



裕橙企業股份有限公司
ZITD ENTERPRISE CO., LTD.

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01

Organization

Introduction

Development

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01 Organization

Introduction

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Process



Head Office	5F., No. 268, Sec. 1, Daxing W. Rd., Taoyuan Dist., Taoyuan City 330 , Taiwan (R.O.C.)
Branch Office	California, USA / Australia is setting up now
Yangmei Plant	No. 7, Aly. 33, Ln. 676, Sec. 1, Yanghu Rd., Yangmei Dist., Taoyuan City 326 , Taiwan (R.O.C.)



Founder & Chairman	Zin, Liao
Number of Members	10 (Taiwan headquarter)
Amount of Capital	\$NT8,000,000



01 Organization

Introduction

Development

Organization

Process

『 Cohesion & Innovation / Outstanding & Tehnology / Service & Quality 』



2020

2023



01 Organization

Introduction

Development

Organization

Process



Founding Mission

The founder also chairman gaining experience in sheet metal, structures, systems, and cold chain in the traditional factories.



Academic Pursuits

Studies in Industrial Design and Mechanical Engineering at RMIT University in Australia, and obtaining an EMBA Master's degree from the University of Liège in Belgium.



R&D Journey

Collaborating with top technology companies such as Compal and Google, to research and develop technological products, and earning the German IF Award.



Continuous Innovation

After returning to Taiwan, he assumed as a Assistant Manager at Neo-Freeeze Refrigeration Enterprise Co., Ltd. Led the innovation and research department, assisting the company in developing various new products.



01 Organization

Introduction

Development

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Passion for R&D

Founder believes that as a passionate designer, it must continuously improve and study various applications of materials.

He aspires to have more talented individuals join the field of research, design, and modern technology. With this determination, he leaves his high-paying job and starts his own business.



成立裕橙企業

Set up ZITD in 2020, specializes in R&D of:

Cold Chain Supply Chain

Circuit

Technology Integration

Automation

Structure

Mechanism

System

etc.

also provides:

Integrated Marketing And Planning



Hoping to help clients who need customization to create their own suitable equipments



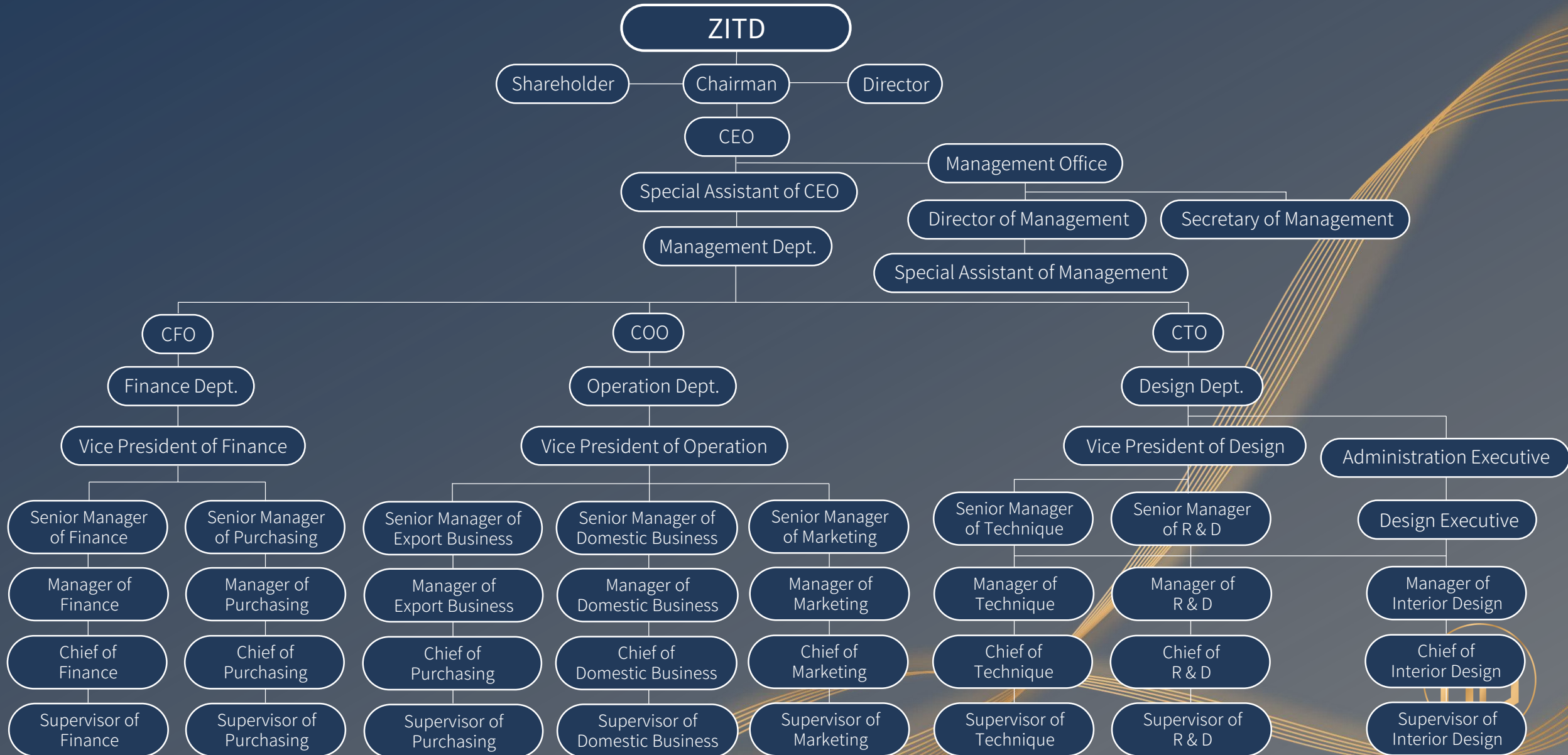
01 Organization

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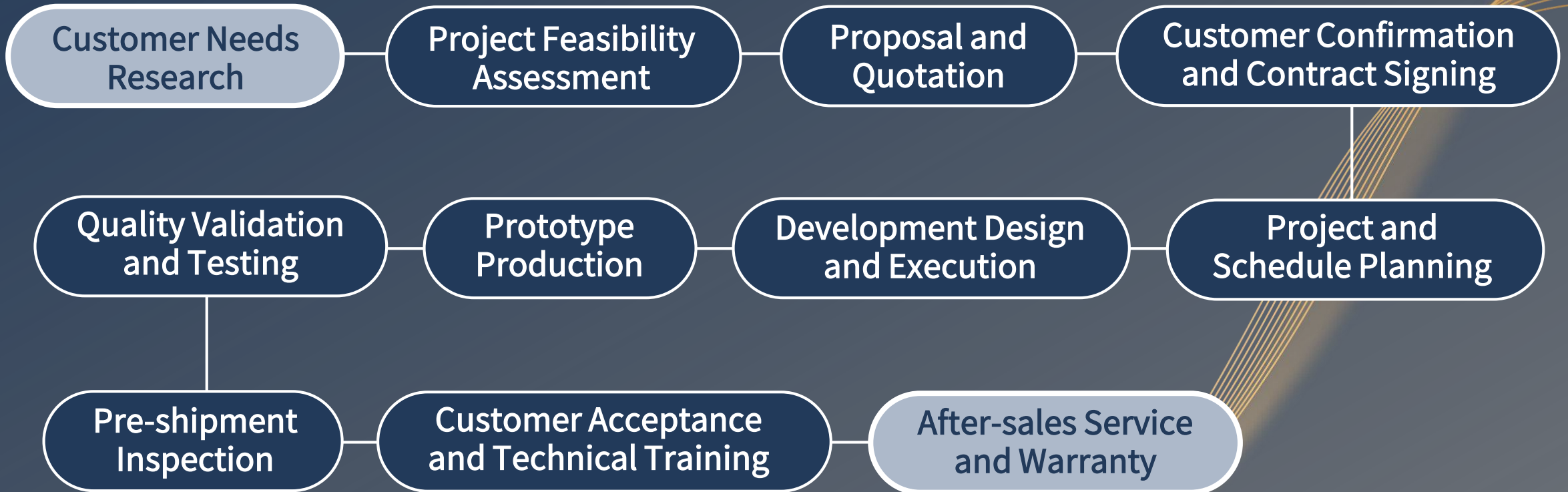
01 Organization

Introduction

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Organization

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From the beginning of the project, there will be a series of case assessment forms, such as SOP process, QC quality control, OQC factory quality inspection, etc.



02 Business items

Projects



02 Business Items

Projects

Design & Manufacturing

Cold chain
technology

Semiconductor &
Automation equipment

Integrated intelligent
technology

Customized
Product design

Warehousing Logistics &
OEM management

Interior design &
Integrated marketing



03

Profession

Competence

Technologies

Plant



03 Profession

Competence

Technologies

Plant

Core Competence

Cold Chain Technology Patent - Cold Chain Logistics and Warehouse Management

A series of integrated planning processes in which products, from production and storage to transportation and sales, are maintained in a specified low-temperature. This ensures the product's quality throughout each stage of the process.

Cold Chain Warehousing

Seafood or Meat Raw Material Plants, Processing Plants

Inbound and outbound inspection with temperature control, structured data

Cold Storage

Display at Customer, Distributor, Supermarket

temperature and humidity cold storage, integration of automated equipment, smart warehousing system, and display equipment

Cold Chain Transportation

Low-temperature Transport Process
Refrigerated truck movement, data monitoring technology, low-temperature preservation technology, insulated box technology



03 Profession

Competence

Technologies

Plant

Core Competence

Application of Cold Chain Technology

By integrating information and communication technology, the level of cold chain technology can be enhanced, achieving higher efficiency, higher standards, and more comprehensive product tracing and environmental control monitoring.



Data sensing and PLC programming

Through data monitoring with sensors such as temperature and humidity sensors, equipment and system conditions can be controlled to ensure products are maintained at the correct temperature and humidity.



IoT

Through technologies such as RFID and 5G network, real-time data such as temperature, humidity, product inventory, and logistics distribution status can be tracked. The information is then integrated and analyzed on cloud platforms.



Green energy

By using renewable energy and materials such as solar panels, wind power, and eco-friendly refrigerants, the greenhouse gas emissions can be reduced, promoting the concept of green logistics and sustainable cold chain.



03 Profession

Competence

Technologies

Plant

Core Competence

Applicable Product Types



Meat



Seafood



Vegetables



Processed Food



pharmaceuticals



electronic components



Improve transportation and storage efficiency



Safeguard user health and safety



Ensure product quality stability



Reduce potential risks and costs associated with damage



03 Profession

Competence

Technologies

Plant

Professional, innovative, and fully customizable integrated design and manufacturing capabilities

With professional technology and experience, we can provide the best products that meet your needs. One-stop integrated service, doing what others can't do, is our core concept.

- Research and Development Design
- Structure and Mechanism Design
- Automated Integration Design
- Cold Chain R&D and Design
- Technology Integration and Planning
- R&D Prototyping
- Mass Production Planning and Cost Control
- Possessing various patents and energy-saving certifications, such as CE Taiwan EU, UL, NSF, HACCP, etc
- Supply Chain Material Integration and Planning
- Semiconductor Equipment R&D and Design
- Logistics Technology Integration and Planning
- Constant Temperature and Humidity System
- Electrostatic and Ultrasonic System Technology
- Rapid Cooling and Freezing Technology System
- Cryopreservation Equipment



03 Profession

Competence

Technologies

Plant

Product research and development



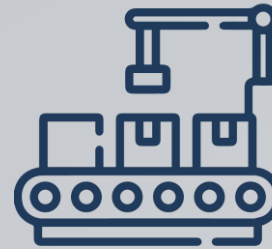
- Prototyping to mass production
- Sketch, 2D drawing, 3D drawing, animation, rendering, technology engineering, PLC, automation, data analysis, remote monitoring, etc.

Customized small amount of R&D and prototyping



- risk assessment and quality requirements
- Production evaluate and integrated planning

Mass production integration planning



- Integration of supply chain materials

Consultative Integrated Marketing



- Design and planning of supply chain materials, equipments, systems, etc.
- Professional Valuation and Planning



03 Profession

Competence

Technologies

Plant



The field provides IQC(incoming Quality Control), ERP (Enterprise Resource Planning)system, small amount prototyping, etc.



04 Achievements

Clients

Equipment

Project



04 Achievements

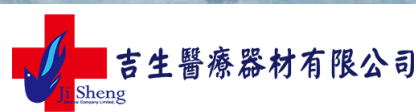
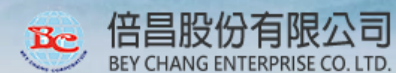
Clients

Equipment

Project



Domestic



04 Achievements

Clients

Equipment

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Export

Asia

China, Japan, Singapore, Thailand, Philippines, Cambodia, Vietnam, Malaysia, Indonesia

America

America, Guam, Canada, Chile

European

Spain, Portugal, Italy

Africa

Egypt, Madagascar, United Arab Grand Park

Oceania

Australia



04 Achievements

Clients

Equipment

Project

Refrigeration (Freezer / Fridge)

Meat shopwindow in department store



Smart temperature range wine cabinet



Rapid Freezing Tunnel



04 Achievements

Clients

Equipment

Project

Refrigeration (Freezer / Fridge)

Cart type ultralow temperature rapid freezing equipment



Plug-in ultralow temperature rapid freezing equipment



Optional -40°C / -60°C



04 Achievements

Clients

Equipment

Project

Refrigeration (Freezer / Fridge)

Dual-purpose aging cabinet for both dry and wet conditions



04 Achievements

Clients

Equipment

Project

Cooling

Intelligent multi-function cooler



Cooling / quick freezing / ice water equipment



04 Achievements

Clients

Equipment

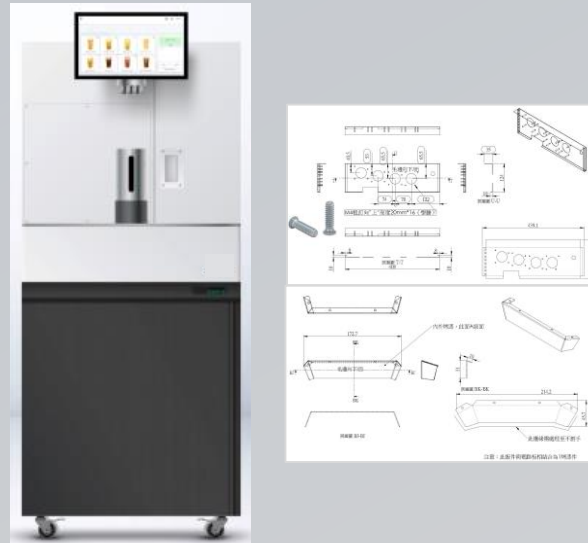
Project

Beverage

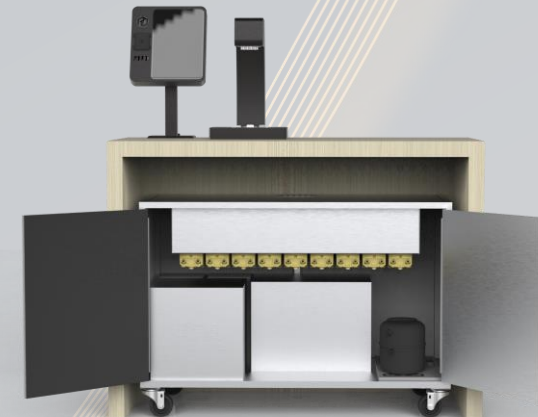
Intelligent tea machine



Intelligent beverage machine



Intelligent beverage column



04 Achievements

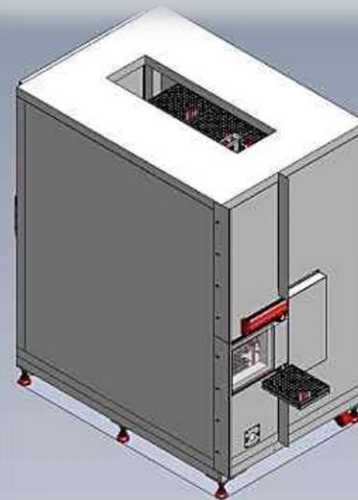
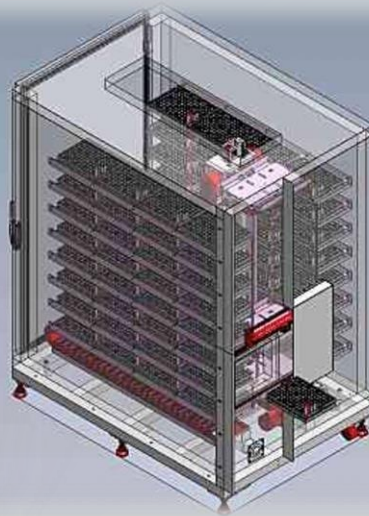
Clients

Equipment

Project

Biomedical

Medical refrigerator



04 Achievements

Clients

Equipment

Project

Semiconductor

Dry film constant temperature equipment



Tape storage equipment



04 Achievements

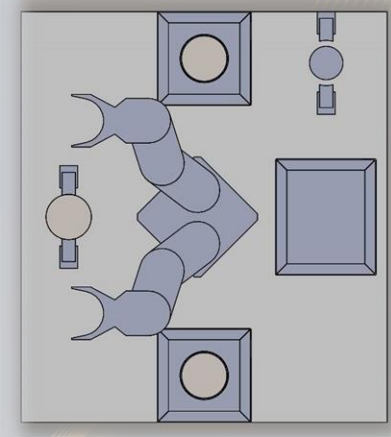
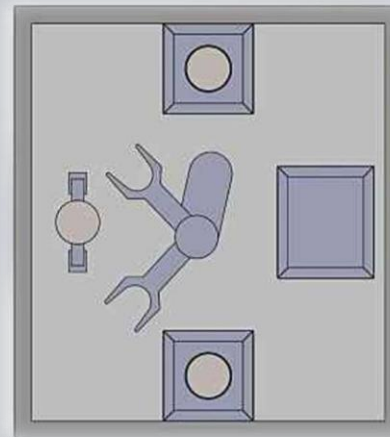
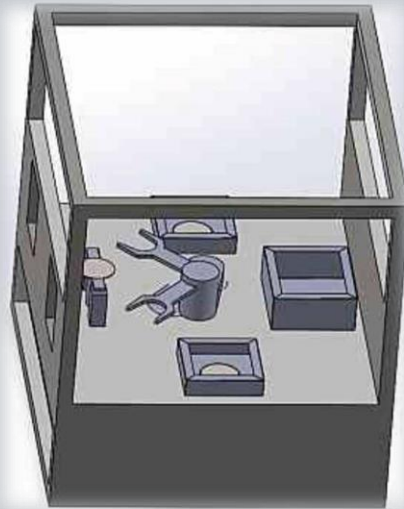
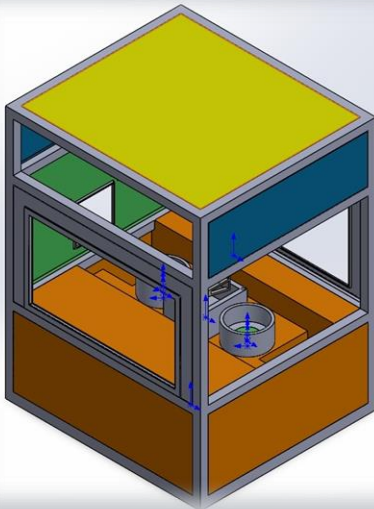
Clients

Equipment

Project

Semiconductor

Wafer automation equipment integration



04 Achievements

Clients

Equipment

Project

Central
factory

Food
processing
plant

Manufacturing
plant

Bakery

Electronics
technology
factory

Biotechnology
plant

Medical
facility

etc.



04 Achievements

Clients

Equipment

Project

Renowned collaborative clients include Costco and Beard Papa's

In addition to producing fermentation chambers, oven chambers, electronic technology, biotech, and medical equipment required by clients, we can also provide floor construction services, completing a comprehensive construction service





Thank you for watching

