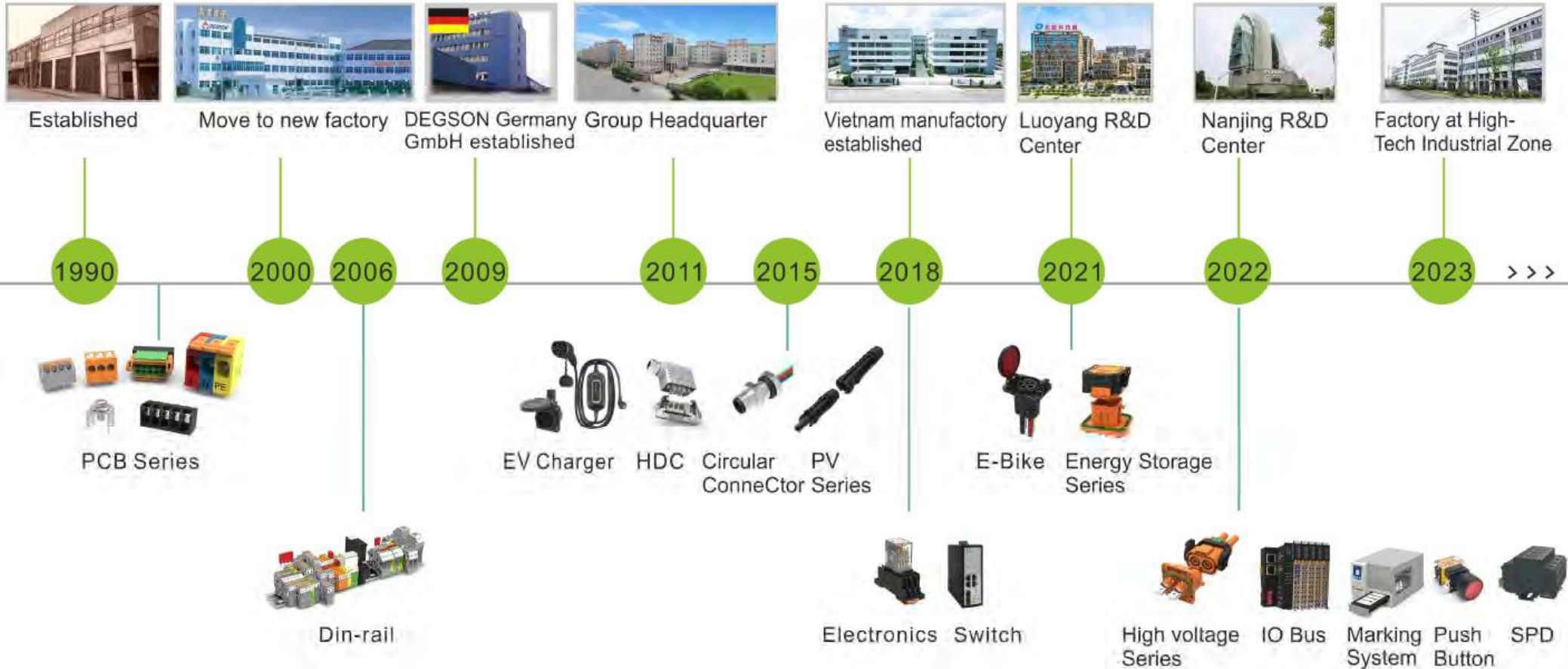




DG 202406EV01 ▲

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Company History



Global Manufactory



DEGSON Global Manufacturing Foot Print



China Headquarter



Vietnam site



High-tech zone site



333 site



Intelligent warehouse



Cixing site



Global Manufactory

DEGSON R&D Competitiveness Center



Luoyang



Nanjing



Headquarter

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Sales Revenue



Strategy Leads to Rapid Progress

Unit: MM \$

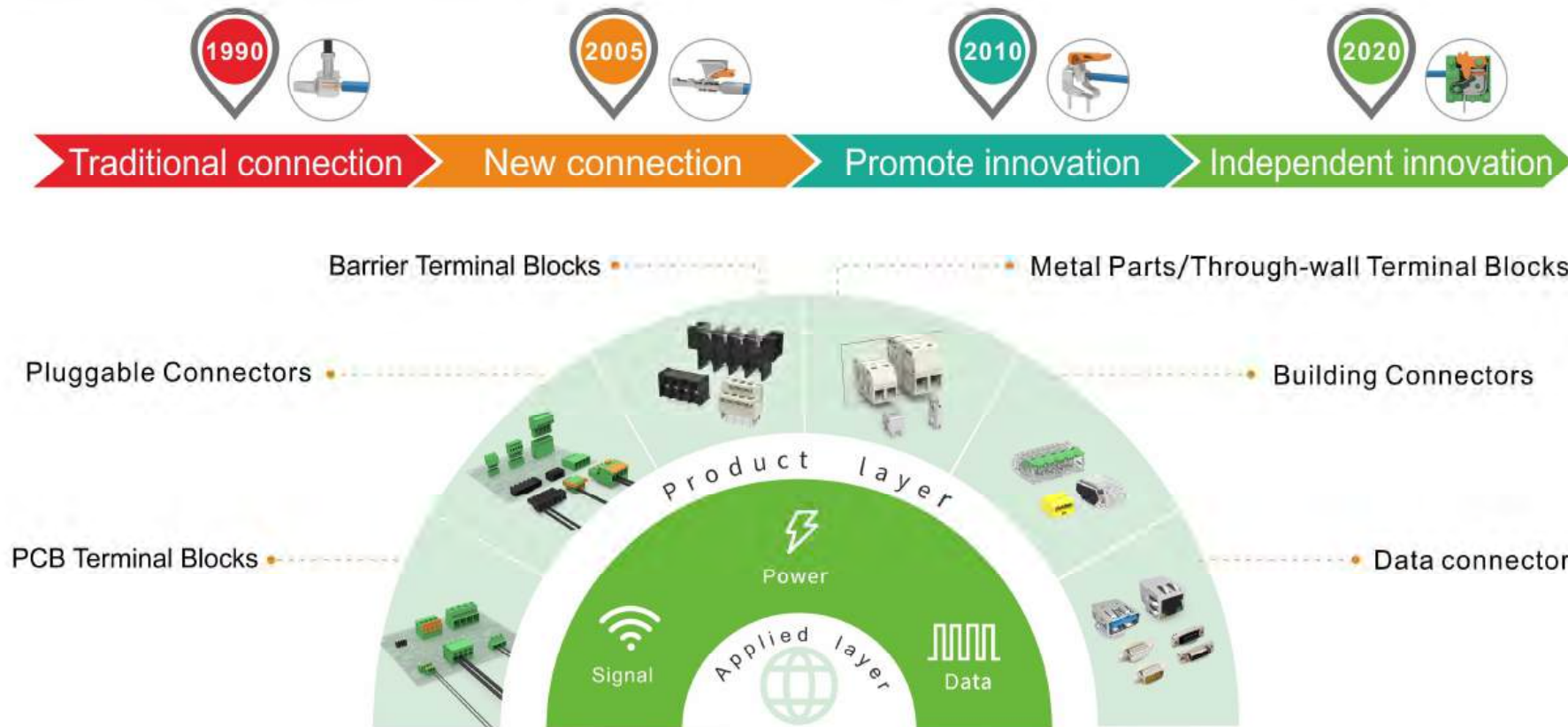


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Device Connection Technology

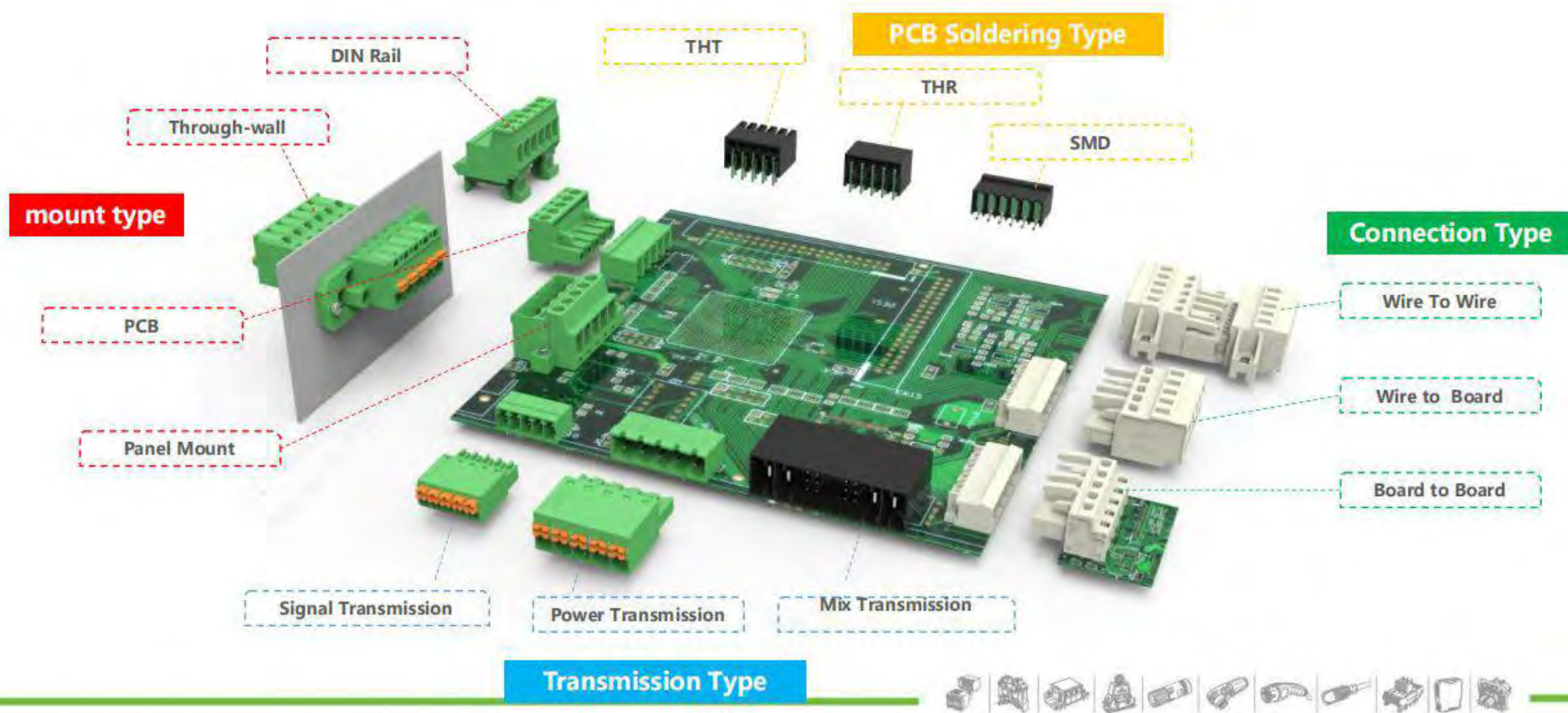


- ✓ Fixed, barrier, pluggable, and through wall connectors for internal and external connection of devices.
- ✓ Screw and innovative spring connection technology, providing signal, data and power transmission solutions for various application environments.





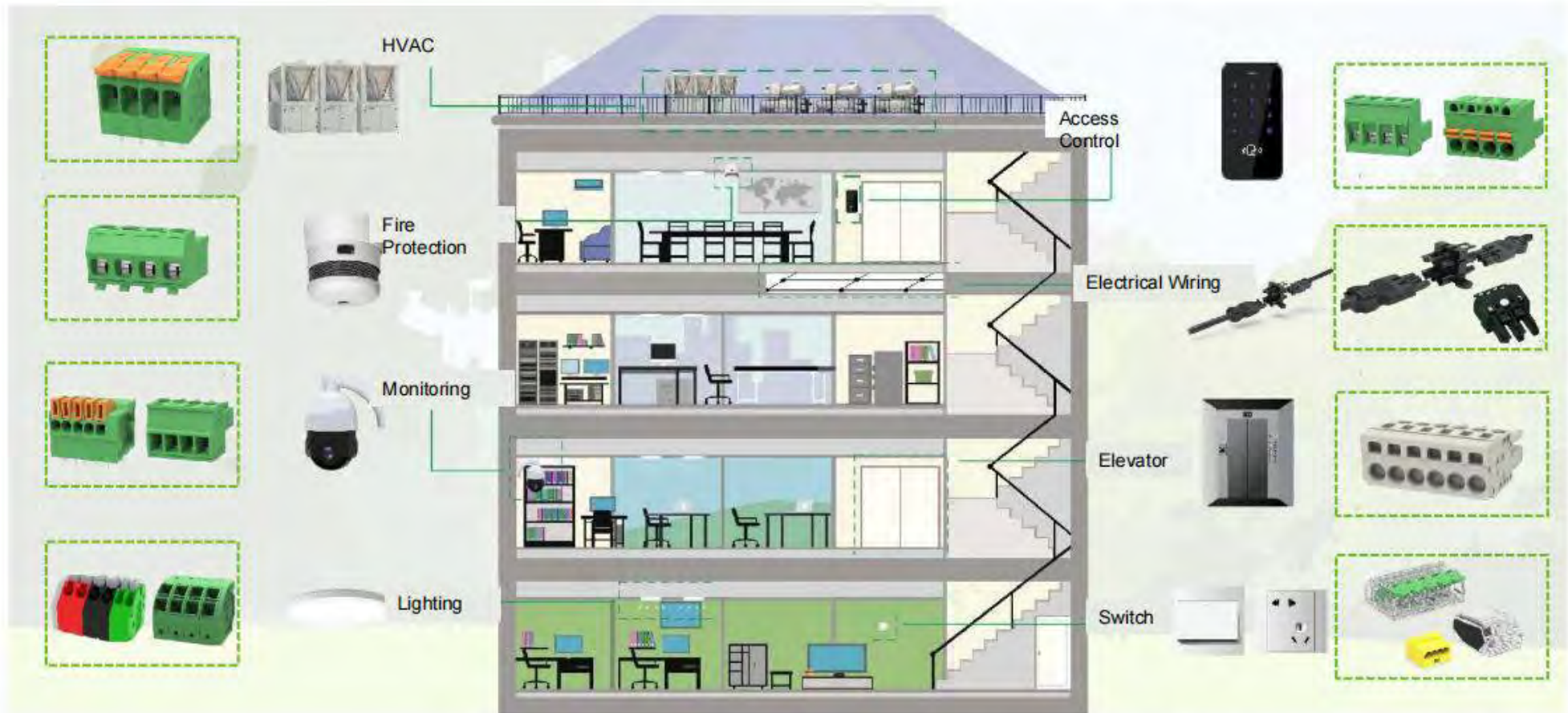
DC Overview of product application scenarios





DC Industry Solutions

Smart Building Connection Solutions

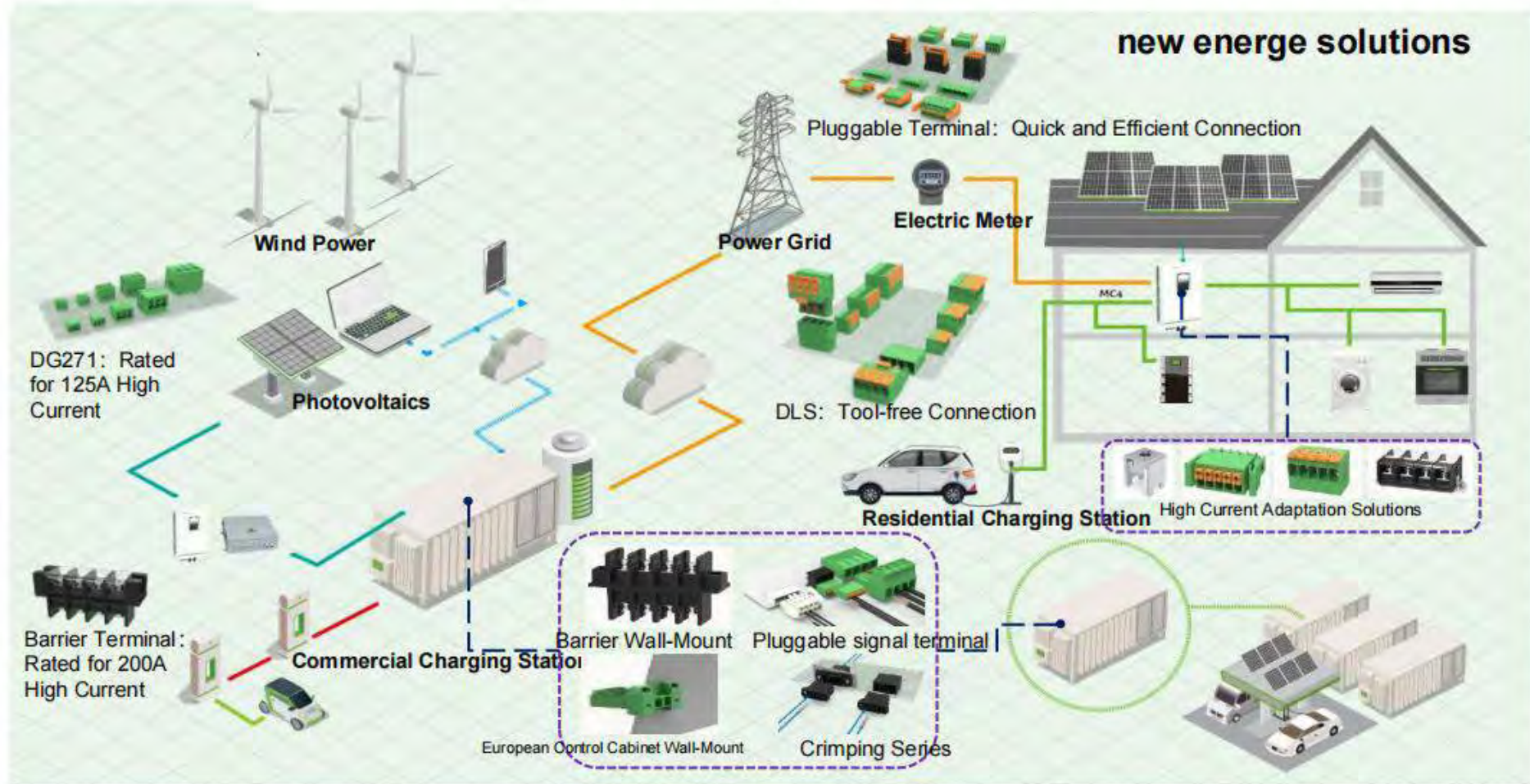


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DEGSON
DC Industry Solutions

Renewable Energy Connection Solutions

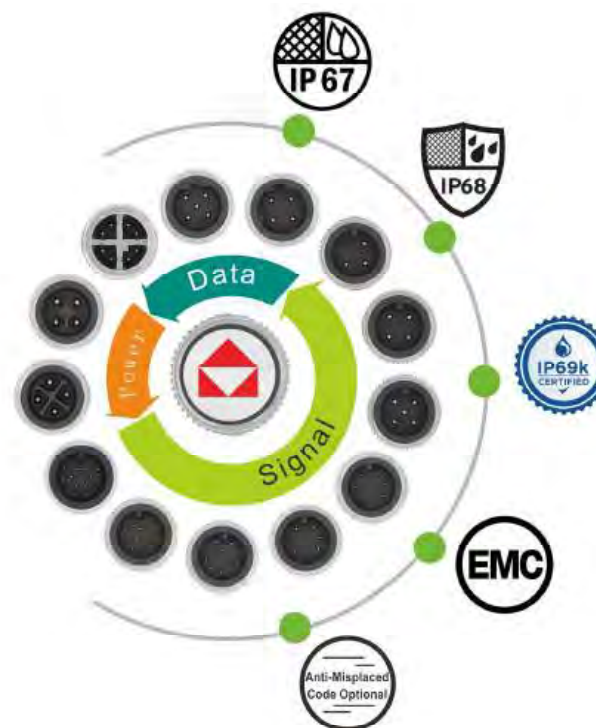
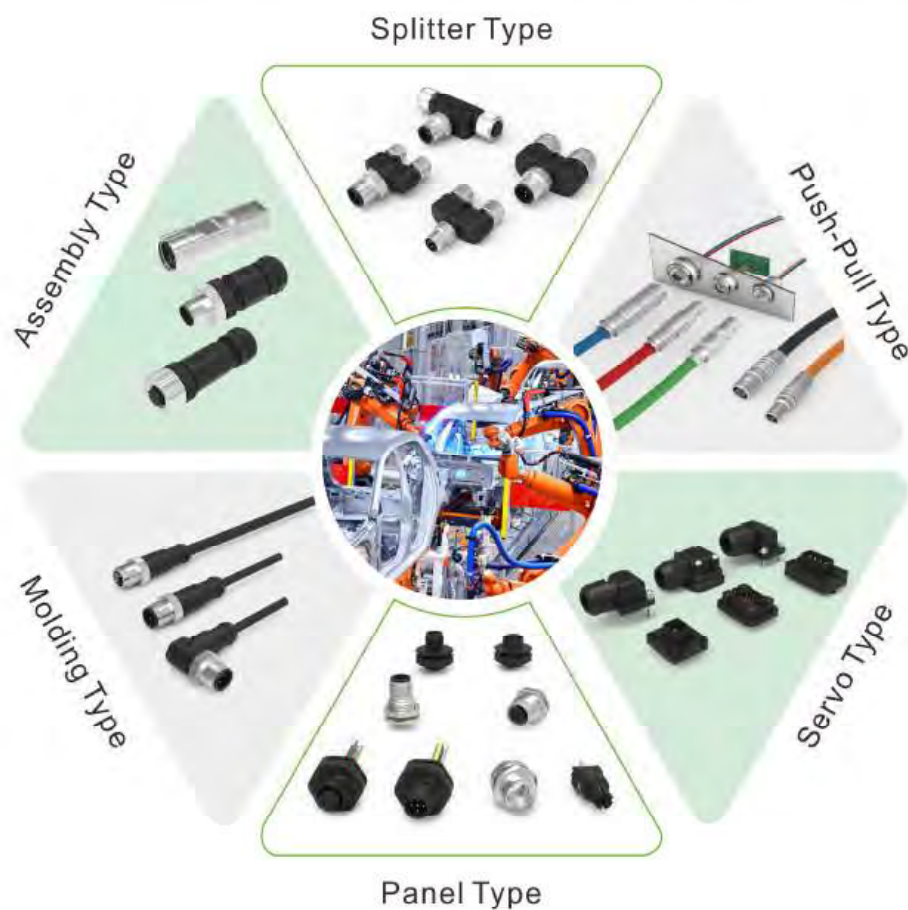


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Field Connection Products Solutions - Circular Connector Series



- ✓ Variety of wiring options for complex industrial wiring environments



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Circular Connector —M5,M8,M12

application	recommendation	application	recommendation
 Laser cutting machine	 M12 Series	 High protection IO	 M12/ 7/8"
 Forklift sensor	 M8 Series	 High protection IO	 M12 Modular plug
 Conveyor motor	 7/8Motor connector	 Centralized photovoltaic inverter	 Distributor



M23-M40-Robot and servo connector

Small motor connector



7/8Connector



M23 Series



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.



DD/DDD/DEE/DQ High Density Series

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



Excellent products performance and wide applicability.
Electrical connections in harsh environments.



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.



ICE-Inside Cabinet Component Electronics

Heavy Duty Connector



Inserts
9 Series
More than 200 types

Housings
10 Series
More than 800 types

Contacts
Various platings
Various current rating
More than 300 types

Accessories
More than 200 types
Various cable glands
Coding pin and tools

Target Industries



Standard Product Business & Support Customized Product Business



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Industrial Cabinet Connectivity & Industrial Electronics (ICE)



Railway & Metro

Telecom

Wind

Power & Energy

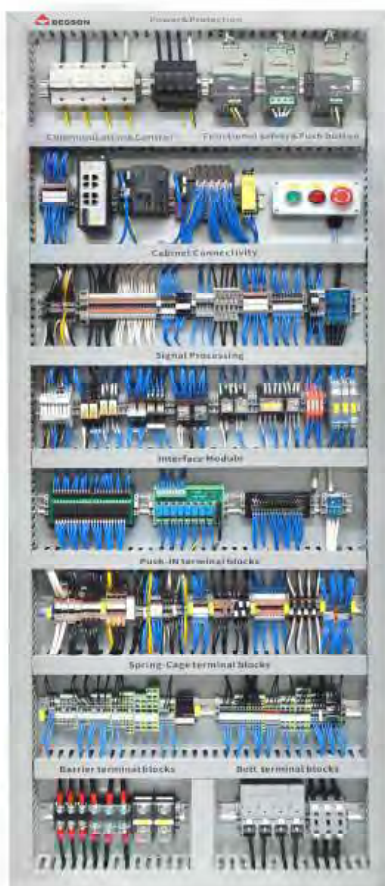
Solar

Machinery

Petrochemical

Oil & Gas

Environmental



Cabinet Solutions & Customization

Push-IN Connectivity

Function Zone

Control

Transmitting

Supplying

Protecting



Connecting

Switching

Isolating

Safety

Marking System & Marking Service Centre



10-15 Marking centers established in China
Developing global partners in 2024!

Installation & Accessories System

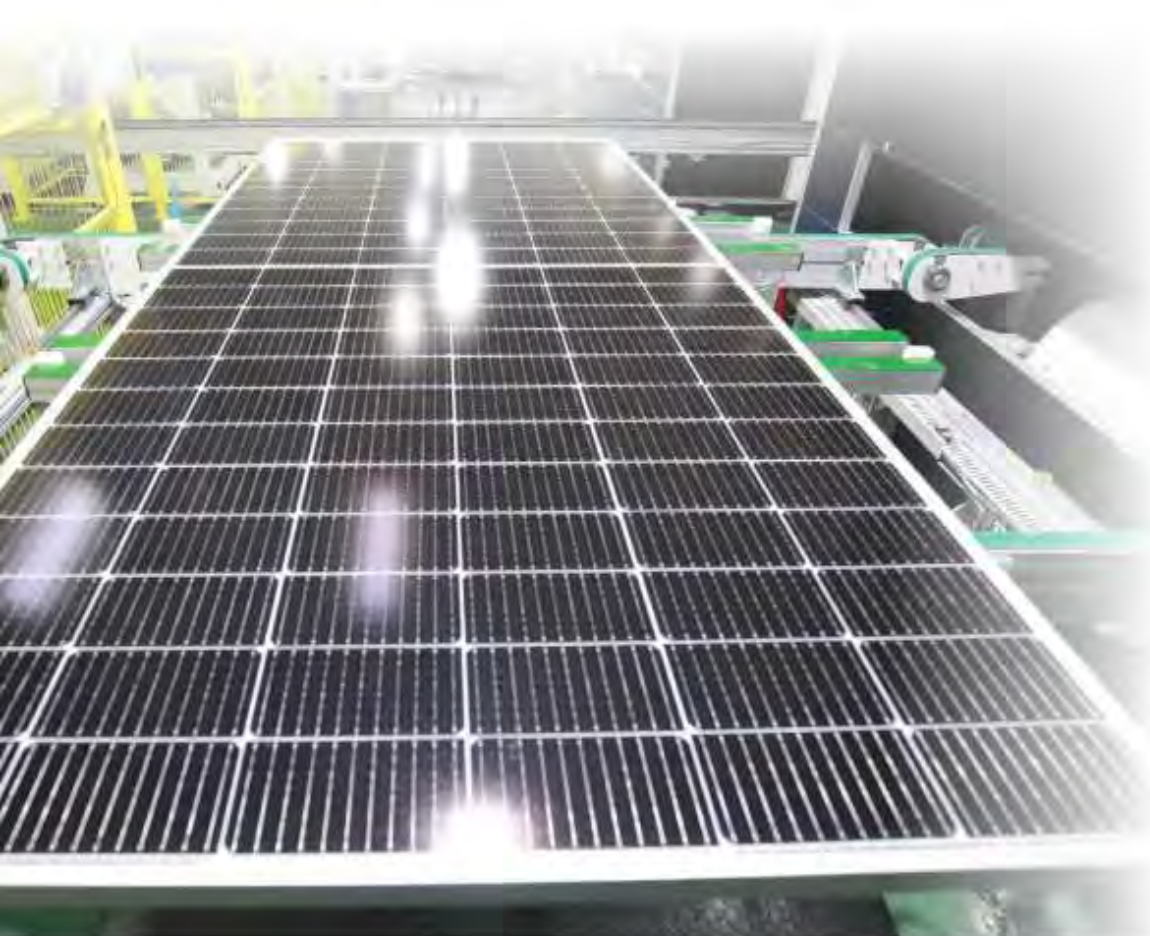


Assembles, tools, pre-made, customized solutions.

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Successful Cases

Photovoltaic Equipment Industry



Photovoltaic Equipment Application Products



DS Series Terminal Block/Relay/DF Series IO Module

TO

2024 Forecast: **1.5M \$**

Customer Benefits

DS Terminal: Efficient wiring, maintenance-free, complete certification

Relay: Ultra-thin design, saving on-site cabinet space

DF Series IO: Compact space, blade design

Competitors

Phoenix, Schneider, Siemens

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ICE Successful Cases

Warehousing and Logistics Industry



Warehousing and logistics integrator

Application Products



DS Series Terminal Block/Relay/DF Series IO
Module/Junction Box

TO

2024 Forecast: **15K \$**

Customer Benefits

DS terminal: efficient wiring, no tools required, high shock
resistance

Relay: ultra-thin relay, space-saving, supports direct plug-in
technology

DF IO: compact space, fast acquisition of field signals

Distribution box: high protection level, suitable for field
applications of logistics equipment

Competitors

Phoenix, Siemens, Gino

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ICE Successful Cases

Semiconductor Equipment Industry- Backend Packaging Lithography Equipment

Lithography Equipment Manufacturers

Application Products



DS Series Terminal Block/Filter/Relay/Heavy Duty DM Series
TO

2024 Forecast: **15K \$**

Customer Benefits

DS terminal: save space, plug-in self-locking, save labor and
maintenance-free

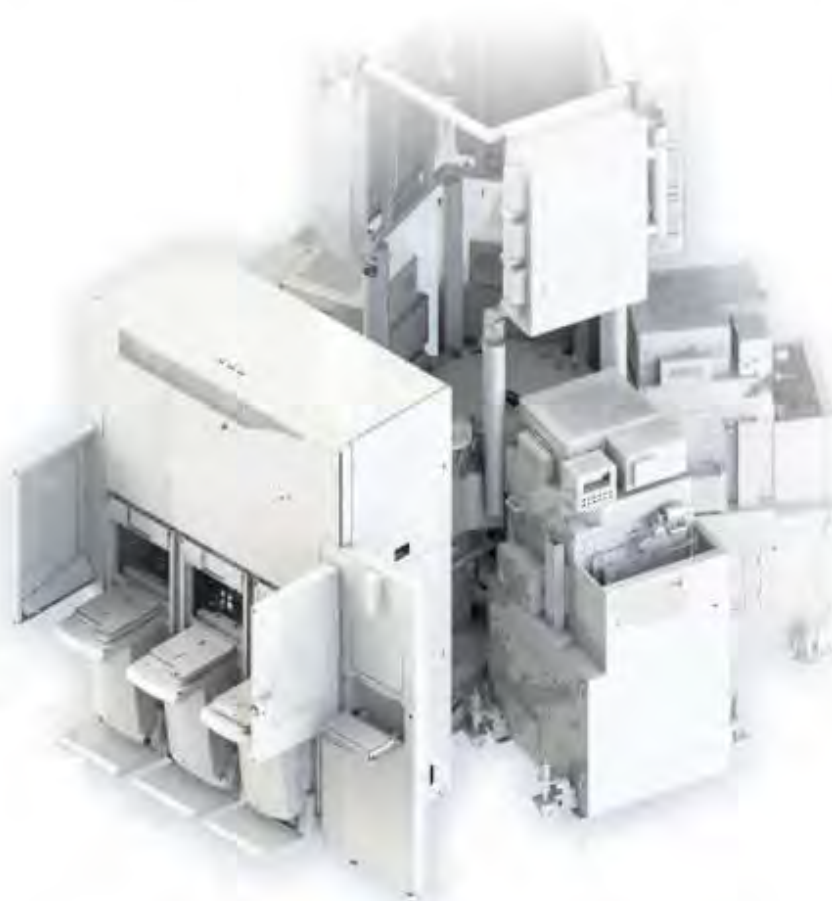
Filter: low leakage current, good filtering effect

Relay: ultra-thin design, plug-in wiring technology, efficient and reliable

DM heavy load: high protection connection between cavity and control
cabinet

Competitors

PxC, OMRON, WAGO, Schneider, HARTING



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ICE Successful Cases

Power Industry



Application Products



DS Series DIN-rail Terminal Block

TO

2024 Forecast: **300K \$**

Customer Benefits

DS Series : Efficient wiring, no tools required, high vibration resistance

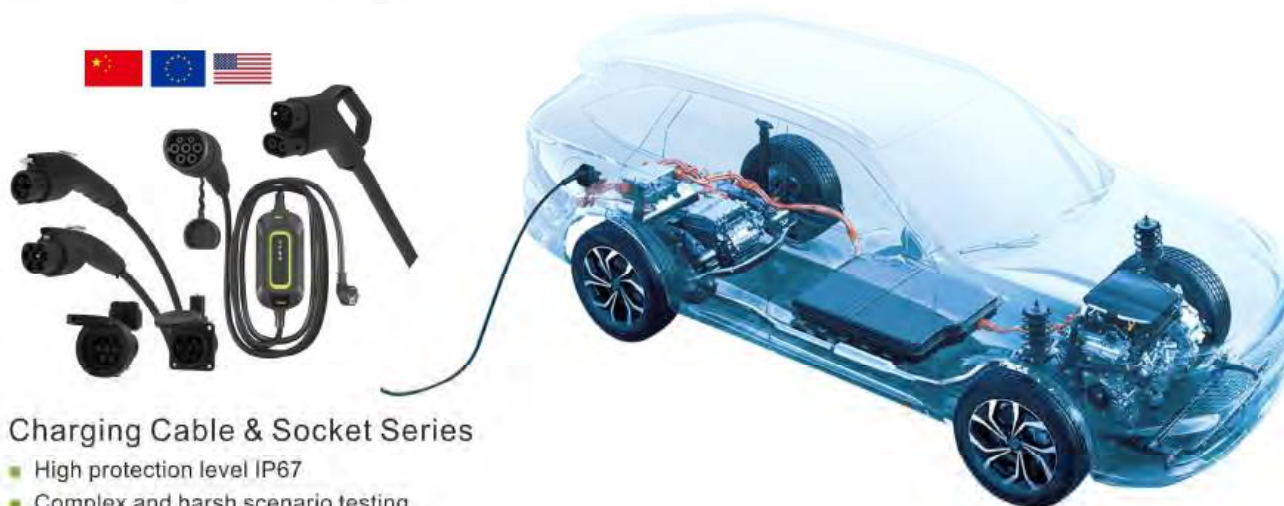
Competitors

PHOENIX

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Renewable Energy Connection Solution



Charging Cable & Socket Series

- High protection level IP67
 - Complex and harsh scenario testing
 - Suitable for the human hand and easy to grasp
- High Voltage Connector



High voltage connector series

- High protection level IP67, IP6K, IP69K
- High shielding performance
- Miniaturization and lightweight



E-Mobility Series

- High protection level IP67
- Miniaturization and lightweight
- Automotive-grade standard testing



1.Product Portfolio

EV Sol uti on	 SAE J1772	 IEC 62196-2	 GB/T	 NACS
	 Mode 2 Charging Connector 40A	 Mode 2 Charging Connector 8A 10A 13A 16A 32A	 Mode 2 Charging Connector 8A 10A 13A 16A 32A	 Vehicle Charging Inlet 16A 32A 40A 48A 65A 80A
	 Type1 to type2 16A 32A	 Type2 to Type2 16A 32A	 DC Vehicle Charging Inlet 125A 250A	
			 AC Vehicle Charging Inlet 16A 32A	

Charg ing Pile Solu tion	 SAE J1772	 IEC 62196-2 CCS2	 GB/T	 NACS
	 AC Charging Connector 16A 32A 40A 50A 65A 80A	 AC Charging Connector 16A 32A DC Charging Connector 40A 65A 80A 100A 150A 250A 350A	 AC Charging Connector 16A 32A DC Charging Connector 125A 200A 250A	 NACS AC Charging Connector 16A 32A 40A 48A 65A 80A
	 AC Connector Holder	 AC Socket Outlet 16A 32A	 AC Socket Outlet 16A 32A	 Adaptor Type 1 AC to NACS  NACS to Type 1 AC
		 AC DC Connector Holder	 AC DC Connector Holder	 CCS1 DC to NACS

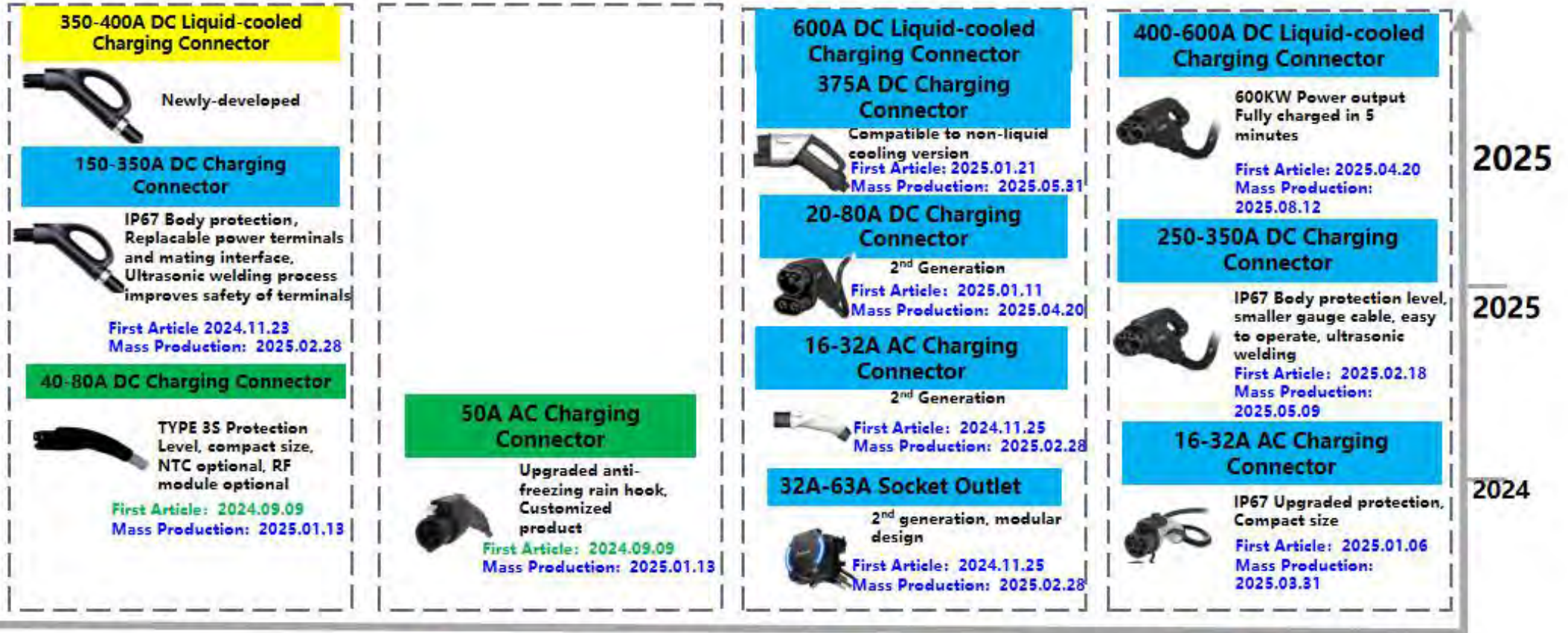


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2. Roadmap

■ Molds Prepared ■ Developing ■ Planning



NACS

SAE J1772

CCS2

GB/T



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Cooperative Customers - Electric vehicle manufacturers



Cooperative Customers - EV charger manufacturers



Industrial Field Connection Energy Storage Industry Solutions



Low Protection-Terminal Post

IP20 protection, used for battery equipment and cable connections with low protection requirements



MSD

For energy storage systems. When maintaining energy storage systems, disconnecting this switch quickly separates the connection to the high voltage circuit and protects personnel



High Protection—Quick-Plug Connectors

Used in battery equipment. TouchProof, Poka-yoke installation, IP67 waterproof and dustproof, plug can be rotated out of the wire



RJ/12 core communication connector

Supports data communication between energy storage devices IP67 high protection, supports data communication between energy storage BMS, BMS to PCS, PCS to EMS various devices

Storage Battery Applications



Single core high current
-50A~400A,1500V
-UL4128 TUV



Manual maintenance switch MSD
-250A,1500V
-UL4128 TUV



Multi-core communication connectors
-8, 12, 24pin
-UL4128 TUV

RJ45
-Through-wall cover design -
single and double head customization



Serial and parallel power harness -Customized length according to customer's requirements -
Perfect conductivity and waterproof test flexible copper row high protection soft connector



Professional Customization



Value-added customization

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



Customized Wire Harness



Customized Metal parts



Printing Markers



Value-Added Service

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.



Photovoltaic Connectors



High-Speed Gold Finger



Inverter



E-Mobility

Product Certifications 1



UL-CTDP (USA), VDE-TDAP (Germany) and CNAS Approved laboratories

DEGSON Laboratory Center has a full set of test equipment involved in international, national and industry standards for industrial connectors



VDE and CGC east China testing base project signing ceremony



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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. Updated every 3 years.
- Cooperation continuing.

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- CTDTP certificate was formally awarded to DEGSON by UL. Updated once a year.
- Cooperation continuing.

Product Certifications 3



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



VDE	178 certificates	More than 3000 types	UL	XCFR2/8.E228872 CVJV/7.E505087 CYJV2/8.E505087 ECBT2/8.E471407 FFVI2/8.E505319 ZMVV/7.E302224	More than 4000 types
CQC	27 certificates	More than 140 types			
Management System	ISO9001,ISO14001,ISO45001,ISO80079-34, IATF16949, IRIS ISO/TS22163		ATEX/IECEx	2 certificates	More than 100 types

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Product R&D and Innovation



High-tech, "little giant" Enterprise
Honorary Certificate



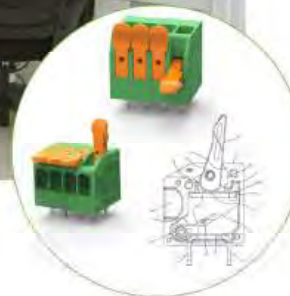
Chinese Utility Model Patent Certificate



China, European Invention Patent Certificate

R&D staff more than 400

- 160 engineers for product design
- 45 engineers for mould design
- 45 engineers for automated design
- 190 engineers for engineering technology
- Totally 281 patents
- Awarded "National High-tech Enterprise" for four consecutive years
- National-level Specialized, Refinement, Differential, Innovation and little giant enterprise
- Provincial level high-tech enterprise R&D center
- Ningbo patents model enterprise



Team With Global Customers To Build Industrial Ecosystem



Industrial Automation

Control
&
Execution
.....

SIEMENS

Danfoss

Rexroth
Bosch Group

MITSUBISHI
ELECTRIC
Changes for the Better

中控 · SUPCON

Panasonic

DELTA 台达

INOVANCE

invt

TURCK

MURR
ELEKTRONIK



Power

Primary side equipment
Secondary side
protection equipmen
Distribution automation
.....

ABB

四方

NARI

Team With Global Customers To Build Industrial Ecosystem



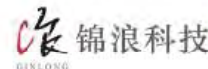
Transportation

High speed train
MEU
Metro
Ebike
EV
.....



New Energy

Wind
Photovoltaic
ESS
.....



Team With Global Customers To Build Industrial Ecosystem



Machinery

Light machinery
Heavy machinery
Special machinery
.....



Building

Lighting
Security
HVAC
Smart Home
.....



Global Presence



DEGSON products have been popular in more than 100 countries and regions around the world



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DEGSON Global Exhibitions

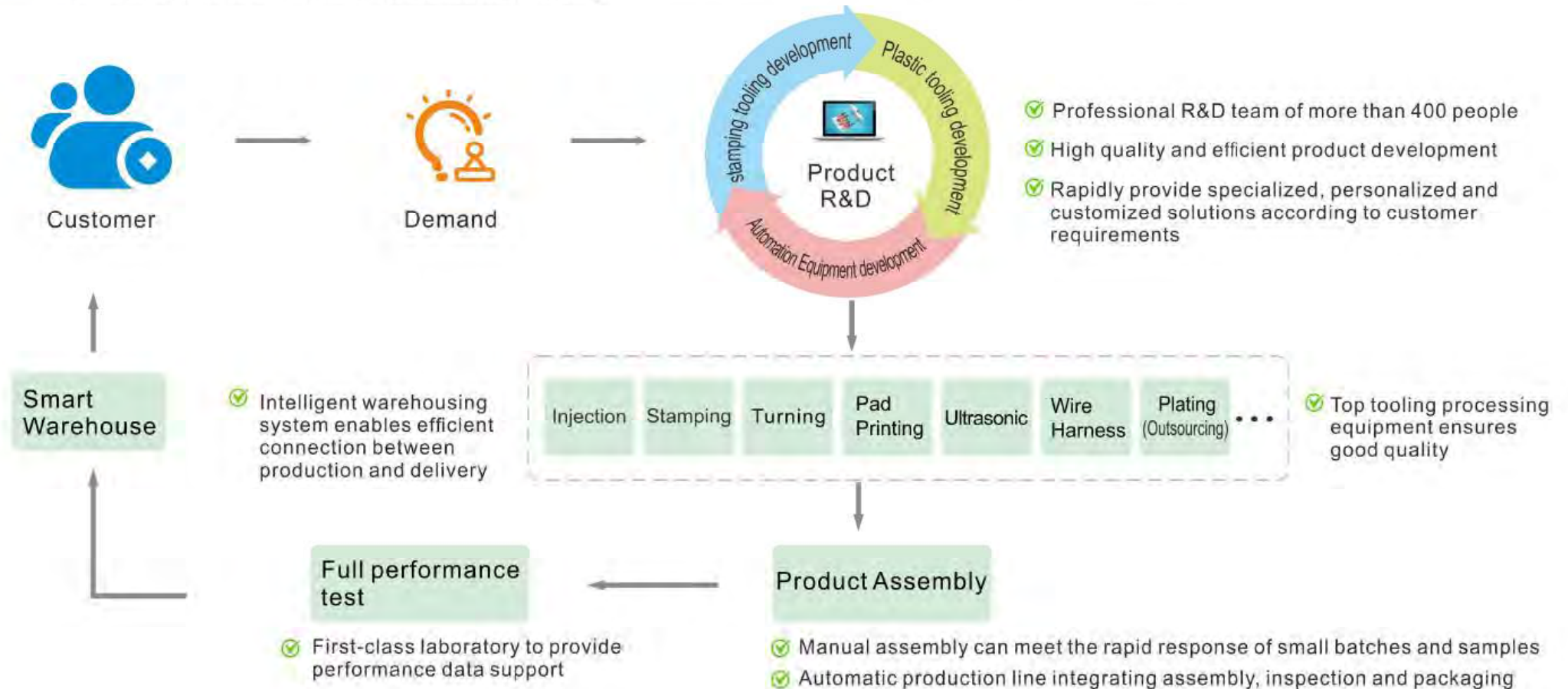


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Integrated Service



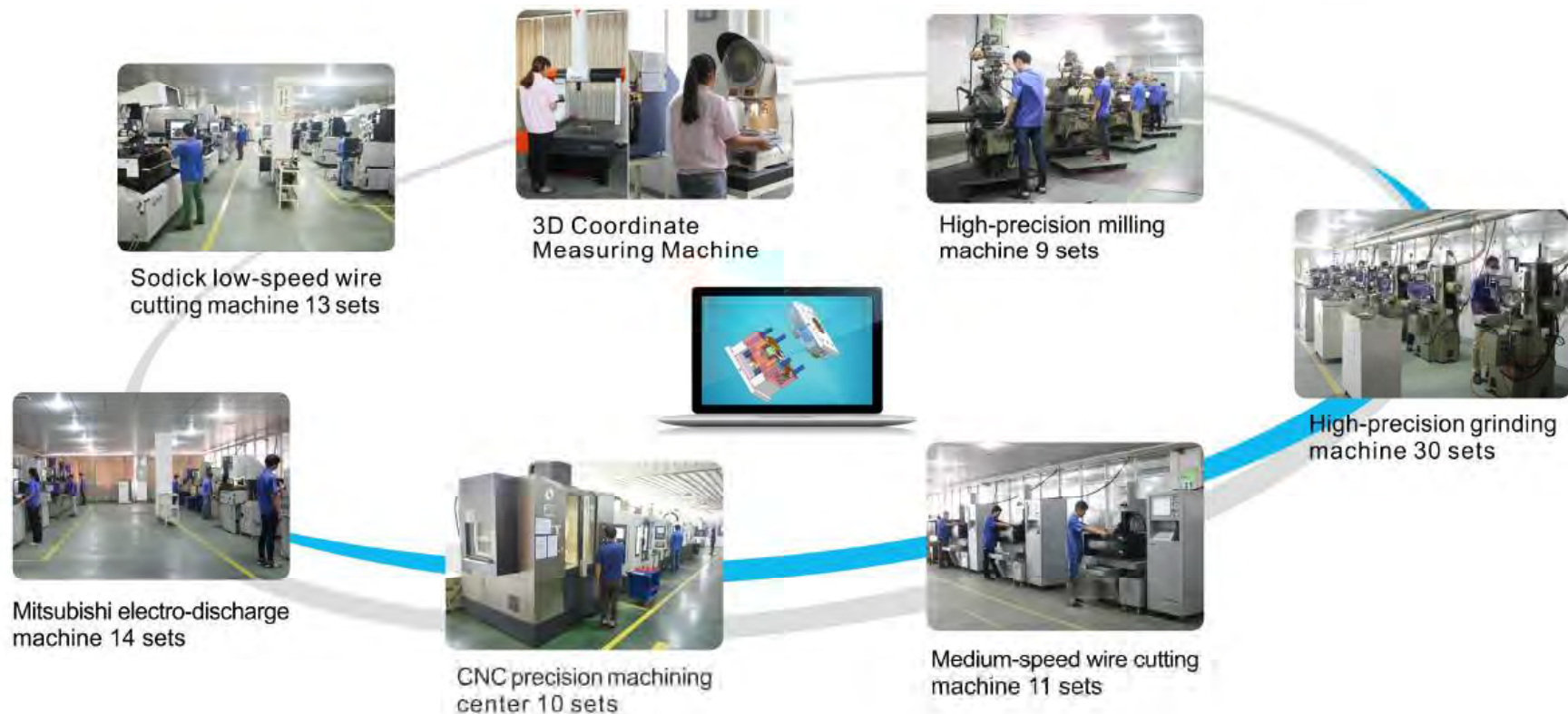
- ✓ To provide global customers with professional and comprehensive connection solutions, and help them to create value continuously.



Tooling Process



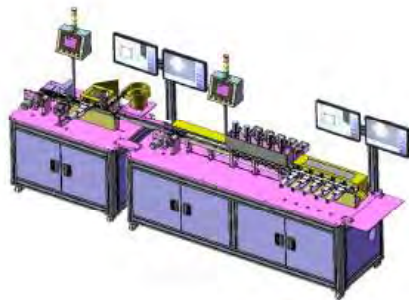
- ✓ The German mold software PLANTOOL effectively controls the mold opening cycle and accurately monitors the status of each node
- ✓ Product precision reaches $\pm 0.002\text{mm}$, annual output of 600+ moulds, delivery time 10 to 18 days



Automatic Production



- ✓ CCD intelligent detection, stable quality and improved production efficiency
- ✓ Technical software and hardware development engineers 45 people, who independently develop automation equipment.



System R&D (3D)



Hardware
assembly



Software
debugging



Trial
production



Put into use

Injection Molding, Metal Stamping & Turning



- ✓ Various parts independent production capacity, stable quality
- ✓ A variety of models of production equipment to meet customers' multi-precision and multi-specification requirements



Injection Molding Workshop



Stamping Workshop



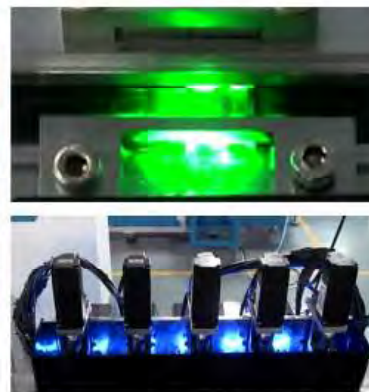
Turning Workshop



Product Assembly



- ✔ 90% of the universal products are automated in production, and 60% of commonly used items have established sufficient safety stock.



- 80% products produced by automatic assembly. More than nearly 400 sets of equipments, improve product consistency, automatic detection, fast delivery.



- Manual assembly lines to meet customer diversified customized requirements.

- EV-Charger automatic assembly lines.



Factory
Video.mp4

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Digitalization



- ✓ Enable end-to-end supply chain collaboration from customers to R&D and production delivery.
- ✓ Improve the operation and management level of the enterprise.
- ✓ Realizing digital transformation of enterprises, empowering enterprises and becoming a booster for business development

CRM (Customer Relationship Management)

Assist the enterprise to establish a fast and good interaction relationship with customers, so as to improve management efficiency and provide customers with better and faster services

PLM (Product Lifecycle Management)

Siemens PLM product lifecycle management platform supports integrated information management throughout the product lifecycle through collaborative design and development.

HCM (Human Capital Management)

Create the company's HR digital platform and effectively use digital tools to achieve the digital transformation of human resources.

ERP (Enterprise Resource Planning) :

It has improved the overall operation and management level of the enterprise and effectively managed people and property.

MES (Manufacturing Execution System) :

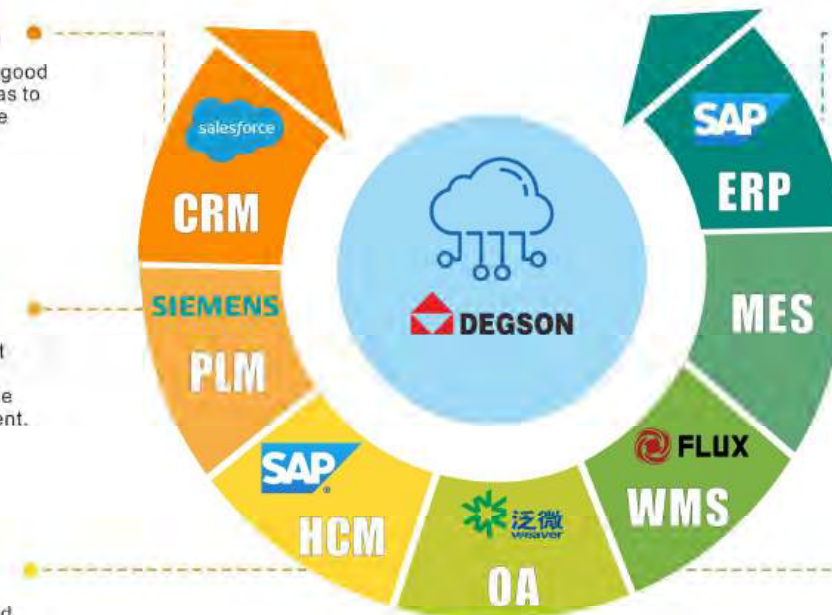
The basic information system of intelligent manufacturing provides powerful support and means for intelligent manufacturing, while achieving the management efficiency of lean production

WMS (Warehouse Management System)

Realize the management system for inbound and outbound business, warehouse transfer business, inventory counting and other businesses, and combine with intelligent logistics AGV to achieve an intelligent enterprise logistics management platform to improve the efficiency of product supply

OA (Office Automation)

Office automation effectively enhances the effect of work collaboration and improves the efficiency of mobile office





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