

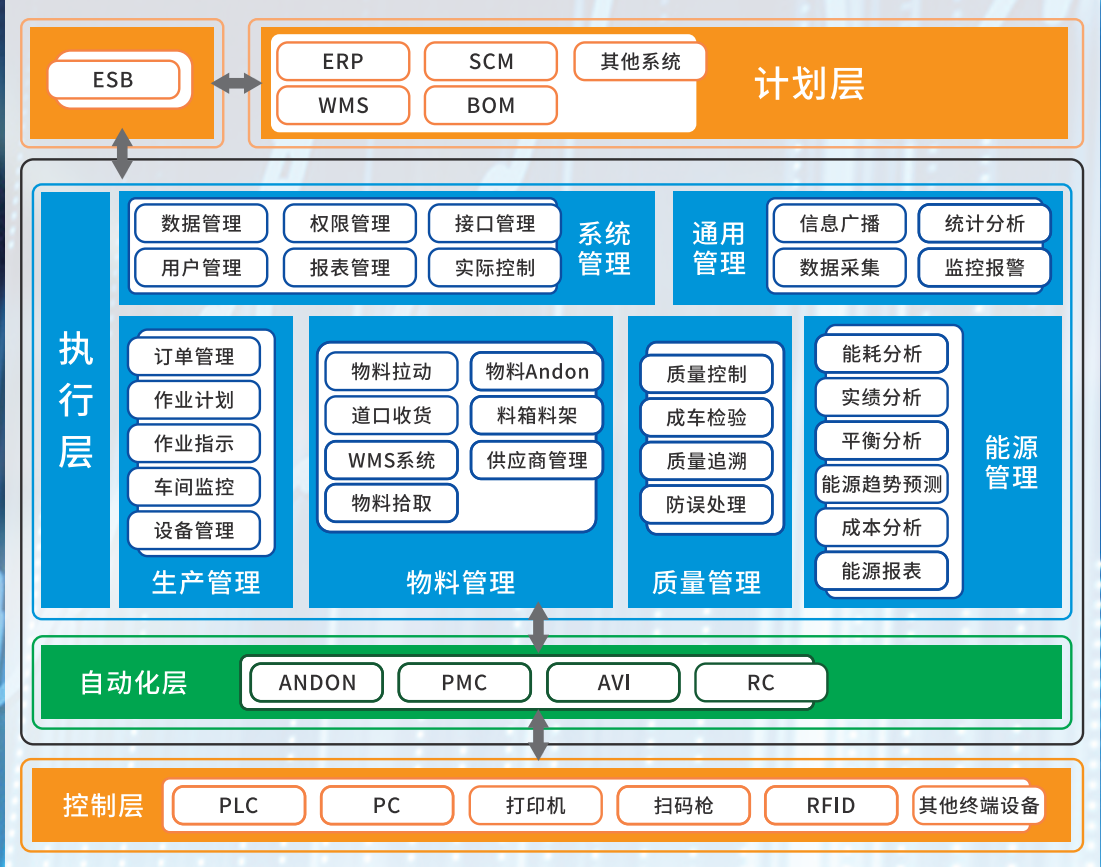
DIGITAL FACTORY

数字化工厂

决策千里外, 管理一指间
八大模块, 为更便利的企业信息化搭建引擎

Decision-making from afar, managing in an instant
Eight modules, making the digitization of enterprise easier

MES解决方案 MES solution

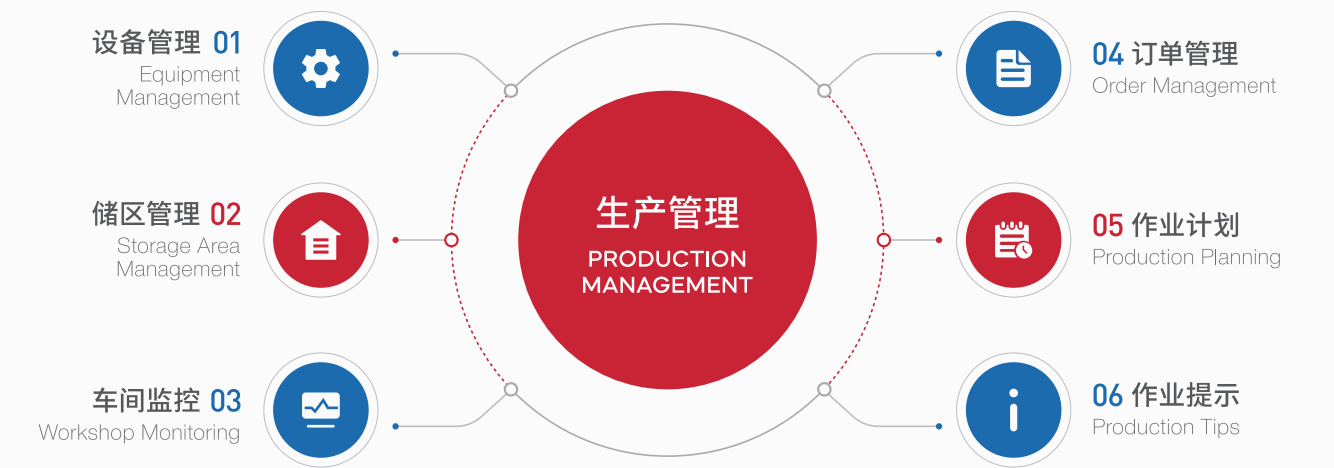


JG-MES 8 MODULES

JG-MES 八大模块

生产模块管理 / PRODUCTION MANAGEMENT MODULE

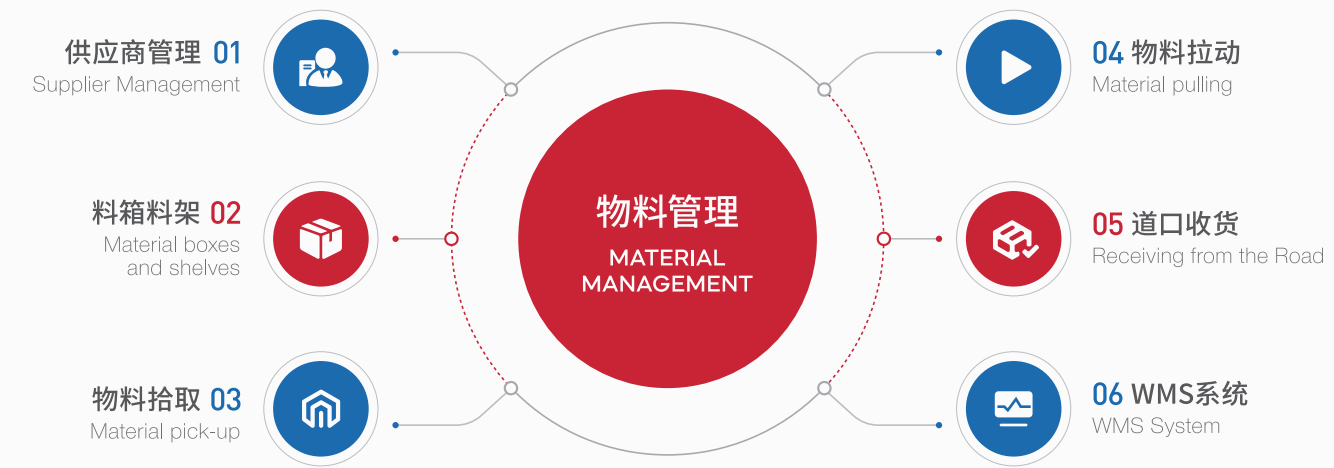
生产管理根据ERP计划排产上线，同时数据采集模块和信息广播模块完成对车间生产的全过程控制。
The going online of the production module management is based on the schedule of ERP plan, with the data collection module and information dissemination module to control the production remotely.



物料管理模块 / MATERIAL MANAGEMENT MODULE

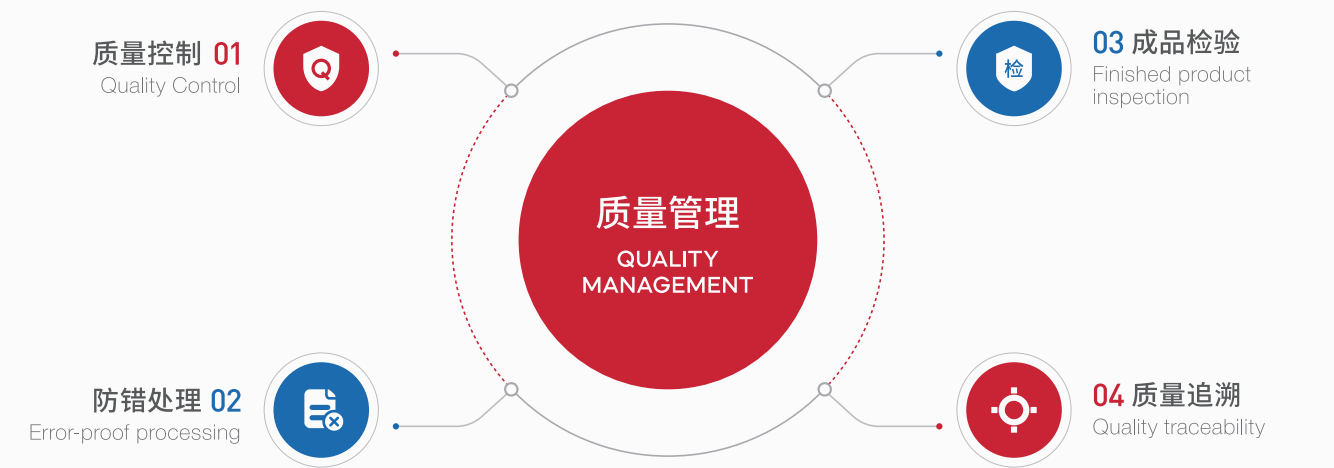
物料管理包括物料拉动、道口收货、仓库管理、物料拾取、料箱料架及供应商管理六部分，体现工厂内部物流的精细化管理，实现生产线JIT/JIS目标，随后将收发物料信息传递给ERP系统，实现物料结算及成本分析。

Material management includes six parts: material pulling, receiving from the road, warehouse management, material picking, bins and racks and supplier management, reflecting the refined management of internal logistics of the factory, realizing the JIT/JIS target of the production line, and then passing the information of incoming and outgoing materials to the ERP system to realize material settlement and cost analysis.



质量管理模块 / QUALITY MANAGEMENT MODULE

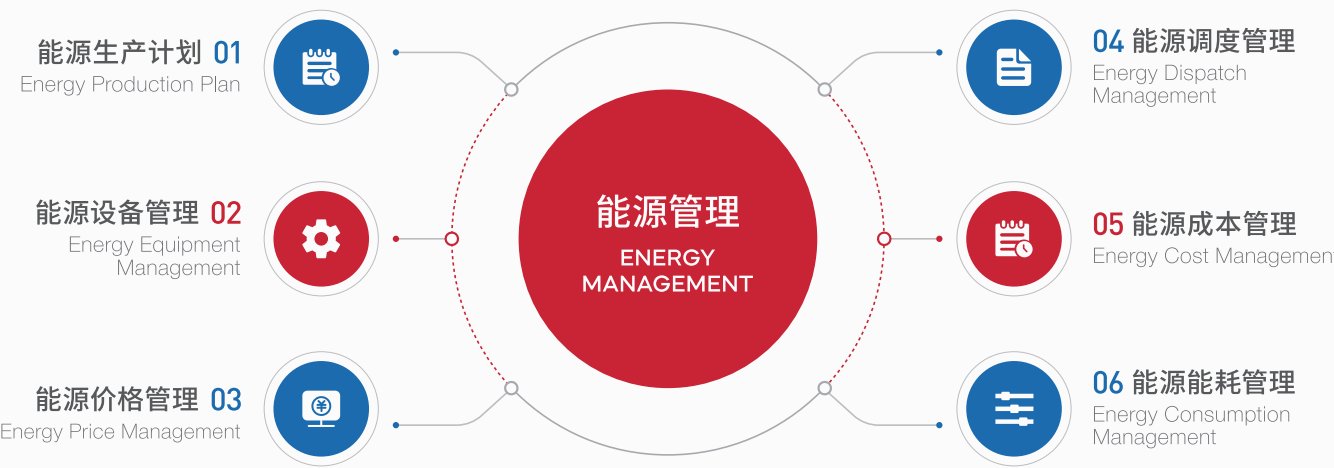
质量管理模块包括物料质量控制，成品检验、质量追溯及防错处理四个部分，建立完善的企业质量管理机制。
The quality management module includes four parts: material quality control, finished product inspection, quality traceability and error-proof processing, which establishes a perfect enterprise quality management mechanism.



能源管理系统 / ENERGY MANAGEMENT SYSTEM

能源管理系统通过落实能源计划、能源监控、能源统计、能源消费分析、重点能耗设备管理、能源计量设备管理等多种措施，提升能源使用效率，降低能源污染排放，提升节约能源的成效。

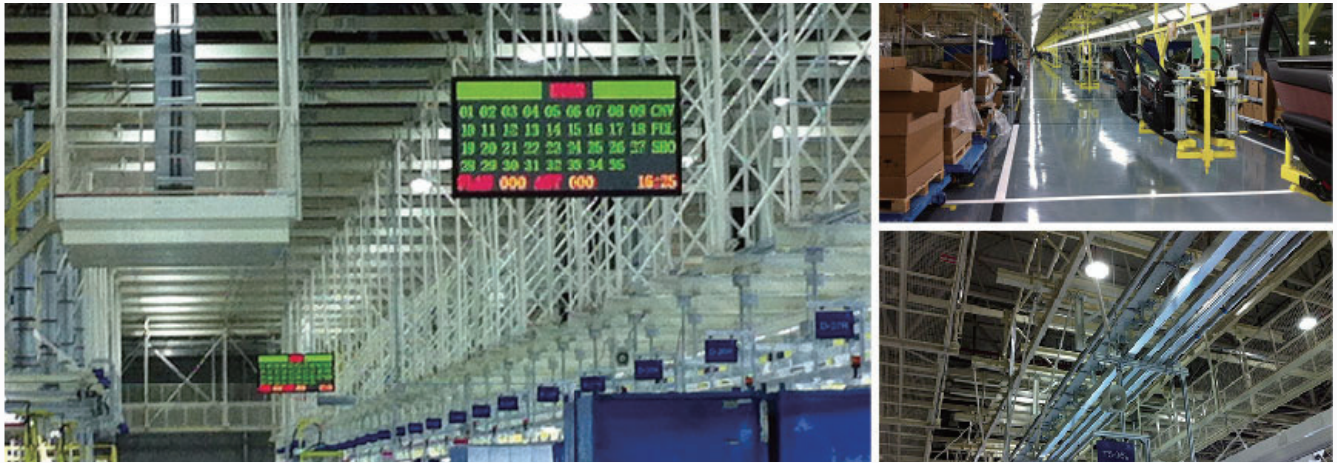
The energy management system enhances the efficiency of energy use, reduces energy pollution emissions and improves the effectiveness of energy conservation through the implementation of various measures such as energy planning, energy monitoring, energy statistics, energy consumption analysis, key energy consumption equipment management and energy measurement equipment management.



ANDON模块 / ANDON MODULE

ANDON系统提供可视化生产信息, 包括生产运行、寻求帮助、车间生产、设备故障停线等信息, 打破传统生产方式的“暗箱”操作, 提高生产管理水平。

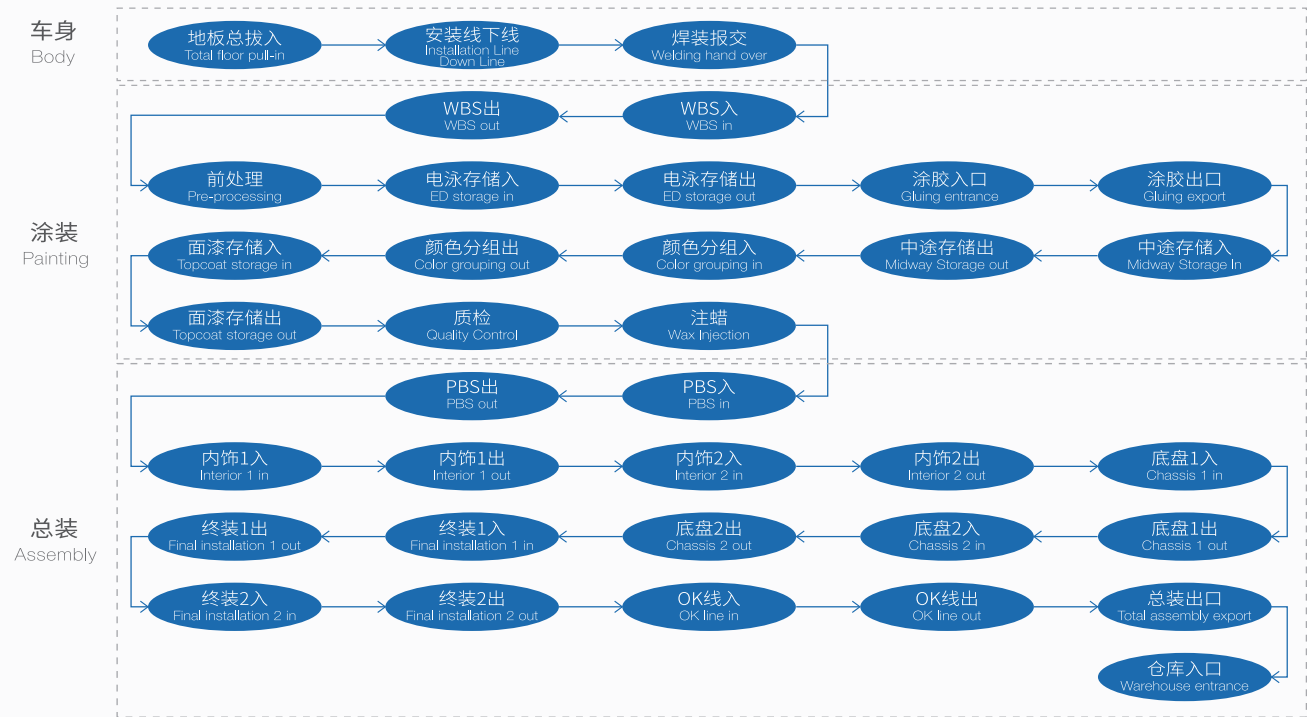
The ANDON system provides visualized production information, including production operation, help seeking, workshop production, equipment failure and shutdown, etc., breaking the opaque operation of traditional production methods, so as to improve production management.



AVI模块 / AVI MODULE

AVI系统通过条形码或RFID标签自动采集信息, 并将这些信息传送给输送链系统和相关过程设备, 实现工艺选择、防错等功能。同时这些数据被归档在数据库中进行数据分析, 生成各种生产报告。

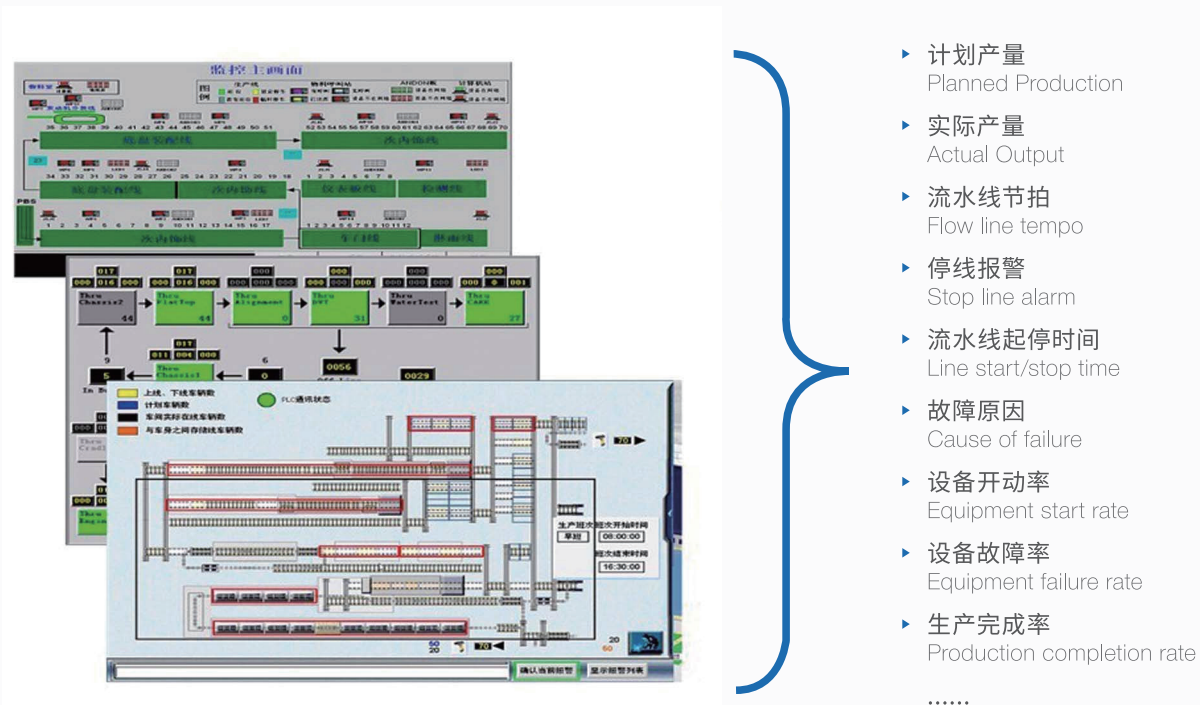
The AVI system automatically collects information via bar codes or RFID tags and transmits this information to the conveyor chain system and related process equipment for process selection, error prevention, and other functions. At the same time, this data is archived in a database for data analysis and the creation of various production reports.



PMC系统 / PMC SYSTEM

PMC系统将监视生产的节拍时间、设备的正常运行时间、故障停机时间以及生产设备的故障。收集生产信息和报警信息记录到PMC数据库, 做进一步分析。

The PMC system monitors the production beat time, equipment uptime, downtime, and production equipment failures. Production information and alarms are collected and recorded in the PMC database for further analysis.



CCR模块 / CCR MODULE

通过CCR系统, 建立一个全面集成、稳定统一的电子调度和监控系统, 实现对工厂生产进度的及时、全面监控, 实现异常信息的及时发现和有效解决。

Through the CCR system, a fully integrated, stable and unified electric scheduling and monitoring system is established to realize timely and full-face monitoring of the production progress of the factory and to realize timely detection and effective resolution of abnormal information.

