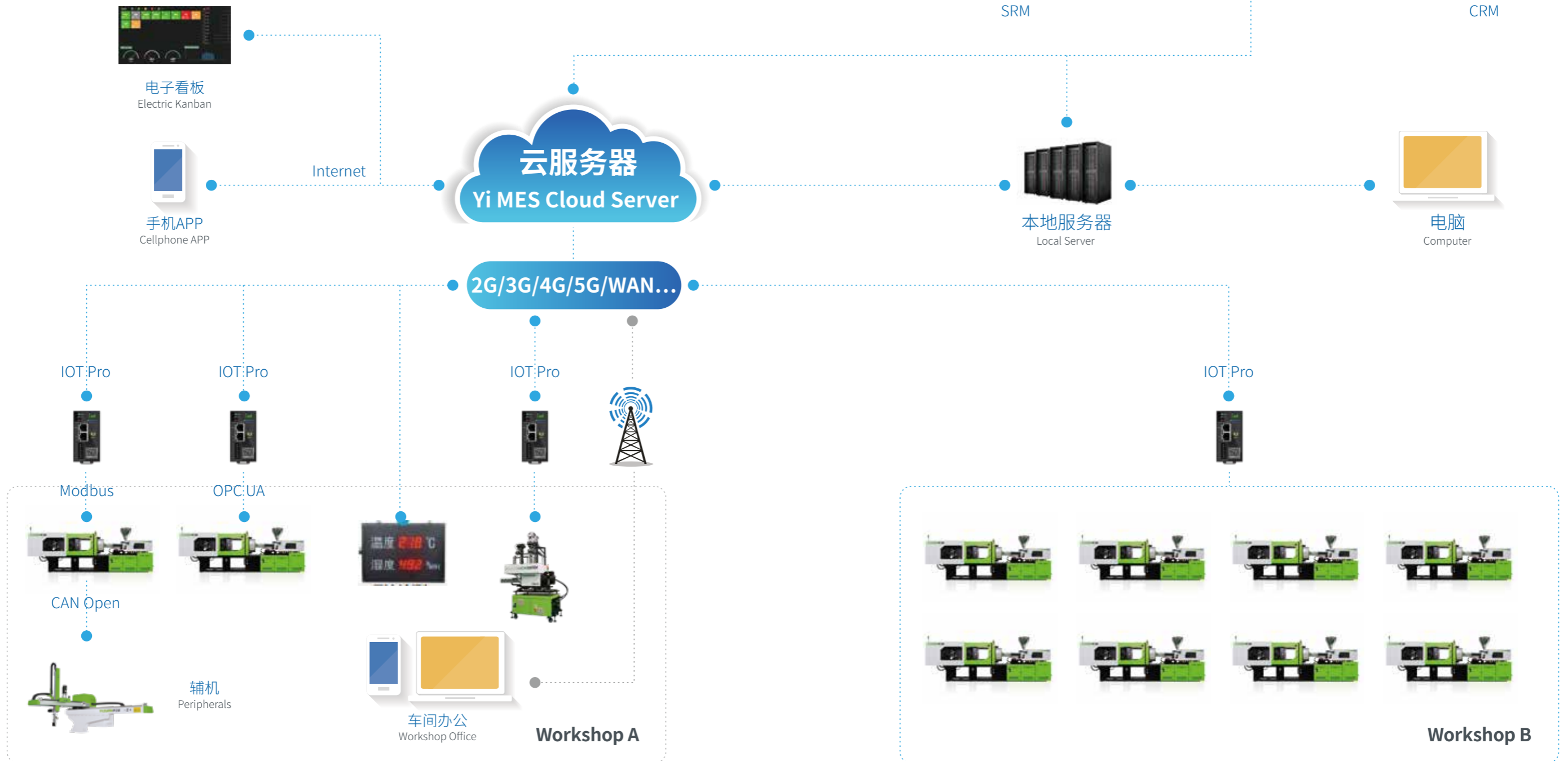


# Yi MES 智造执行系统

## YiMES 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.

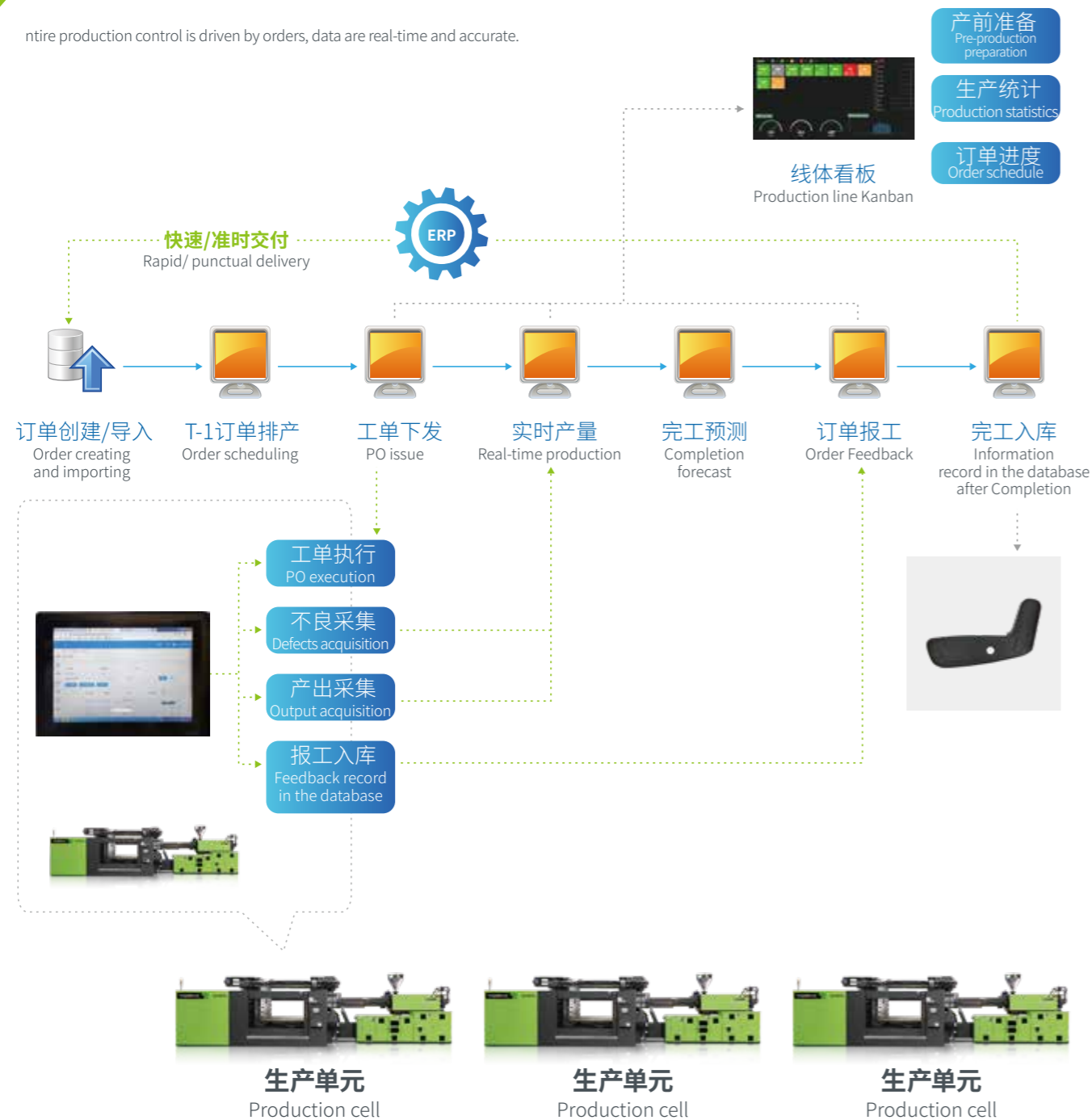


# 订单管理流

## 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.



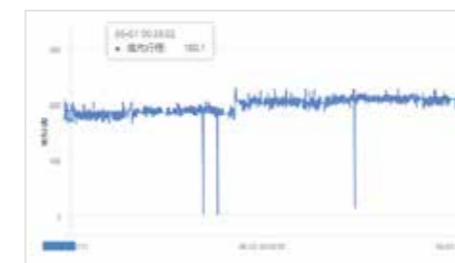
### 过程抽检 IPQC

- 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.



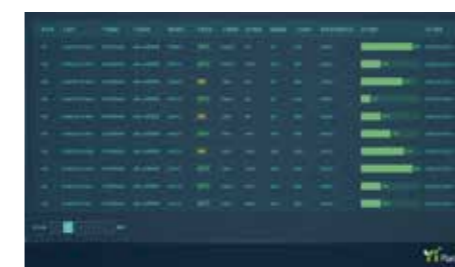
### 车间监控 Workshop Monitoring

- 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.



### 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

