

Integrated

MANUFACTURING

Service from Vietnam



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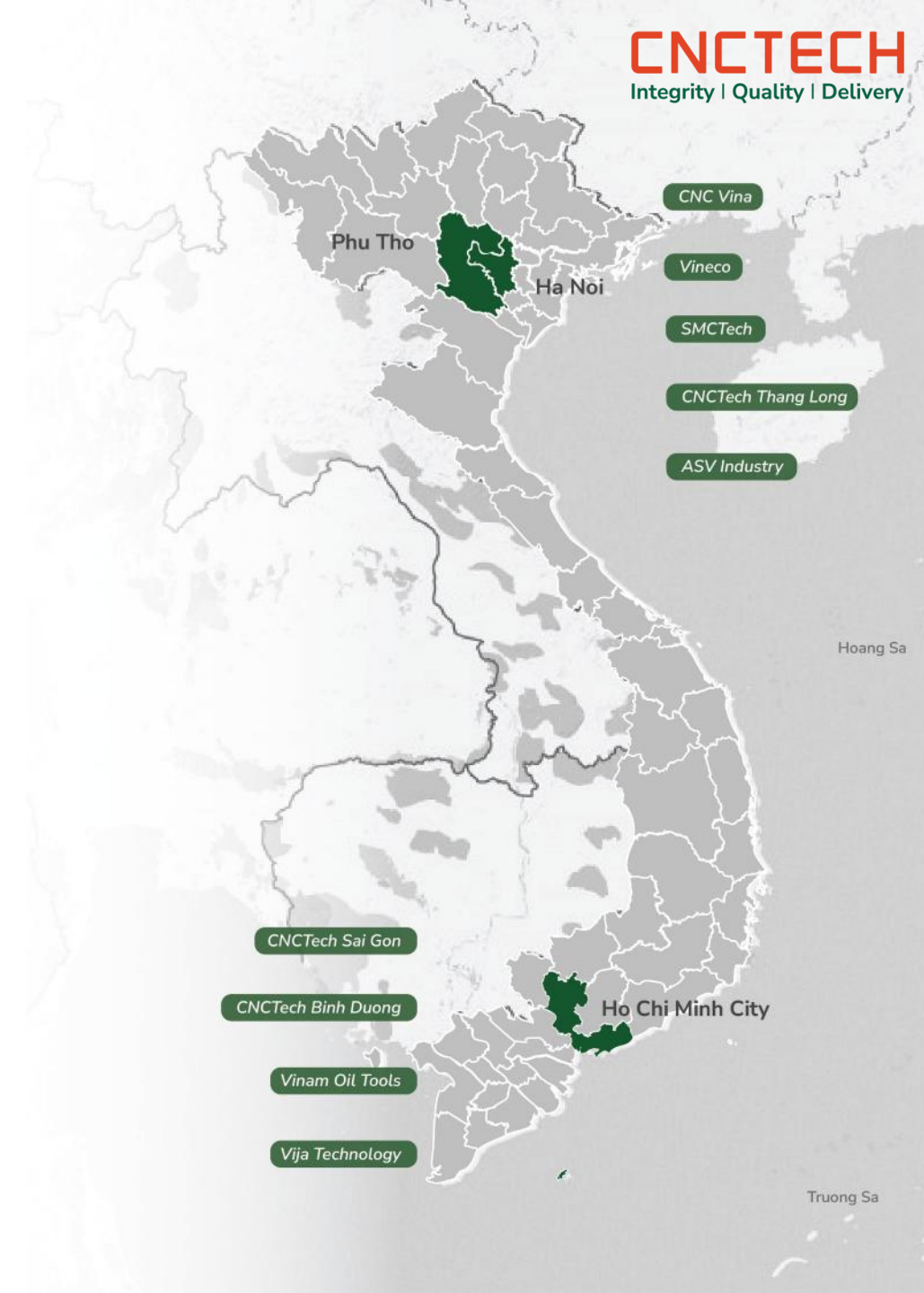
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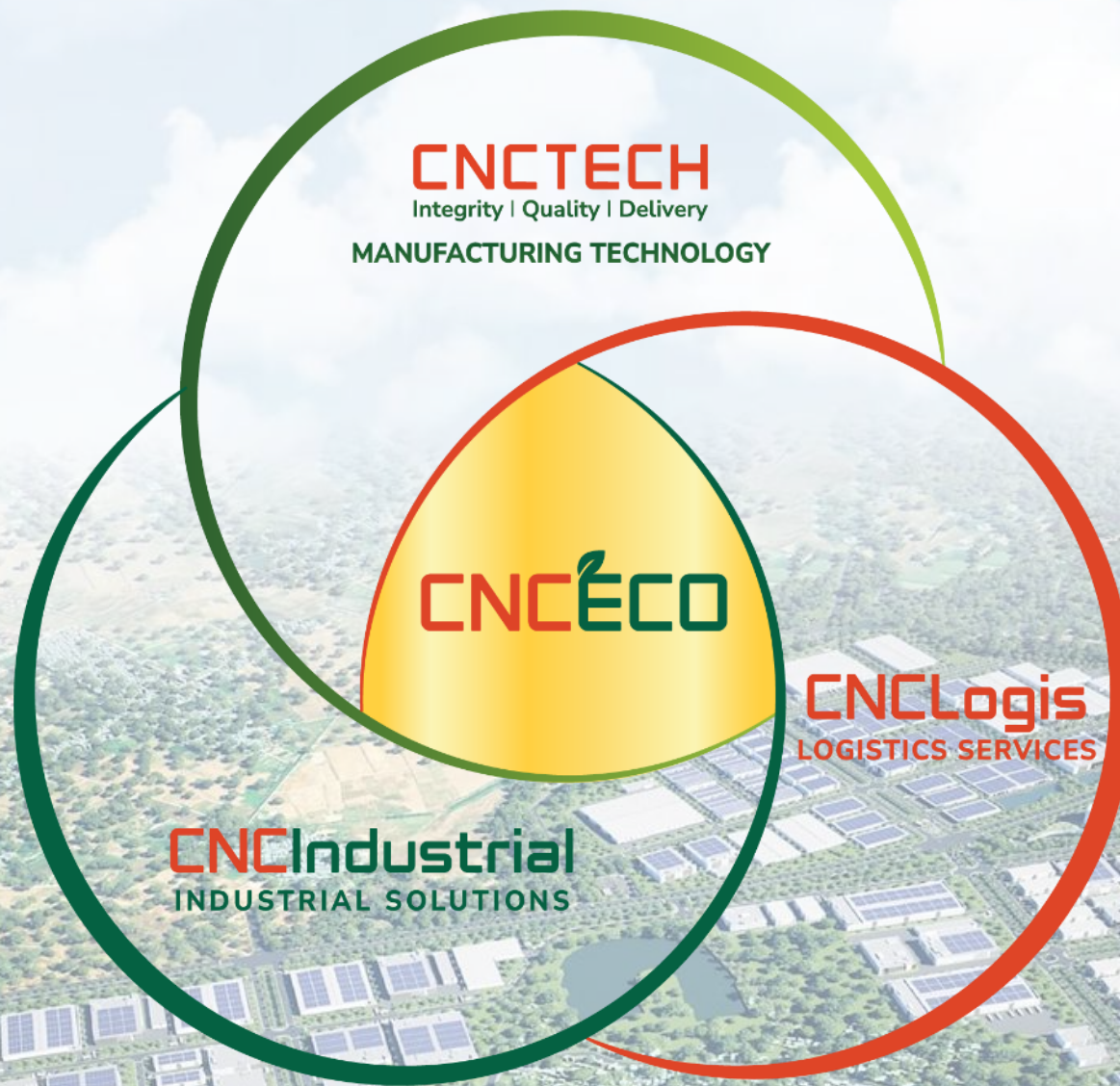
Production Facilities

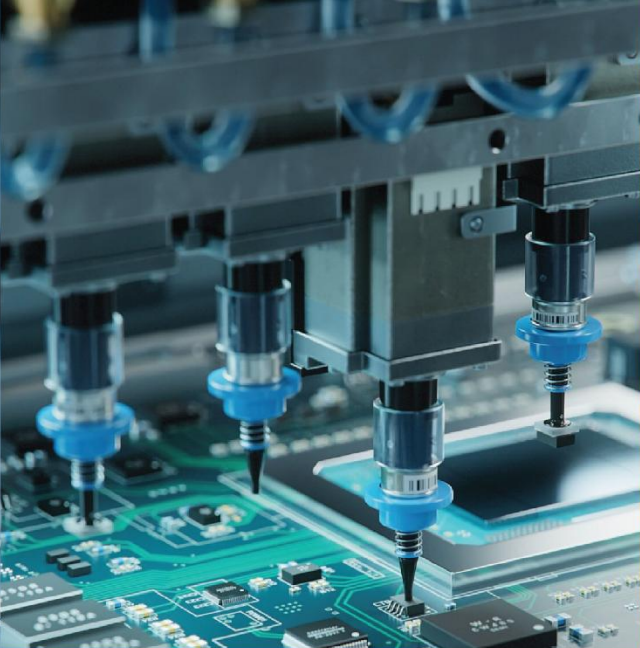
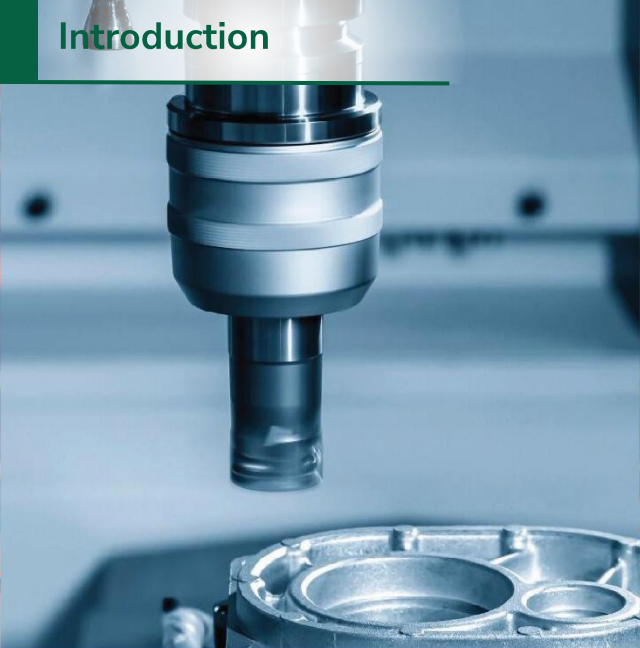
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Community

CNCTECH
Integrity | Quality | Delivery







MANUFACTURING TECHNOLOGY



60,000m²
8 factories



400+
Machining Centers



2,000
People



300+
Molds/ year



77+
Injection Centers



500+
Integrated Systems/ year

2008 - 2015 ›

Startup journey from a CAM workshop to an integrated manufacturing platform.

2016 - 2021 ›

Expanded investments and M&A with companies in automation, oil & gas, and electronics, gradually building a more integrated manufacturing ecosystem.

2022 - 2025 ›

Continued to scale up, investing in technical excellence and management capabilities, positioning the Group for global growth.

2026 - 2030 ›

Further scaling up, focusing on investment to become a tier-1 and tier-2 supplier to machinery manufacturers in the semiconductor, automotive, medical device, and aerospace industries.

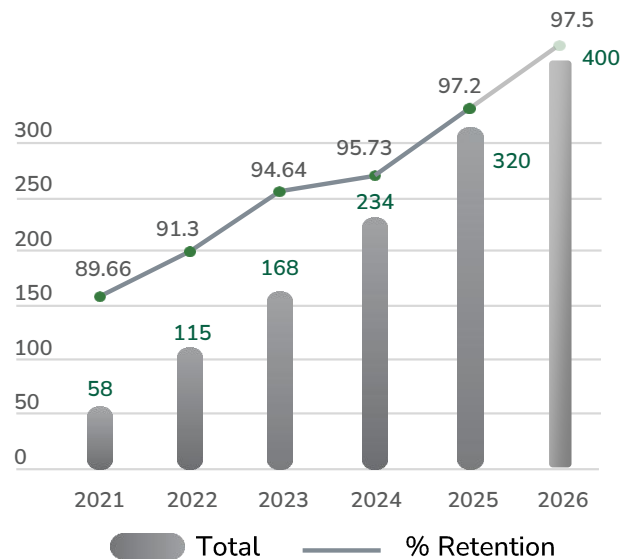
- 2008**
Founded as a CAM workshop
- 2010**
Opened first precision machining facility in Binh Duong
- 2013**
Established joint venture with a Japanese partner in precision machining
- 2015**
Opened tooling & molding and precision machining facility in Hanoi

- 2018**
 - Completed M&A with VKX (EMS sector)
 - Invested in VINAM Oil Tools and SMCTech
- 2019**
 - Established Saigon factory
 - Invested in Skylight, Mentech, Vineco, and CNC Vina.
 - Acquired Framas Bac Ninh
- 2021**
Relocated headquarters and main production to CNCTech Thang Long

- 2024**
 - Launched integrated manufacturing services
 - Initiated global market expansion
 - Expanded manufacturing capacity
- 2025**
 - Completed M&A with ASV (Automation Equipment and Precision Engineering Trading Company)
 - Expanded into global markets through strategic exhibitions and partnerships (US, EU, Asia)
 - Strengthened partnerships in semiconductor and high-tech industries
 - Advanced quality systems toward international standards (AS9100 readiness)

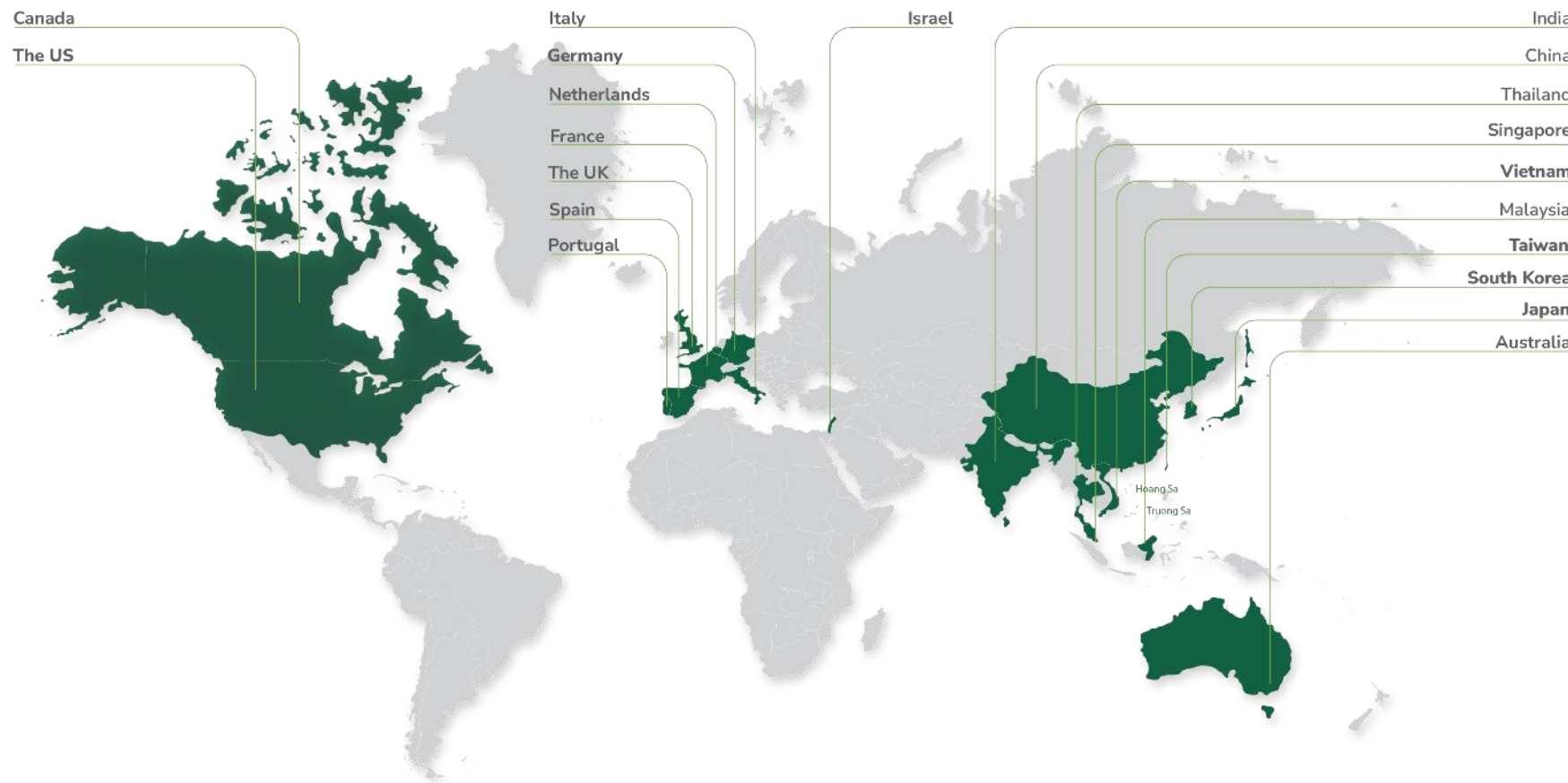
Market	Industry
Japan	Machinery & Automation Equipment
The US	Oil & Gas Industry
Europe	Semiconductor
Asia	Automotive
Vietnam	Aerospace
	Medical Device

Number of Customers



320
Overseas Customers

35
Countries







Founder, Chairman of the Board of Directors
Executive President

Founder & President

Mr. Nguyen Van Hung

Founder and Chairman of CNCTech from 2008 to present. As a decisive leader with a deep understanding of the technology industry and industrial infrastructure, and with the belief that 'nothing is impossible', he always leads CNCTech forward, never wavering in the face of difficulties and challenges.

- Third-class Labor Medal in 2023
- Top 10 Red Star Entrepreneurs of Vietnam in 2022
- Top 60 Outstanding Entrepreneurs in 2022
- Top 13 typical entrepreneurs of Vinh Phuc province in 2022
- Prime Minister's Certificate of Merit in 2019
- Chairman of Vietnam Investment & Startup Club
- Member of Red Star Entrepreneur Club
- Member of the Central Committee of Vietnam Young Entrepreneurs Association
- Member of the Executive Committee of Hanoi Young Business Association
- Chairman of Phu Tho Provincial Business Association
- Provincial People's Council Member of Phu Tho



Dr. Nguyen Trung Kien
Vice President, CEO – CNCTech Group



Dr. Mai Anh Tuan
CEO – CNC Nexora



Mr. Dang Thanh Nhan
CEO – SMCTech



Mr. Nguyen Huu Long
Project Director – CNCTech Thang Long



Mr. Andreas Eberle
Sales Representative – European Market



Mr. Dao Anh Van
CEO – CNC Vina



Mr. Hoang Huu Chung
CEO – Vinam Oil Tools



Mr. Vo Hong Ha
CEO – Vineco



Mr. Le Nguyen Phat Hung
CEO – Vija Technology



Mr. Diep Bao Vinh
CEO – ASV Industry



Mr. Nguyen Duc Thanh
D.CEO – SMCTech

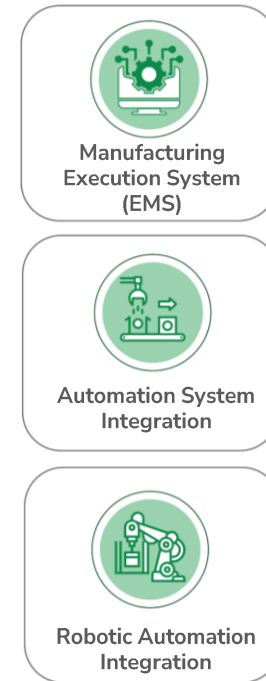
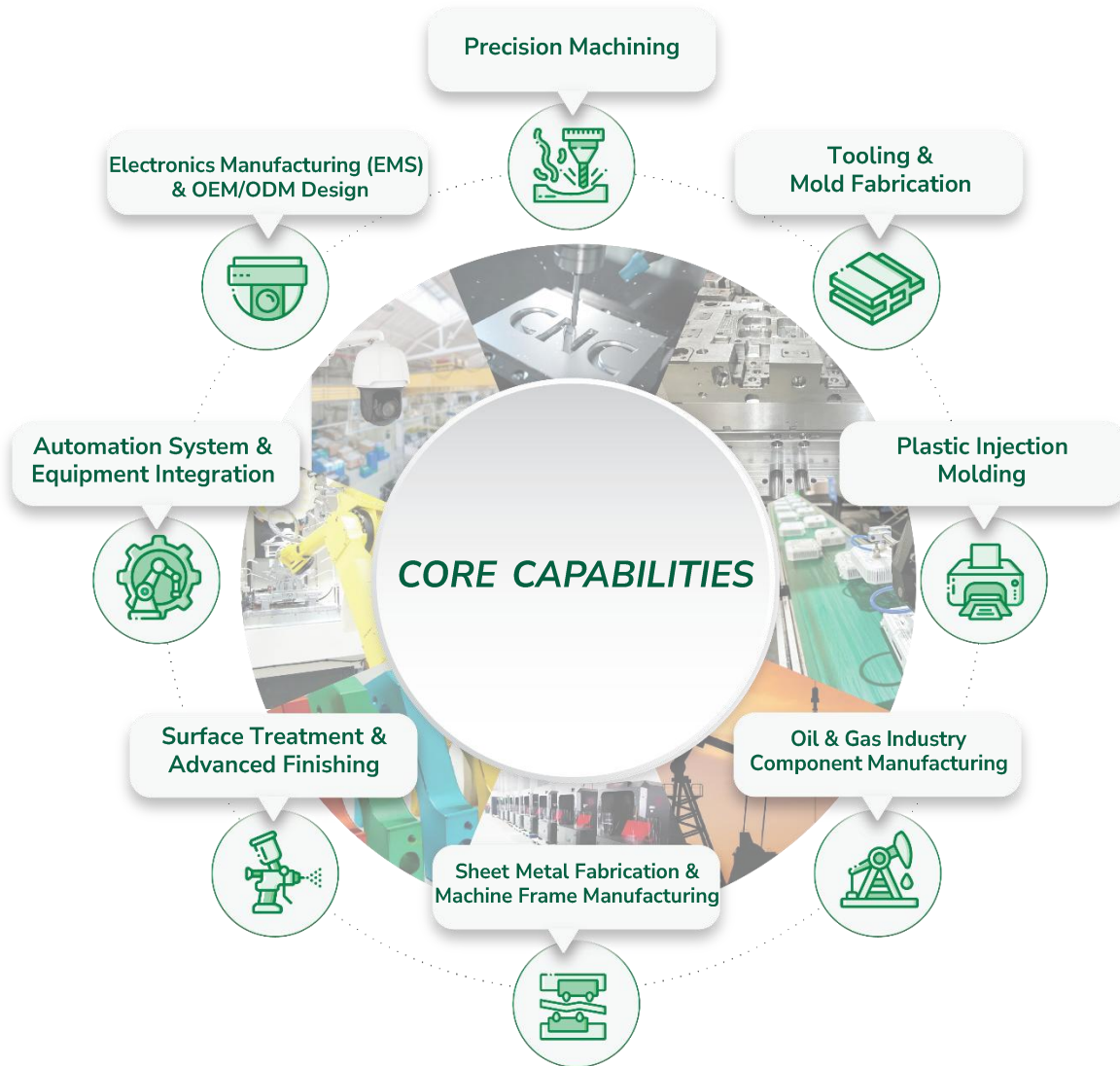


Mr. Nguyen Thanh Trung
D.CEO – CNCTech Thang Long



Mr. Ta Anh Tuan
CEO – CNCTech Sài Gòn

Integrated Manufacturing Service





CAPABILITIES

Facilities				6 factories
Machining Centers				400+
Milling	Turning	Wire Cut	EDM	
200+	75+	14	7	



SIZES & TOLERANCES

Vertical Milling (max)	4,200 x 2,700 x 1,000 mm
Horizontal Milling (max)	800 x 750 x 850 mm
Turning	D481 * L1,275 mm
Tolerances	Tightest to 0.005 mm



MATERIALS

Metals	Aluminum, Titanium, Brass, Stainless Steel, Steel, Alloys, Inconel
Plastic	ABS, PC, PMMA, PEEK, PTFE (Teflon), POM (Delrin), PA (Nylon)
Preformed Materials	- Aluminum die casting - Aluminum extrusion profile - Stainless steel or aluminum investment casting (lost-wax casting) - Gravity casting, sand casting, forging



QUALITY CONTROL



ISO
9001:2015



ISO
14001:2015



IATF
16949



AS
9100



ISO/IEC
27001
(October 2026)



INDUSTRIES SERVED



Equipment
Machinery



Automation



Oil&Gas
Industry



Semiconductor



Automotive



Aerospace



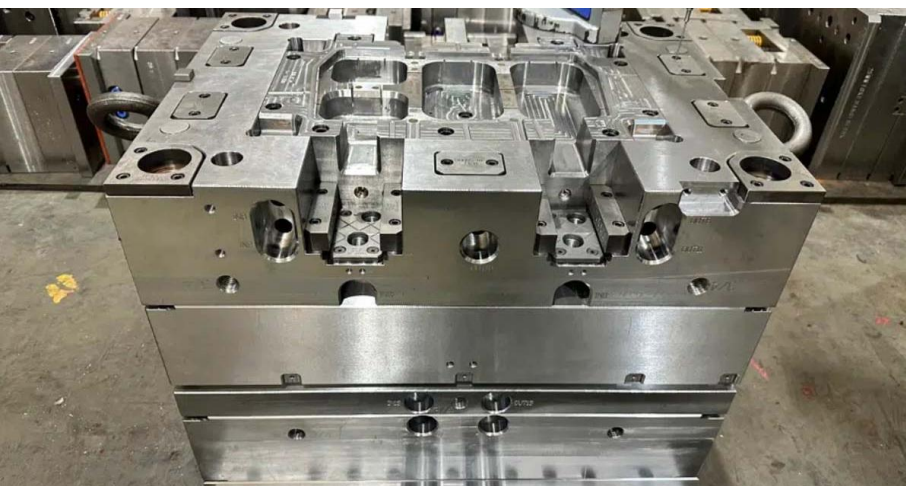
Medical
Device





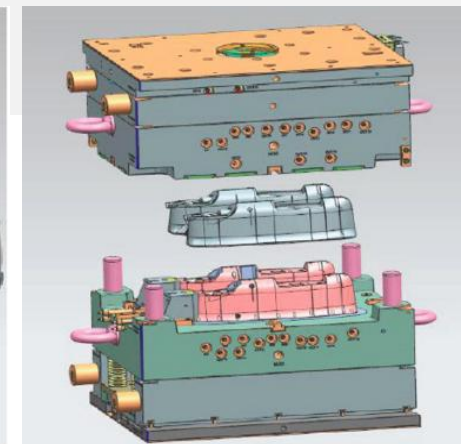
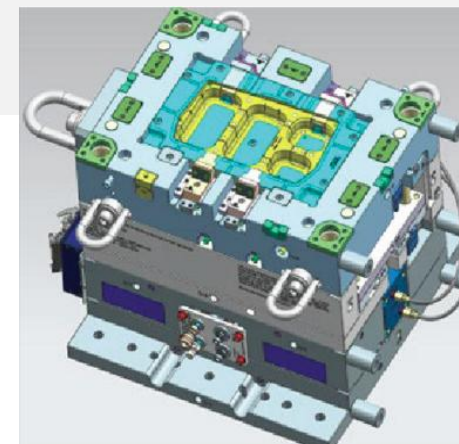
MATERIALS & STANDARDS

Standards	ASTM, JIS, DIN, GB	Product Max Sizes	1,000 x 400mm or 800 x 600mm
Tool Materials	1.2311/ 1.2738, S136, H11, H13P20, HPM7, PAC5000, FDAC, SS420, NAK80, Nimax, SKD61,...		
Mold Base	Kishin (Futaba), LKM or import, inhouse.		
Standard Component	PCS, DME, Progressive, Misumi, Punch, or import.		
Hot Runner	Mold Master, Oerlikon, Yudo, Progressive, PCS, Husky or import.		
Texturing	Nihon Etching or VDI Standards		
Surface Treatment	Nitride, TiN, TiCN, Chromate	Heat Treatment	Oil, Vacuum



MOLD CAPACITY

Plastic Mold Sizes	80 – 1200 tons
Die Casting Mold Sizes	80 – 800 tons
Capacity/ month	30 molds
Avg. Leadtimes	40 days



PROCESSES



DFM



Mold Design



CNC Machining



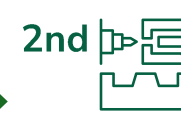
Quality Control



Assembly



1st Trial

Improvement &
2nd TrialMold or Sample
Export

Mold Warranty



Capacity

Facilities	77+ presses
Press Capacity	80 – 700 tons
Part Weight	Max 3,000g
Tolerances	As low as 0.01mm



Materials

Plastics	PEEK, PPSU, PAI, PBT, PET, PTFE, ABS, ASA, HIPS, PC, PBT, PMMA, PA, POM, and TPEE...
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Quality Control

ISO 9001:2015
ISO 14001:2015
IATF 16949
AS 9100
ISO/IEC 27001 (Expected Oct 2026)



Added Services

- Threaded inserts installation (ultrasonic or thermal)
- Machining (routing)
- Silk printing and pad printing
- Protective film application
- Assembly
- Spray painting and plating



Telecom



Automotive



Consumer Devices



Home Appliances



Medical Device



MATERIALS

Nickel Alloy

Inconel 718,
Incoloy 925 & 825,
Kmonel 500

Steel Alloy

4130-4145,
4340, 8620

Stainless

303, 304, 316, 410,
420, 17-4ph,
13-8ph, 15-5ph

Castings

Ductile, Grey Cast,
3161

Cobalt-titan

Mp35n, Stellite 6b

Others

Aluminum, Bronze,
Copper

Geared for Downhole Excellence

30,000+ hours per month of CNC machining capacity dedicated to downhole tools.

One-Stop Shop: Turnkey solutions - from manufacturing to coating, inspection (3rd party option), and assembly. All records and production data are controlled through software devices. Committed to securing all customer assets and adhering to NDAs.

Ready when you are, for whatever you need. Ready to commit to both short-term and long-term projects.



SERVICES

Precision Machining

- Turning
- Multi-Axis Machining
- Honing
- CNC EDM & Wirecut
- Deep Hole Drilling

Heat Treatment

- Carburizing
- QPQ (Salt Bath Nitriding)
- Gas Nitriding
- Vacuum Quenching
- Laser Cladding
- Hard Banding
- Robotic Welding

Assembly & Testing

- Packers
- ICDs
- HMICDs
- Indexing Half Mole Shoes
- Ball Valves
- Safety Valves

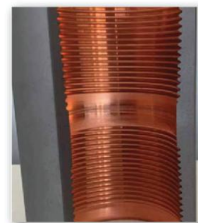
Other Services

- Sand-blasting
- Robot Welding
- 3D measurement
- Testing:
 - High Pressure Test
 - Break-up Test
 - Shear Test
 - Functional Test
 - Ultrasonic Test

Coating

- Baked Molykote
- Xylan Coating
- Copper Coating (Plating)
- Manganese Phosphate & Zinc Phosphate
- Industrial EP2 Epoxy Painting
- Precision Sand Blasting
- (Surface Preparation) HVOF

- Threading & bonding:
 - Premium thread types (e.g., VAM, New VAM, JFE)
 - Rubber bonding
- Inspection & Testing:
 - NDE (Non-Destructive Examination)
 - 3rd-party witnessing
 - Certified material lab services



Copper Plating



Molykote Xylan Coating



Induction Hardening



Phosphating



CPQ, Carburizing, Nitriding



Premium:
VAM, Hunting Tenaris,
JFE, NOV Connection



NDE, Testings



Rubber Boding,
Niflon Coating



Capacity

4,200h/ month

Fiber laser cutting &
CNC Punching

5,600h/ month

CNC Bending

37,400h/ month

Welding & Integrated

40,000 m²/ monthPowder Coating &
Spray Painting

Laser cutting

5 laser cutting machine



Punching/ Stamping

11 machines



Bending/ fastener inserting

14 machines



Welding

42 machines



Surface treatment & finishing

7 coating line

Assembly, OQC &
AssemblySheet Metal
Fabrication

- Aluminum (5052, 6061)
- Cold-rolled steel (SPCC)
- Electro-galvanized steel (SECC)
- Hot-dip galvanized steel (SGCC)
- Stainless steel (304 / 316)
- Brass, copper



Materials & Standards

- Carbon steel (SS400, S235, S355)
- Stainless steel (304 / 316)
- Aluminum alloys (6061, 5052)
- Alloy steel (for high-strength structures)



Services

- Fiber laser cutting machine (3.0-6.0K)
- Press brake machine (130 tons/3.1m)
- Turret punch press machine
- Stamping
- TIG, MIG, Fiber laser welding machine
- Powder coating, Spray painting (max 1.8m x 1.8m x 4.5m)
- Anodizing, Alodine coating, Silk screen printing
- Aluminum cabinet, fixtures
- Stainless Steel/Steel Alloy frames.
- Powder coating, Spray painting
- Anodizing, Chromate conversion coating.
- Sandblasting, Hairline brushing
- Silk screen printing.
- MIG, TIG and Fiber laser welder

Machine Frame
Fabrication

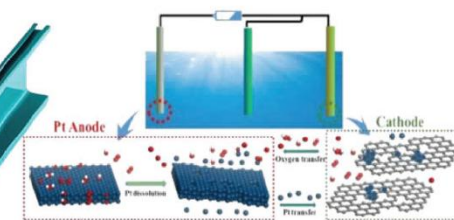


9001 : 2015



Surface Activation (outsourcing)

- Blackening Treatment
- Anodizing
- Hard Anodizing
- Electrochemical Activation



Coating & Painting (inhouse)

- Powder coating line
- Spray painting



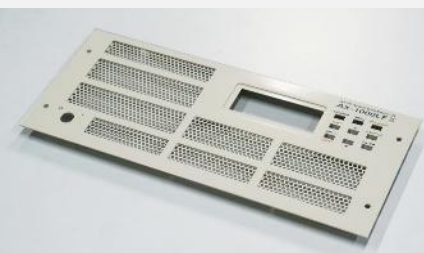
Industrial Plating (outsourcing)

- Hard Chrome
- Alloy Plating (Sn-Co Black, Cu-Sn White)
- Eco White



Added Services (inhouse)

- Silk Screen Printing
- Pad Printing
- Sandblasting
- Laser Etching
- Heat Treatment
- Cleaning Ultrasonic



Electroplating (outsourcing)

- Electroplated Zinc Plating
- Electroplated Nickel Plating
- Nickel-Chrome Plating
- Copper-Nickel-Chrome Plating
- Electroplated Nickel Plating
- Nickel Plating





Application



Industrial automation



Automotive



Garment industry



Electronics industry



Food industry



Mechanical industry



Paint line automation



Machining



Assembly line inspection



Robot Integrated Line



Medical Field



Sorting and Packing Line

Factory

CNC VINA
 CNCTech Sai Gon (opened in 2026)



Process

Design



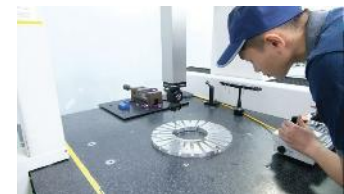
With a manpower up to 50 mechanical, electrical engineers, we always provide our customers with the best design solutions for customer's products.



Quality Control



Material certification and testing. Batch inspection, 100% inspection with test report (on request)
 Equipments: CMM, Hardness tester, Surface roughness tester, XRF analyzer...



Machining



We manufacture precision components, mechanical assemblies, and machine structures for automation systems. Our flexible machining capabilities support both prototyping and mass production with consistent quality.



Assembly



We apply a management system to factories to help control product quality as well as control the best assembly and delivery schedule.



Products



Smart Factory



Paint Line



CNC Manufacturing



Electronic Industry



Mechanical Industry



Automobile and Motorcycle



Garment Industry



Packing Line



Food Industry

ODM/OEM

- 

Mobile & desktop apps
 UX/UI & Web
 Cloud services
- 

PCBA
 Firmware
 Valuation test & NPI
- 

Industrial design
 Structure design & simulation
 Tooling

- 

10 SMT LINES
- 

18 ASSEMBLY LINES
- 

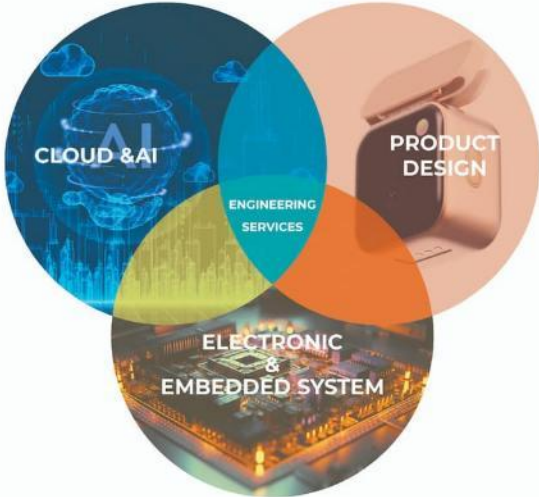
160 INJECTION PRESSES
- 

500 MOLDS / YEAR

Quality Assurance

- 

A Vietnamese factory that meets global standards
- 
- 
- 
- 

Products

pavana
Smart Security Camera

SKY SLIGHT

mentech

VINECO

Home Camera



Public Security Camera



Specialized Camera



Smart Home

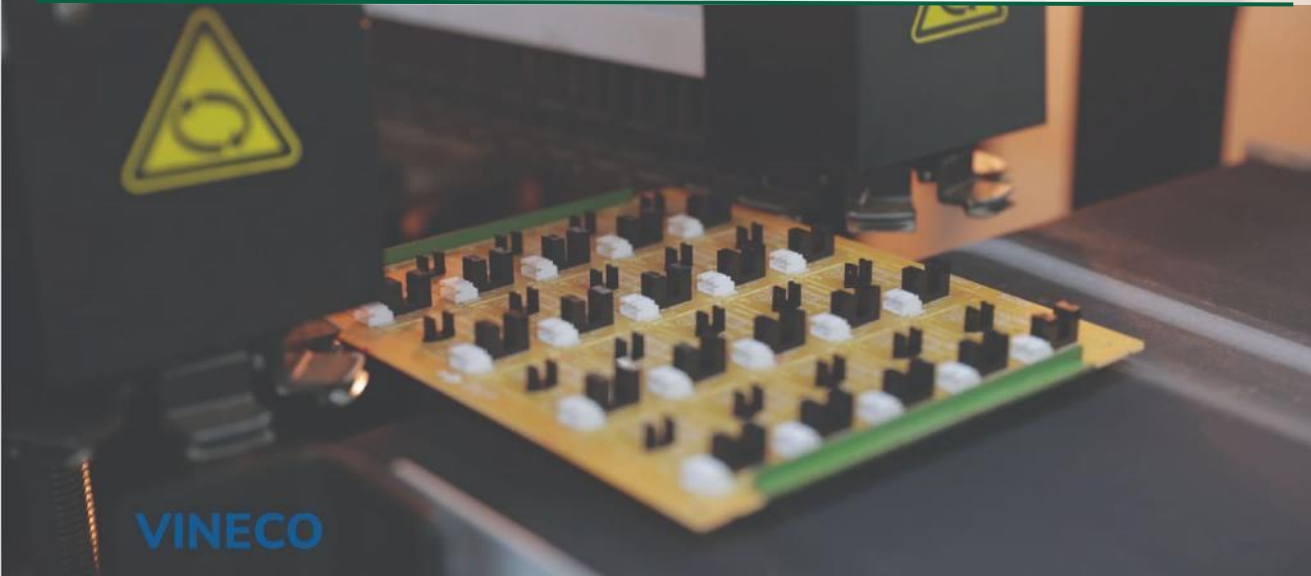


Telecoms



Adapter / Charger





Services

-  Production, outsourcing, and assembly of telecommunications systems
-  Installation of telecommunications systems
-  Optimization of mobile networks (2G, 3G, 4G)
-  Project and human resource management for telecom projects

Quality



- ISO 9001 : 2015
- ISO 14001 : 2015
- ISO/IEC 27001 : 2013

As a trusted production partner for both domestic and international clients, offering full-package EMS from sourcing components, assembly to inspection and delivery. We manufactures a wide range of Printed Circuit Boards (PCBs) for applications in:

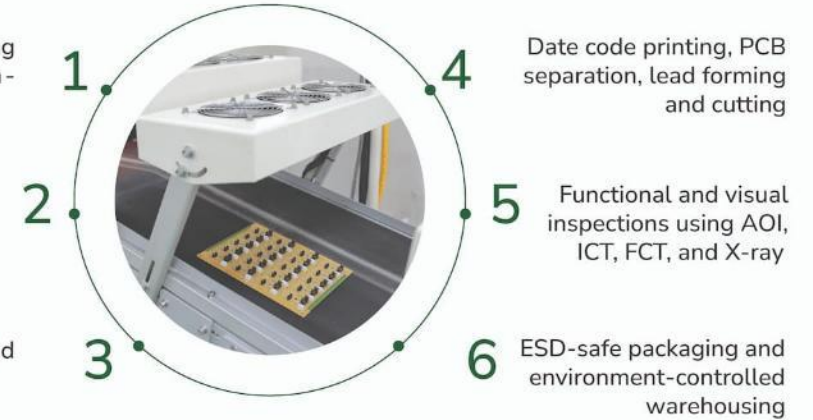
- Telecommunications
- Automation systems
- High-tech equipment
- Consumer and industrial electronics

Process

Automated SMT lines using Yamaha and Panasonic machines

Wave soldering with Tamura equipment

Manual assembly and hand soldering for customized components



Capacity

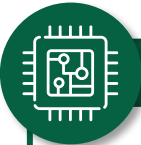


3 SMT Lines		1 Wave soldering line		
Yamaha & Panasonic Mounters	160,000 chips per hour	Tamura Wave soldering machine		
PCB Size: L50 x W50 ~ L640 x 460mm	Component size: 0402mm ~ 32x32 mm			
Test Facility				
Automotic Optical Inspection (AOI)	X-ray	Function test (FCT)	In Circuit Test (ICT)	
Others				
Date code printing	PCB separator	Automotic lead cutter	Lead forming & cutting	Jumper wire forming & cutting

CNCNEXORA

Build here. Scale Globally

The deep-tech innovation arm of CNCTech Group
bridging precision manufacturing with core technology ownership.



Semiconductor & IC Design



End-to-end ASIC design:
Analog, Mixed-Signal & RF nodes



Key applications:
Motor Drivers, PMIC, RF Modules



Target industries:
Low altitude economy, Industrial IoT,
Semiconductor Equipment



FA Lab in development
→ targeting **ISO/IEC 17025:2017** certification



Robotics & Autonomous Systems



In-house development of UUV/ROV and drone platforms



Frames:
Carbon fiber & anodized aluminum (CNCTech
precision machining)



Control:
FMUv5X autopilot + proprietary RF transceiver IC



Software:
ROS2 / RTOS + AI-driven underwater navigation



High-Tech FDI Project Development



Role: Long-term technical development partner



Value Package for investors:

- Prime industrial infrastructure
- Integrated local supply chain: machining, EMS, sheet metal
- On-site R&D support & product adaptation (first 6–12 months)
- Customized high-quality engineering talent pipeline



University partnerships: 4+1 co-training model
+ Shared Lab



Investors served across: Semiconductor,
Medical Devices, Automation, phonics...





CNCTech Thang Long



Vineco

Phu Tho

SMCTech

Hanoi

CNC Vina





CNCTech Binh Duong



Vija Technology

Ho Chi Minh City

Vinam Oil Tools



CNCTech Sai Gon



The “**CNCTech DNA**” which is built upon six core values that not only shape the identity of CNCTech’s people but also serve as a driving force to the company’s sustainable growth.

HAPPINESS

Happy to serve

CREATIVITY

Agile and innovative

COMPLIANCE

Systematic and disciplined

WISDOM

Elevating knowledge

EMPATHY

Understanding and compassion

BREAKTHROUGH

Pushing beyond limits



Kids care, catering, health and sport facilities



Support education, health care, elderly, environment protection



THANK YOU

