



Smart Connect Future



Company History & Milestone



Founder: Gaosong Ding



ISO9001, ISO14001
Certificated



DEGSON Germany
GmbH established



Group headquarter locates in Cixi



Vietnam manufactory established

1990

Established



2003

Building the cooperation
with UL and VDE

2005
2006

ISO9001, ISO14001
Certificated

2009

DEGSON Germany
GmbH established

2010
2013

DEGSON lab was
authorized by both
UL and VDE



UL-CTDP VDE-TDAP

2011
2014

Pass explosion proof system
certification Approved by
IRIS system



2015
2017

2019
2020

SAP ERP is
put into use
Salesforce
CRM

2021

PLM is put into use
Set Up Intelligent
Warehouse



>>>

DEGSON Global Production Base and R&D Center 1



Smart Warehouse



High-tech Zone Manufactory



- ✓ The headquarter of DEGSON group located in Cixi , Ningbo City
- ✓ The headquarter consists of R&D center, production center, and living center
- ✓ More than 3,000 employees
- ✓ Smart warehouse has been built in 2021
- ✓ Smart factory at High-Tech industry zoo will be put into use in 2024

DEGSON Global Production Base and R&D Center 2



Phase I Plant 8980m²



Phase 2 Plant 14387m²



Automatic Workshop



Injection Workshop



Manual Assembly Workshop

Vietnam Manufactories



Luoyang



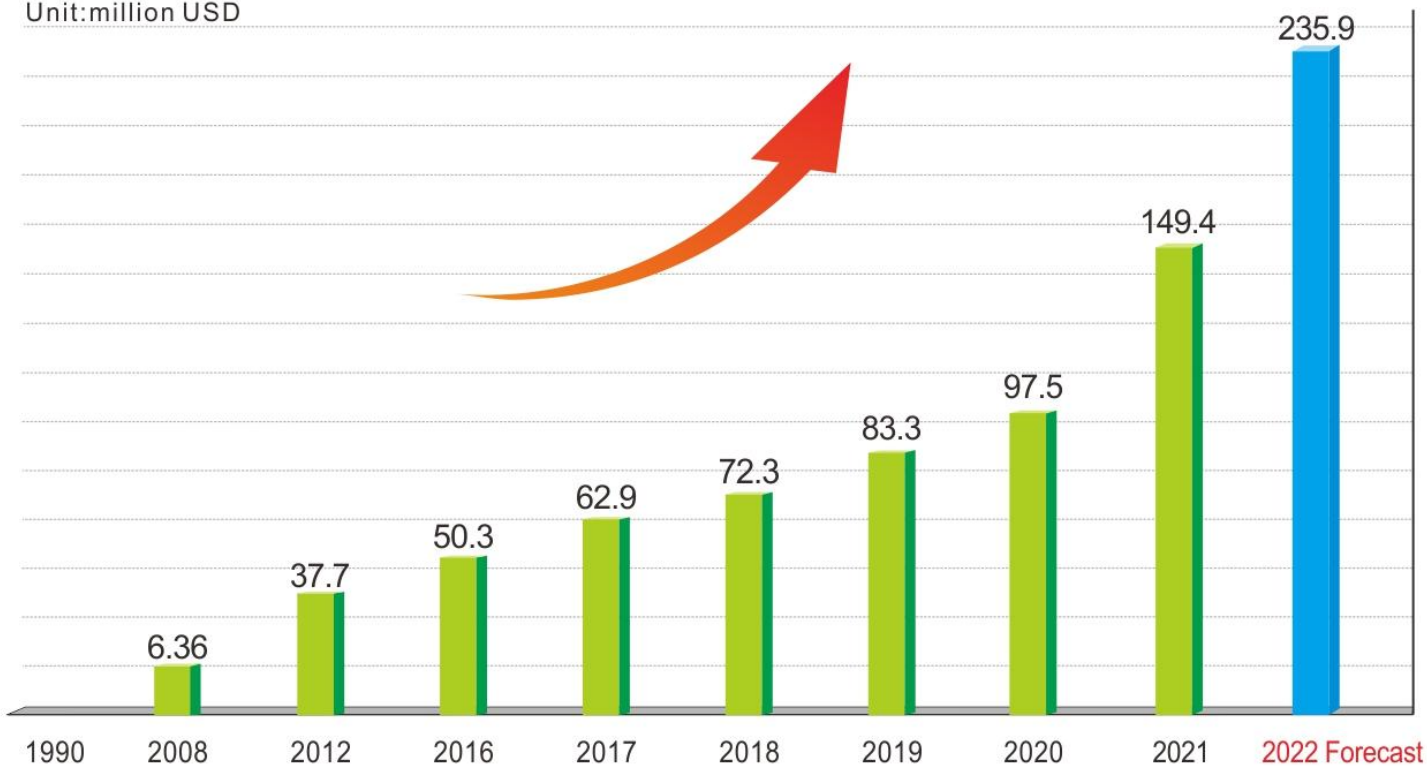
Nanjing

R&D Center

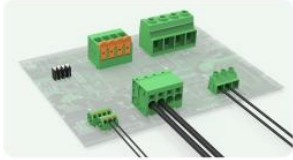
Sales Revenue



Unit: million USD

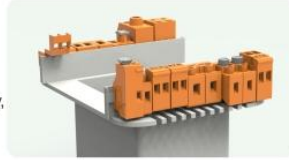


High-performance Device Connection Solution



PCB Terminal Blocks

Suitable for 0.08-35mm² conductor, screw or spring connection technology, installation can use wave soldering, reflow welding.



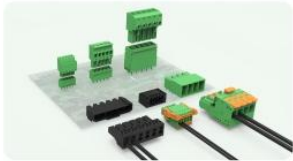
Transformer Terminal Blocks

Specially tailored for transformer devices, easy installation and firm screw connection.



Through-wall Terminal Blocks

Wire can easily pass through the housing panel to clamp together, tools free, thus realizing the electrical connection inside and outside the device.



Pluggable Connector

Suitable for 0.08-10mm² conductor, incoming wire direction, connection direction, insertion and pullout direction is optional.



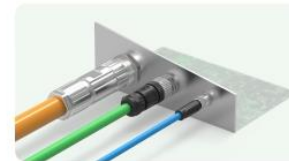
Energy Storage Connector

Products comply with UL4128, patent structure design, safe, fast, reliable.



Barrier Terminals

The connection of barrier terminal blocks is straightforward and can be used with different types of crimping terminal.



M Series Circular Connector

Suitable for data, signal and power transmission in automatic test and monitoring equipment. Multiple error-proof codes to effectively avoid wrong connection.



Metal Parts

Spring or screw connection is optional, rated current ranges from 15A to 269A, superior in durability, temperature performance.



EV Charger

Charging device for electric vehicles, convenient operation, safe and reliable.



Electronic Housing

Using high-quality insulation materials which is easy to install, and bus-connection between the housings is optional.

Field Connection Products Solutions - Circular Connector Series



On-site Assembly

M8, M2, M23, 7/8 connectors can be individually cabling in the field, particularly suitable for applications where the cable length cannot be specified in advance. Shielded metal enclosure version is optional.



Cable Overmould Series

The M series connecting cables meet the typical sensor/actuator requirements of the automation industry. In addition, applications such as power supply and data transmission can match the corresponding product series; LED versions, 360° shielding and various high-quality cables are worth looking forward to.



Field Device Connection-circular Connector



Splitter

With a splitter you can easily place branch. More flexibility is available due to the version with cable outlet. Female or male connectors are optional, which results in high variant, diversity. By connecting with junction box, the number of signals can be expanded.



Energy Storage Connector

Degson's new energy storage connector is designed to prevent mis-insertion and electric shock, with IP67 high protection level, waterproof and dustproof, and can be rotated 360° after insertion to meet the cabling needs of different customers, three wiring methods are optional.

Field Connection Products Solution—heavy Duty Series



DE/DA/DQ Standard Series

Industry universal interface, screw, spring or cold compression connection are optional, suitable for different applications.



Rectangular connectors are known for their advanced technology and high reliability, optimal performance and wide applicability, providing unparalleled advantages for electrical connections in harsh environments.



DD/DDD/DEE/DQ High Density Series

Single connector can be up to 108 pins, high density design, saves space and cost.



DK/DM Combination Series

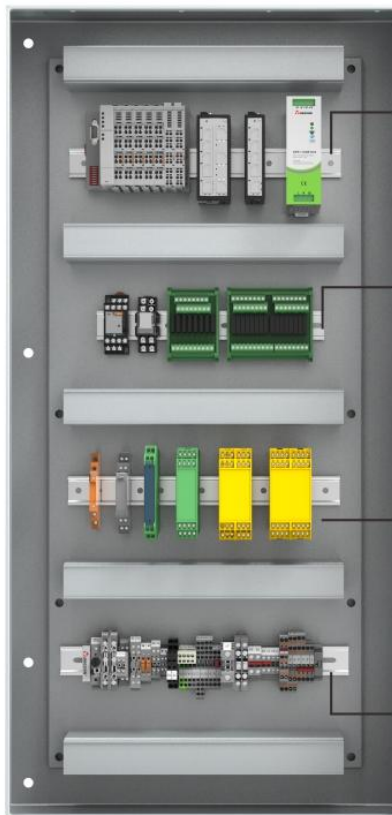
The power, signal and data wire etc. can be integrated into one connector, free combination, convenient and fast.



High Protection Level Series

Protection level IP67/68, with metal alloy enclosure, corrosion-resistant plastic sprayed coating, can withstand the harsh challenges of different applications.

Comprehensive In-cabinet Product Solutions



IO Module Series



Switch



DIN Rail Power Supply



Relay



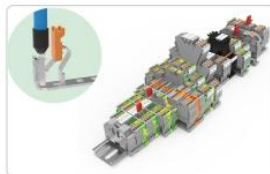
Relay Module Series



Interface Module



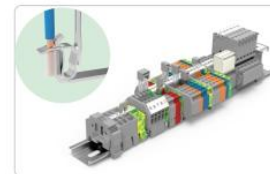
Isolator



Din-rail Series Including
DS Push-in Series



Screw Type Series



Spring Cage Series

Charging Solution For Electric Vehicles



 AC and DC EV Charging Cable



 AC EV Charging Cable



 AC EV Charging Cable



 GB/T DC Vehicle Socket(CN)



 Type 2 AC Socket-Outlet



E-BIKE Connection Solution



EBBH High Power
Battery Connector



EBBL Battery Interface
Circular Connector



EBC Charging Socket



EBBM Battery Interface
Circular Connector



EBBR Power Rectangular
Connector



EBBF Float Exchange
Battery Connector



EBM Emotor Connector



EBS Signal Connector
(2~6pins)



Professional Customization



► Value-added customization

- We provide different colors and logos to help you achieve personalized solutions.



Customized Wire Harness



Special Stamping



Printing Logo



Multiple Colors

► Innovation customization

- With our rich experience in R&D and manufacturing, we can help customers provide professional customized services from initial products conception to final product mass production.



Temperature Transmitter



High-speed Gold Finger



Inverter



Frequency Converter Housing

Product Certifications 1



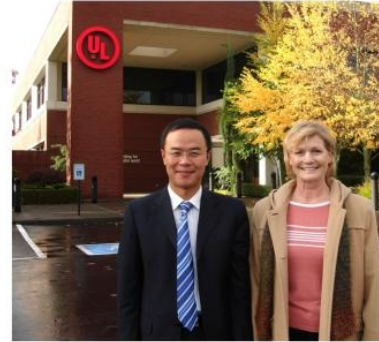
The First Professional Laboratory Approved by Both UL and VDE in Asia



VDE and CGC east China testing base project signing ceremony

- With advanced inspection apparatus ,All tests for connectors can be performed in DEGSON laboratory refer to UL1059, UL1977, UL2238, UL486E, IEC60998, IEC61984, IEC60947, GB13140, GB14048, CSA C22.2 No. 158 such as environment ,mechanical performance ,electrical performance ,material ,color etc.

Product Certifications 2



VDE

- The first VDE certificate was issued in 2003.
- In Nov. 2007, General manager of DEGSON visited VDE for the first time.
- VDE engineers visits DEGSON every year to do witness tests of products Since August 2007.
- In July 2010 "VDE APPROVED LABORATORY" certificate was formally awarded to DEGSON by VDE.
- In DEC. 2016 VDE- TDAP certificate was formally awarded to DEGSON by VDE.

UL

- The first UL certificate was issued in 2003.
- In October 2007, General manager of DEGSON visited UL for the first time.
- In May 2014 UL- WTDP certificate was formally awarded to DEGSON by UL.
- In April 2016 UL- CTDIP certificate was formally awarded to DEGSON by UL.

Product Certifications 3



More than 95% products are certified by VDE and UL.



VDE	175 certificates	More than 3000 types	UL	XCFR2/8.E228872 CVJV/7.E505087 CYJV2/8.E505087 ECBT2/8.E471407 FFV12/8.E505319 ZMVV/7.E302224	More than 4000 types
CQC	27 certificates	More than 140 types			
Management System	ISO9001,ISO14001,ISO80079-34,IATF 16949 IRIS ISO/TS22163		ATEX/IECEX	2 certificates	More than 100 types

Industry Application



Industrial Automation	36%
Instrument	11%
Electric Power	10%
New Energy	8%
Elevator	8%
Lighting	7%
Security	6%
Machinery	5%
Railway	4%
Power Supply	3%
Others	2%

Well-known Cooperative Enterprises:



Panasonic

SIEMENS



Rexroth
Bosch Group

EAT•N

ABB

INOVANCE

invtr



HITACHI



Honeywell

OSRAM

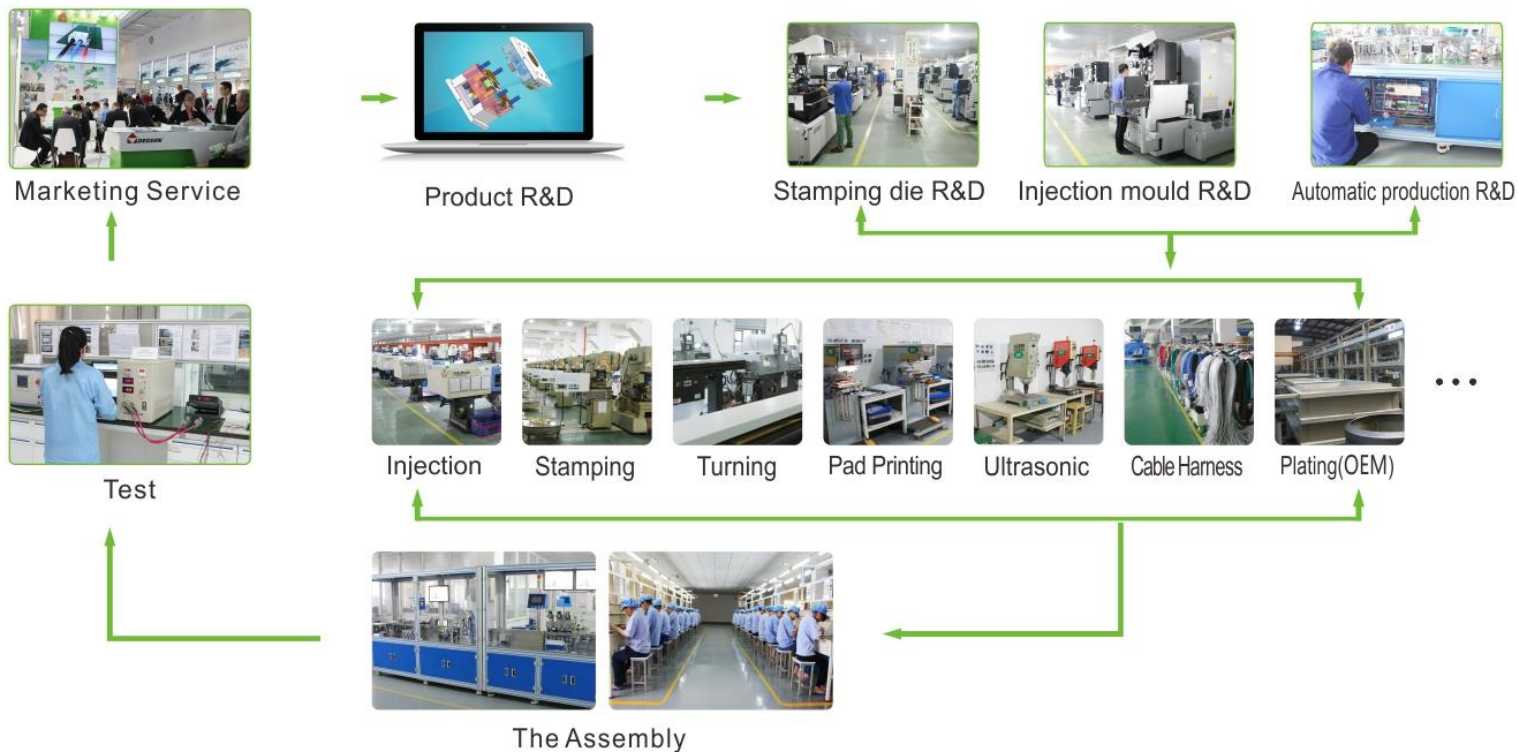
HIKVISION

PHILIPS



TOSHIBA

Integrated Service



- Creating Customer Value-Provide our global customers with professional convenient and complete connector solutions







Global Presence



DEGSON products are very popular more than 100 countries and areas.



• Customers: more than 3000

-  **Factory:**
Headquarters Manufactory,
Vietnam Manufactory
-  **R&D center:**
Headquarters, Luoyang,
Nanjing
-  **office :**
Shanghai, Beijing,
Shenzhen
-  **Branch office :**
Shanghai, Germany,
Singapore
-  **local service point :**
Canada, Thailand,
Philippines, Singapore,
Russia, Hong Kong
-  **Sales outlets :**
China, USA, Canada, Britain,
Singapore and other
countries

Product R&D and Innovation



National High-tech Enterprises Certificate



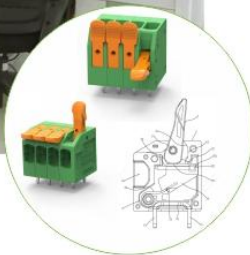
Chinese Utility Model Patent Certificate



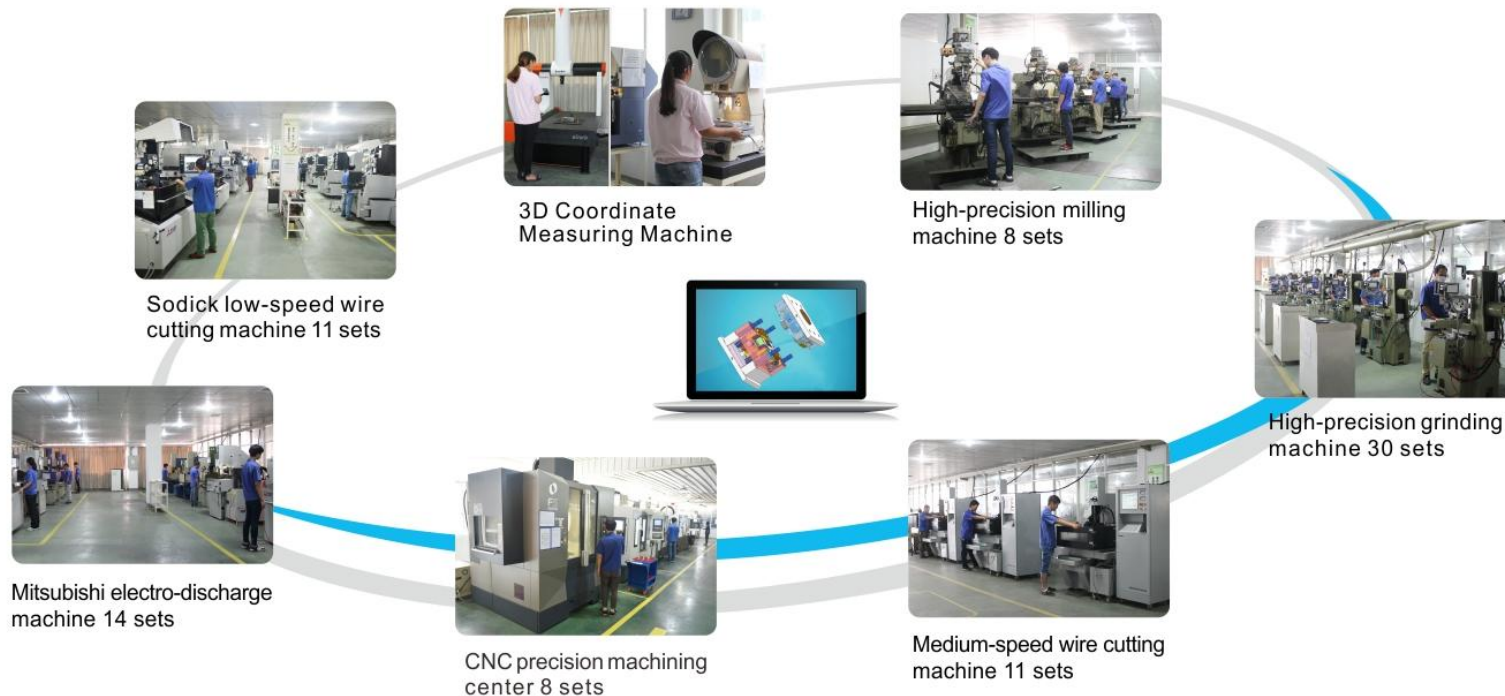
China, European Invention Patent Certificate

R&D staff more than 400

- 120 engineers for product design
- 45 engineers for mould design
- 45 engineers for automated design
- 190 engineers for engineering technology
- Totally 194 patents
- Four consecutive "national high-tech enterprises"
- Provincial level High-tech Enterprise R&D Center
- Ningbo Patents Model Enterprise



Tooling Process



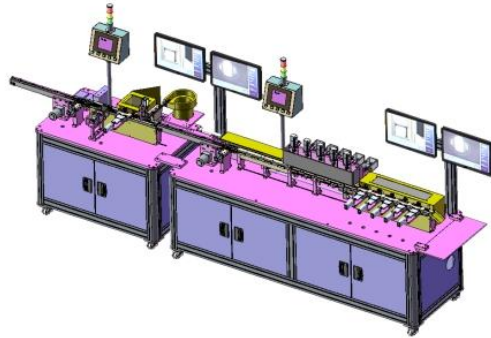
Germany tool software: PLANTOOL

Shorten tool-making time, Saving tool cost, guarantee quality.

Top tooling making machines in world

Japanese Sodick low speed wire cutting machine Japanese Mitsubishi EDM machine.

Automatic Production Machine Building



System Research&Design



Hardware



Software



- Automatic production system hardware and software R&D engineers: 45
- Independent research and design automatic system.

Injection Molding, Metal Stamping & Turning



Injection Molding Workshop



Stamping Workshop



Injection facility

210 sets of precise injection molding machines.

Stamping & Punching facility

45 sets of High-Precision stamping machines and 11 sets of automatic spring machines.

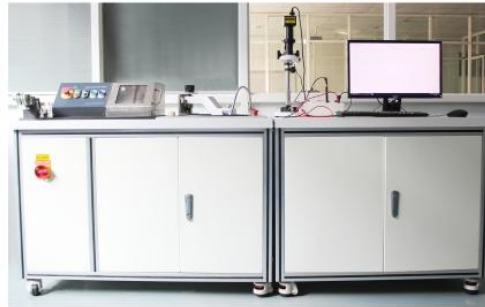
Moulds

More than 4500 sets of moulds with over 15000 kinds of product specifications.

Product Assembly



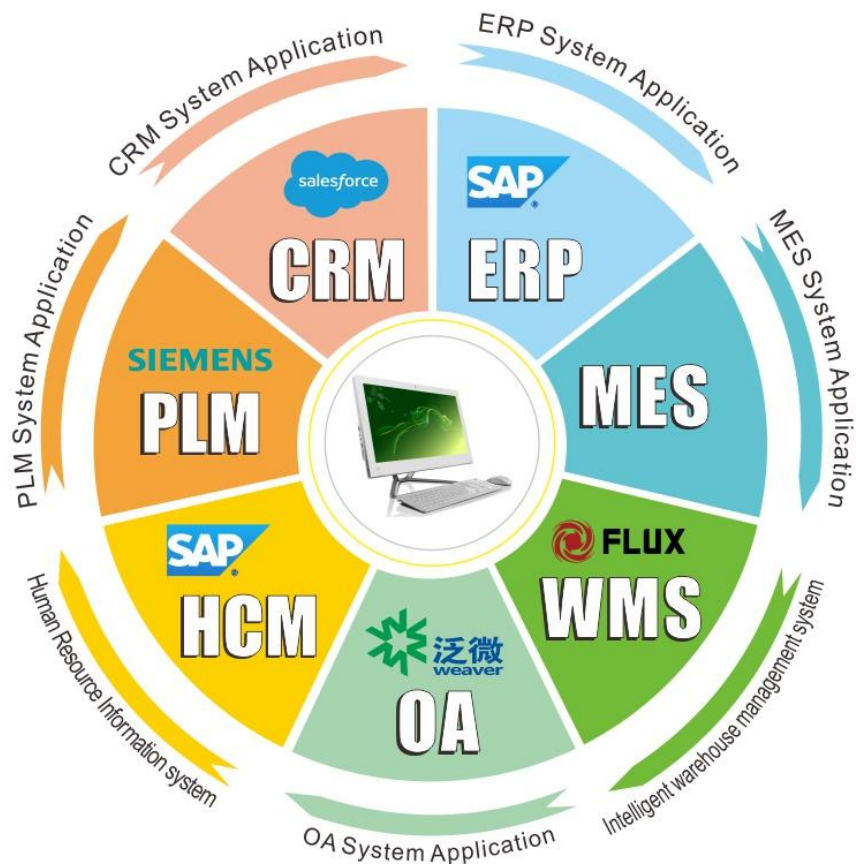
- 80% products produced by automatic assembly. Nearly 300 sets of equipments, improve product consistency, automatic detection, fast delivery.



- Manual assembly lines to meet customer diversified customized requirements.

- EV-Charger automatic assembly lines.

Enterprise Information Systems





Smart Connect Future

