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TSDQH2018-A



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股票代码 Stock Code: 300607

智能·物联网

SMART INTERNET OF THINGS



让工业文明回归自然之美
Let Industrial Civilization Return To Natural Beauty



让工业文明回归自然之美 *Let Industrial Civilization Return To Natural Beauty*

作为中国整厂自动化第一品牌，拓斯达专注于高端智能装备，主张**让工业文明回归自然之美** 的品牌价值，即随着技术不断进步与突破，用智能系统替代人工，开拓可替代的应用领域，推动产业进步助力企业发展，同时把制造业从劳动密集型带入完全的自动化，回归到自然，人性，和谐的状态。

As the top brand of complete factory automation in China, TOPSTAR focuses on high-end innovative equipment, proposes the brand value of ***Let Industrial Civilization Return To Natural Beauty*** . We initiate to replace labor with intelligent systems, expand replaceable application areas and promote industrial progress to help enterprise developing, transform labor intensive type to full automation and return to a natural, human-oriented and harmonious status.

新出现的文明与传统的旧工业文明有许多矛盾之处：它既有高度的科学技术，同时又是反工业化的。

摘自《第三次浪潮》
——阿尔文·托夫勒

Much in this emerging civilization contradicts the old traditional industrial civilization. It is, at one and the same time, highly technological and anti-industrial.

from TheThird Wave,
Alvin Toffler

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公司简介 Company profile

广东拓斯达科技股份有限公司（简称：拓斯达，股票代码：300607）是广东省首家登陆创业板的机器人骨干企业，专注于工业机器人代表的智能装备的研发、制造、销售，致力于成为系统集成+本体制造+软件开发+工业互联网四位一体的智能制造综合服务商。

拓斯达坚持“让工业文明回归自然之美”的品牌主张，及“做一年回本的自动化”的核心价值观，核心产品包括以工业机器人为代表的智能装备，以控制系统及MES为代表的工业物联网软件，为客户提供基于工业机器人的智能生产环境整体解决方案，打造健康的智能制造生态圈。

拓斯达在全国已有30多个办事处，4600家已服务客户，包括美的、比亚迪、长城汽车、伯恩光学等知名企业。

目前公司聚集了加拿大、韩国、台湾等全球顶尖研发人才，长期与清华大学、华中科技大学、华南理工大学、东莞理工学院等研究机构和知名高校开展了产学研合作。获得专利授权82件，软件著作权14项，商标49件。拥有完全自主知识产权的直角坐标机器人荣获广东名牌产品3个，广东高新技术产品5项，多项产品通过欧洲CE认证。

拓斯达是国家高新技术企业、广东省级企业技术中心，获评广东省高成长性中小企业。2014年，被世界权威杂志《福布斯》评为“中国非上市潜力企业百强”第30名；2015年，被国际四大会计师事务所之一安永联合复旦大学评为“中国最具潜力企业”；2014、2015年度高工金球奖等多项荣誉；2016年被评为广东省首批机器人骨干企业。

Guangdong Topstar Technology Co., Ltd. (Abbr. TOPSTAR, stock code: 300607) is the first robot key enterprise listed on GEM in Guangdong province, focusing on the R&D, manufacturing and sale of the industrial robots as the representative of intelligent equipment, dedicated to system integration, product manufacturing, software development and industry internet -- four in one intelligent manufacturing integrated service provider.

TOPSTAR adheres to the brand advocate "Let Industrial Civilization Return To The Natural Beauty" and the core value "one year investment return for the automation solution". The core products include intelligent equipment represented by industrial robots, industrial internet of things software represented by control systems and MES, providing customers with turnkey solutions for intelligent production environment based on industrial robots and creating a healthy intelligent manufacturing ecosystem.

There are more than 30 sales and service branches all around the country, and serving for 4600 customers, including Midea, BYD Auto, CHANGCHENG Auto, BIEL, etc.

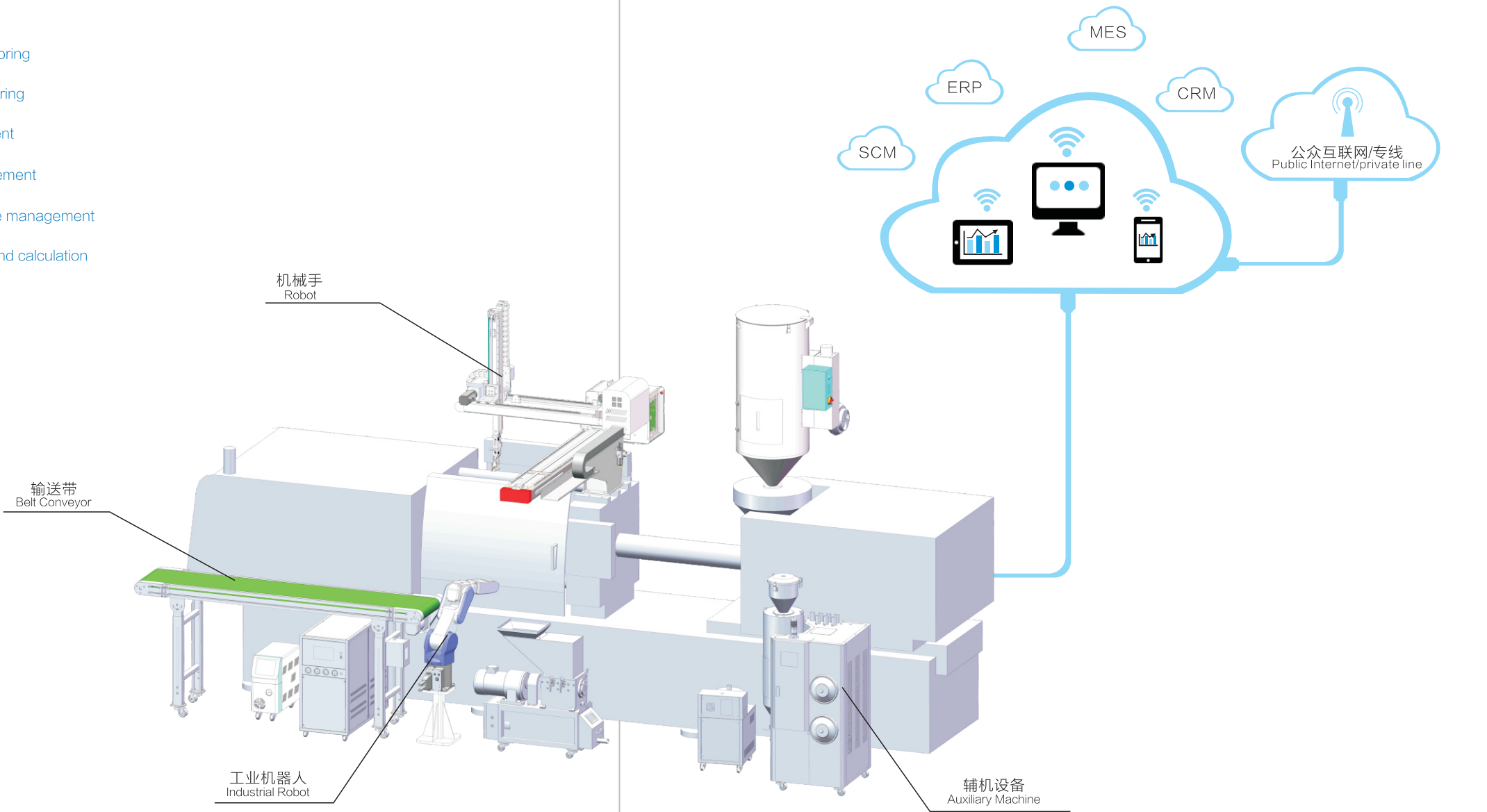
TOPSTAR has recruited top R&D experts from Canada, Korea and Taiwan, and carried out long-term research cooperation with Tsinghua University, Huazhong University of Science and Technology, South China University of Technology, Dongguan Institute of Technology and other research institutions and well-known colleges. We have achieved 82 patents, 14 software copyrights and 49 trademarks. Three kinds of Robots with independent intellectual property are named as Guangdong Provincial Famous Brand and five kinds of machines are named as Guangdong Hi-Tech Products. Many machines have been certified by CE.

TOPSTAR is a National Hi-Tech enterprise, Guangdong Provincial-level Enterprise Technical Center and the Rapid Growth of Small&Medium Enterprises of Guangdong Province. In 2014, we were ranked on the 30th as "Potential 100 Non-Listed Chinese Enterprises" by Forbes. In 2015, we were assessed as "China's Most Potential Enterprise" by Ernst & Young with Fudan University. In 2014 and 2015, honored "Annual Golden Globe" by GG Robots. In 2016, TOPSTAR was assessed as the first batch of robot key enterprises in Guangdong Province.



拓斯达智能制造解决方案
Topstar solution for factory intelligent manufacturing

- 生产状态监控
Production status monitoring
- 质量实时监控
Quality real-time monitoring
- 能源数据管理
Energy data management
- 生产计划管理
Production plan management
- 设备维护管理
Equipment maintenance management
- 绩效分析计算
Performance analysis and calculation
-

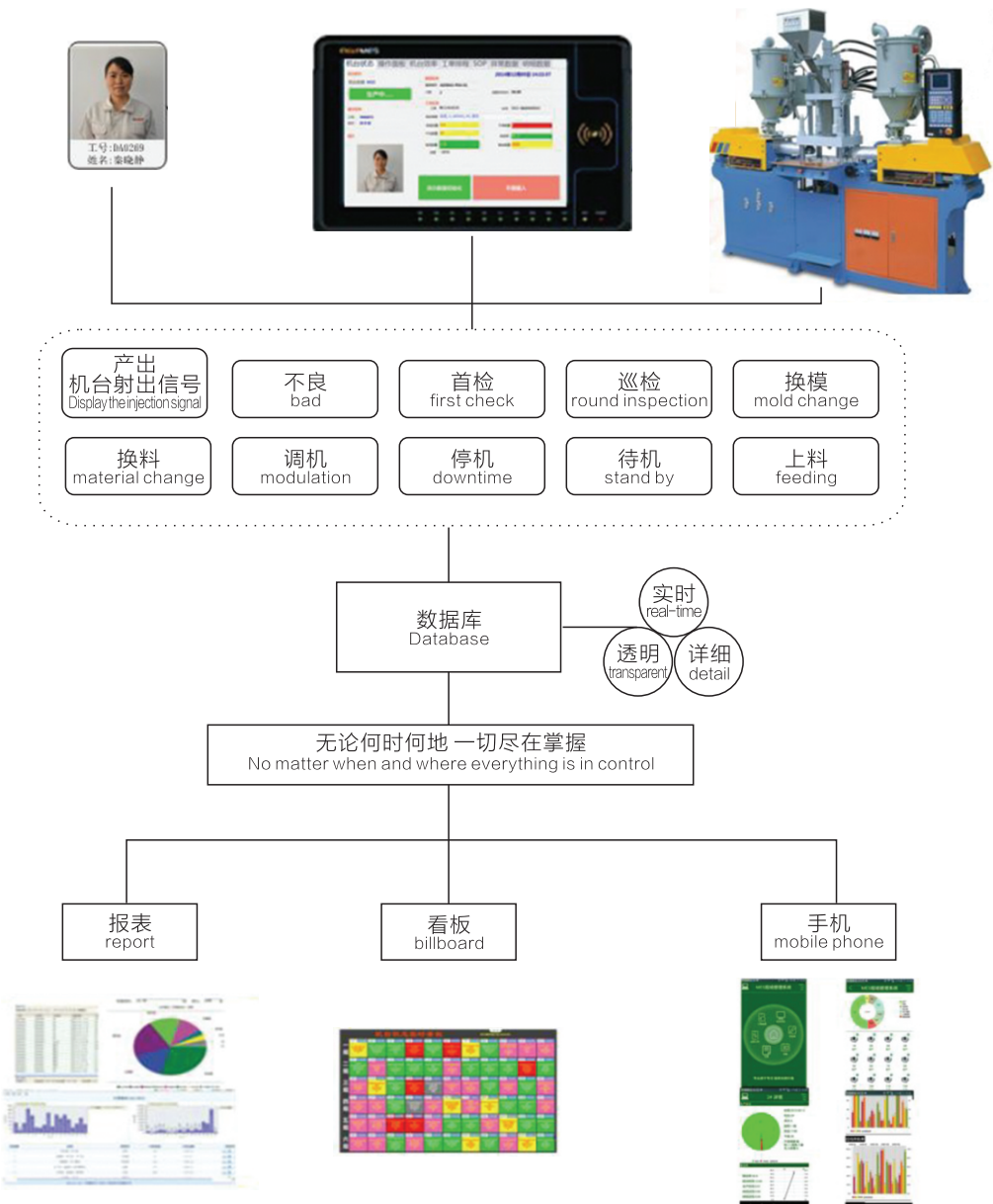


支持多种平台访问：PC、iPad、Android、iPhone
Support multiple platform access: PC、iPad、Android、iPhone

实时浏览生产设备工作状态、设备停机故障、生产效率、订单等情况
Real-time browse the status of production , the downtime error, productivity, order status and so on.

自动采集生产数据、即时通知生产异常情况，迅速解决问题
Collect the production data automatically, notify the production fault, solve the problem quickly.

注塑MES系统
Injection MES system



生产过程实时透明
Real-time and transparent production process



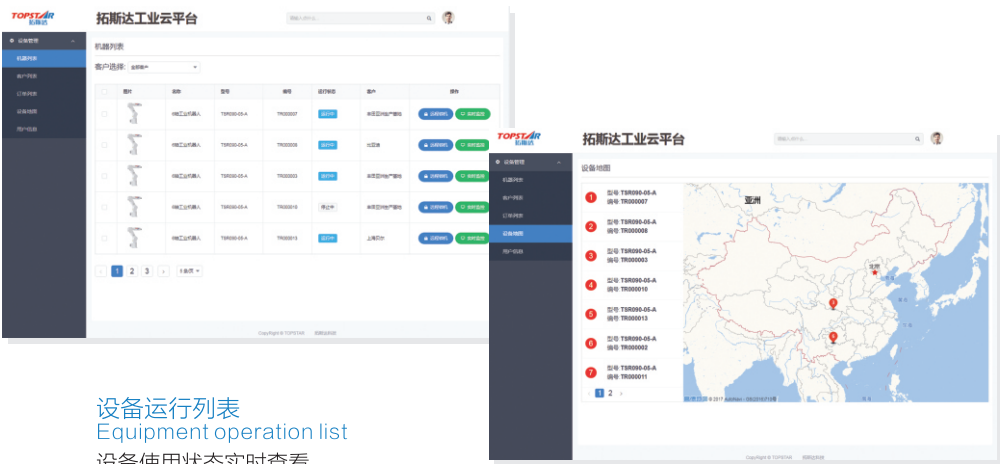
手机实时监控
Real-time monitoring by mobile phone



数据统计管理
Data statistics management

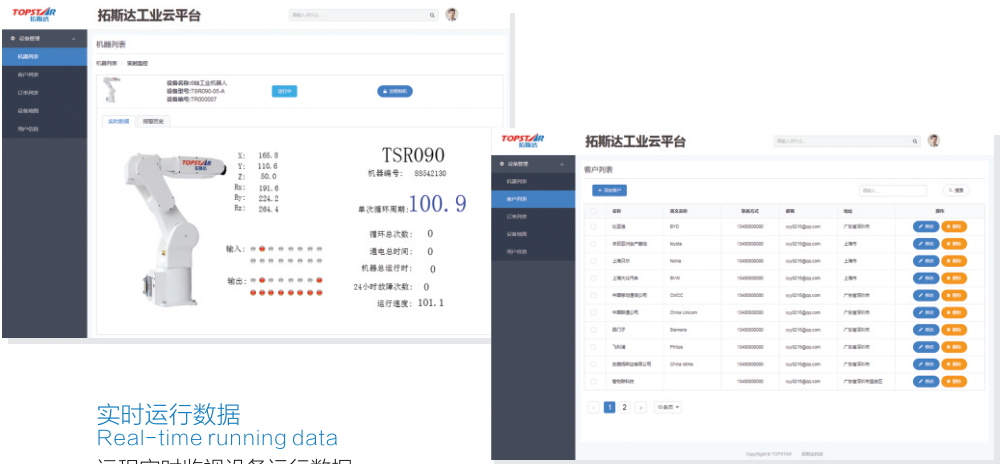


工业设备云平台
Industrial equipment cloud platform



设备运行列表
Equipment operation list
设备使用状态实时查看
View device usage status in real time

设备地图分布
Equipment location distribution
查看设备全国分布情况
View the national distribution of the equipment



实时运行数据
Real-time running data
远程实时监视设备运行数据
View remote monitoring device operation data in real-time

客户协同管理
Customer management
按客户进行设备管理
Manage the device based on customers

智能看板系统
Intelligent billboard system



协同管理
Collaborative management
对整厂生产数据一目了然
Thoroughly grasp the whole plant production data

精准决策
Make precise decision
实时采集生产数据和关键指标
Collect production data and key indicators

外部对接
External docking
与ERP系统无缝对接
Seamless docking with ERP system

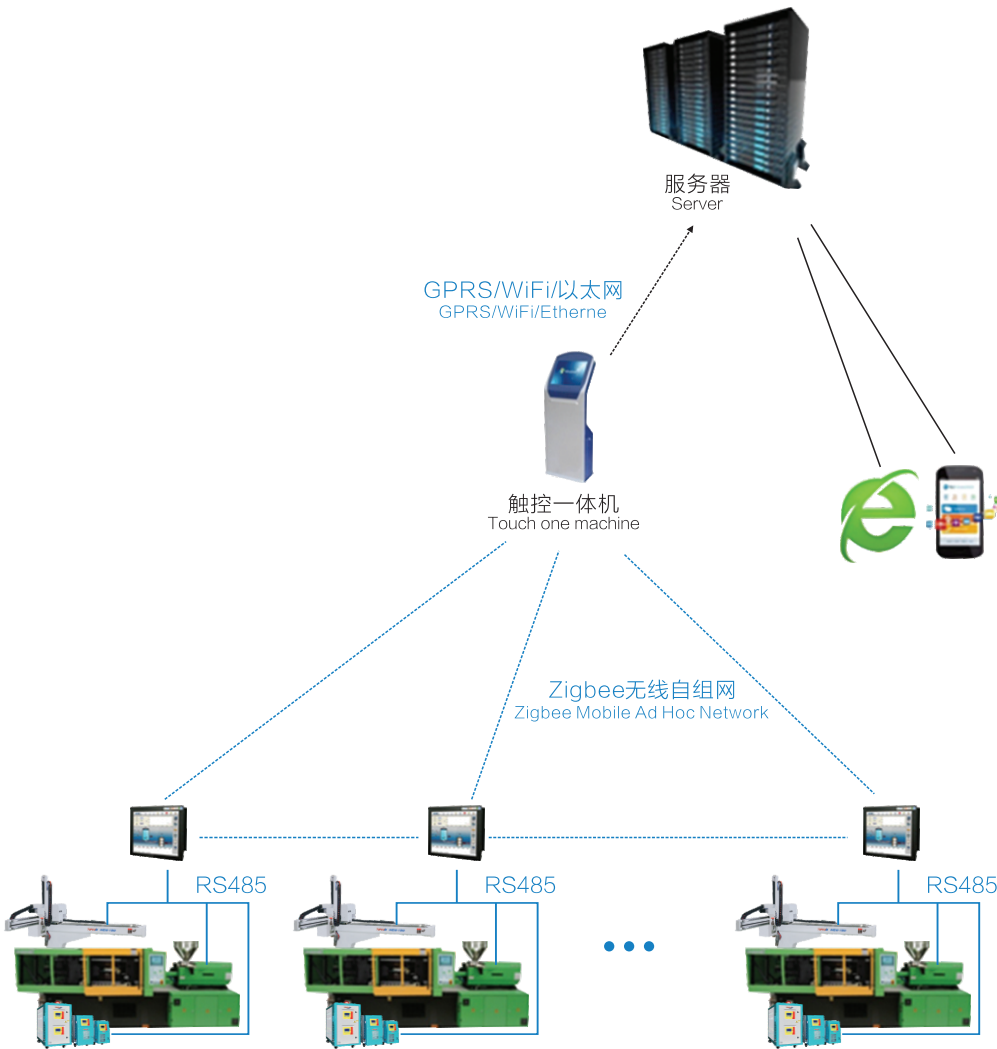
透明工厂
Transparent factory
实现远程、实时、准确地集中管控
To achieve remote, real-time, accurate centralized control

智能数据采集系统
Intelligent data collection system

注塑单元数据采集
Collect injection unit data

每一个注塑单元实时监控
Monitor each injection unit in real-time

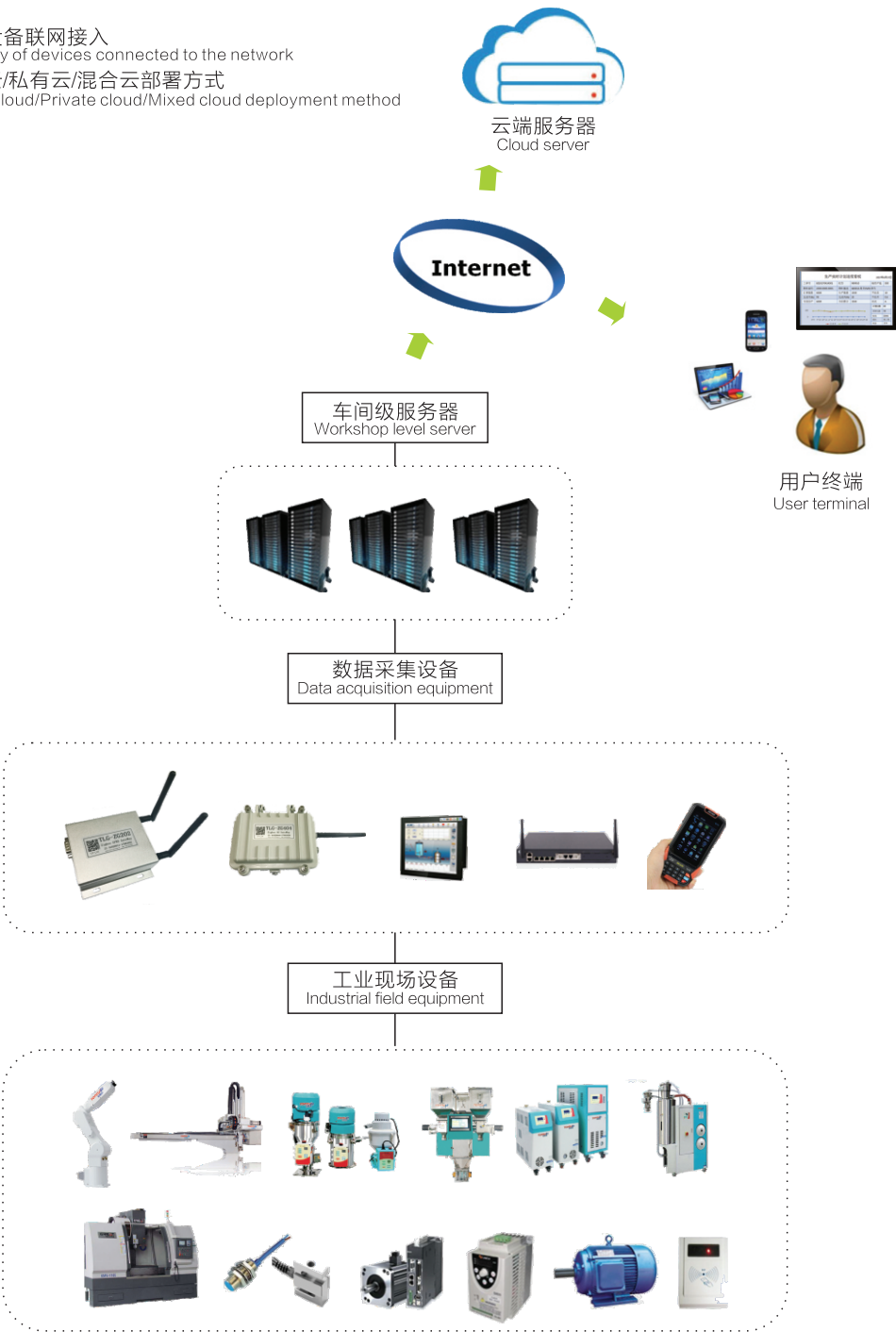
使用智能硬件采集模块进行数据采集与传输
Use intelligent hardware module to collect data and transfer



生产设备互联
Production equipment interconnection

多种设备联网接入
A variety of devices connected to the network

公有云/私有云/混合云部署方式
Public cloud/Private cloud/Mixed cloud deployment method



智能联网终端 Intelligent networking terminal



GPS数据网关GPS data gateway

- 带RS485/RS232通信接口
RS485/RS232 communication interface
- 带GPRS远程通信功能
GPRS remote communication function
- 带蓝牙4.0通信功能
Bluetooth 4.0 communication function
- 带Zigbee自组网功能
Zigbee Ad Hoc network function

开放接口，提供二次开发包
Open interface, to provide secondary development package



4G数据网关4G data gateway

- 带Zigbee组网通信功能
Zigbee networking communication function
- 带4G全网通、高速数据传输
4G full Netcom, high-speed data transmission
- 工业级设计、性能可靠
Industrial design, reliable performance
- 防水防尘、可户外安装
Waterproof and dustproof, outdoor installation

开放接口，提供二次开发包
Open interface, to provide secondary development package



智能手持终端Intelligent handheld terminal

- 工业级设计/性价比高
Industrial design, Cost-effective
- 运行Android 5.1操作系统
Run Android 5.1 OS
- 一维/二维条码扫描
One-dimensional code scan/QR code scan
- RFID读写/摄像头
RFID input and output / camera
- GPS/北斗定位
GPS/Beidou positioning
- 蓝牙/WiFi/4G全网通
Bluetooth /wifi /4G full Netcom

可定制开发工业APP
Customizable development industry APP



智能工业平板Intelligent networking terminal

- 安卓6.0系统
Android 6.0 OS
- NFC功能/陀螺仪/重力感应
NFC function / gyroscope / gravity sensing
- GPS/北斗定位系统
GPS/Beidou positioning system
- 蓝牙/WiFi/4G全网通
Bluetooth /wifi /4G full Netcom
- 防水防尘等级IP67，防摔防震
Waterproof and dustproof grade IP67, drop and shock proof

可定制开发工业APP
Customizable development industry APP

衷心感谢 Sincerely Appreciate

 比亚迪	 海尔	 美的	 康佳
 TCL	 五菱	 劲胜	 欣旺达
 捷普绿点	 安费诺	 莫仕	 长盈精密
 裕同	 精研	 铭祥汽车	 正崴集团
 立讯	 兴科集团	 华众	 长城汽车
 伯恩光学	 台达		

超过4000家客户鉴证并长期支持
Over 4000 customers have witnessed TOPSTAR growth and long supports

全球销售网点 Global Service Net

