

INVT GROUP

19 March. 2018



Contents

About INVT

Business Overview

Operation & Support

Brand & Culture



Part 1

- **About INVt**

Business Overview

Operation & Support

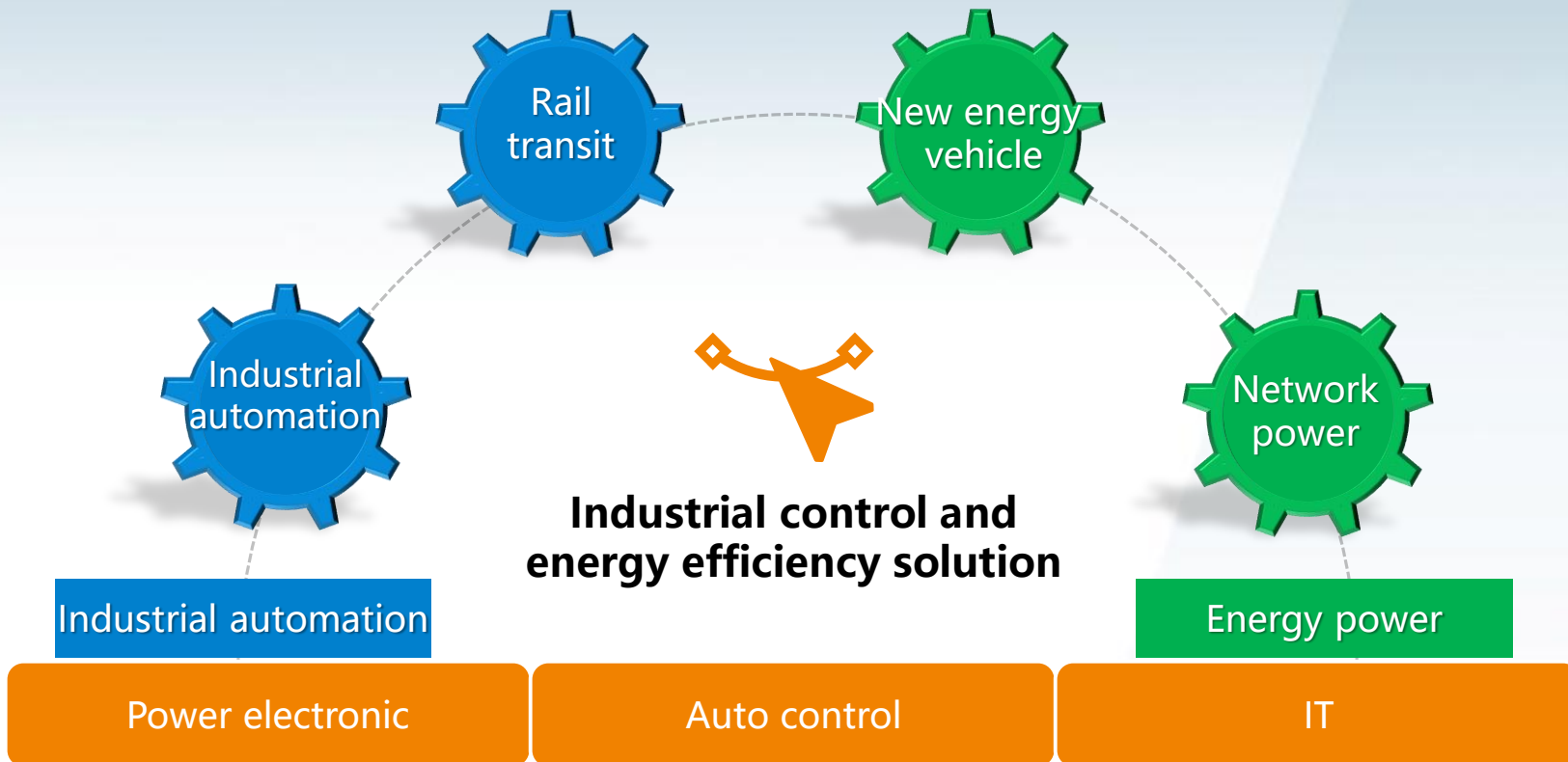
Brand & Culture



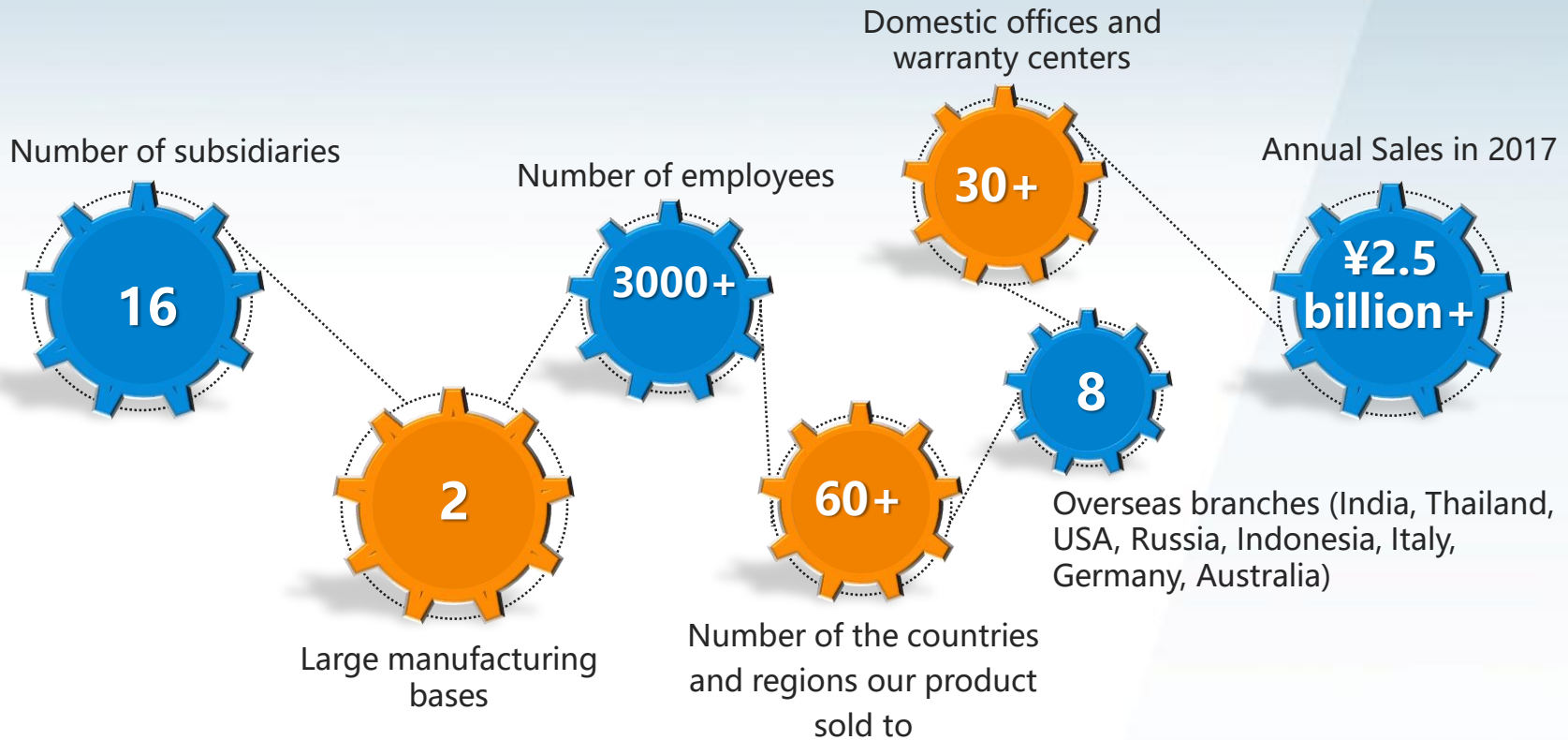


Vision: To be the globally leading and respected provider for products and services of industrial automation and energy power!

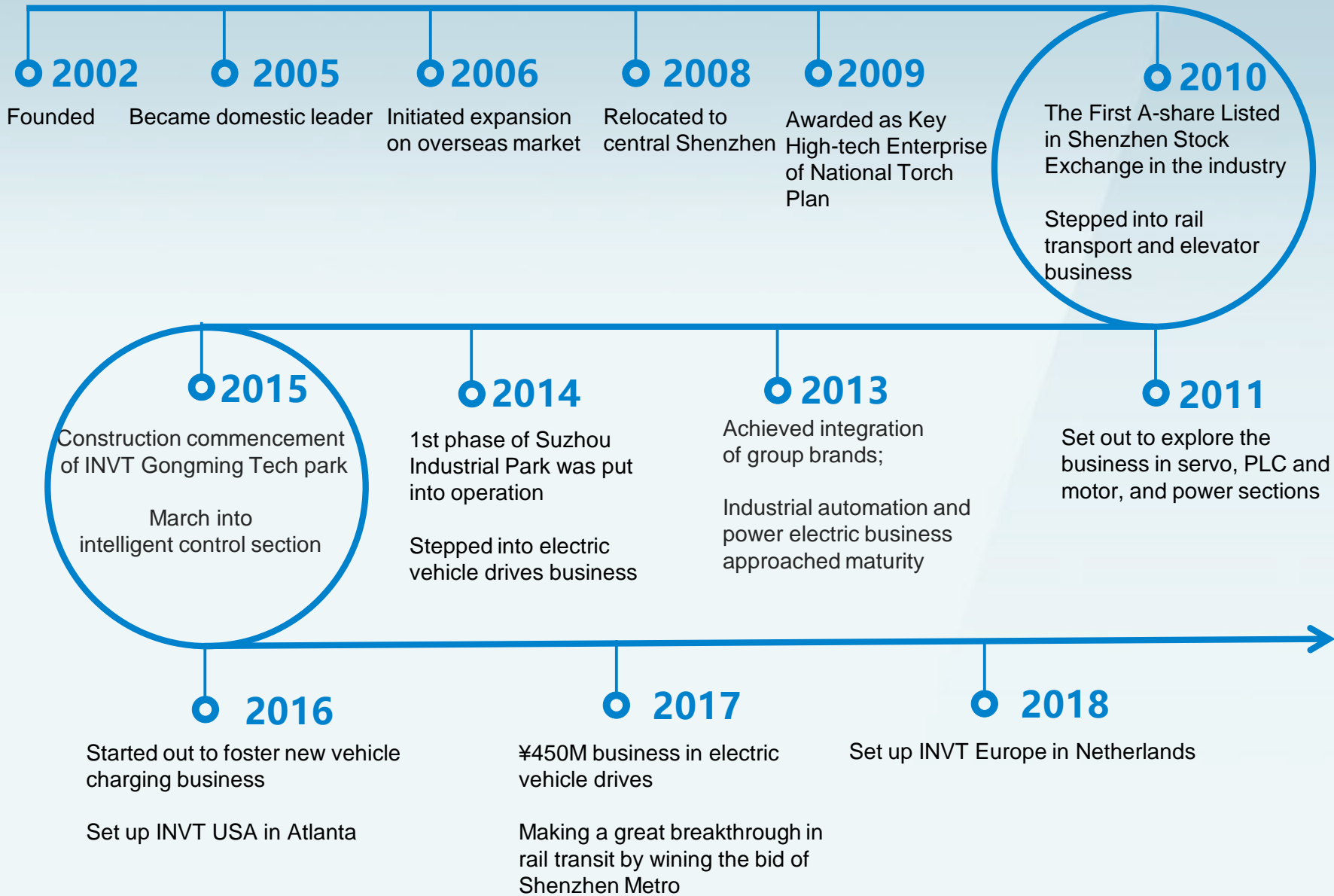
Business philosophy: Market - oriented and Customer – centric



Company Profile



15 Years of Development



Part 2

About INVT

- **Business Overview**

Operation & Support

Brand & Culture

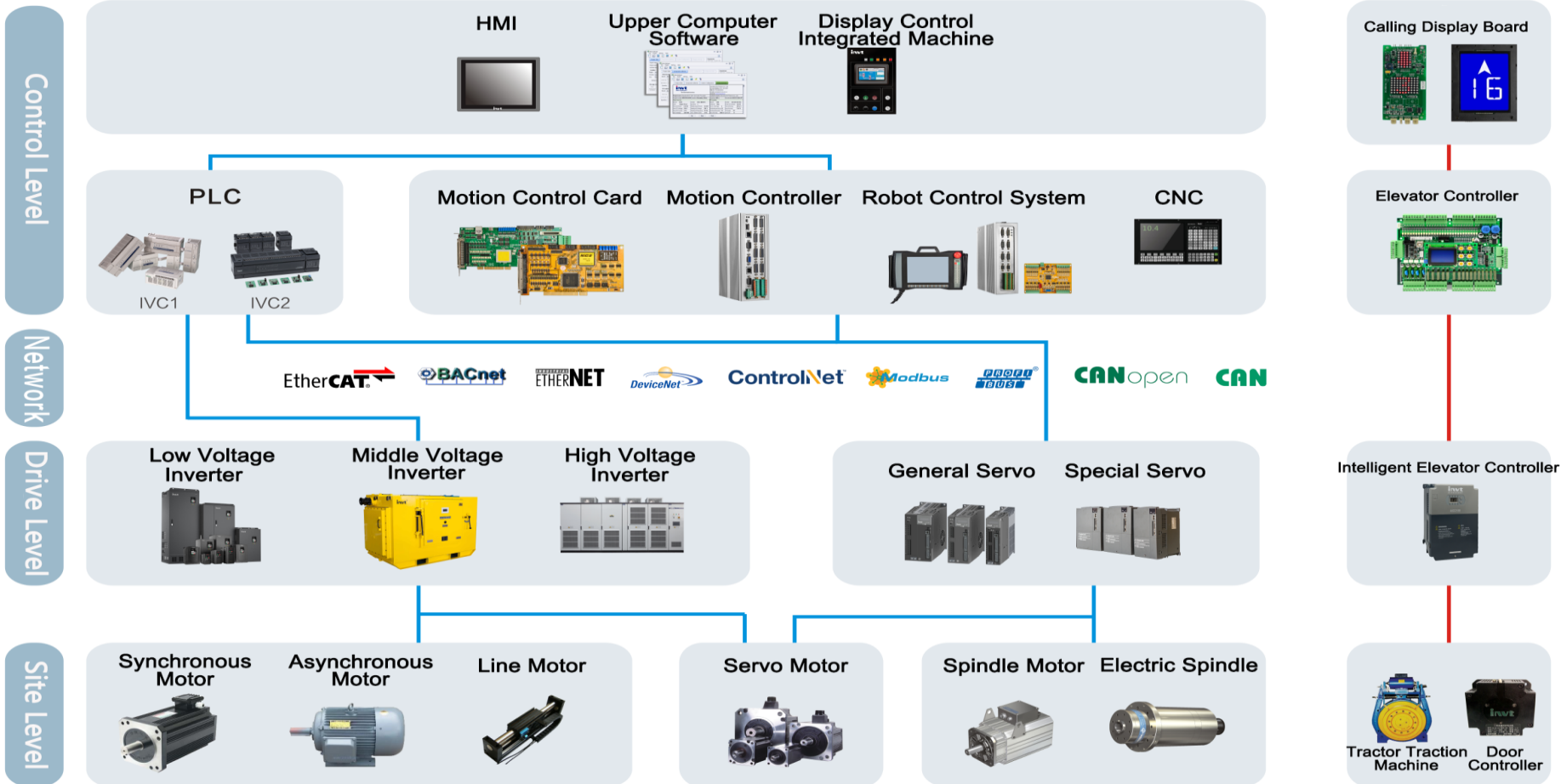
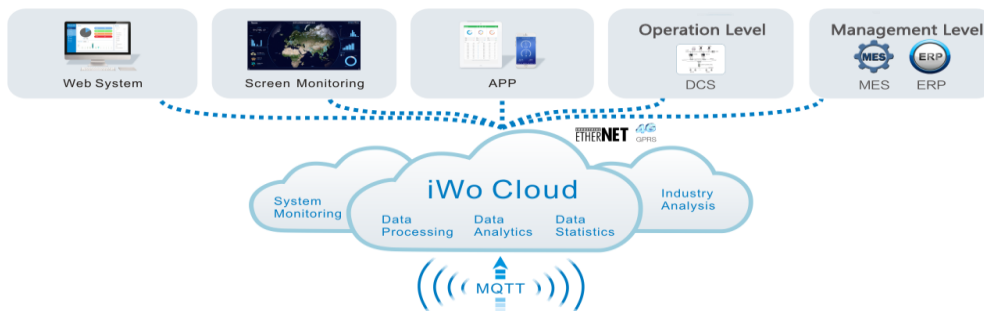


15 Years' Development, Millions of Users

Industrial
Automation



Industrial automation system solution



Electronic device	Robot	Loom	Rubber and plastic	Machine tool	Air compressor	Elevator	Construction machine
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Metallurgy	Electric power	Mining	Hoisting	Petroleum and petrochemical	Chemical	Building material	Municipal project...
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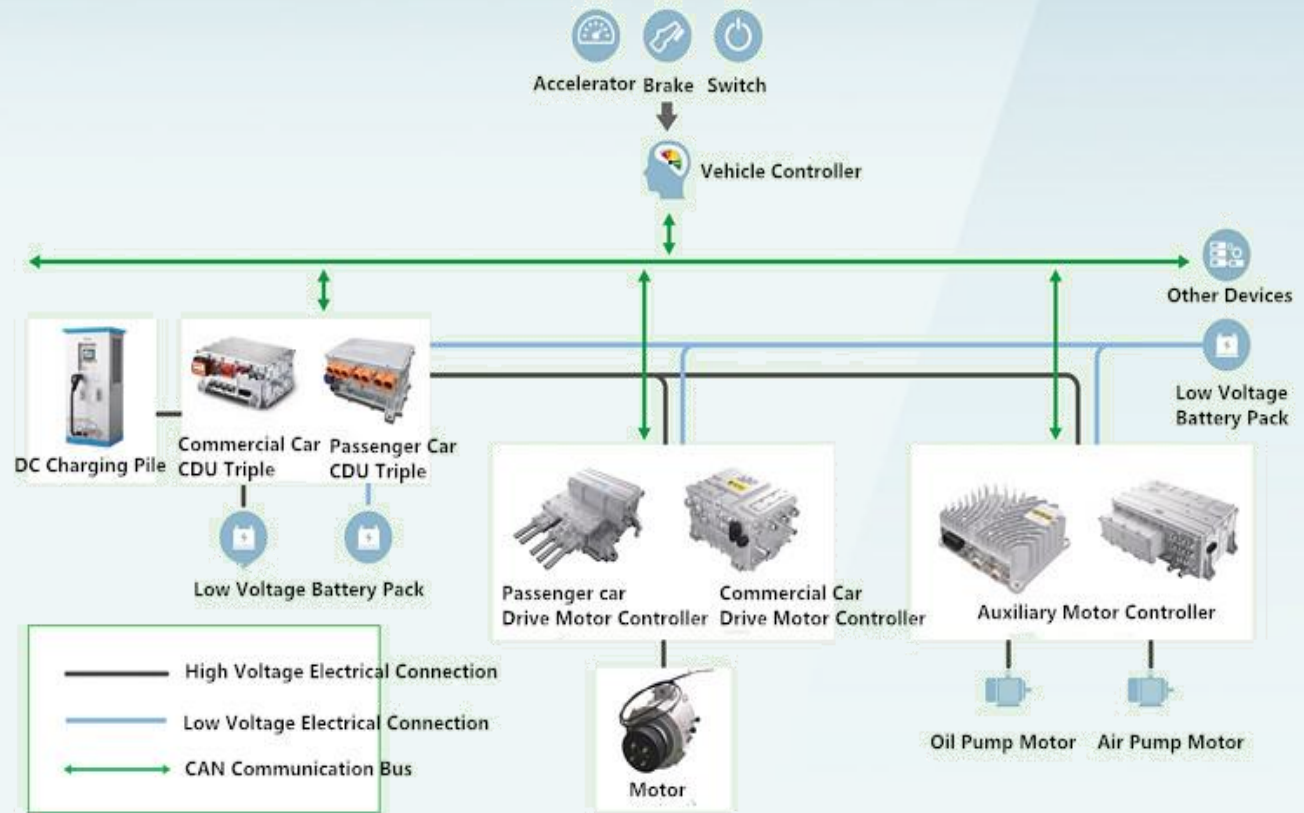
The background of the slide is a blurred image of an electric vehicle charging station. In the foreground, a white charging cable with a blue connector is plugged into a charging station. In the background, a white electric car is parked at the station. The overall color palette is light blue and white.

15 Years'
Exploration on Drive Technology
Developing Professional
Vehicle-level Drive Control Products

Annual Sales

¥78M in 2015, ¥200M in 2016, ¥450M in 2017.

Becoming the leading enterprise in domestic new energy vehicle drive industry in two years





Performance and batch application of mainstream models

Product applications total more than **50,000**, and annual growth rate reaches **300%**

Application model



Coach



Sanitation vehicle



Logistic vehicle



Passenger vehicle



Special vehicle



中国中车
CRRC



宇通客车
YUTONG



东风



宇通重工



汉腾汽车
HANTENG AUTOS



吉利汽车
GEELY AUTO



南京金龙



比亚迪汽车



大运汽车



唐骏汽车



众泰汽车
ZOTYE AUTO



华泰汽车
HAWTAI AUTOMOBILE



*Network
Power*

**Top 3 Industry Leader
Leading the Trend of UPS Power Industry**

Network Power-Data Center

Modular UPS
2nd largest market share
after HUAWEI

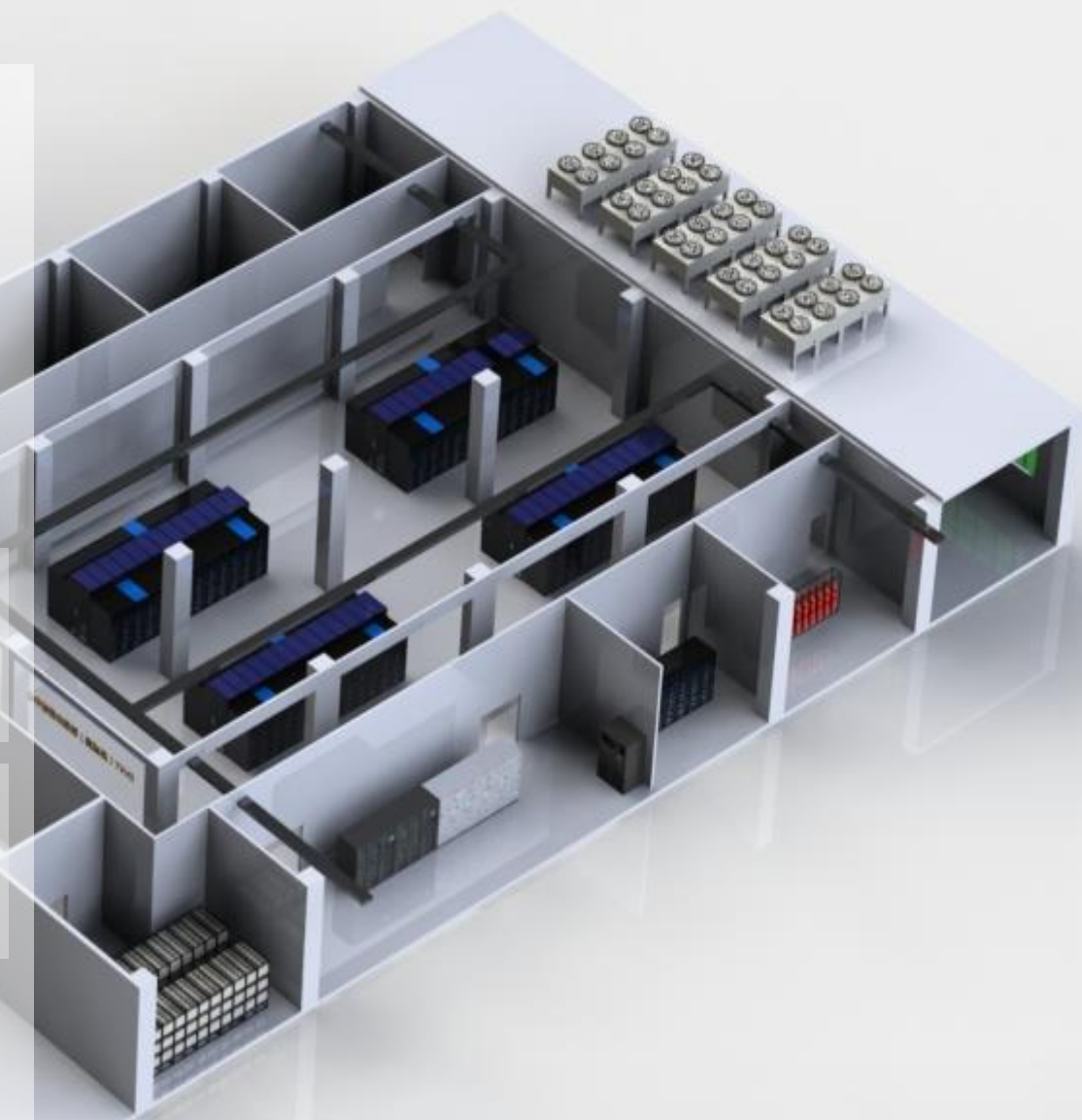
Data Center Solution

**Closed Channel
System**

**Power
Supply/Distribution
System**

**Power
Supply/Distribution
System**

**Electronics
Management
System**



INVT data center safeguards the safety of power utilization in various industries

invvt



Sports event

2014 Sochi Winter Olympics,
Nanjing Olympic Sports
Center



TV media

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



Government agency

Yangtze River Maritime Affair Sys
Shanxi Seismological
Bureau, Shanghai Weather Bureau



Medical agency

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,



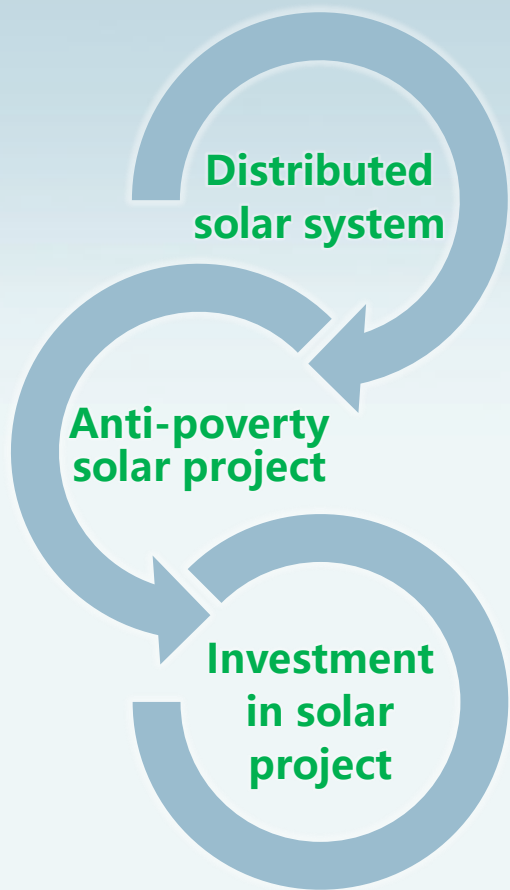
Transport

China Tower Chengdu No.
7/No.10 Metro Line, Hebei
Zhangcheng Highway

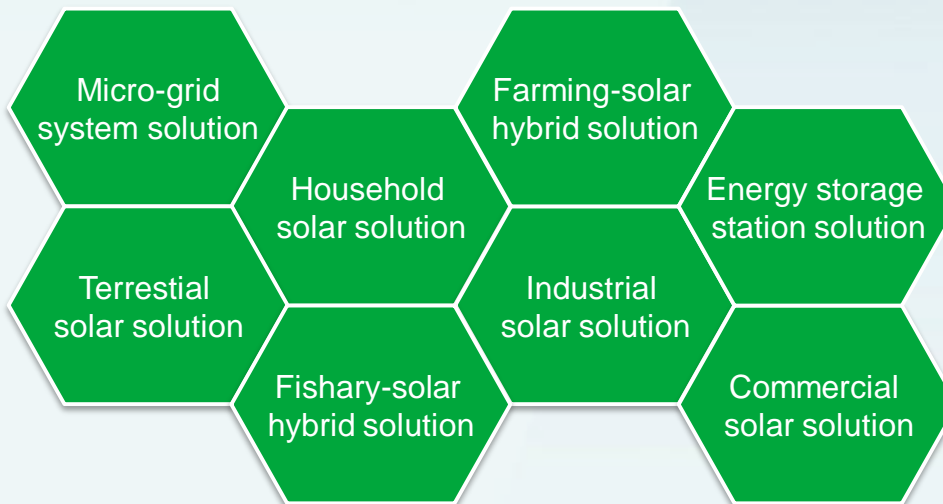
Network Power - Solar

Top 10 Inverter Brand in China
Design Award at GW Level





- Awarded “Top 10” brand in distributed/string inverter industry in China
- Awarded “Top 10” developer of distributed power station
- The only solar lab granted with subsidy from Shenzhen government



Application Cases of Solar Products

- Wenzhou Government Commercial Roof Project
- Changsha Medical Health Park Roof Project (1st phase)
- Zhejiang Jinhua Anti-poverty Project
- Fishary-Solar Hybrid Project
- Austrilia Terrestrial Project
- Germany Commercial Roof Project
-



Rail Transit

7 years' innovation

The First Rail Transit System independent R&D by Non-state-owned enterprise



Rail Transit

Guangzhou metro line 8 has been operating smoothly and safely for 210,000 km, which has passed the rigorous reviews held by China Association of Metros and earned the bid qualification domestically and abroad.

- Features **vector control**, **harmonic control**, **low noise** and **light weight**; Proved to be safe, reliable, sophisticated, energy efficient and comfortable through various tests and operational reviews.
- **Hundreds of technological achievements in rail transit traction system**, 64 of which have been granted authorization.



Part 3

About INVT

Business Overview

● **Operation & Support**

Brand & Culture



Grasp user needs and macro trend to lead internal innovation



External exchange and cooperation

Stay sensitive to user's needs and technology trend for continuous innovation and perfection

Industry-University-
Research units

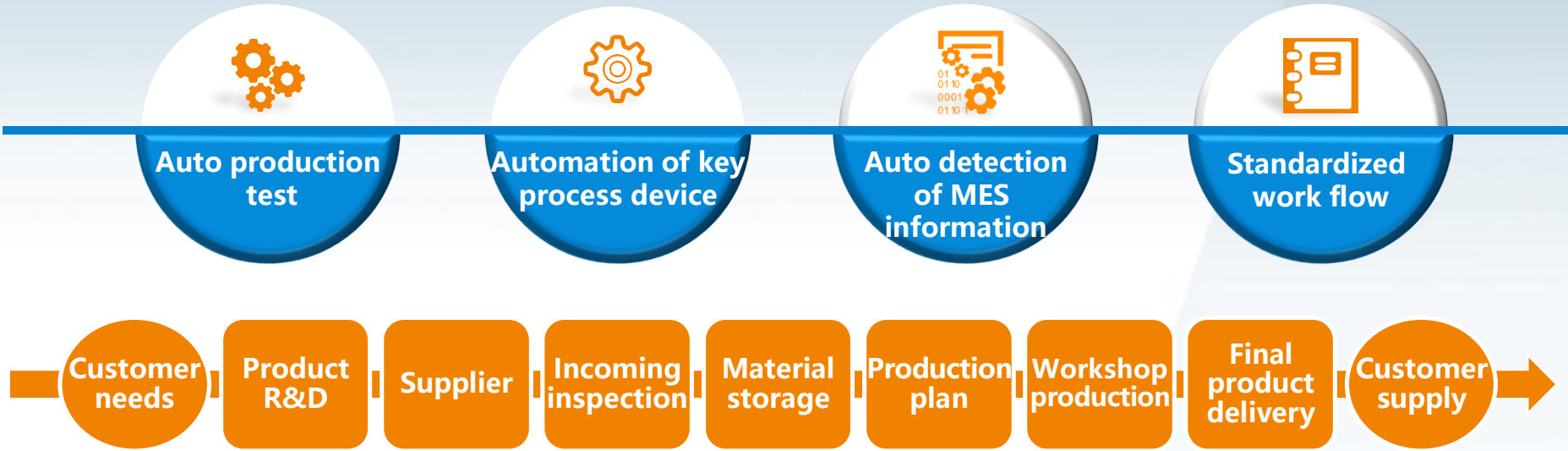
Device
supplier

Certification agency and
standard-setting body

User/major
client



Scientific supply chain management to safeguard delivery quality and efficiency

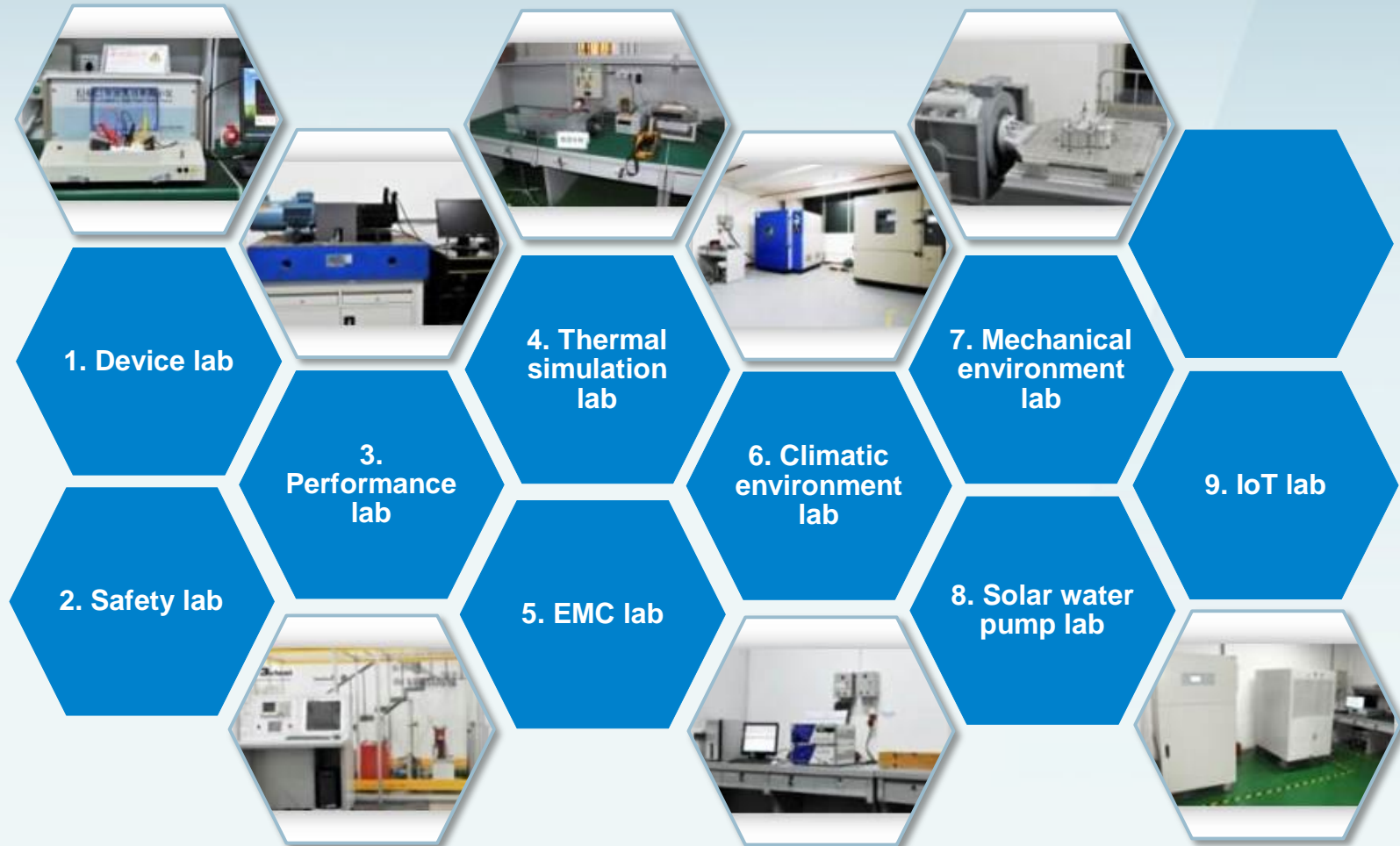


Quality assurance: ISO9001: 2008 | ISO14001: 2004 | ISO/IEC17025: 2005 | OHSAS18001: 2007



Lab Qualification

CNAS National Lab / UL-WTDP/ The First Manufacturer Obtaining ACT by TUV SUD in the industry in China



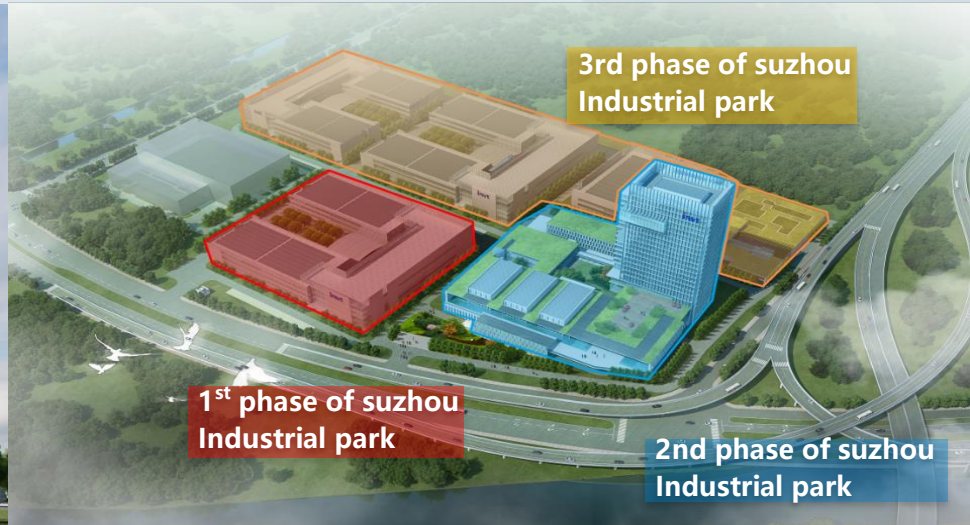


Two large new bases to ensure business development



Shenzhen Gongming Scientific Industrial Park

The headquarter and incubator of new products and business R&D



Suzhou Industrial Park

Core industry base and R&D center in East China

Production Capacity

Base	Capacity	Product line	Planned capacity (single shift)
South China/ Shenzhen	Designed capacity: 2 billion per year	Charging pile	42,000 pcs
		Electric vehicle	72,000 pcs
		UPS	48,000 pcs
		Solar	78,000 pcs
East China/ Suzhou	<ul style="list-style-type: none"> 1st phase: Intelligent auto production line capable of delivering 1.5 billion capacity 2nd phase: A comprehensive industry base integrating business with R&D to provide industry control and energy efficiency solutions. 3rd phase: Large-scale production area and logistic center to satisfy 10 billion capacity 	Servo	200,000 pcs
		Low voltage	300,000 pcs
		Medium voltage	500 pcs
		High voltage	600 pcs
		Others	300,000 pcs

Auto Production Planning

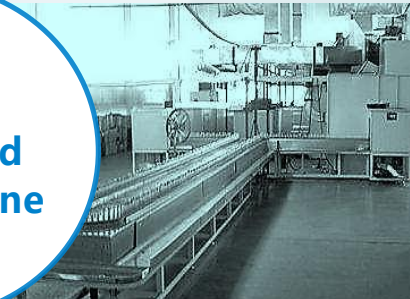


Auto integrated assembly line

The integrated production line is embedded with auto work station to achieve a flow manufacturing mode

Achieve conformal spraying and solidification on both sides at once, improving spraying quality and reducing the cost of production.

Auto integrated spraying line



AGV auto material delivery & warehouse system

Regulate material distribution manner, reduce operation cost and improve production efficiency

Quality Management

	System Certification	Product Certification
Achieved	TS16949: 2009	  
	ISO14001: 2004	
	ISO9001: 2008	
	OHSAS18001: 2007	
	ISO/IEC17025: 2005	
In progress	ISO27001: 2013	 
	RoHS	
	REACH	
	GJB9001B: 2009 (power)	
	ISO/TS22163: 2017 (IRIS) (rail transit)	



Overseas Sales and Service Network

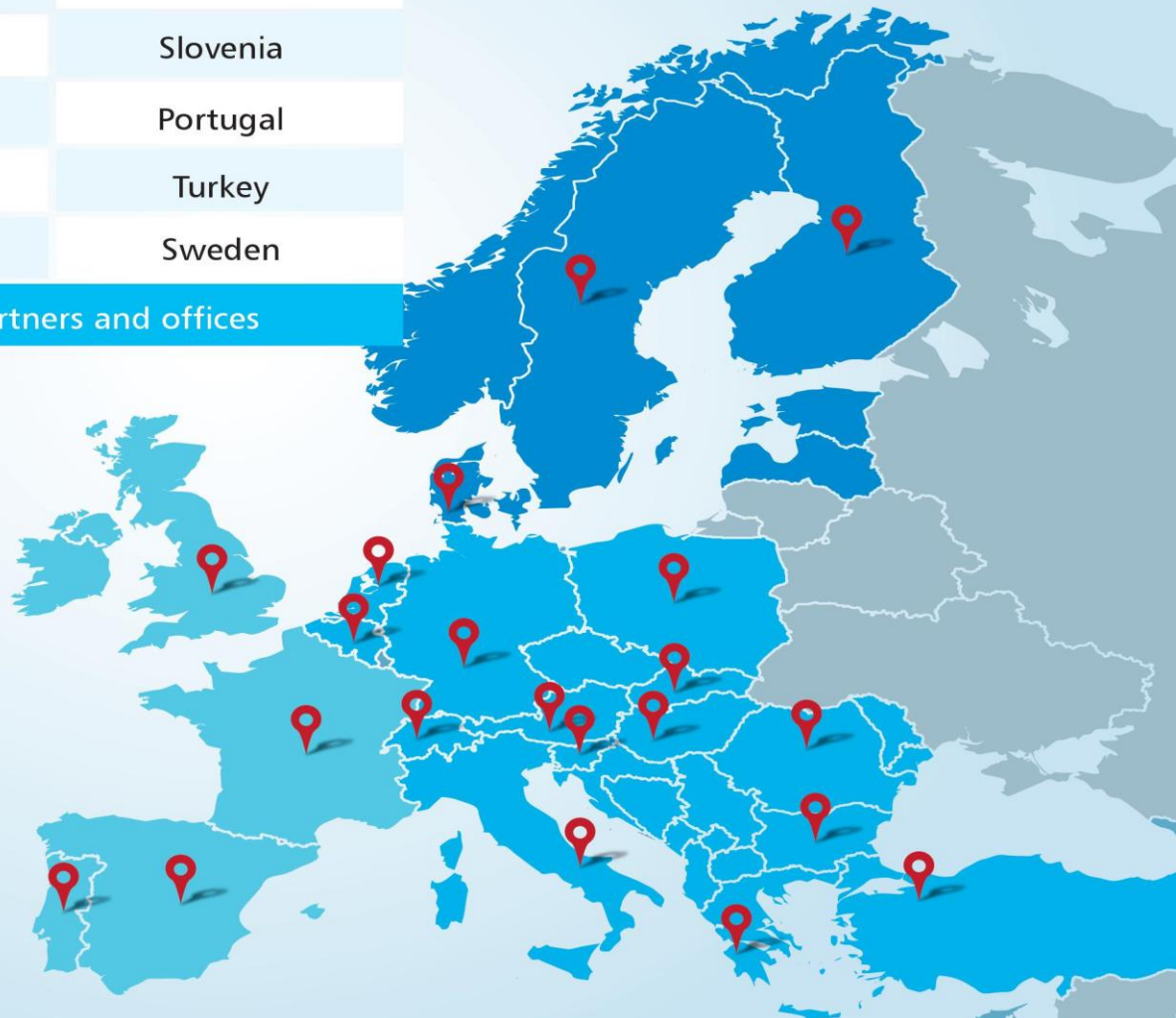


- 50+ overseas distributors and partners.
- 8 overseas branches (India, Thailand, USA, Russia, Indonesia, Netherlands, Germany and Australia) and 13 overseas warranty service.

● INVT Sales & Service in 12 countries
● Sales and service partners in 63 countries

European Network

Austria	Bulgaria	Belgium
Germany	France	Finland
Italy	Romania	Macedonia
Switzerland	Slovakia	Slovenia
Greece	Hungary	Portugal
Poland	Denmark	Turkey
Netherlands	United Kingdom	Sweden
Spain	By our partners and offices	



- Totally **40** partners in Europe
- **130%** growth rate from 2016 to 2017
- 1 after-service center in Leiria Portugal
- 1 subsidiary company in Rotterdam Holland

Domestic Sales and Service Network



- 100+ cooperative distributors across the country.
- 30+ offices and warranty service centers to provide efficient service.



- 7×24 national service hotline to provide service and consultancy.
- Maintenance stations and service centers to back up sales activities
- Product inspections provides face-to-face service for customers annually.
- Training courses on maintenance engineer certification are open to the public
- Service quality tracking system to improve service quality and convenience for users.



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兹授权：
佛山市荟诚贸易有限公司，为英威腾集团

联保中心

区域：佛山、肇庆、广州、清远、中山
产品：低压变频器

董事长：黄申力

深圳市英威腾电气股份有限公司
授权有效期：2016年5月1日-2017年4月30日



Part 4

About INVT

Business Overview

Operation & Support

• **Brand & Culture**

services

advice

help

Global Exhibition

invt



Germany SPS IPC Drive



Germany HANNOVER MESSE



Germany CEBIT HANNOVER



Russia INNOPROM



Netherlands Solar Solutions



Germany INTERSOLAR

Global Exhibition



Thailand Manufacture Expo



CHINA
INTERNATIONAL INDUSTRY FAIR



India Automation Expo



China Cippe Exhibition



DuBai MEE EXPO



India IEE EXPO

Brand Commu-nication

Customer Communication

Manager-level visit

Customer care

Partner conference

Customer visit

Promotion

WeChat, Weibo, Facebook...

Audio/video

Industry portal

Official site

Search engine

EDM

Community & forum

Event

Industrial exhibition

iDAY discussion

Industrial forum

Test-run activities

Industrial journal

Interviews & reports

In the next decade, INVT will continue to take "Pursue Honesty and Integrity, Professionalism and Excellence" as our business concept, enhance core business sectors including industrial automation, new energy vehicle, network power and rail transit based on electric electron, auto control and information technologies, and vigorously cultivate business, which is related to robot and intelligent manufacturing, industrial IoT and new energy.

INVT strives to become an international professional group, which has the capacity to deliver leading technologies, excellent products, highly efficient management, robust profitability and integrated system solutions.





INVT Cloud



***Your Trusted
Industry Automation Solution Provider***