



INVT Group

www.invt.com





invt 英威腾

About INVT

- Corporate Culture
- Milestones
- Business Scale
- Honors and Certificates



PART 01



Culture



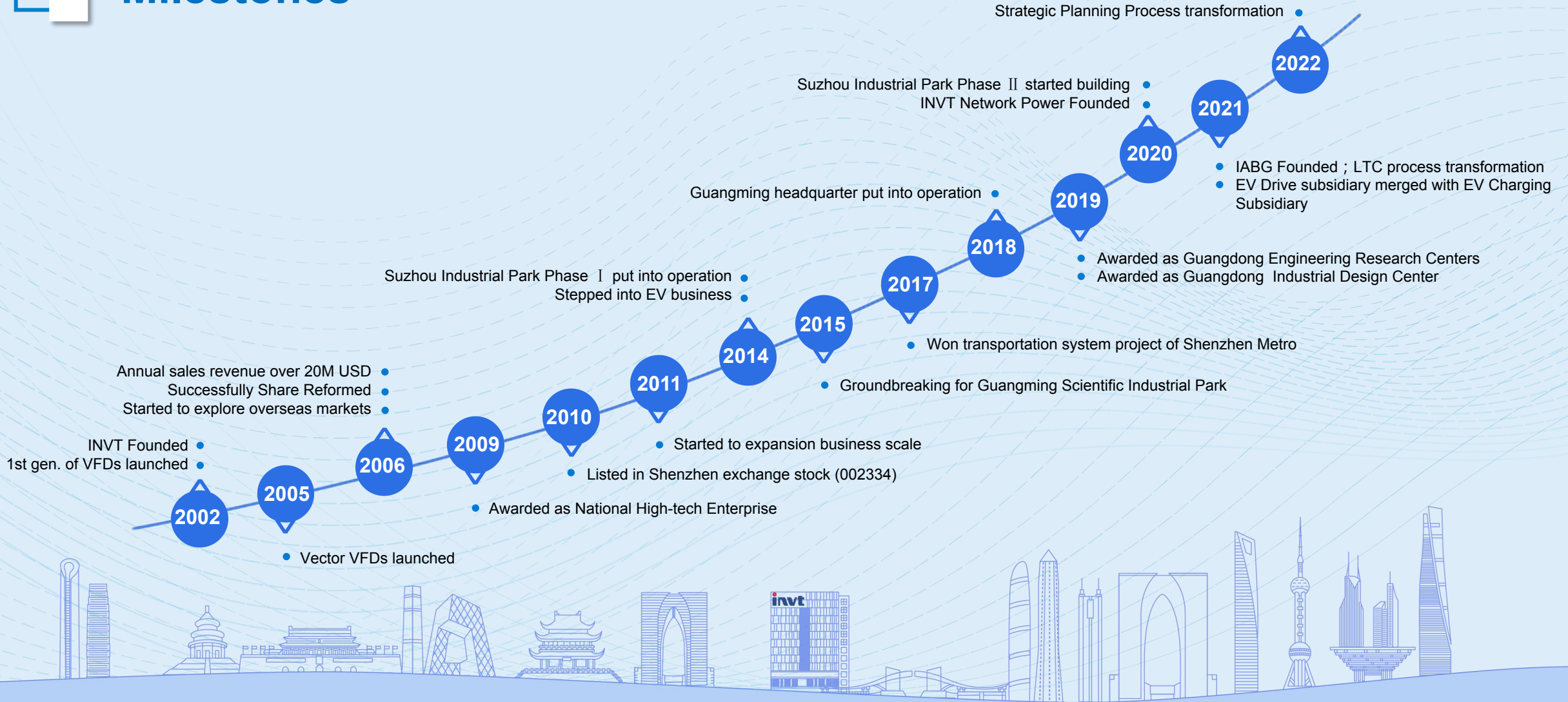
Vision To be the globally leading and respected provider for products and services of industrial automation and electric power

Mission Providing the best products and services to allow partners more competitive

Core Value Sincere Cooperation, Sustainable Innovation



Milestones





Business Scale



Staff
3800+



Subsidiaries
15

Factories

6



Global Branches
40+

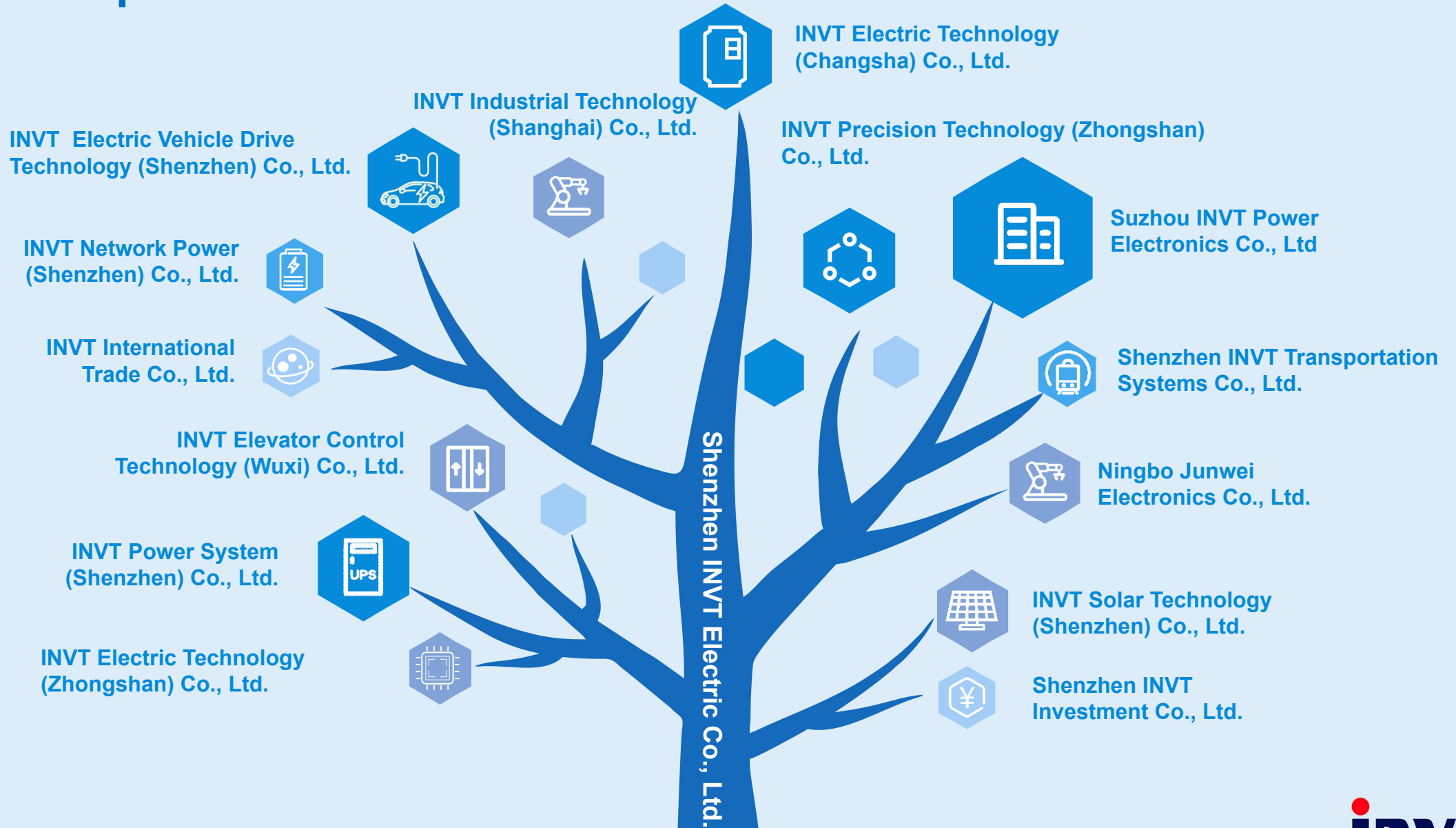
2021 Sales Revenue
**460M+
(USD)**



Research Centers
11

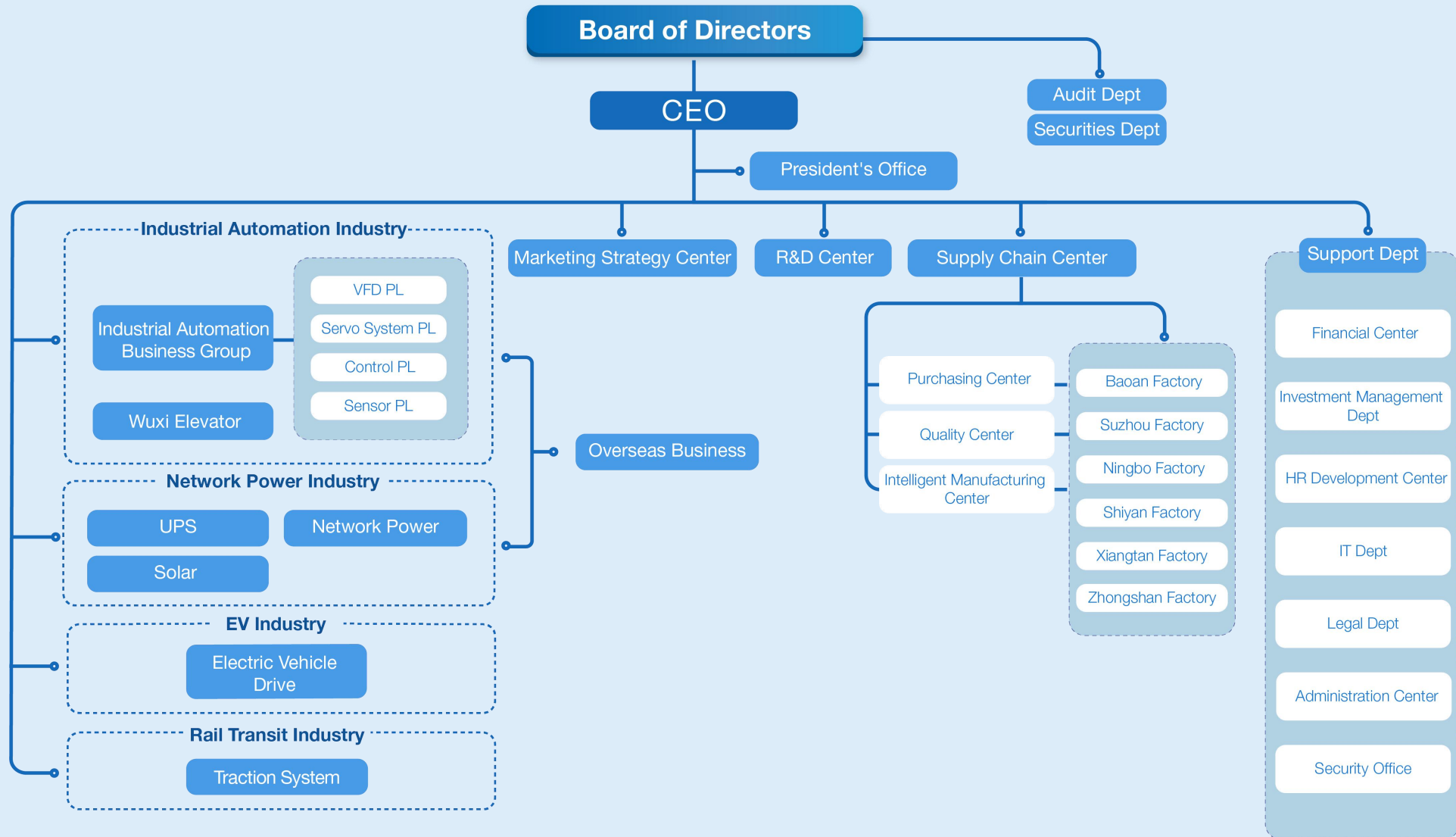


Group Members



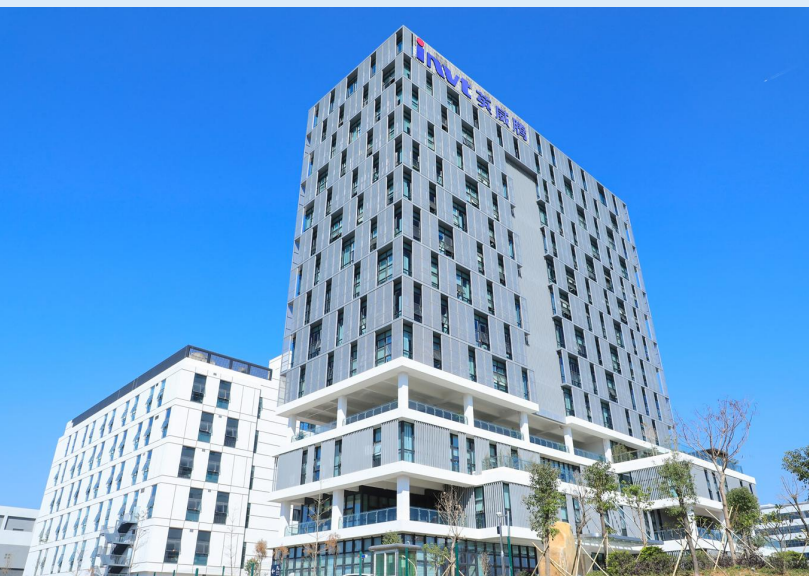


Organization





Factory



Shenzhen Gongming Scientific Industrial Park

Headquarter



Shenzhen Fuyong Industrial Park

Product Line: Network Power Products
and EV Driver
Production Capacity: 800,000+ units/year



Suzhou Scientific Industrial Park

Product Line: Automation Products
Production Capacity:
2,000,000+ units/year



Honors and Certificates



- National Hi-Tech Enterprise
- National Intellectual Property Advantageous Enterprises
- National Intellectual Property Management System Certification
- China Patent Excellence Award
- Engineering Technology Research Center (Guangdong)
- Industrial Design Center (Guangdong)
- Scientific Technology Award (Guangdong)
- Science and Technology Progress Award (Shenzhen)
- Patent Excellence Award (Shenzhen)
- Certificate of CNAS Laboratory
- Certificate of TÜV Functional Safety
- Certificate of UL Witness Test Data Program

The logo for Invt (英威腾) is positioned at the top of the central building. It consists of the lowercase letters 'invt' in a blue sans-serif font, followed by the Chinese characters '英威腾' in a similar blue font. A small red dot is placed above the 'i'.

Products and Solutions

- Industrial Automation
- Network Power
- Electric Vehicle
- Rail Transit

A large, white, stylized number '2' is centered on the right side of the slide. It has a thick, rounded font style.

PART 02



Industrial Automation





Brief Introduction



**100 +
Countries**



**100,000 +
Customers**

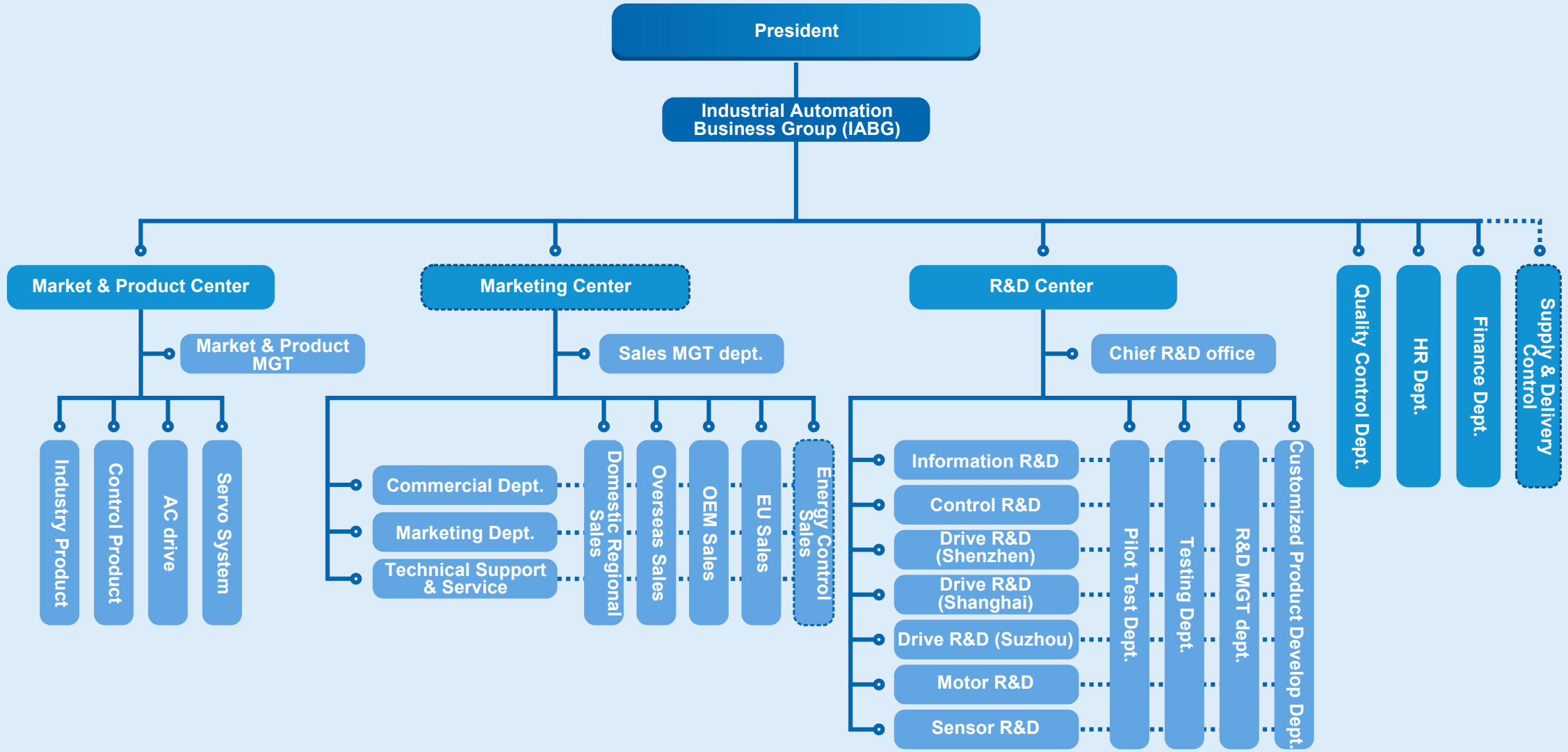


**150M+
Successful
applications**



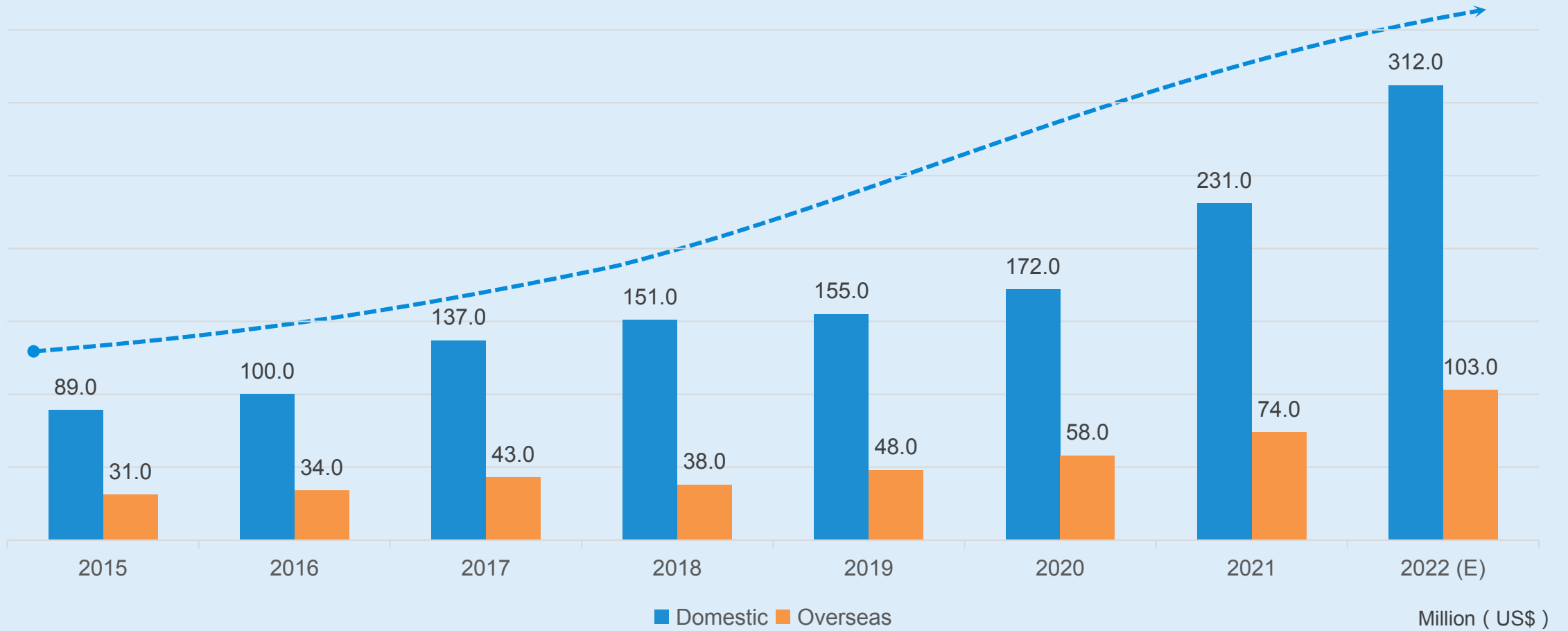
**14 consecutive years
Top Brand in export
value among
domestic brands**

IABG Organization





Business Growth

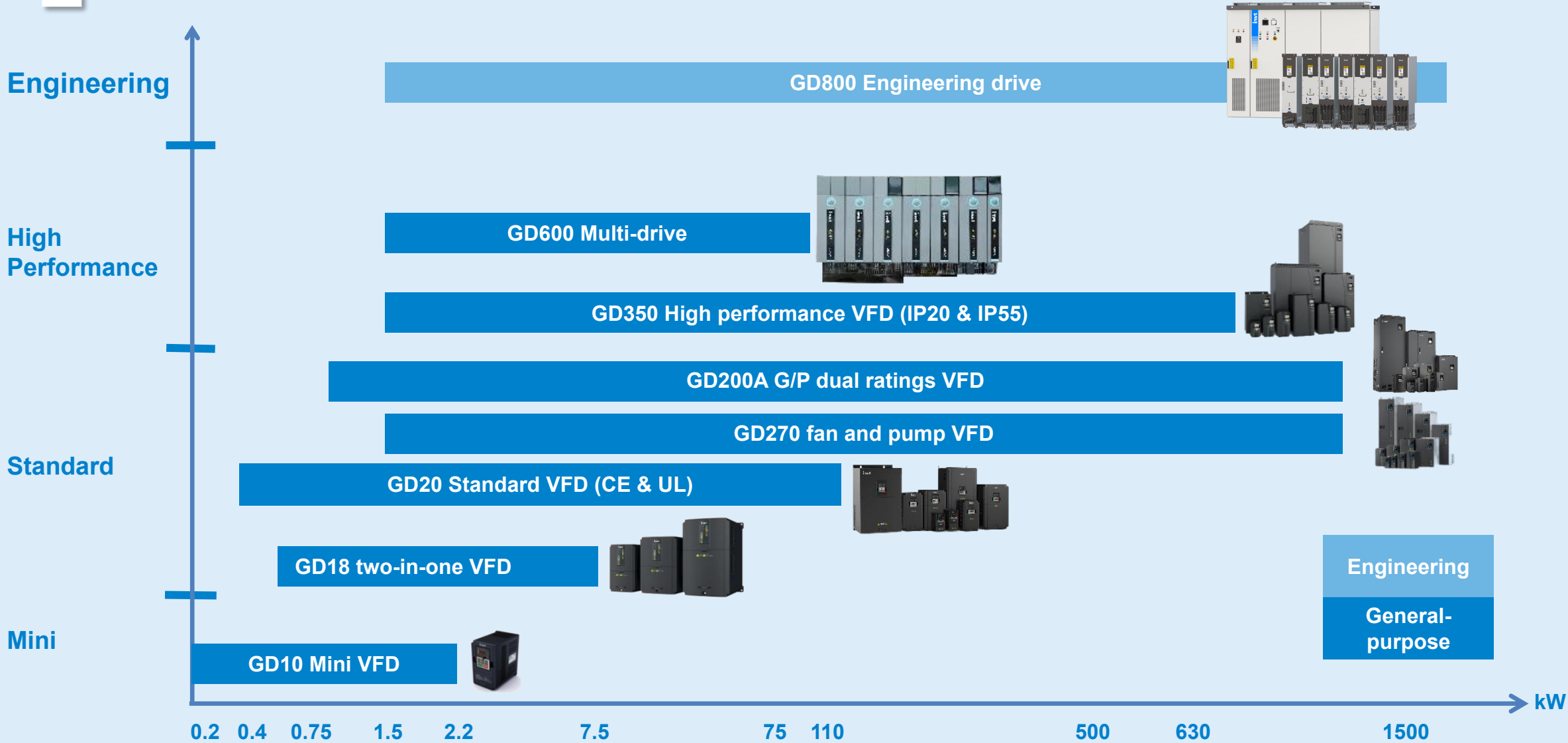




Product Profile

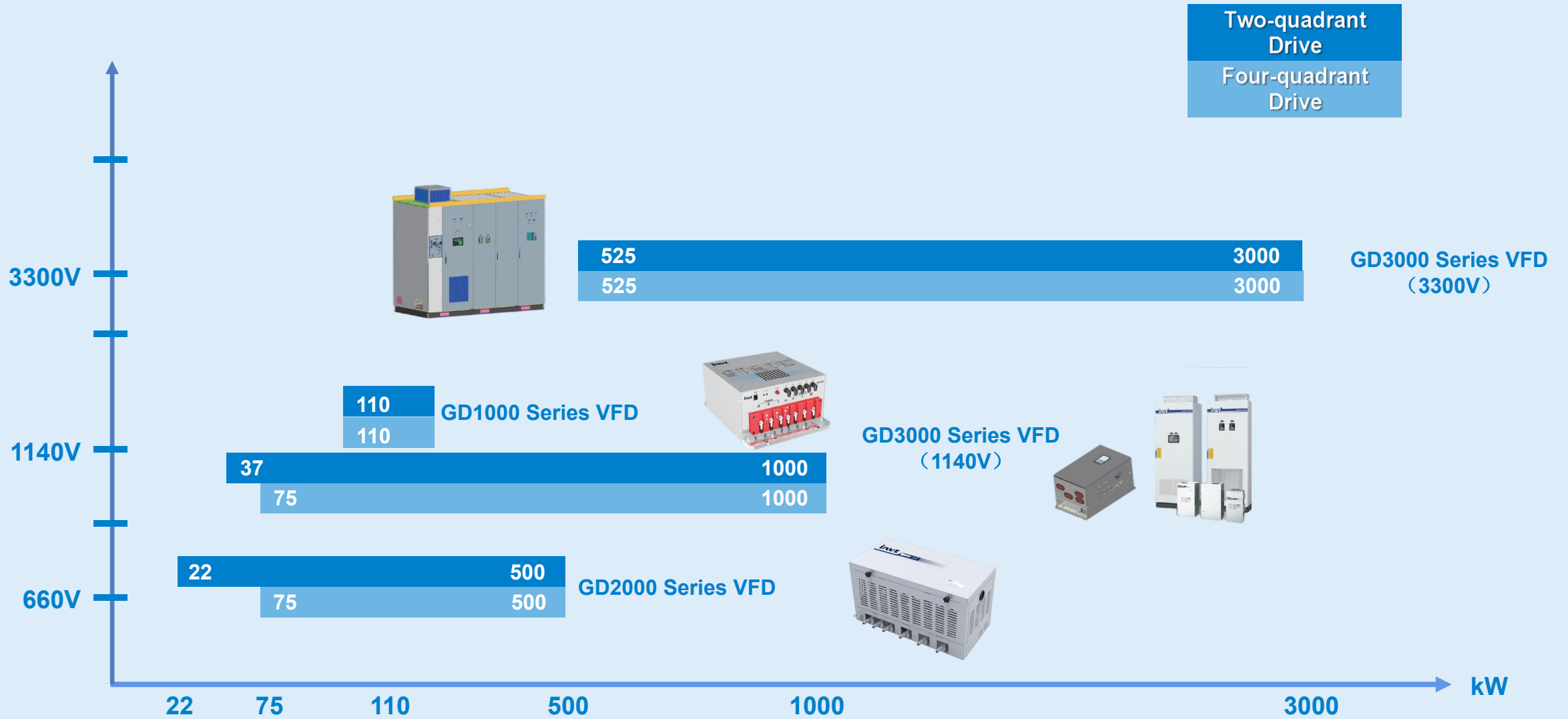


LV VFDs



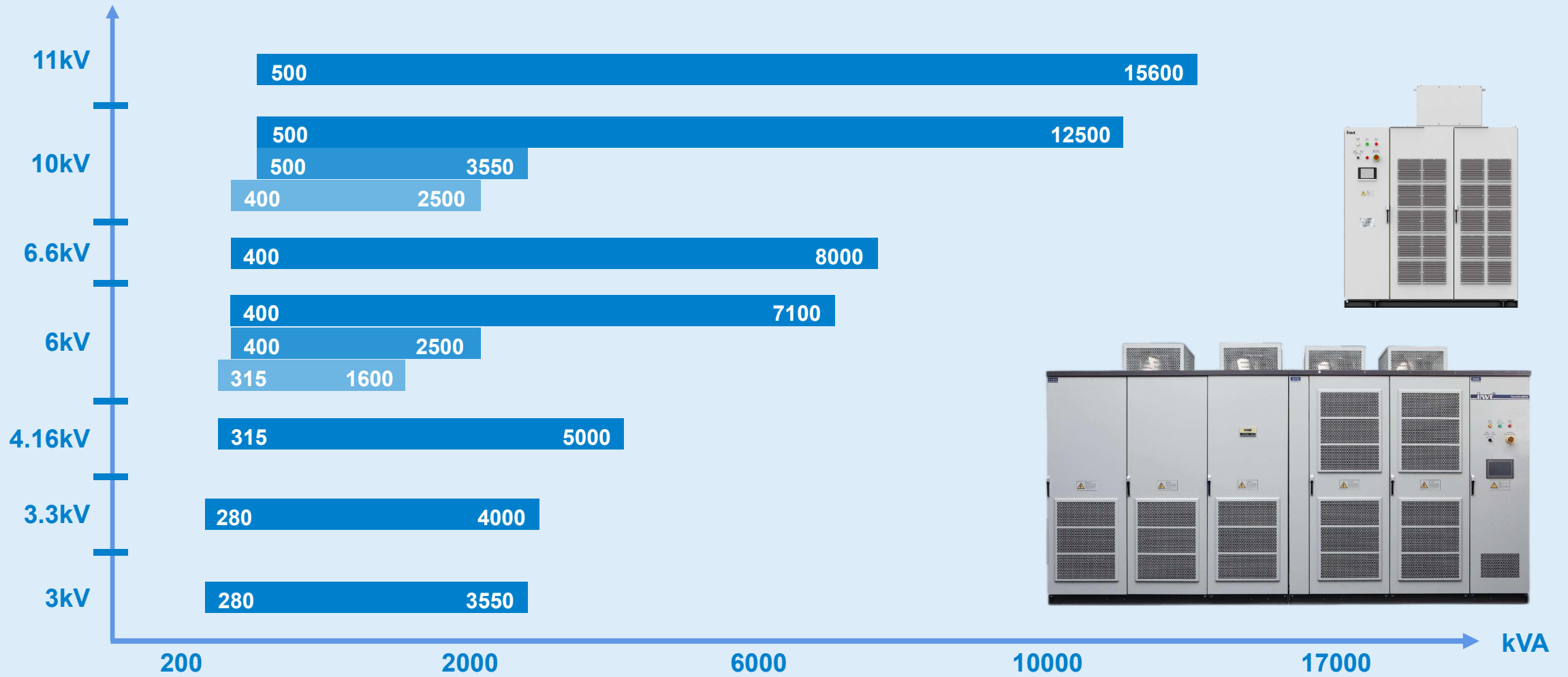
Engineering
General-purpose

MV VFDs



MV VFDs




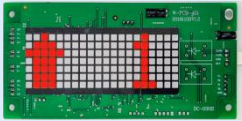
- GD5000 series Drive
- GD5000 Integrated Drive
- GD5000 Four-quadrant Drive



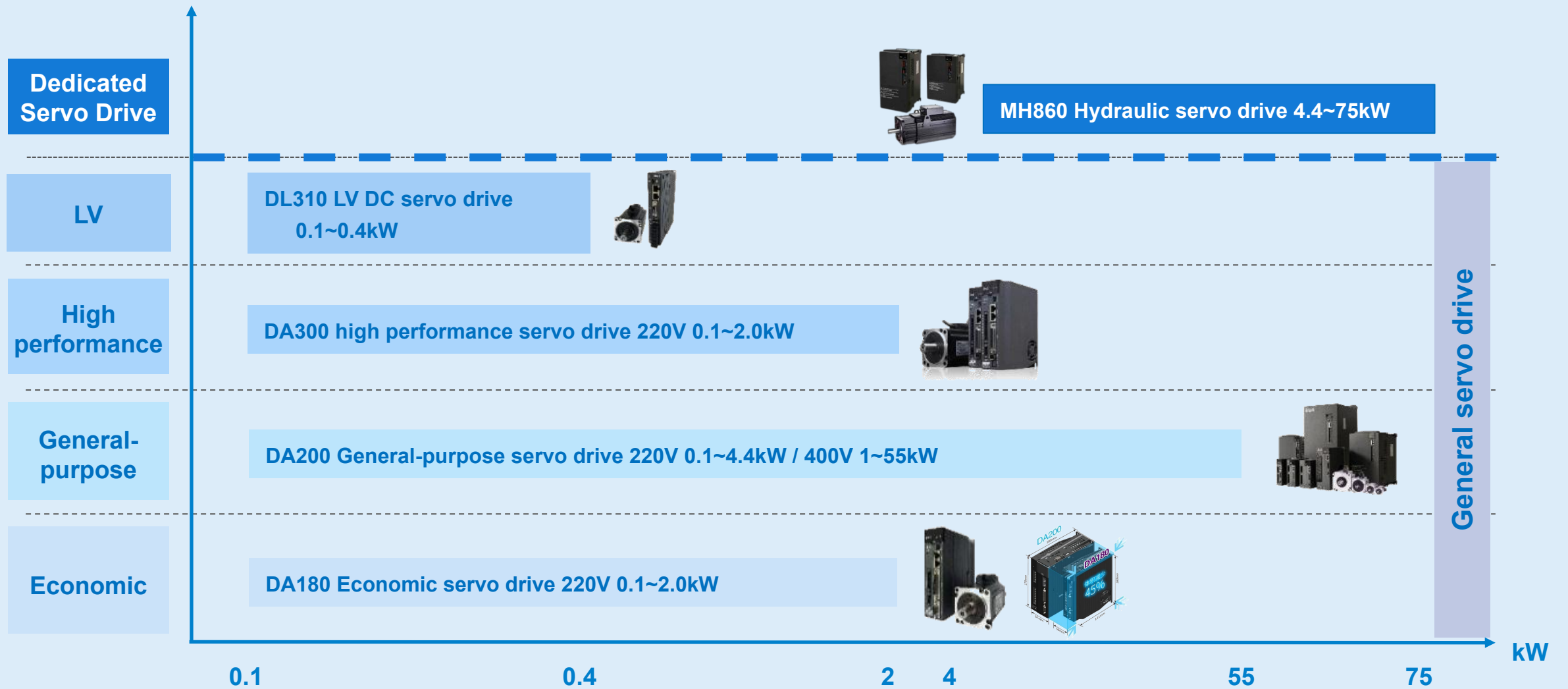
Dedicated Drives

| | | | | | |
|---------------|---|---|--|---|---|
| Compressor |  <p>7.5-500kW</p> <p>GD300-01A</p> <p>VFD for Air Compressor</p> |  <p>7.5-37kW</p> <p>GD300-01A-RT</p> <p>Single Controlling VFD</p> |  <p>15-90kW</p> <p>GD300-21</p> <p>Dual Controlling VFD</p> |  <p>7.5-500kW</p> <p>GD300-01A-EH</p> <p>VFD for high speed motor</p> |  <p>2.2-22kW</p> <p>GD11</p> <p>VFD for air conditioner</p> |
| |  <p>KLCD056 Controller</p> <p>Optional built-in 4G IOT & CAN</p> |  <p>TC070A1</p> <p>7-inch Dual serial port</p> |  <p>TC043A</p> <p>4.3-inch Single serial port</p> | <p>LCD keypad</p> <p>Multi-language</p>  |  <p>4G IoT module</p> |
| Crane & Hoist | <p>37-45kW</p> <p>GD350-39</p> <p>Construction lift intelligent control machine</p>  | <p>380V 1.5~500kW & 660V 22~630kW</p> <p>GD350-19</p> <p>VFD for Crane & Hoist</p>  | <p>0.75~37kW</p> <p>GD20-09</p> <p>VFD for Crane & Hoist</p>  | <p>37~45kW</p> <p>GD300-29</p> <p>Energy regeneration VFD</p>  | |
| |  <p>220V 0.75~4kW&380V 2.2~5.5kW</p> <p>BPD</p> <p>Built in boost module, IP65</p> |  <p>0.4~7.5kW(220V Output); 0.75~ 200kW(400V Output)</p> <p>GD100-PV</p> <p>General purpose solar pump controller</p> |  <p>1.5~45kW</p> <p>GD170-PV</p> <p>Economic type solar pump controller</p> |  <p>220V 0.75~2.2kW&380V 4~7.5kW</p> <p>SP100</p> <p>With AC/DC hybrid input, IP65</p> | |

Dedicated Drives

| | | | | | | | |
|-----------------|--|---|---|---|---|--|--|
| Elevator |  <p>0.4 & 0.75kw</p> <p>EC20 Door Controller</p> |  <p>3.7~15kW</p> <p>EC90 Parallel Integrated Controller</p> |  <p>2.2~30kW</p> <p>EC160A Integrated Controller</p> |  <p>7.5~30kW</p> <p>EC300 Four-quadrant Integrated Controller</p> |  <p>2.2~30kW</p> <p>GD300L\GD200L Elevator AC Drive</p> |  <p>Integrated Control Panel</p> |  <p>IoT Device</p> |
| |  <p>Contactless LOP</p> |  <p>Vertical LED Hall Call Board</p> |  <p>Horizontal LED Hall Call Board</p> |  <p>CCB Car Call Board</p> |  <p>CTB Car Top Board</p> |  <p>4.3-inch Picture Display</p> |  <p>7-inch Picture Display</p> |

Servo System





PLC&HMI

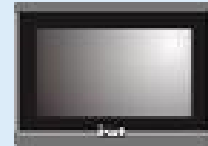
HMI



VS-Q series



VA series



VK series



VT series



TC series

Motion controller



AX70 series



AX71 series



AX72 series



AX80 series

Small PLC



IVC1S series



IVC1L series



IVC3 series

I/O



IVC1L series
Extension module



IVC-EH series
Extension module



AX-EM
Extension module



AE series
Distributed I/O



References

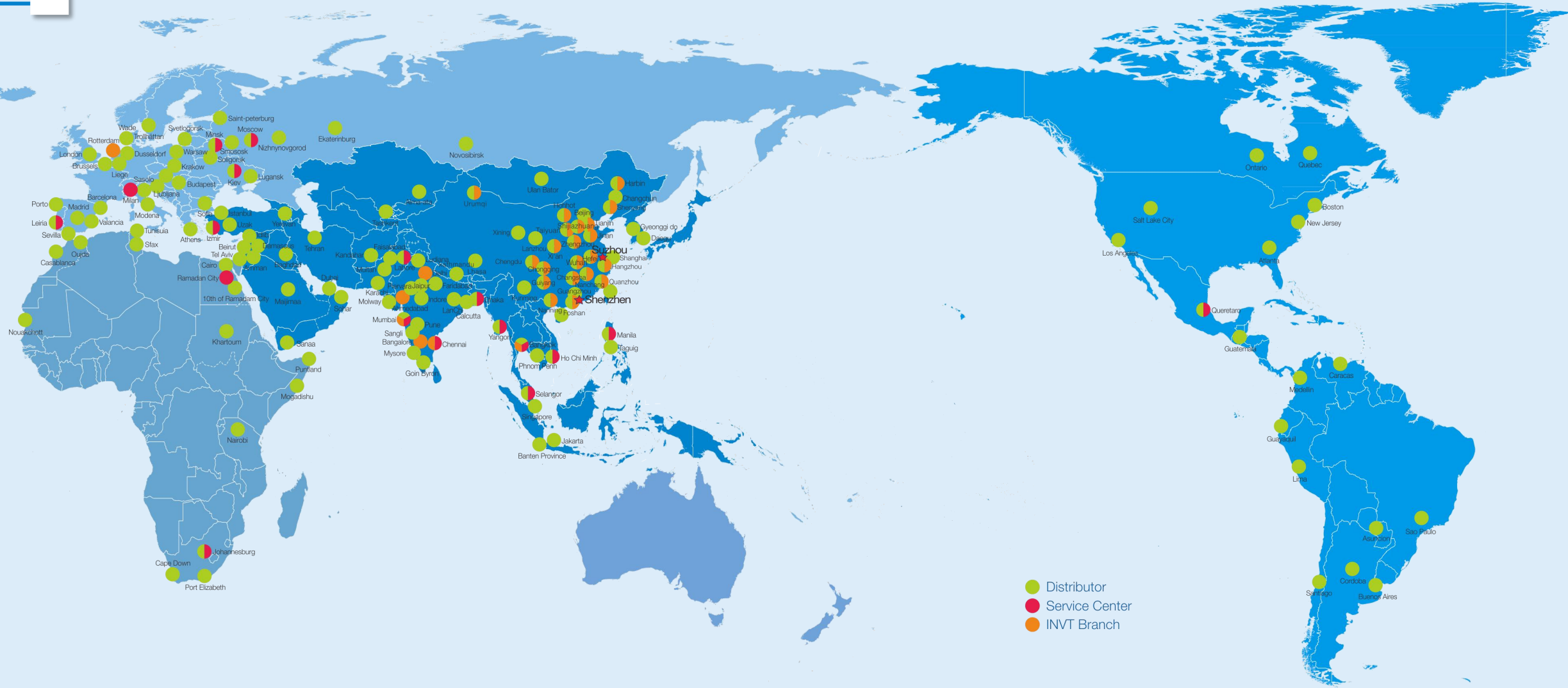
| Oil | Building Material | Mining | Marine | Steel | Metallurgy |
|-----|-------------------|--------|--------|-------|------------|
|-----|-------------------|--------|--------|-------|------------|

The following table lists the logos shown in the hexagonal grid, organized by industry:

| Oil | Building Material | Mining | Marine | Steel | Metallurgy |
|----------------|-------------------|------------------------|--|--------------------------------|-----------------------|
| SINOPEC (中国石化) | CONCH (海螺水泥) | FCG (福莱特集团 FLAT GROUP) | ZPMC (上海振华重工) | BAOWU | CHALCO (中国铝业) |
| CNPC | KERUI | SHANMEI GROUP (陕煤集团) | HHMC (海西重机 HAIXI HEAVY-DUTY MACHINERY) | TSINGSHAN HOLDING GROUP (青山控股) | JINJIANG GROUP (锦江集团) |
| CNOOC (中国海油) | TEDRI (天水电气) | CHN ENERGY (国家能源集团) | CFE (川凤电气 CHUANFENG ELECTRIC) | JINGYE GROUP (敬业集团) | SHOUGANG GROUP (首钢股份) |
| | | JZEG (冀中能源) | YUBANG GROUP (润邦股份) | XINFA GROUP (信发集团) | |
| | | NMS | SHANGHAI GUANDONG (上海冠东) | JIANGSU GROUP (鞍钢集团) | MCC (中冶京城) |
| | | | KFS (康富科技 KUNGFU SCI-TECH) | | |



Global Sales & Service Network



- Distributor
- Service Center
- INVT Branch

40+ INVT Branch

240+ Distributor

100+ Country

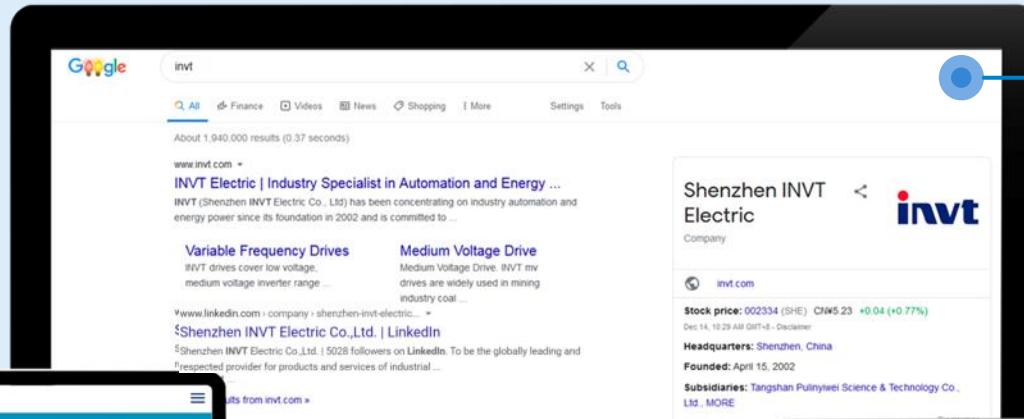
20+ Service Center

Industrial Automation | Network Power | Electric Vehicle

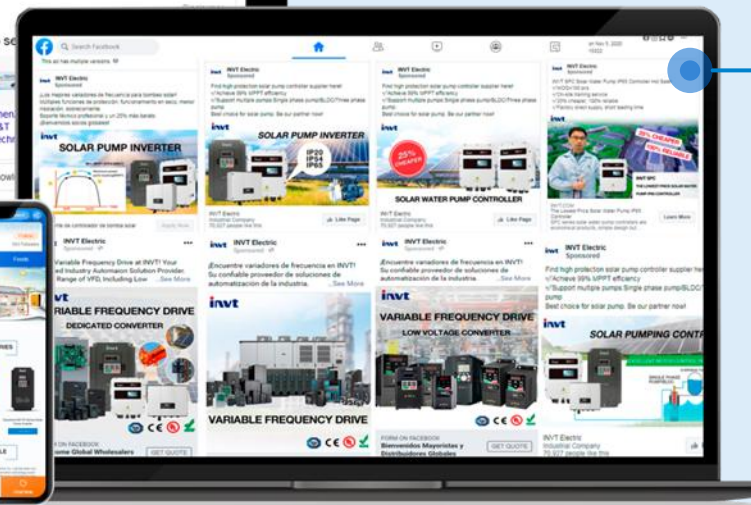
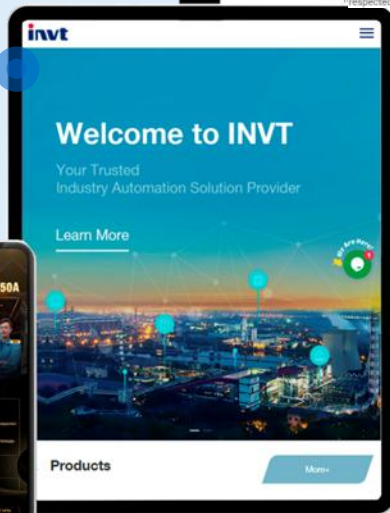




Online Promotion



WEB



LIVE



Alibaba.com
Global trade starts here.™

1688 批发 定制 找源头
就上1688





Activities Promotion

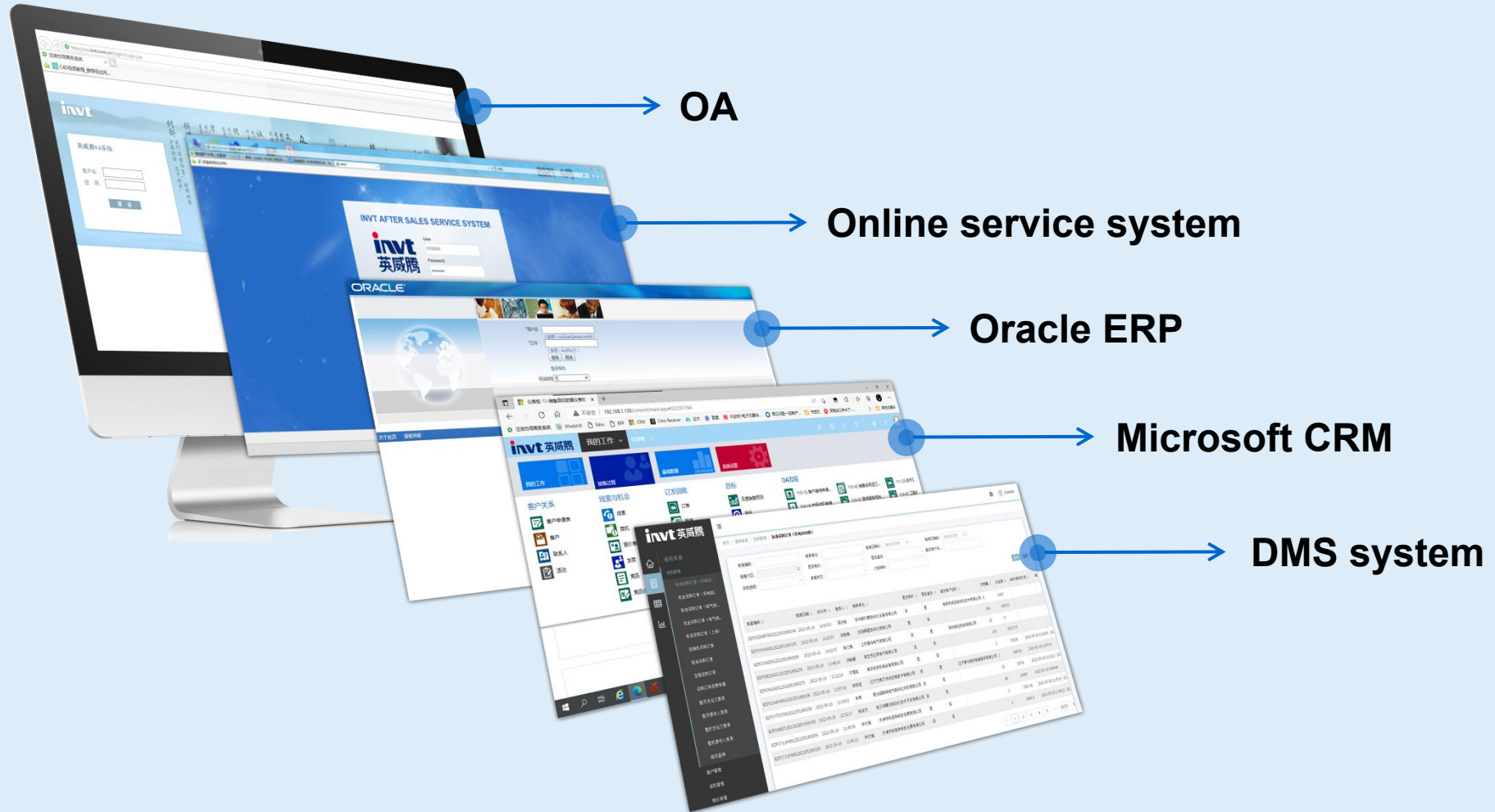
Industry Exhibition
Gov. Officials Visit



Seminar
Global Partner Conference
Club Activities

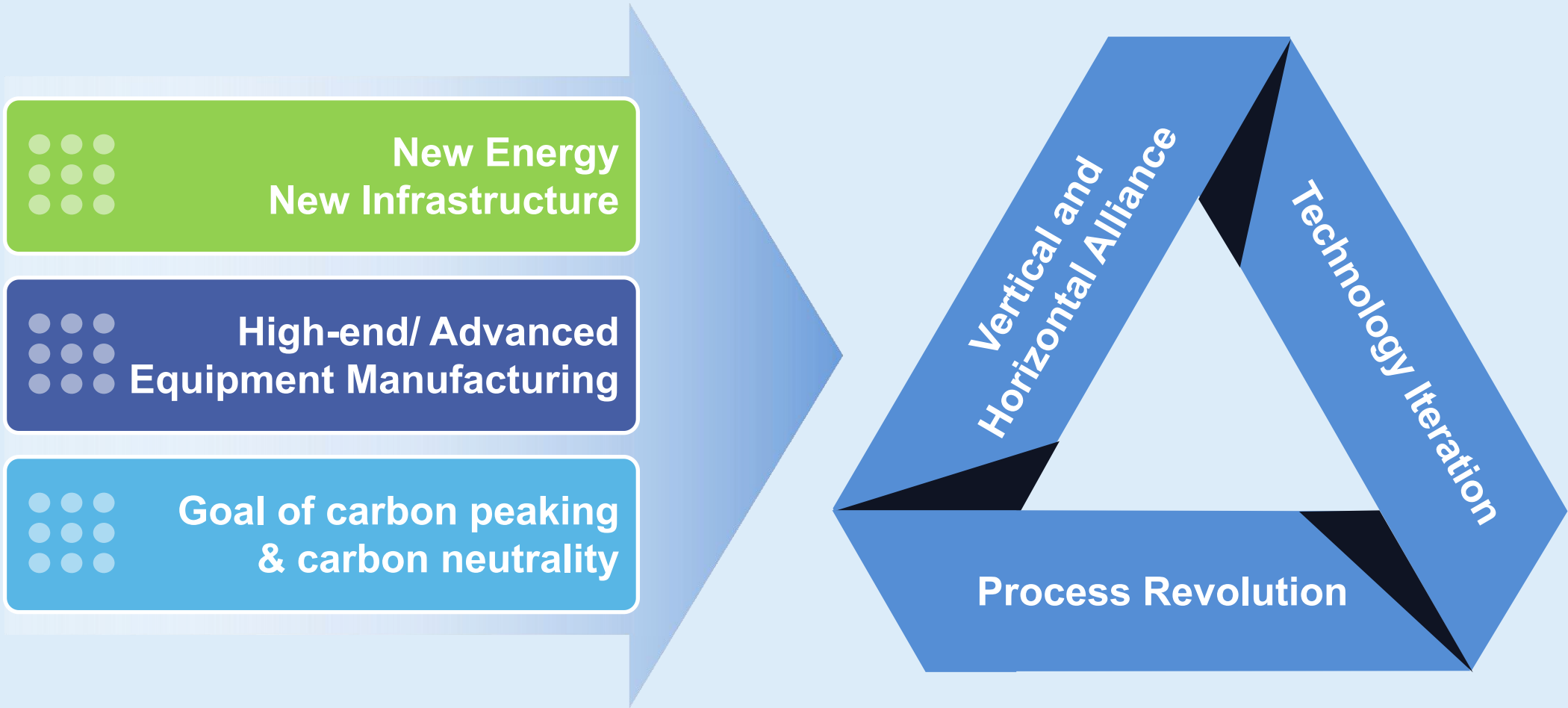


Digitalization & IT office



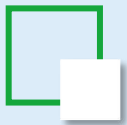


Opportunity



A perspective view of a long, brightly lit server aisle in a data center. The aisle is flanked by rows of server racks on both sides, extending into the distance. The floor is highly reflective, and the ceiling features recessed lighting and ventilation grilles. A green banner with white text is overlaid across the center of the image.

Network Power-Data Centre



Product Portfolio

→ Closed channel system



ISmart



IWit



ITalent

→ UPS



RM series modular UPS



HT33 series



HT11/31 series



HR11/HR31/HR33 series



LT33 series



BU series

→ Low power PDU system



INGPD low power switchgear cabinet
INSPDS precision PDU/array cabinet



PDU

→ Environment air conditioner system



Medium and small power room level air conditioner



Medium and high power room air conditioner



In-row precision air conditioner



Rack-mounted precision air conditioner

→ Dynamic environment monitoring system



Dynamic environment intelligent monitoring



Battery monitoring



Video monitoring



Access control monitoring



Fire monitoring



Network power

Data center solution



Closed channel system



Power supply/distribution system



Weak-current management system



Environment regulation system



Typical Application



Sport events

Sochi Winter Olympics
Nanjing Olympic Sports Center



TV media

CCTV "A Bite of China" program in Changchun Jilin
Administration of Press, Publication, Radio, Film and Television of Gansu



Government

Yangtze River Maritime Affairs System
Shanxi Seismological Bureau
Shanghai Weather Bureau



Health & Hospital

Hospital of Renmin University of Beijing
Hubei Maternal and Child Health Hospital



Data center

Northern Cloud Data Center
Nanxiang Cloud Data Center



Energy power

Guizhou Power Grid, China
National Petroleum Corporation
China Southern Power Grid



Manufacturing

FAW Toyota Changchun Engine Co., Ltd.,
PANDA Electronics Group Co., Ltd



Transport

China Tower projects for
Chengdu Metro Lines 7 and 10
Hebei Zhangcheng Highway

Network power-Solar



Product Portfolio

On Grid Inverter

MG 1-6kW 1AC



MG 3-6kW-PLUS 1AC



XG 3-10kW 1AC



XG 3-136kW 1AC




Off Grid Inverter

XN 1.5-8kW



Energy Storage Inverter

BD3-6kW-RL1 (1AC 48V)



BD8-12kW-RH3 3AC




BD 5-10kW-RLN (1AC 48V)




BD 6-12kW-RH1N (1AC 96V)




BD30-500kW-MT 3AC

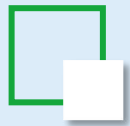


BD 500-630kW-M 3AC



BD 30-500kW-P 3AC Integrate Cabinet





Solar Power Solutions

Rooftop/Villa



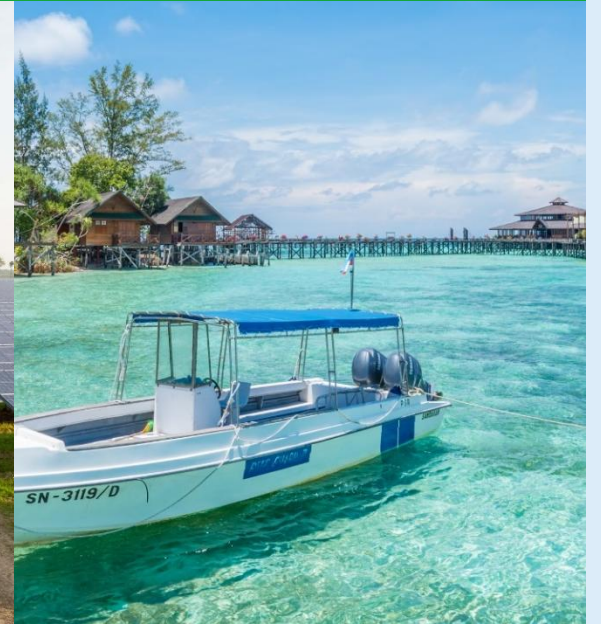
Commercial Roof



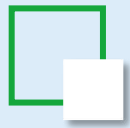
Ground Solar Power



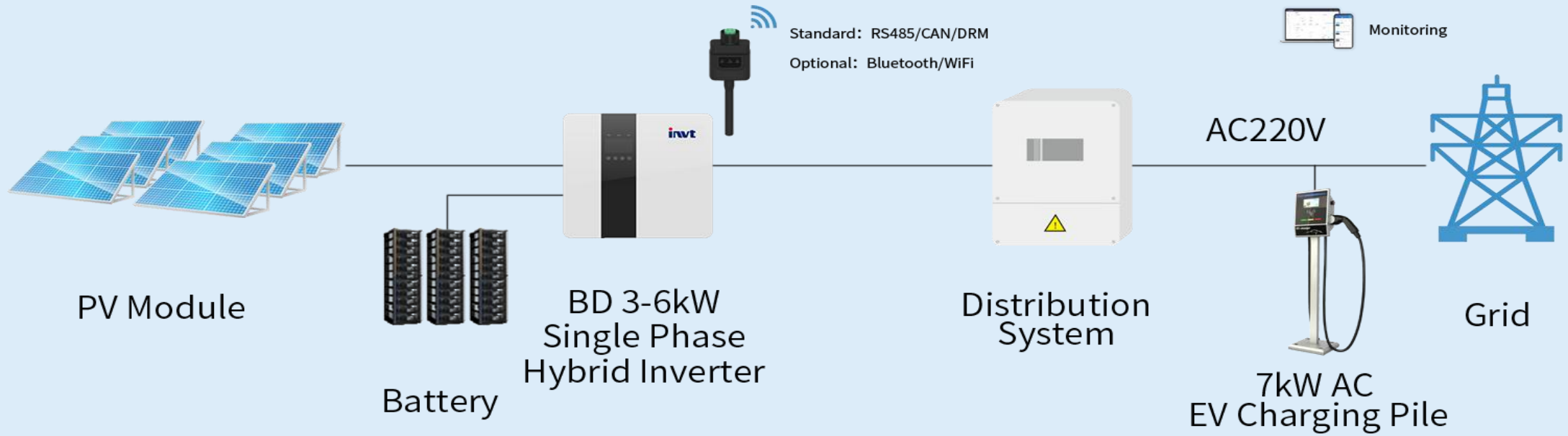
Island Solar Power



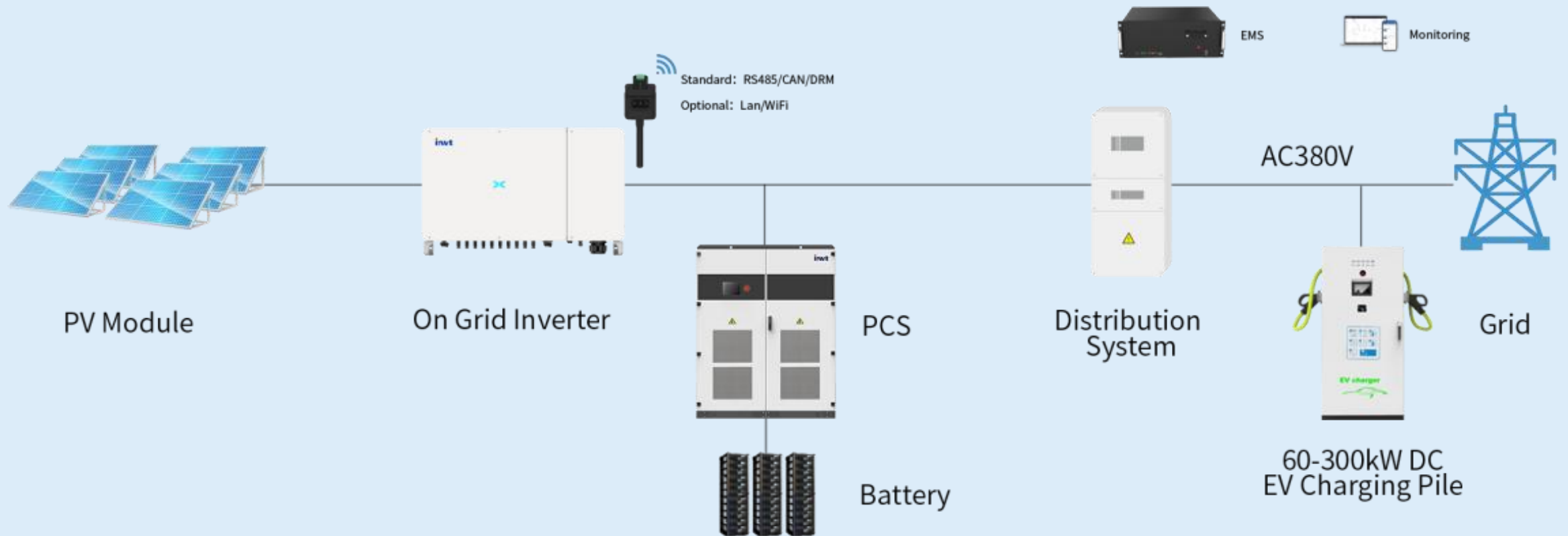
G83/G59 C10/11 TF3.2.1 LVRT
IEC62109 IEC61727 MEA PEA



Solutions for Residential Hybrid Solar System



Solutions for Commercial & Industrial Hybrid Solar System

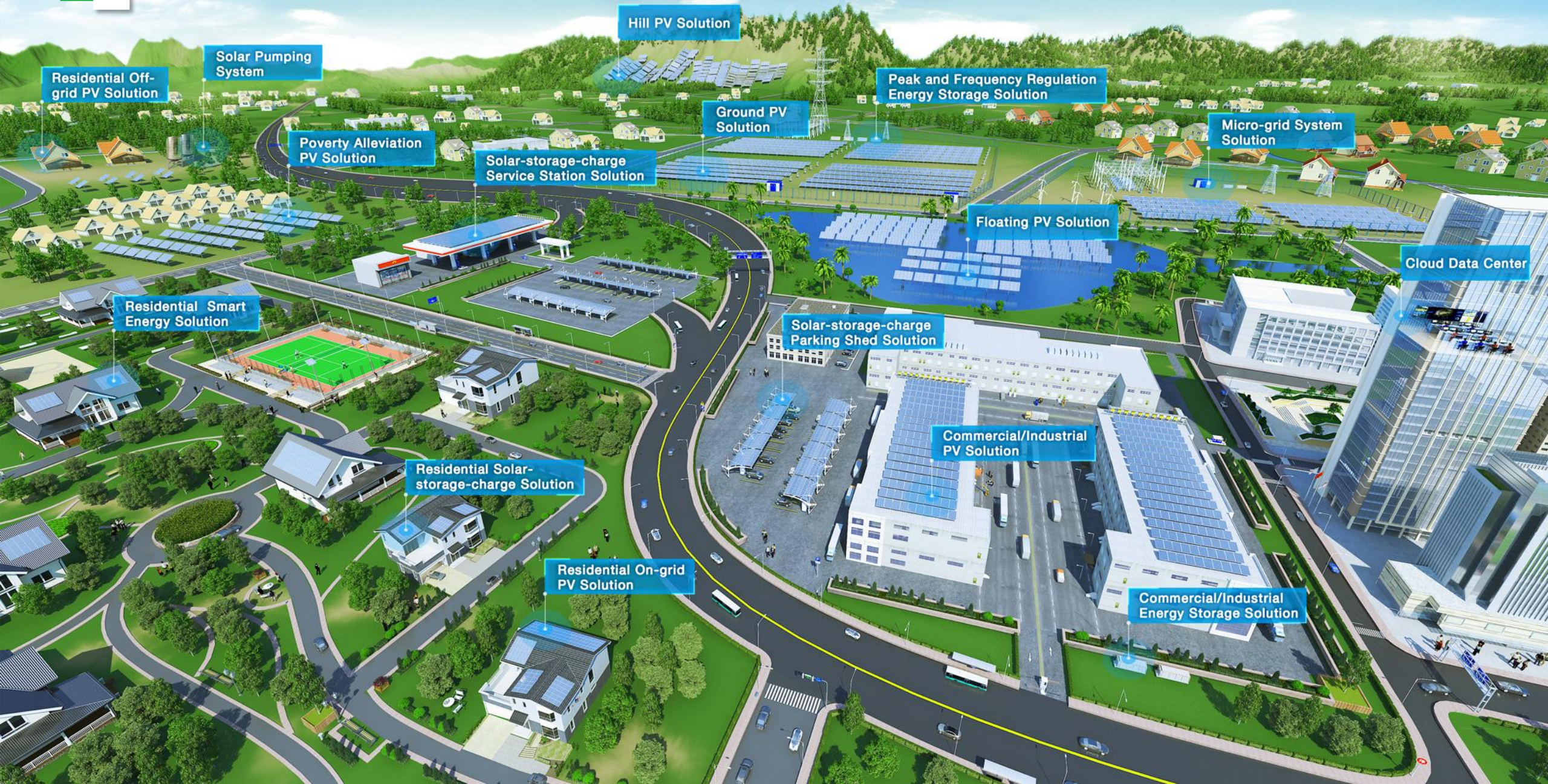




Network Power



Smart Energy Eco-chain



Residential Off-grid PV Solution

Solar Pumping System

Poverty Alleviation PV Solution

Solar-storage-charge Service Station Solution

Hill PV Solution

Ground PV Solution

Peak and Frequency Regulation Energy Storage Solution

Micro-grid System Solution

Floating PV Solution

Cloud Data Center

Residential Smart Energy Solution

Solar-storage-charge Parking Shed Solution

Commercial/Industrial PV Solution

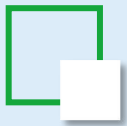
Residential Solar-storage-charge Solution

Residential On-grid PV Solution

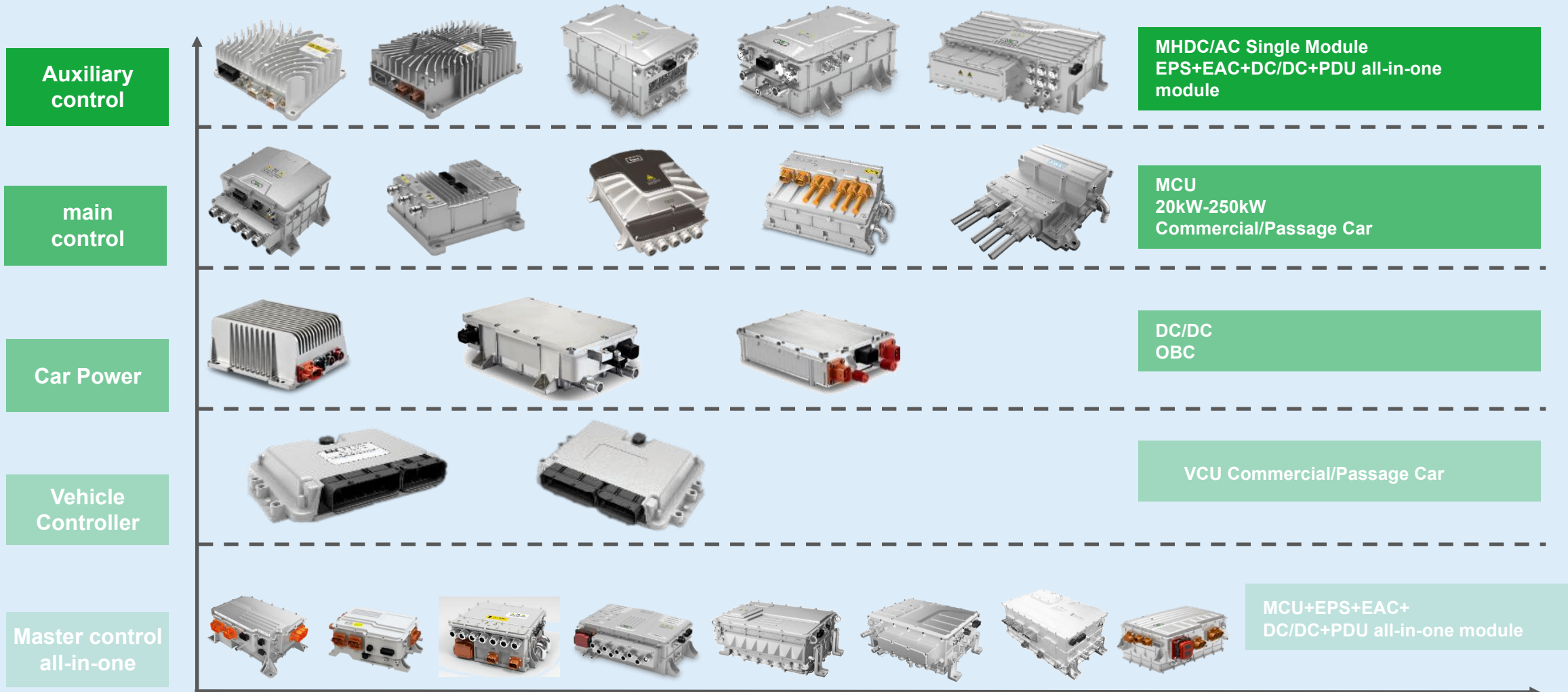
Commercial/Industrial Energy Storage Solution

Electric Vehicle





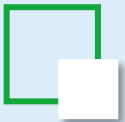


Product Portfolio



Product Portfolio

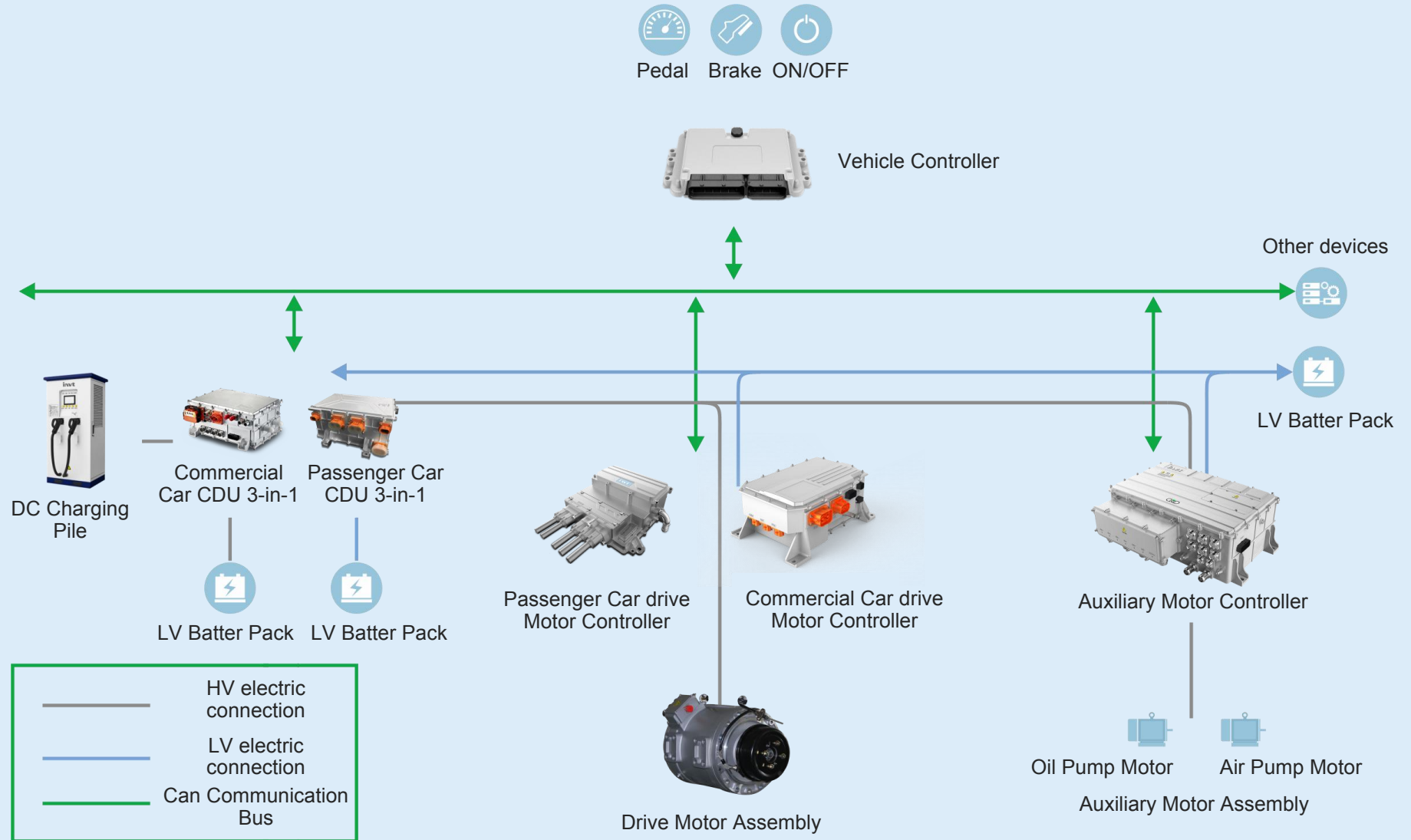
| | | | | | | |
|--|---|---|---|---|--|--|
| <p>DC Charging Pile</p> |  <p>30kW Output: 300~750VDC</p> |  <p>60kW Output: 300~750VDC</p> |  <p>120kW Output: 300~750VDC</p> |  <p>240kW Output: 200~950VDC</p> |  <p>360kW Output: 300~950VDC</p> |  <p>480kW Output: 300~950VDC</p> |
| <p>Charging Pile Module</p> |  <p>12kW Output: 24~120VDC</p> |  <p>15kW Output: 300V~800V</p> |  <p>20kW Output: DC 200V~950V</p> |  <p>30kW Output: DC 200V~950V</p> | | |
| <p>AC Charging Pile</p> |  <p>7kW (220VAC±15%)</p> |  <p>7kW (220VAC±15%)</p> |  <p>11kW (220VAC±15%)</p> |  <p>22kW (220VAC±15%)</p> |  <p>84kW (380VAC±15%)</p> | |



Electric Vehicle Drive Control System Solutions

Covering VCU, electronic control, and charging products

Customized drive control solutions





Key Partners

- Leading enterprise in the domestic electric vehicle drive industry
- Total product sales in quantity exceeds **130,000 units**

Passenger car



Coach



Logistics vehicle



engineering vehicle



Rail Transit





Rail Transit

12-year independent R&D
Domestic Enterprise

1st enterprise focused on Rail
Transit Vehicle Traction System

100% Independent intellectual property, leading technology and products



Features

Vector control, harmonic control,
low noise, **light** weight



Intellectual achievement

100+ intellectual
achievements, of which
64 have been authorized



Verification

Energy-efficient and eco-
friendly, **safe** and reliable,
stable and **comfortable**

Applications in Rail Transit



- Guangzhou Metro Line 8
- Shenzhen Metro Line 9
- Shenzhen Metro Branch Line 6
- Haerwusu Open-pit Mine
- Shenhua Group Zhungeer Energy Co., Ltd.



Group Operation

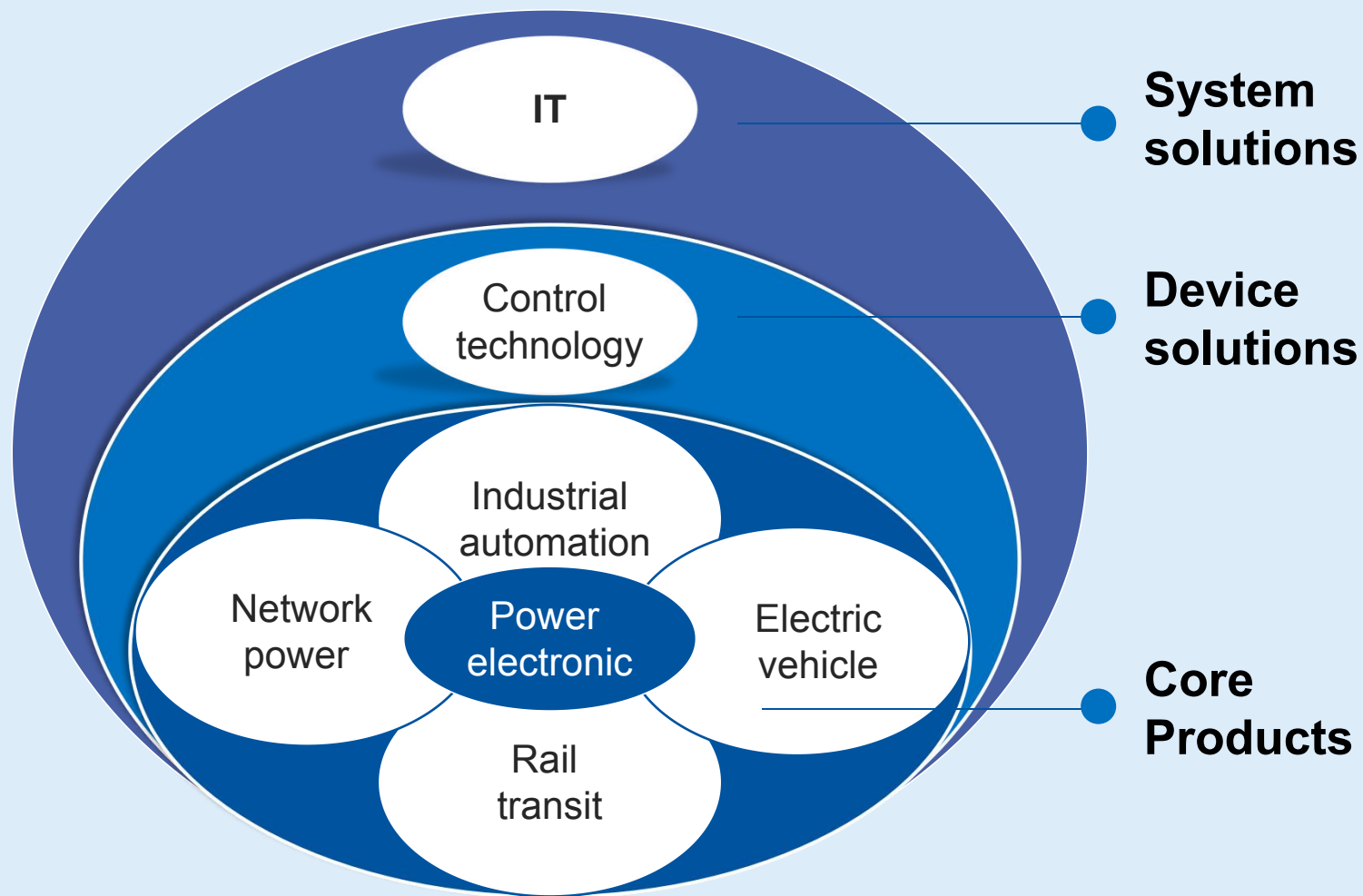
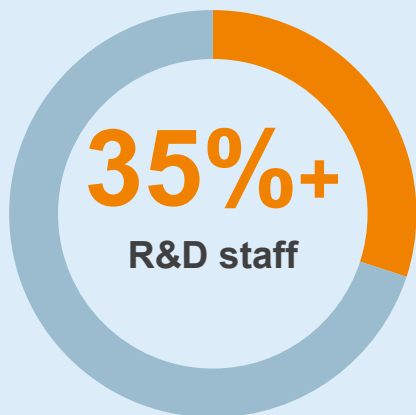
- R&D Innovation
- Integrated Supply Chain



R&D Innovation

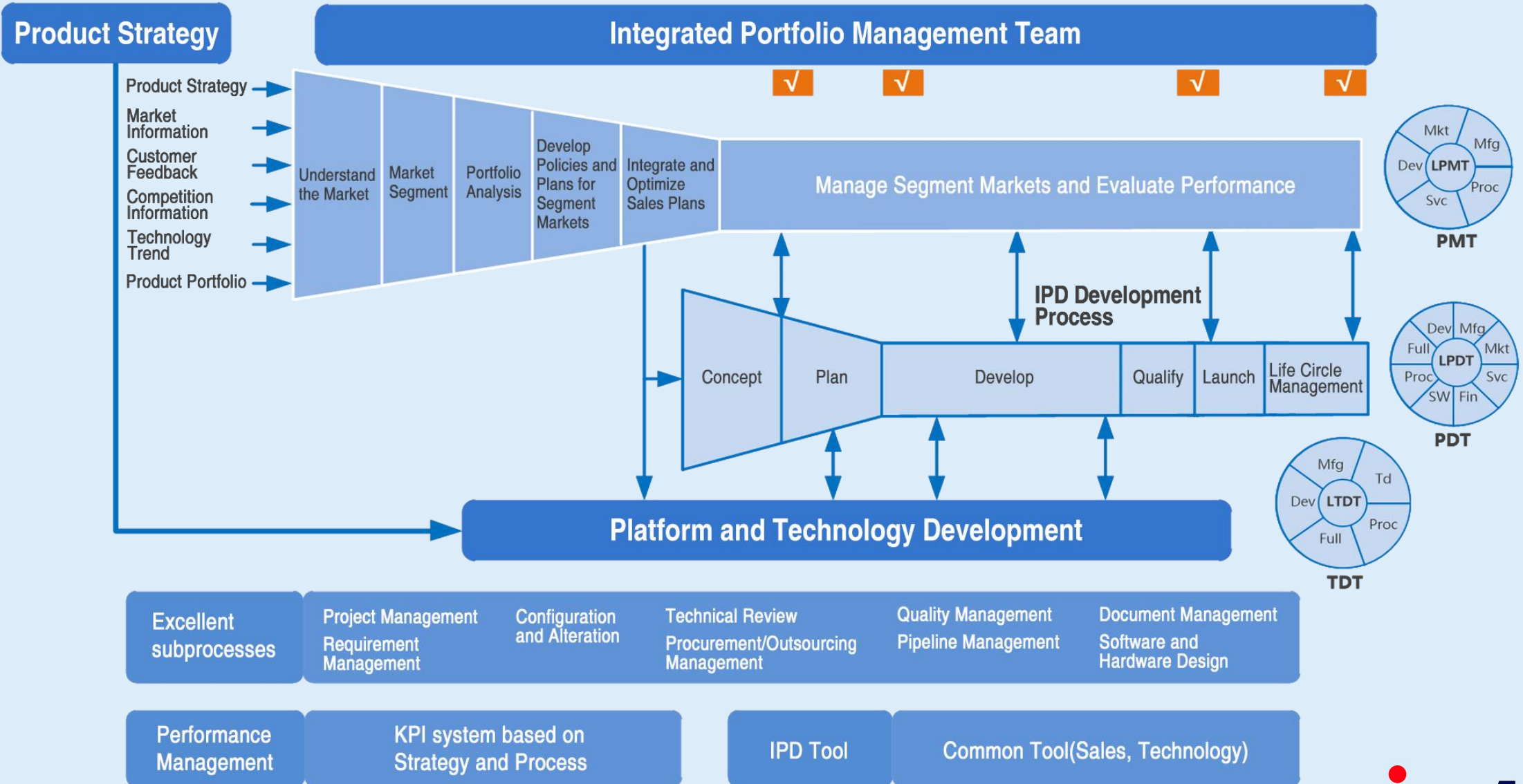
20 years
Drive technology
development

1278 pcs
Patents



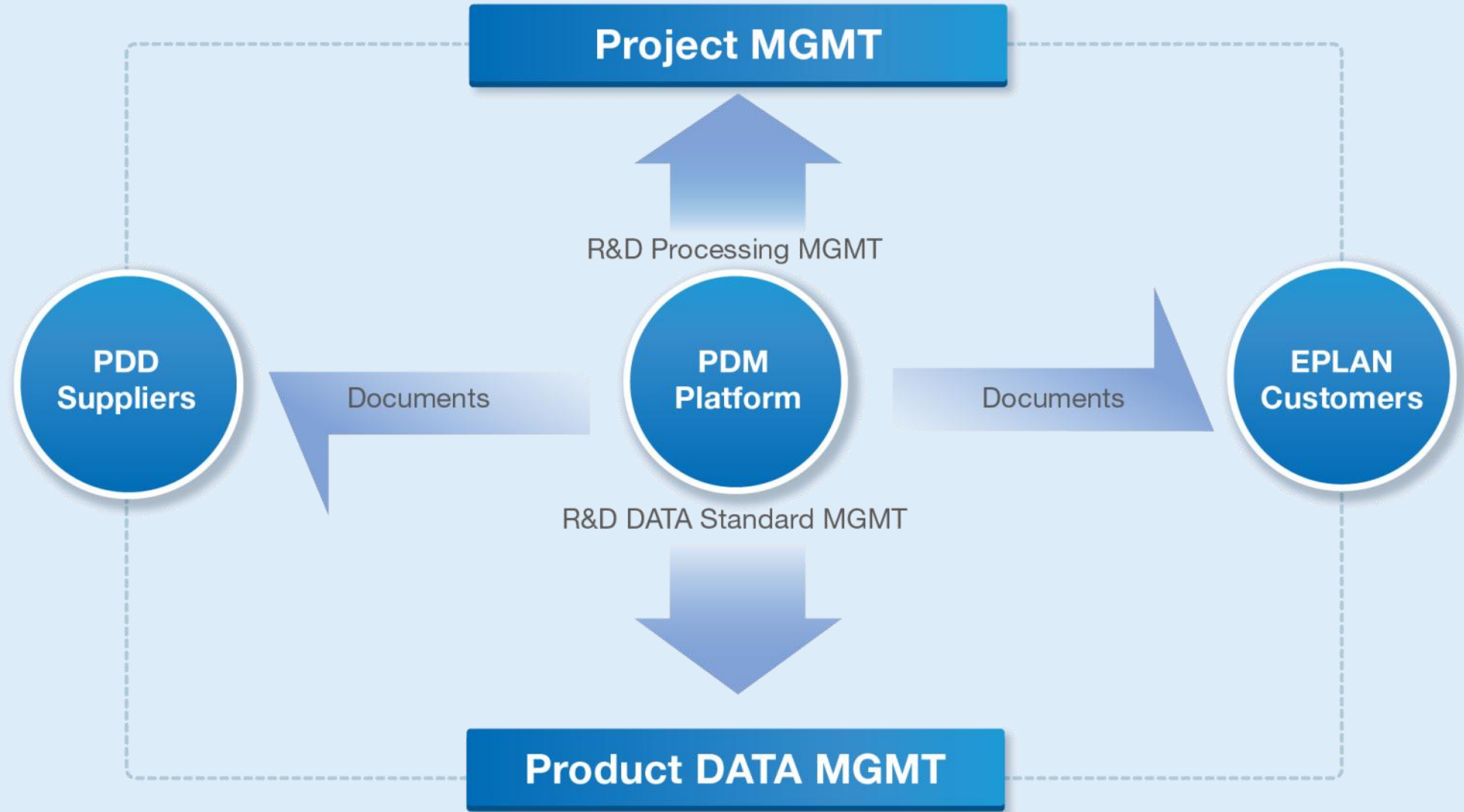


R&D Innovation



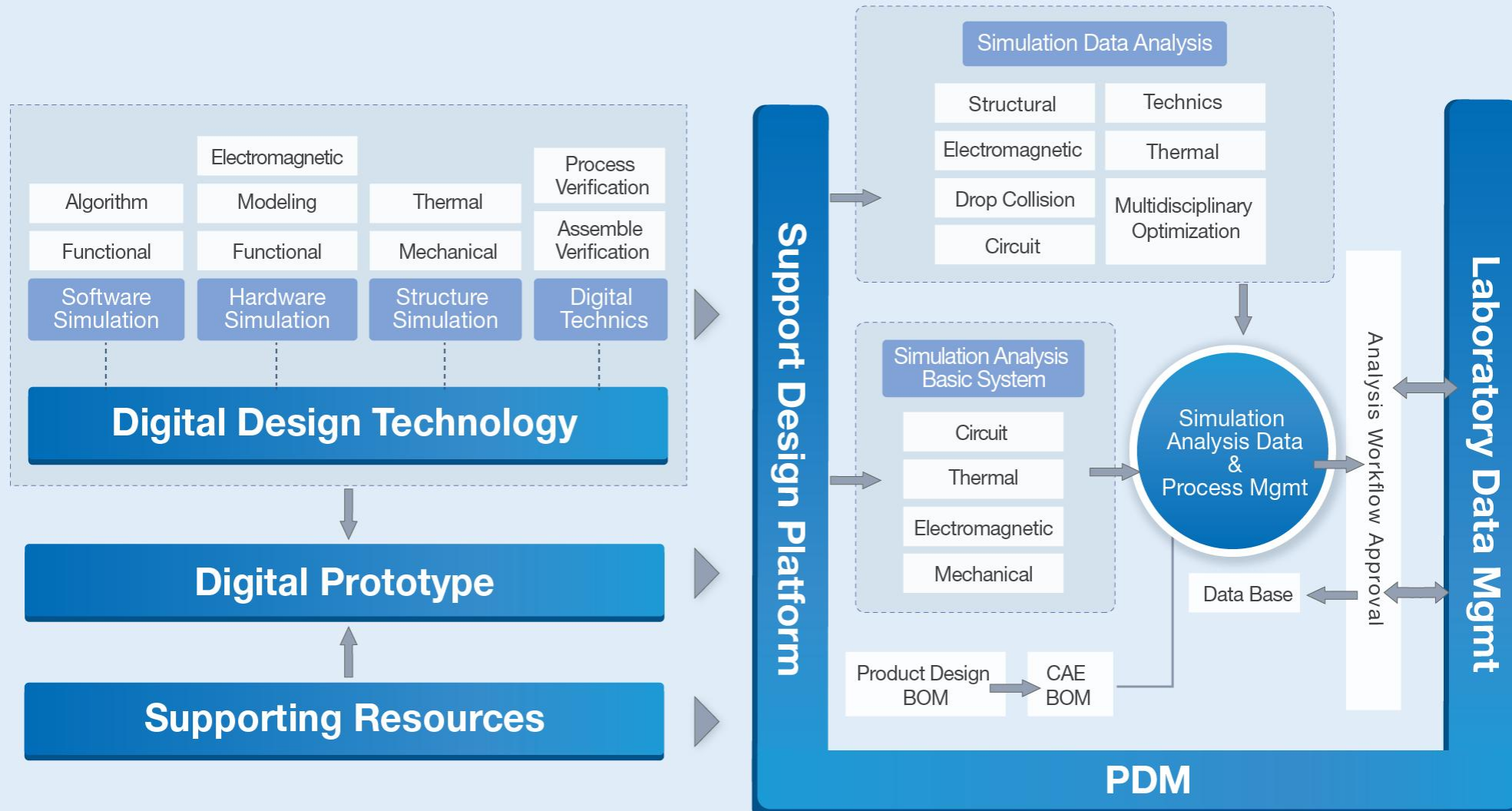


R&D Innovation





R&D Innovation





R&D Innovation



Needs-driven innovation management platform

Customer needs-oriented (more-than-worth), smooth control on quality, cost, and efficiency through platform and flow management

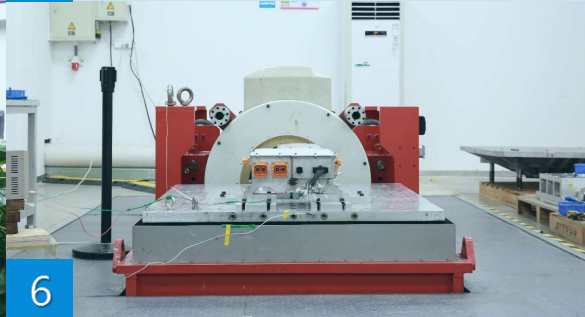
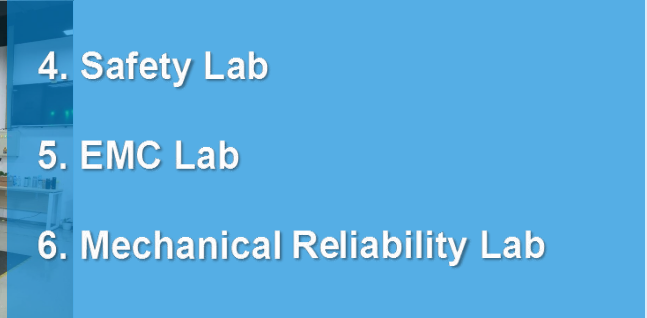
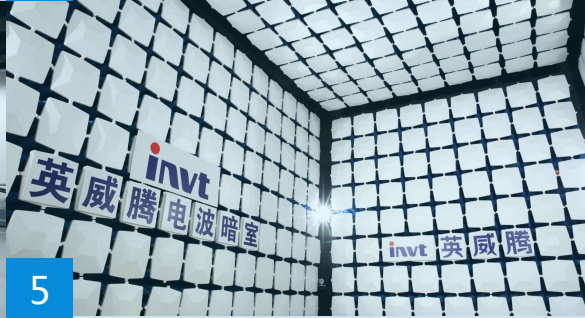
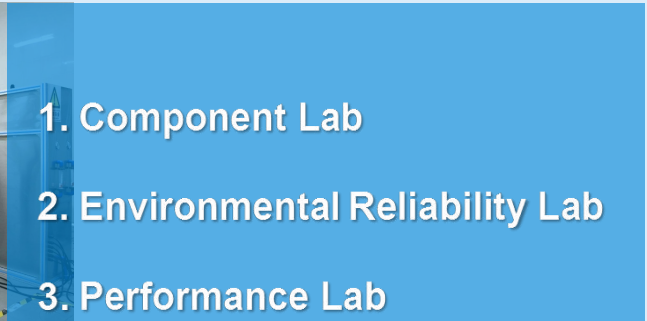


International standard laboratory

CNAS national lab / UL-WTDP
First manufacturer obtaining ACT by TÜV SUD in the industry in Mainland China



R&D Innovation



- 1. Component Lab
- 2. Environmental Reliability Lab
- 3. Performance Lab
- 4. Safety Lab
- 5. EMC Lab
- 6. Mechanical Reliability Lab
- 7. Dustproof and Waterproof Lab
- 8. Equipment Development Lab
- 9. Pre-R&D Lab



Integrated Supply Chain



Auto Production Test



Automation of Key Process Device



Auto Detection of MES Information



Standardized Work Flow

Customer Needs

Product R&D

Supplier

Incoming Inspection

Material Storage

Production Plan

Production Workshop

Finished Product Delivery

Customer Supply

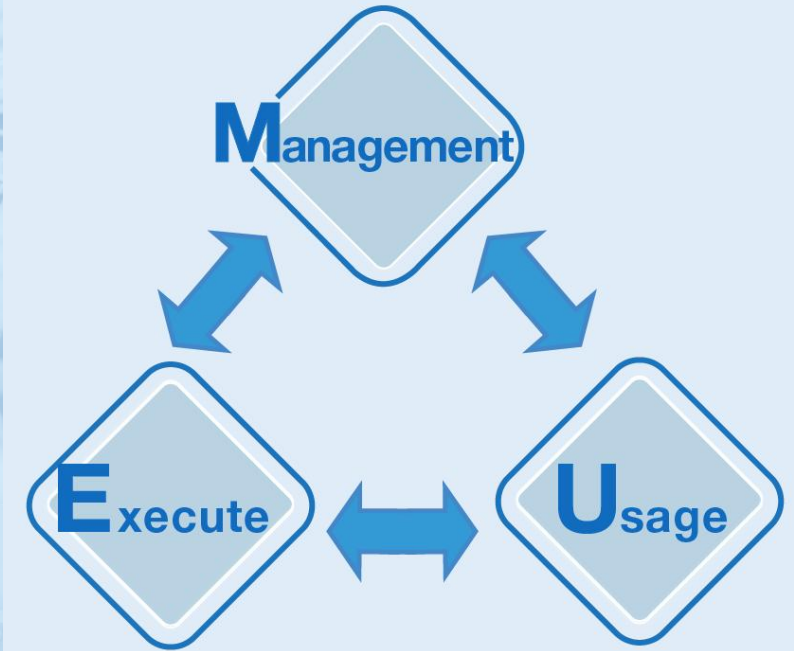
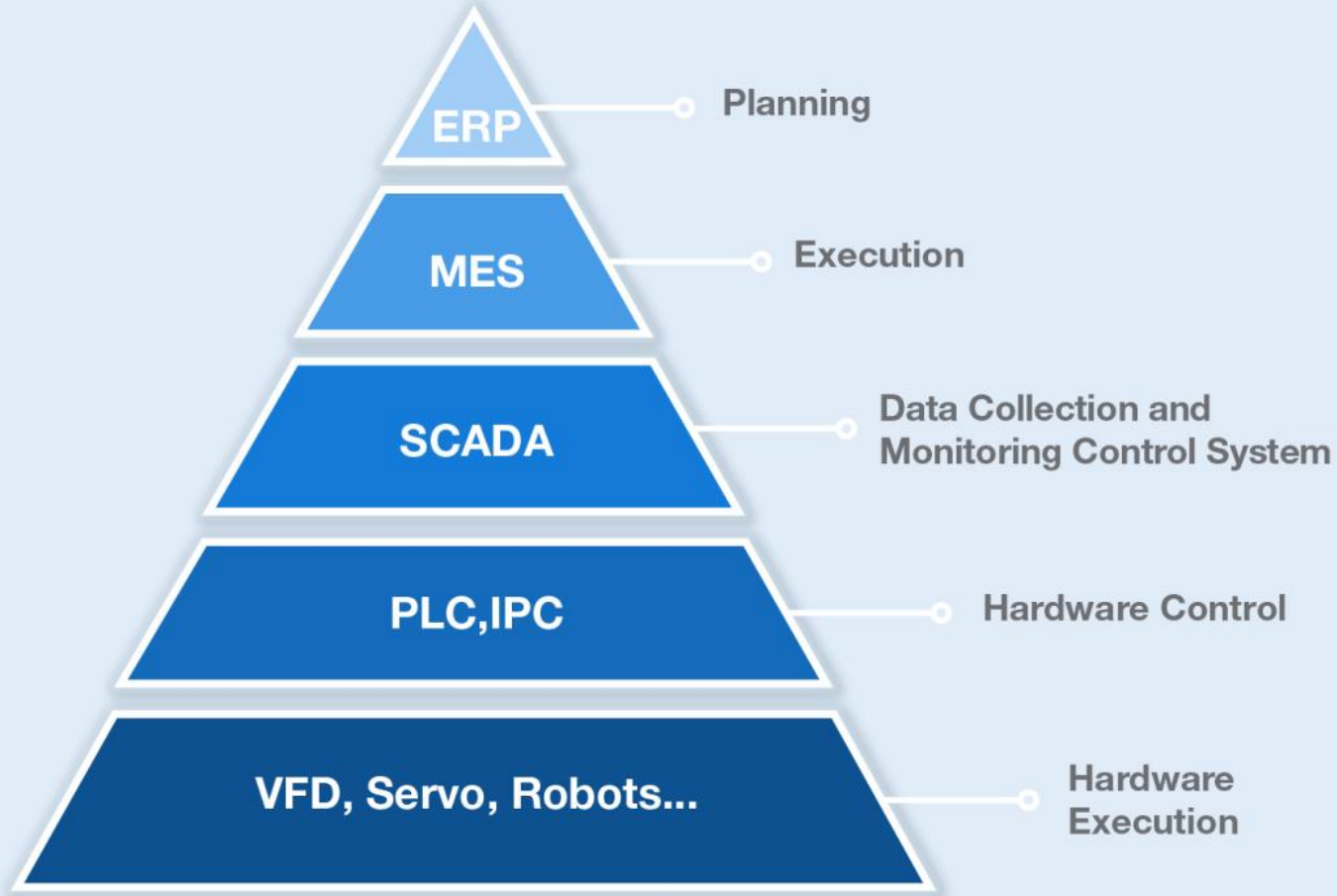
Quality assurance: IATF16949:2016 | ISO9001:2015 | ISO/IEC17025:2017 | ISO/TS22163: 2017

Environmental Management System: ISO14001:2015 | OHSMS: ISO45001:2018





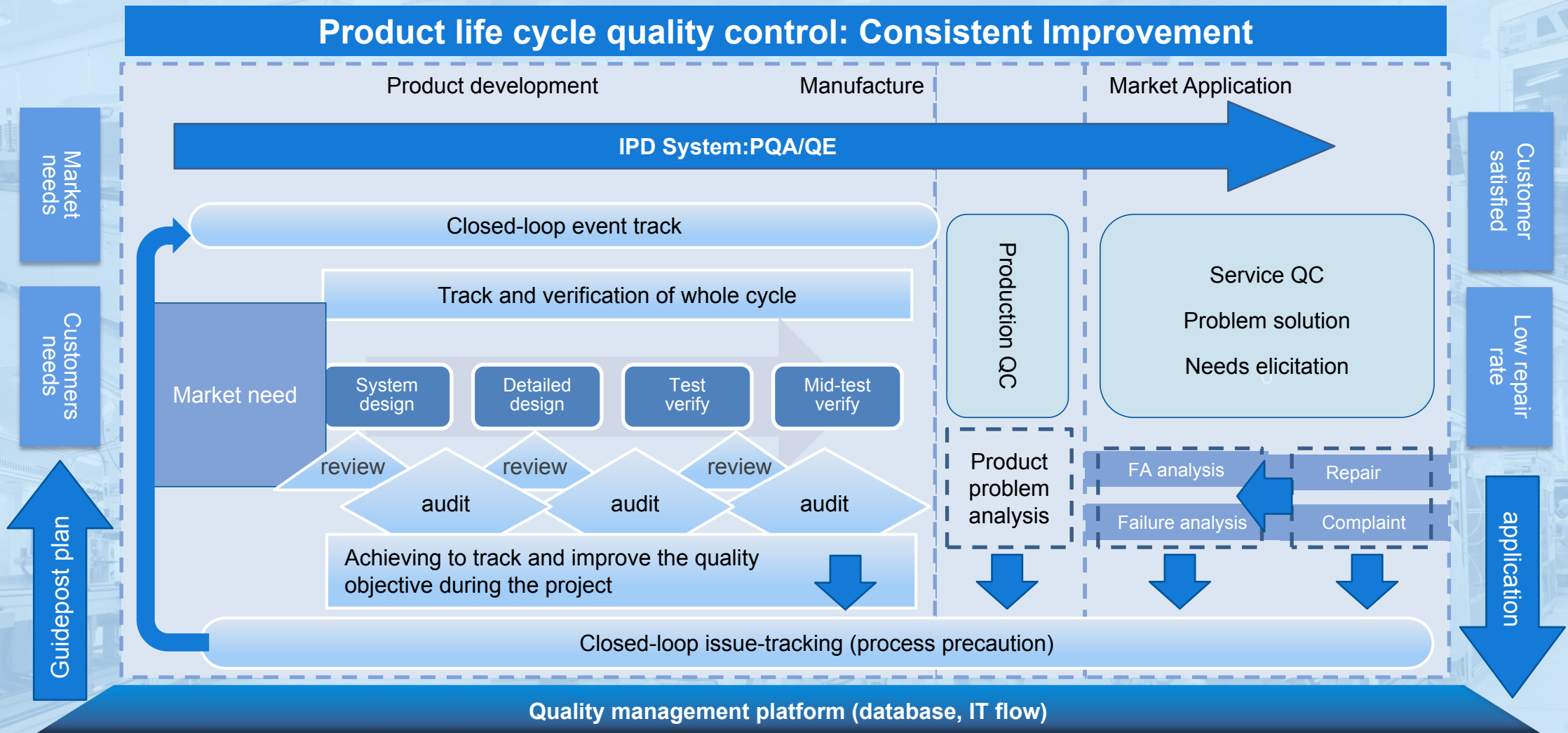
Integrated Supply Chain



- Digital Factory Mgmt (MES+)
- Automatic Production
- Central Nervous System
- Work Position Mgmt
- Intelligent Scenarios
- Work Order Mgmt



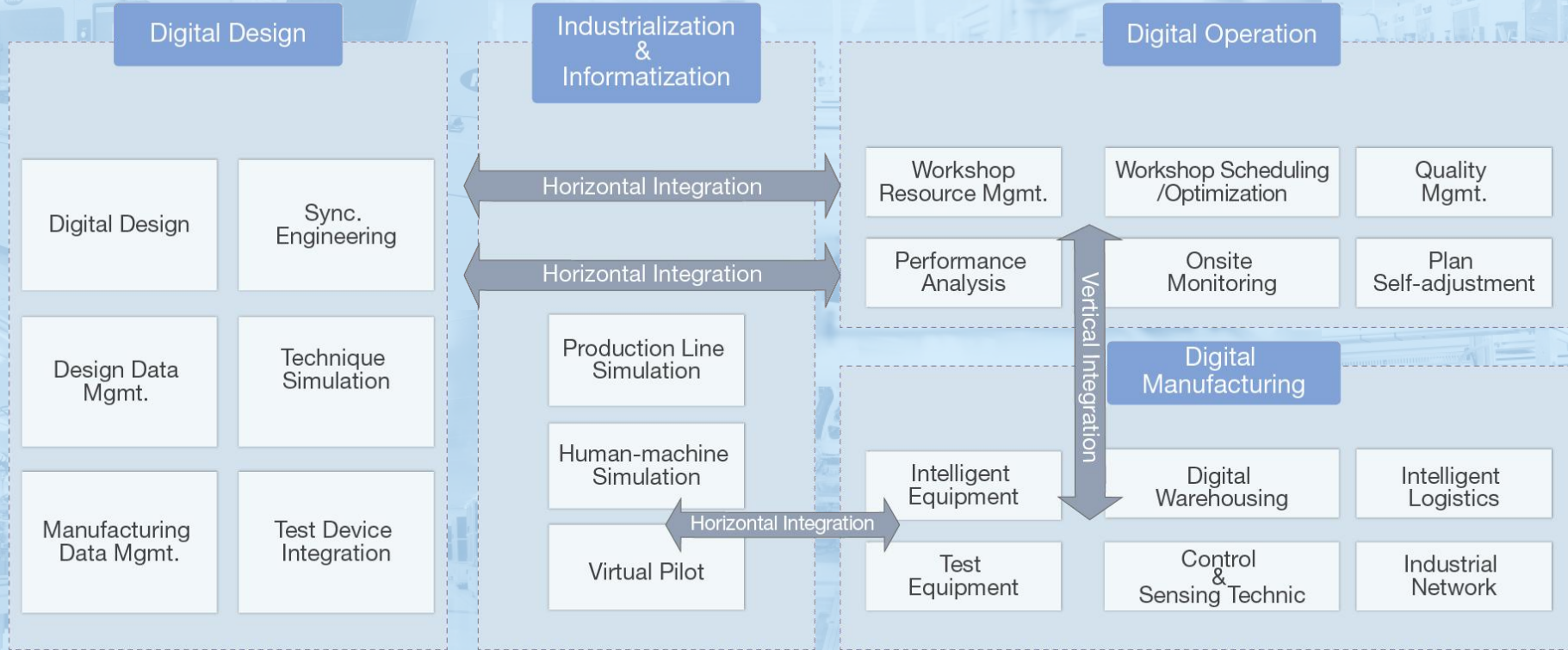
Integrated Supply Chain





Integrated Supply Chain

Product Information Decision-making

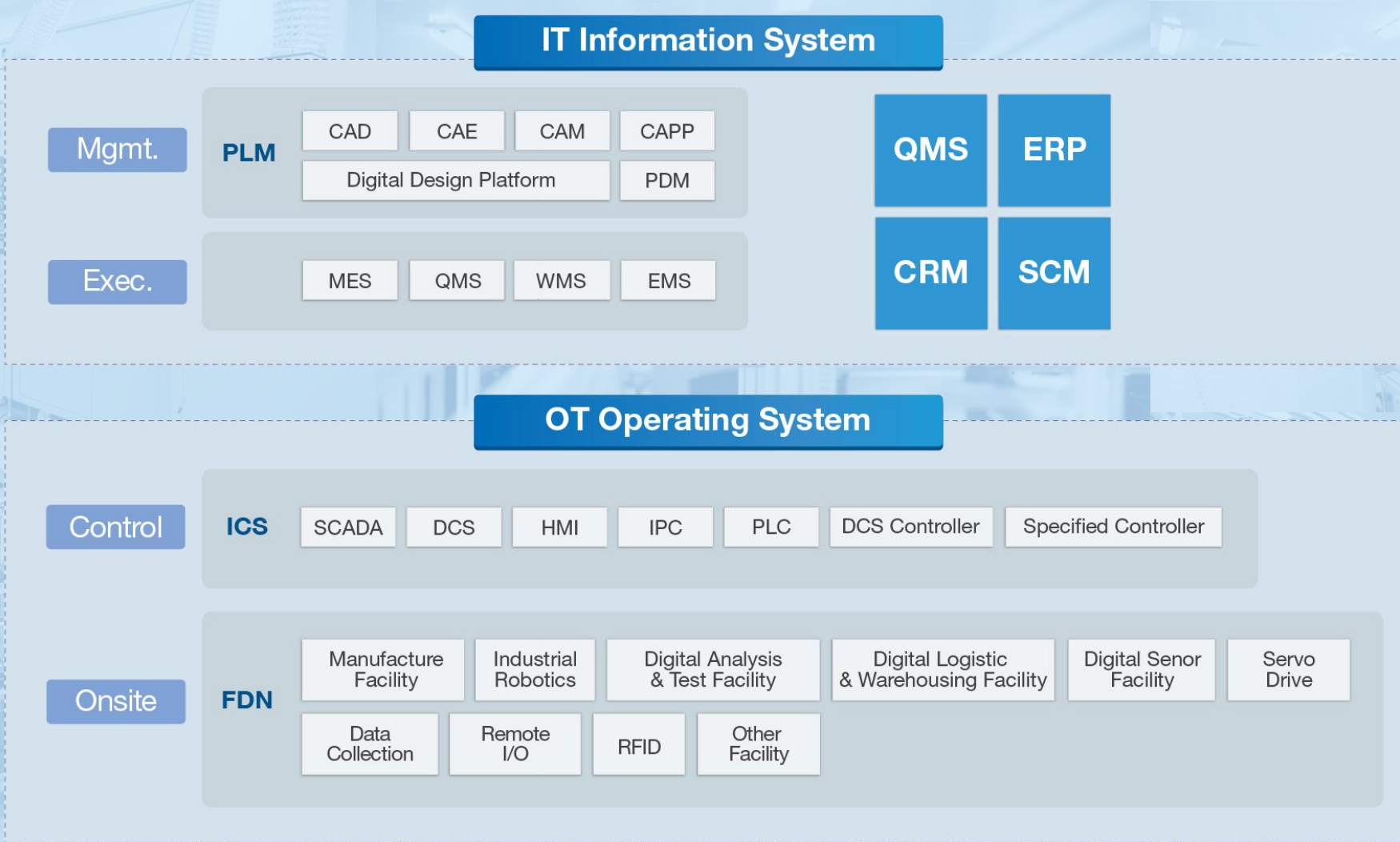


Factory Information Decision-making

Main Data Platform

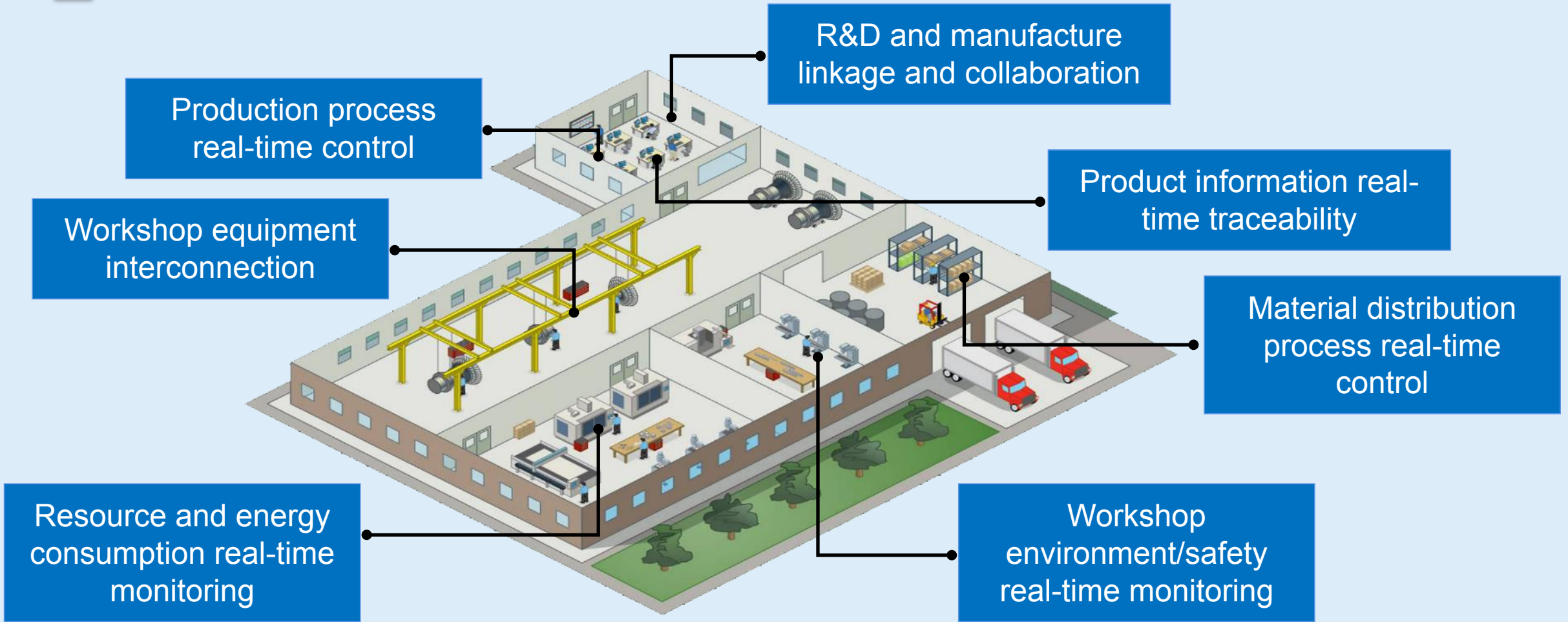


Integrated Supply Chain





Smart Manufacturing



Visible, controllable, traceable in the whole process from order received



INVT Cloud



**Your Trusted
Industry Automation Solution Provider**