

精准实现智能生产, 灵活助力企业高效运营

REALIZE ENTERPRISES INTELLIGENT PRODUCTION & EFFICIENTLY OPERATION

工业4.0要求生产制造企业快速实现智能制造, 天俱时T-MES系统基于客户实际生产需求, 合理集成系统软件, 实现工单自动拆分及下达, 物料全生命周期管理, 生产过程控制, 自动生成可视化看板及多维报表, 实现智能制造。

Intelligent manufacturing is urgent and necessary. TIANS T-MES system based on the actual production needs of clients and reasonable integration of system software, achieving automatic work order splitting and release, full life cycle management of material, production process control, automatic generation of visualize monitoring screen and multi-dimensional reports.



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天俱时公众号

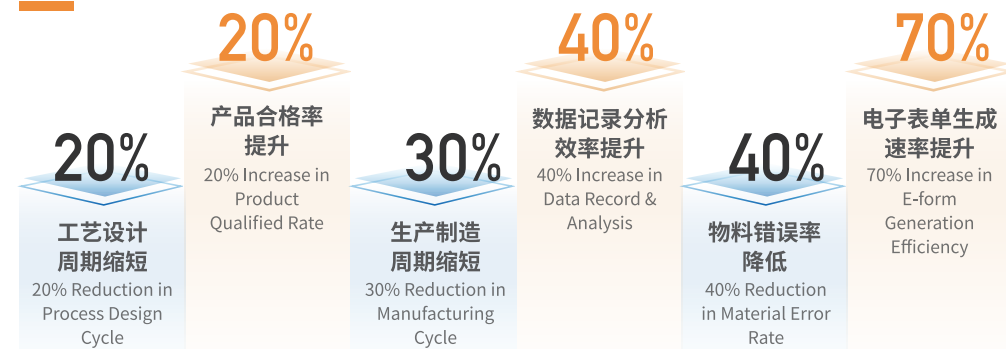


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客户收益

CLIENTS REVENUE



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TIAN'S 天俱时

T-MES | MEET YOUR NEEDS

灵活满足您的每一个需求

天俱时集团

TIANS GROUP

天俱时始创于1998年, 是一家赋能新技术产业化的工程设计集团, 依托先进的设计理念和前瞻性的国际视野, 为全球客户提供技术研发、工程咨询与设计、工程总承包、智能装备、自动化与信息化于一体的综合解决方案, 帮助客户实现From Lab to Fab的产业化转化。业务涵盖精细化工、电子化学品、合成生物、生物医药、化学制药、食品健康、冶金矿山等高科技行业领域。

TIANS Engineering Technology Group Co., Ltd., founded in 1998, is an engineering design group empowering industrialization of new technologies. Based on advanced design concept and forward-looking global perspective, we provide comprehensive solutions involving technology R&D, engineering consulting and design, EPC, intelligent equipment and automation & digitalization to help our clients achieving a From Lab to Fab industrialization transformation. Our business spans many high-tech fields, including fine chemical engineering, electronic chemicals, synthetic biology, bio-pharmaceutical, chemical pharmaceutical, healthy food and metallurgy & mining.

业务范围

Business Scope

工艺技术服务

Process Technical Services



工程咨询与设计

Engineering Consulting and Design



工程总承包

T-EPC



智能装备

Intelligent Equipment



自动化与信息化

Automation & Digitalization

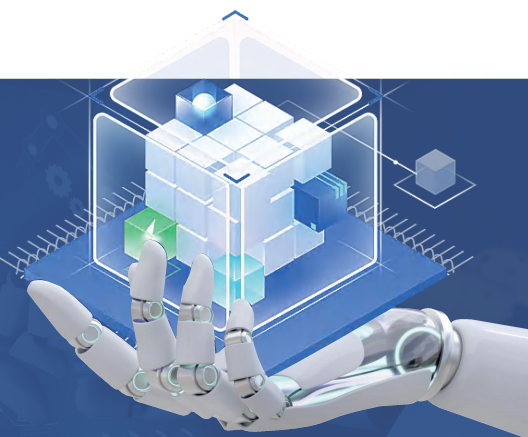


天俱时 T-MES 智能制造执行系统

TIANS T-MES INTELLIGENT MANUFACTURING EXECUTION SYSTEM

天俱时自动化与信息化工程深耕行业Know-How, 结合行业特点为客户提供满足工艺需求的, 从系统设计、集成开发、工程实施到项目管理的一站式个性化、定制化自控系统解决方案。

TIANS automation and information engineering focusing on industry Know-How, combining the characteristics of the industry to provide clients with one-stop personalized and customized automatic control system solutions that meet the process needs from system design, integrated development, project implementation to project management.



天俱时T-MES智能制造执行系统

TIANS T-MES INTELLIGENT MANUFACTURING EXECUTION SYSTEM

在制药行业中,每个企业都有其独特的特性和优势,不能盲目地模仿他人的生产方式,而应该根据自身的特性,灵活地定义和调整自己的生产方式。只有这样,企业才能在激烈的市场竞争中立于不败之地。

天俱时T-MES智能制造执行系统将工艺技术与信息化深度融合,可结合您的生产方式,根据需求灵活定制制造执行系统,从工单发出到成品完工的整个过程中传递信息以优化生产活动,实现“人机料法环”的全面管理,降低人为差错,高效实现智能制造。

Each pharmaceutical enterprise has its own characteristics and advantages. Enterprises should flexibly define and adjust their own production methods according to their own characteristics. Because only in this way can enterprises be invincible in the fierce market competition.

TIANS T-MES Intelligent Manufacturing Execution System can flexibly customize the manufacturing execution system according to your needs, integrating process and technology with automatization and combining your production methods. T-MES system can transmit information in the whole process from orders to products, which realize the comprehensive management of "human-machine, material method".

系统功能

T-MES SYSTEM FUNCTIONS

T-MES智能制造执行系统帮助客户有效实现系统、人员、配方、物料、设备、生产及质量等多元化管理,为企业提供一个快速反应、有弹性、精细化的生产制造环境,有效降低生产运营成本,实现风险可控,订单如期交付。

T-MES Intelligent Manufacturing Execution System helps clients effectively realize diversified management of systems, personnels, formulas, materials, equipment, production and quality control, providing enterprises with a rapid response, elastic and refined manufacturing environment, effectively reducing production and operating costs, realizing controllable risks, and delivering orders on schedule.



灵活的系统管理

Flexible System Management

操作记录 Operation Record	系统配置 System Configuration	文件管理 Document Management
导入/导出 Import/Export Function	脚本管理 Script Management	审计追踪 Audit Trail

高效的人员管理

Efficient Personnel Management

用户管理 User Management	权限管理 User Rights Management	角色管理 Role Setting
人员档案 Personnel Profile	人脸识别 Biometrics	电子签名 Electric Signature

智能的物料管理

Intelligent Material Management

物料档案 Material Archive	收料管理 Receiving Management	发料管理 Issuing Management
库存台账 Inventory Ledger	效期管理 Validity Management	批次管理 Batch Management
标签管理 Label Management	物料追溯 Material Traceability	

精准的配方管理

Precise Recipe Management

配方创建 Recipe Creation	配方审核 Recipe Review
配方升级 Recipe Upgrades	工艺参数 Process Parameters Setting

可视化设备管理

Visualize Equipment Management

设备档案 Equipment Archive	点巡检 Point Inspection	维修管理 Maintenance Management
验证管理 Validation Management	校准管理 Calibration Management	容器管理 Container Management
设备状态 Device Status Monitoring		

系统集成的生产管理

Production Management for System Integration

计划排产 Plan Scheduling	生产批指令 Production Batch Instructions Setting	备料计划 Material Preparation Plan
批记录设计 Batch Record Design	数据采集 Data Acquisition	作业跟踪 Job Tracking
物料称量 Material Weighing	物料投料 Material Feeding	操作SOP Manipulate SOPs
设备清洁 Equipment Clean	房间清场 Room Clearance	辅助记录 Secondary Record
生产报表 Production Reports		

合规高效的质量管理

Compliant & Efficient Quality Management

取样管理 Sampling Management	来料检验 Incoming Inspection	过程检验 Process Inspection
完工检验 Completion Inspection	放行管理 Release Management	偏差和事件 Deviations Dispose & Record
不合格品处理 Non-conforming Products Handling	审计管理 Audit Management	