



今皓實業法人說明會

JI-HAW Institutional Investors Conference

December 30, 2024

Disclaimer

- ▶ The content of this presentation is prepared based on the financial statements certified by accountants. The financial statements are prepared in accordance with IFRS, and complete content and information must be based on the financial reports.
- ▶ This presentation may contain forward-looking statements. Such statements are based on current expectations but are subject to known or unknown risks or uncertainties, and actual results may significantly differ from the stated content.
- ▶ Except as required by law, the company is not obligated to proactively update forward-looking statements due to new information or future events.

Part 1. Company Profile | Business and Forecast

Part 2. AI Project Development and Layout

Part 3. Financial Overview of JI-HAW

Part 1

Company Profile | Business and Forecast



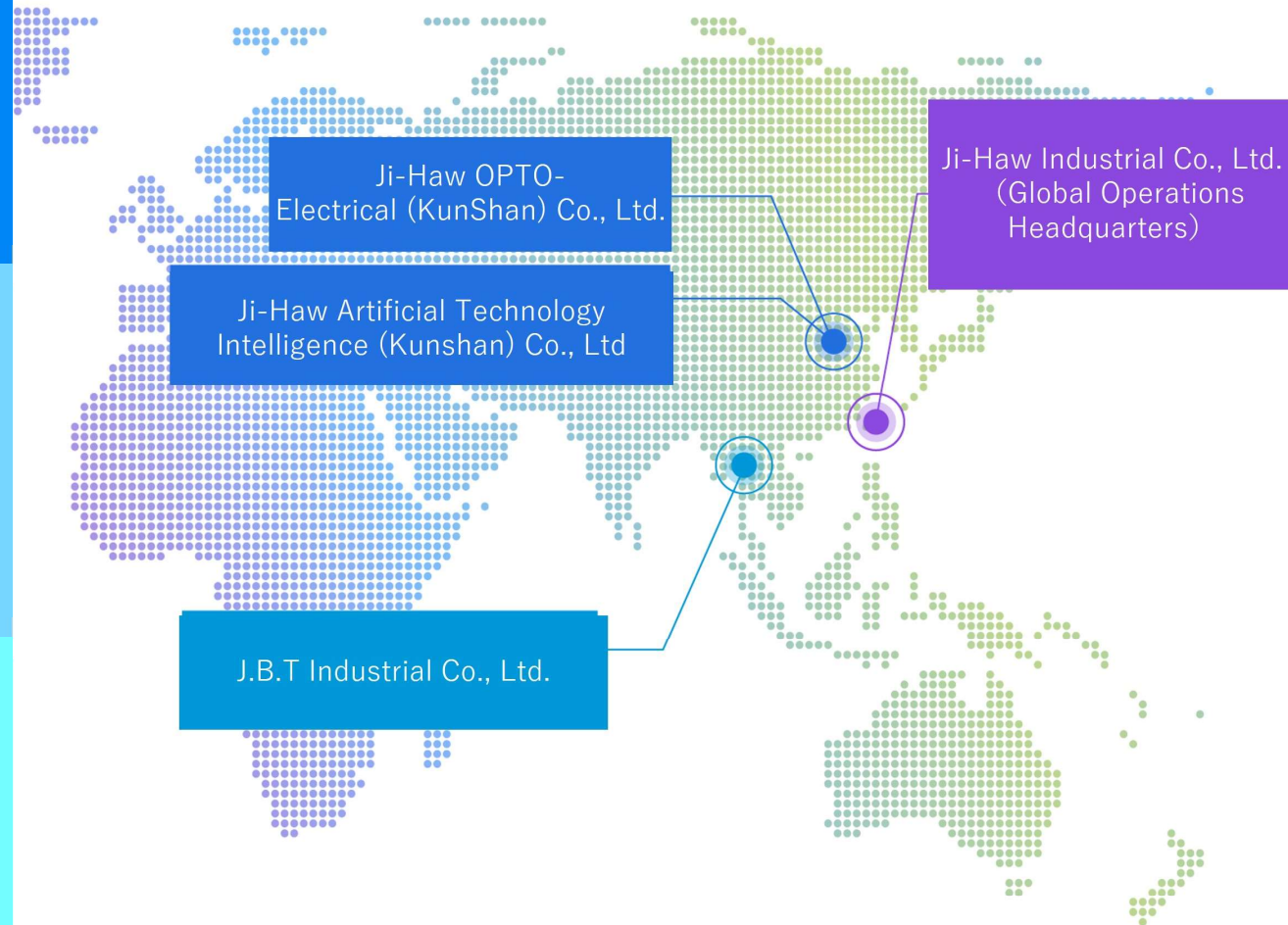
Ji-HAW Industrial Co., Ltd. (Global Headquarters)
 ESTABLISHED IN TAIWAN IN 1983
 LOCATION : HSIN TIEN CITY, NEW TAIPEI CITY
 CONSTRUCTION AREA : 7,624.89 m²
 LAND SIZE : 3,218.78 m²



Ji-Haw OPTO-Electrical (KunShan) Co., Ltd.
 Ji-Haw Artificial Technology Intelligence (Kunshan) Co., Ltd
 ESTABLISHED IN 2005
 PAID-IN CAPITAL : USD 7.6 MILLION
 CONSTRUCTION AREA : 39,061.16 m²
 LAND SIZE : 33,333 m²



J.B.T Industrial Co., Ltd.
 ESTABLISHED IN 1988
 PAID-IN CAPITAL : USD 13.8 MILLION
 CONSTRUCTION AREA : 13,500 m²
 LAND SIZE : 16,000 m²



1983~1999

1983
Founded JI-HAW Industrial Co., Ltd.
1985
Reorganized into JI-HAW Industrial Corporation.
1986
Expanded operations and relocated to a self-owned facility in Xindian.
1990
Paid-in capital reached NTD 60,000,000.
1995
Invested in JI-HAW Electronics (Shanghai) Co., Ltd. and JI-HAW America, Inc.
1997
Invested in Thailand's J.B.T and J.H.T.
1998
In October, launched a public stock offering, increasing capital to NTD 258,825,000.
1999
Invested in JI-HAW Electronics (Kunshan) Co., Ltd. and developed flexible flat cable (FFC) products.

2001~2017

2001
Invested in JI-HAW Electronics (Kunshan) Co., Ltd. and JI-HAW Precision Ceramics (Kunshan) Co., Ltd.
2002
Approved for OTC market listing (July 22, 2002); Established JI-HAW Global Operations Headquarters in Taiwan; Issued convertible corporate bonds of NTD 359,000,000.
2003
Relocated JI-HAW Global Operations Headquarters to an independent building in Xindian.
2012
Completed implementation of IFRSs and prepared financial statements under IFRS standards.
2016
Invested in JI-HAW Investment Co., Ltd., an overseas subsidiary.
2017
Thailand subsidiary JBT invested in JI-HAW Optoelectronics (Kunshan) Co., Ltd. (JHP); Increased capital for JI-HAW Investment Co., Ltd. (JHI).

2018~2024

2018
Invested in JI-HAW Optoelectronics (Kunshan) Co., Ltd.
2019
Completed liquidation of U.S. subsidiary JI-HAW America, Inc.
2021
Overseas subsidiary JI-HAW Electronics (Kunshan) Co., Ltd. announced the disposal of real estate and divestment of JI-HAW Optoelectronics (Anhui) Co., Ltd. (J.H.E.) with profit from the sale.
2022
Established an Audit Committee.
2023
Acquired 100% equity of CHINTEC Technology, officially entering the automotive AI field; Signed an AI technology cooperation agreement with SenseTime Taiwan.
2024
Established a Sustainable Development Committee.
Invested in Zhengcheng Electronics Co., Ltd.
Invested in Yongxian Think Tank Co., Ltd.
Invested in HaoFeiSi Co., Ltd.
Invested in Jizuan Semiconductor Investment Co., Ltd.



Technical Services | Cable Assembly



FLEXIBLE FLAT CABLE



CABLE ASSEMBLY



CABLE ASSEMBLY





Technical Services | Granulation & Wire Drawing

Granulation



Wire drawing





Technical Services | Physical / Electrical / ROHS Testing Equipment



▲ **Flame Tester**



▲ **Automatic Inserting / Pulling Force Tester**



▲ **Electronic Universal Material Testing Machine**



▲ **Thermal Shock Test Chamber**



▲ **Salt Spray Tester**



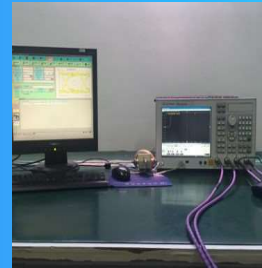
▲ **Programmable Temperature & Humidity Tester**



▲ **Electrostatic Discharge Simulator Tester**



▲ **Time Domain Reflectance Mega Ohm Meter**



▲ **Network Analyzer**



▲ **LCR Meter**



▲ **Voltage Withstand Tester**



▲ **X-Ray Fluorescence (XRF) Tester**



▲ **Gas Chromatography-Mass Spectrometry (GC/MS)**



▲ **Ion Chromatography (IC)**



▲ **Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)**



▲ **UV-Visible Spectrophotometer (UV)**





Product Introduction | 3C External Cables

USB Cables



USB2.0
USB3.0
USB3.1 GEN1/GEN2
USB4.0 GEN2/GEN3

DP Cables



DP1.2/1.2a
DP1.4/1.4a
DP2.1

HDMI Cables



HDMI1.4
HDMI2.0
HDMI2.1



Product Introduction | Internal Cables for Laptops

LVDS Cables



Wire Gauge : 36AWG~46AWG options available
Pitch : 0.25mm~0.5mm
Compatible with specified connectors, supports mixed soldering

FFC Flexible Flat Cables



Materials : NITTO N
PITCH : 0.3mm 、 0.4mm 、 0.5mm 、 0.8mm 、 1.0mm 、 1.25mm 、 1.5mm 、 2.0mm 、 2.54mm
Conductor Plating : Gold plating, tin plating, etc.
Insulation Layer Thickness : 43μm, 60μm, etc.

FPC Flexible Printed Circuit Cables



PITCH : 0.4mm 、 0.5mm 、 1.0mm
Conductor Plating : Gold plating, nickel plating, etc.
Layers : Single-layer, double-layer, three-layer, four-layer boards

Wire Harness



Customized according to customer requirements
Terminal crimping and housing assembly available



Product Introduction | Automotive Cables

Automotive Cable Harness



- Reverse Radar Harness
- Motor Harness
- Transmission Shift Harness
- Lighting Harness
- Door Harness
- Reverse Camera Harness
- Seat Heating Harness

Automotive High-Voltage Cables



- EV High-Voltage Harness

Charging Pile and Box



- Smart AC Charging Pile
- Mode 2 Charging Box



Our Customers

Car Cables
Engine/Light Unit
Chargers
Vehicle Wire Harness



External
Cables
Computer
Monitors



Internal Cables
Laptop LVDS
Laptop FFC





Business Outlook and Layout for Connection Cables

ODM & Module Assembly Business Layout

- ① Synergy from the acquisition of Qinten in design and development.
- ② Reconfiguration of automated production lines and outsourcing supply chains.
- ③ Expansion from cable production to module shipments and assembly business.

High-End Application Transmission Cable Expansion

- ① Future focus on high-margin end products, such as automotive cables, high-speed transmission, and AI PC-related businesses to enhance product portfolio profitability.

Southeast Asia Production Layout Expansion

- ① Leveraging resources from JI-HAW's Europe, Americas, and Taiwan clients and Qinten's Japanese clients, along with JI-HAW's advantages in Thailand, China, and Vietnam factories, to increase visibility and competitiveness in the market.
- ② Increased investment in the Thailand plant, which began scaling up five years ago, with plans for further investment over the next 3~5 years.
- ③ Vietnam subsidiary established in 2023.

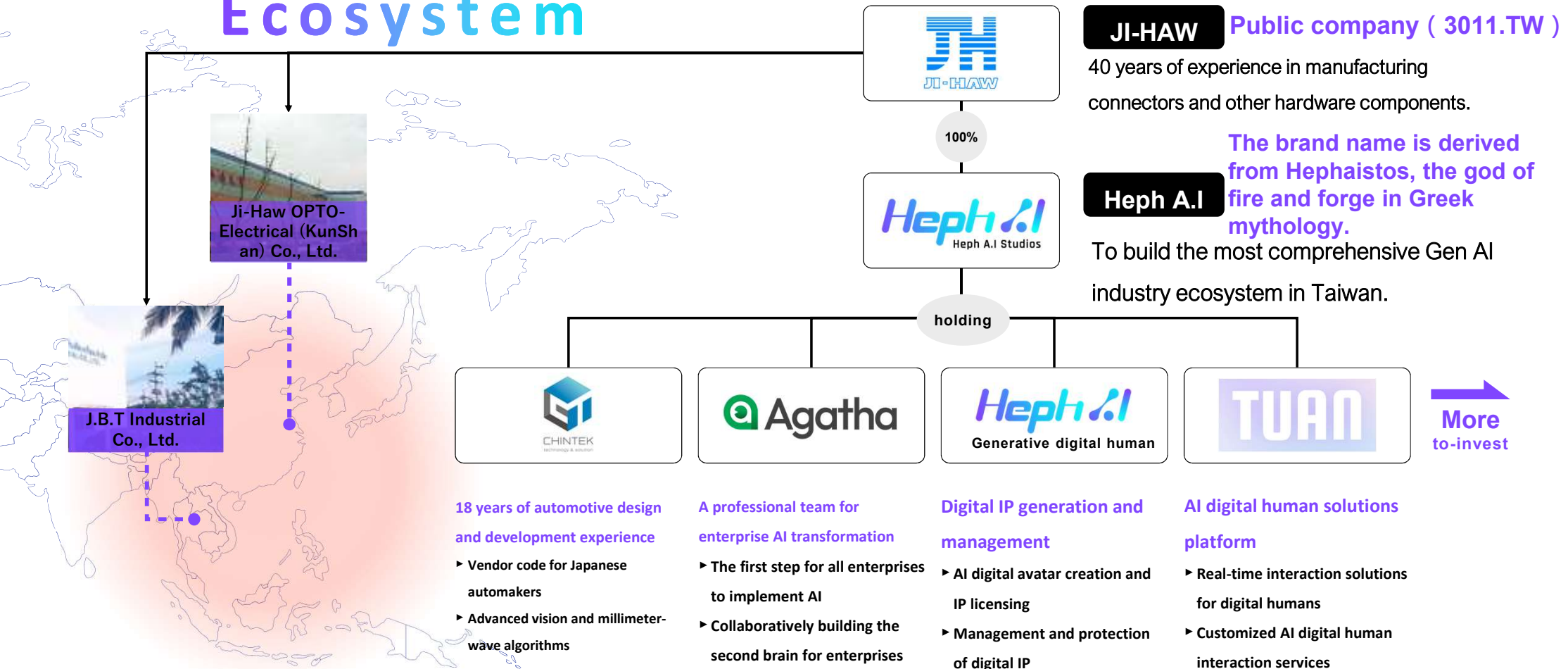
Automotive Transmission Cable Expansion

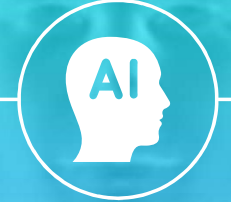
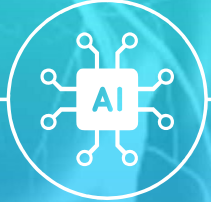
- ① Existing automotive clients of JI-HAW : Mahle, etc.
- ② Automotive clients brought in by the acquisition of Qinten : Suzuki, etc.
- ③ Optimizing product mix to enhance automotive products and market development.

Part 2

Development and Arrangement of AI Business

Taiwan's Most Comprehensive AI Ecosystem





Product 1

**AI Server Cables and
Hardware Products**

Product 2

**Automotive AI
Systems and Robotics**

Product 3

**Agatha – The Enterprise
Second Brain**

Product 4

**TUAN Digital Human
Application Platform**

Integration of Various AI Application Scenarios Specifications & Mass Production :

Cables : AI server cables, AI PC cables, automotive AI cables

Hardware : AI hardware, modules, complete systems

Framework : Automotive AI systems, robotics

Customization & Applications :

Brain : Agatha as an enterprise second brain with
personalized AI.

Skin : TUAN as a digital human application platform.

Server External Cables

QSFP28 | 100G

QSFP56 | 200G

QSFP112 | 400G (Under Development)



Server Internal Cables

MiniSAS HD | PCIe 4.0-32G-MRZ-64G-PAM4

SlimSAS | PCIe 4.0-32G-MRZ-64G-PAM4

OCuLink | PCIe 4.0-32G-MRZ-64G-PAM4

Gen-Z | PCIe 5.0-32G-MRZ-112G-PAM4

MCIO | PCIe 5.0-32G-MRZ-112G-PAM4

MCIO I PCIe 6.0 - 64GT- MRZ- 256GB- PAM4 (Under Development)

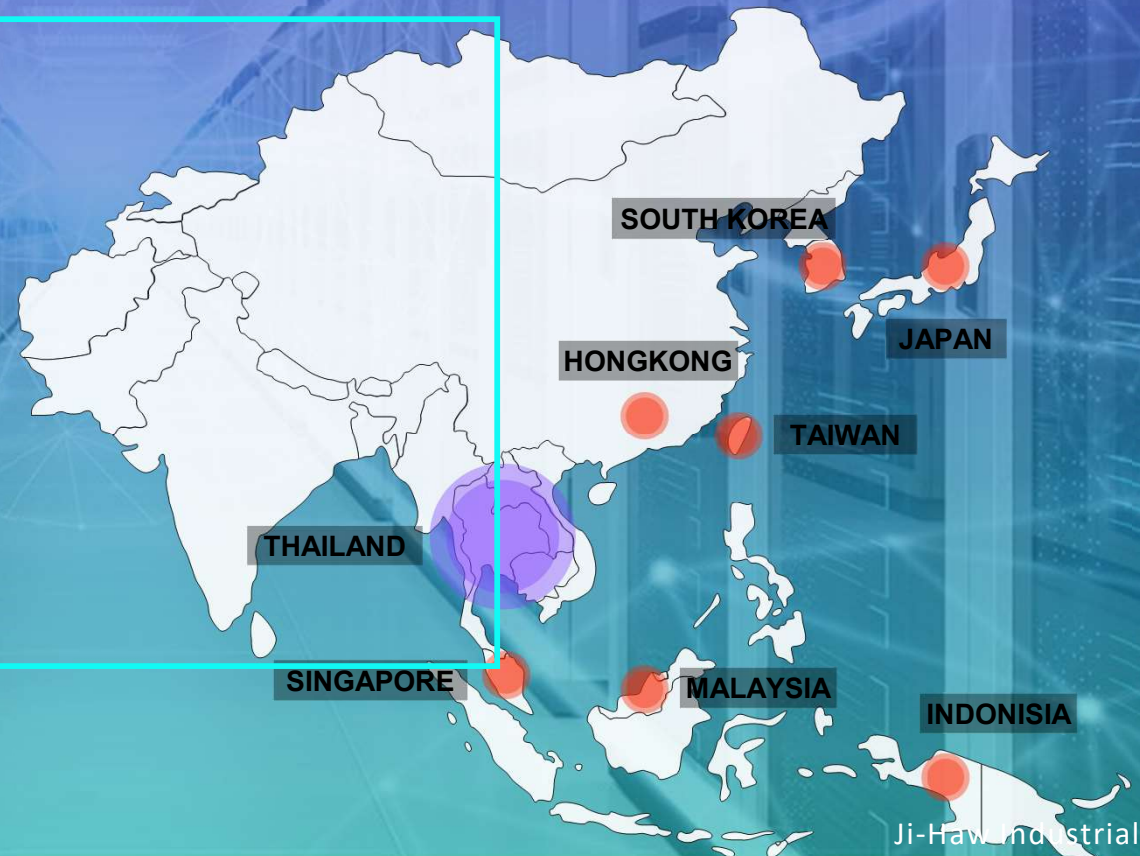
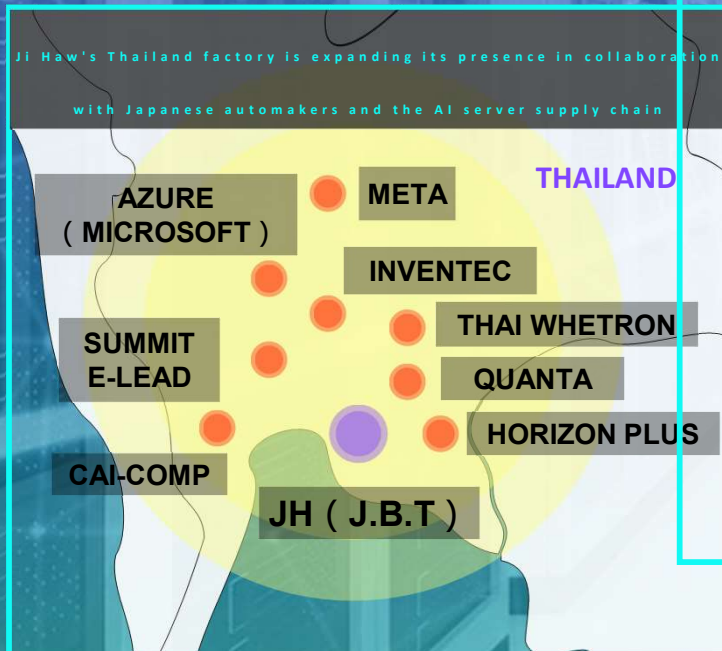


From Thailand to All of Asia : AI Solution Center

Design and
development

Production and
manufacturing

AI algorithms and
computing power



Qinten Automotive AI : Sense Anything, Connect Everything

Vendor codes with multiple Japanese automakers.

Automotive AI vision and millimeter-wave algorithms.

Extended applications in robotics and medical care.

Applied Technologies

AI-AVM Intelligent Surround View Warning System

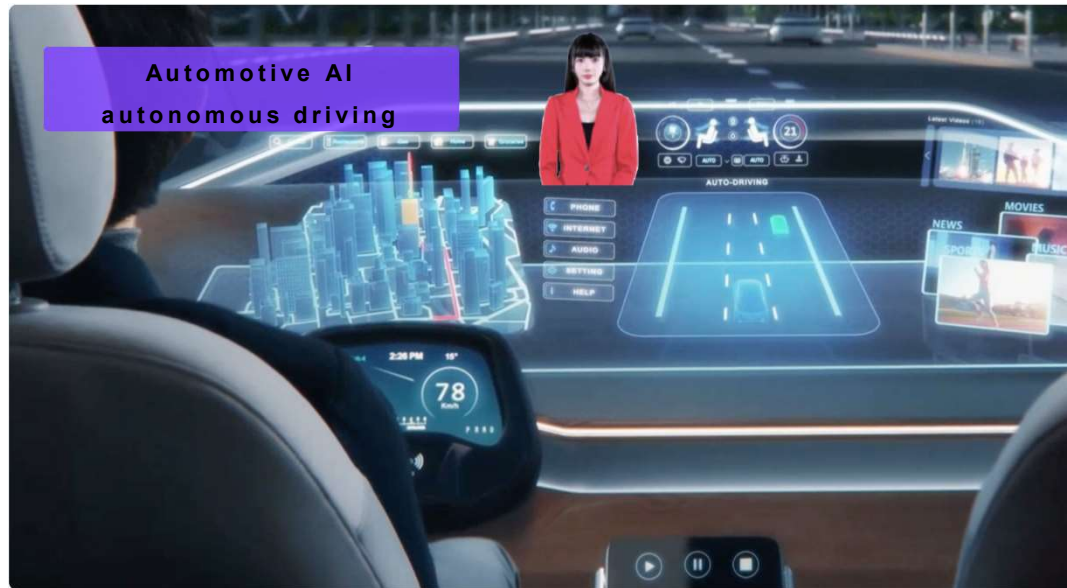
DMS Driver Monitoring System

60 GHz Millimeter-Wave Monitoring System

Partner



Smart Transportation Applications > Automotive Intelligent AI Systems



Autonomous Driving Algorithms

Integration of cameras, millimeter-wave technology, GPS, power systems, Wi-Fi, and AI assistant software and hardware solutions.

- ▶ NEDO (New Energy Development Organization) , Tier 1
| DENSO Corporation , Tier 1
- ▶ TOYOTA · SUZUKI



Camera integrated with millimeter-wave technology

High-Precision Monitoring of Driver and Passenger Detection of positions and physiological states, including heart rate, blood pressure, fatigue, mood, etc. (Accuracy for heart rate and breathing: $\pm 3\%$)

- ▶ YAZAKI Corporation, Tier 1
- ▶ TOYOTA · HONDA ; Design and Development for Production Delivered to automakers like Changan Automobile (Chongqing), Dongfeng Nissan, GAC Honda, Seres, and Changan Automobile (Thailand). Estimated annual production of 40,000 units per model.

Smart Healthcare and Industrial Applications > Edge Devices for Medical and Care Scenarios



AI medical monitoring and caregiving companionship



Industrial quality inspection and robotics

Camera and Millimeter-Wave Technology Integration

Detection of patient or elderly status and physiological states, such as waking, falls, heart rate, blood pressure, and mood. Includes LLM-based AI for companionship and interaction.

Partners

- Collaborations with Biosilver, Tzu Chi Hospital, and other medical and eldercare institutions in Taiwan and Japan.

Partners

- Japanese Government : Crop yield recognition. | Rui Feng
- Security : Intelligent logistics and transportation robots.
- Taiwan AI Industry : Automated seedling robots. | LEBEN-BNB : Industrial automation recognition systems.

Qinten AI Robots – Three Core Technologies

Motion Control Capability

Mechanical transmission systems and communication control.

Environmental Awareness Capability

Sensors for image, voice, radar, pressure, light, GPS, and 6-axis detection.

Human-Machine Interaction Capability

Data processing and computational capabilities.
AI algorithms and software platforms.

Industrial Robots



Service Robots



Agatha : The Enterprise Second Brain, Tripling Per Capita Productivity

AI System Implementation

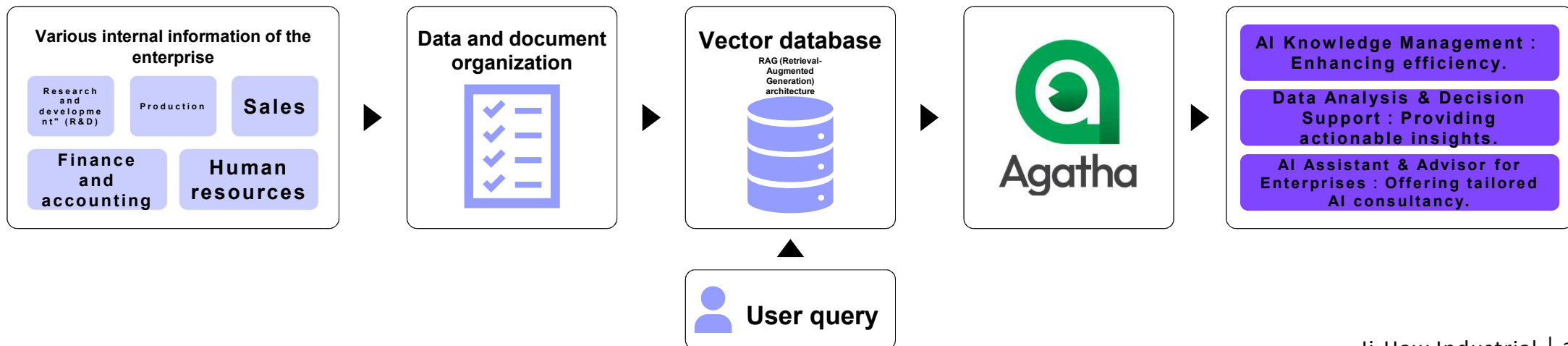
Assists in integrating AI systems into enterprises.

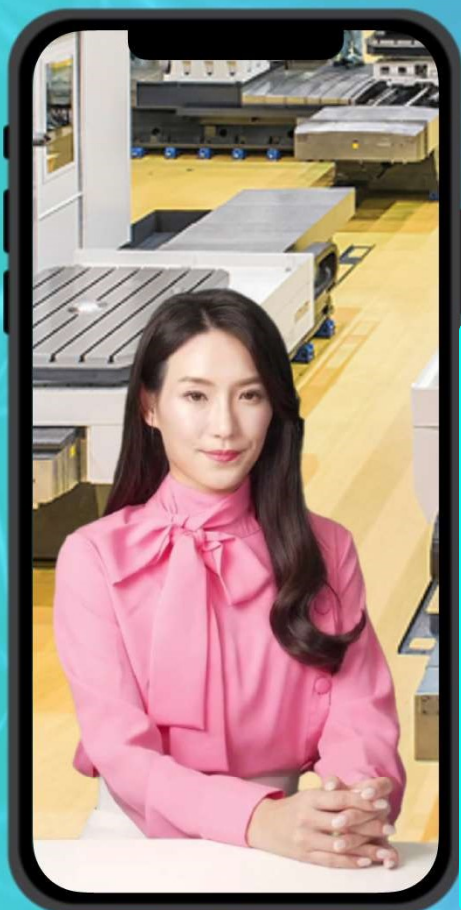
Internal Information Structuring for AI Training

Converts internal data into training sets for AI models.

Enterprise AI Knowledge Base

Builds a comprehensive AI-driven knowledge management system.

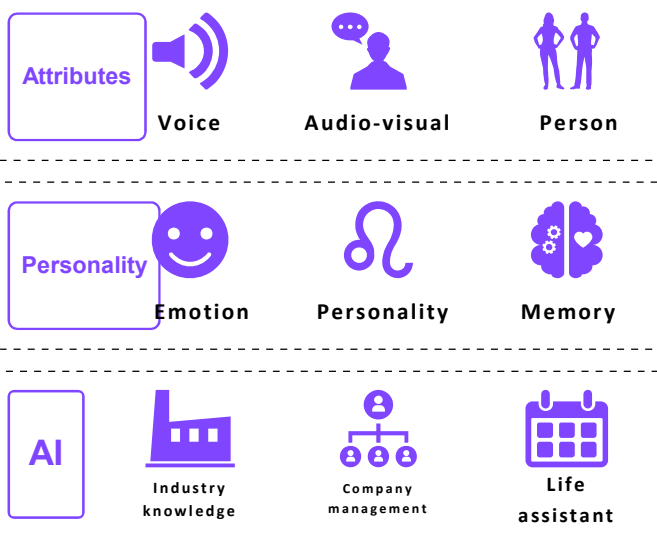




AI
Device



AI
Software
Interface



Edge AI Framework

Heph. A.I Studios

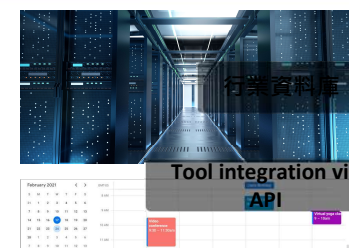
Heph A.I
Heph A.I Studios
Ji-HawX
Qinten



Heph A.I
Heph A.I Studios
Digital IP



Heph A.I
Heph A.I Studios
Emergence A.I
CO., LTD.

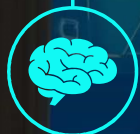




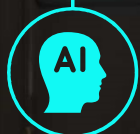
AI server infrastructure and hardware products



Automotive AI systems and robotics



Agatha : The Second Brain for Enterprises



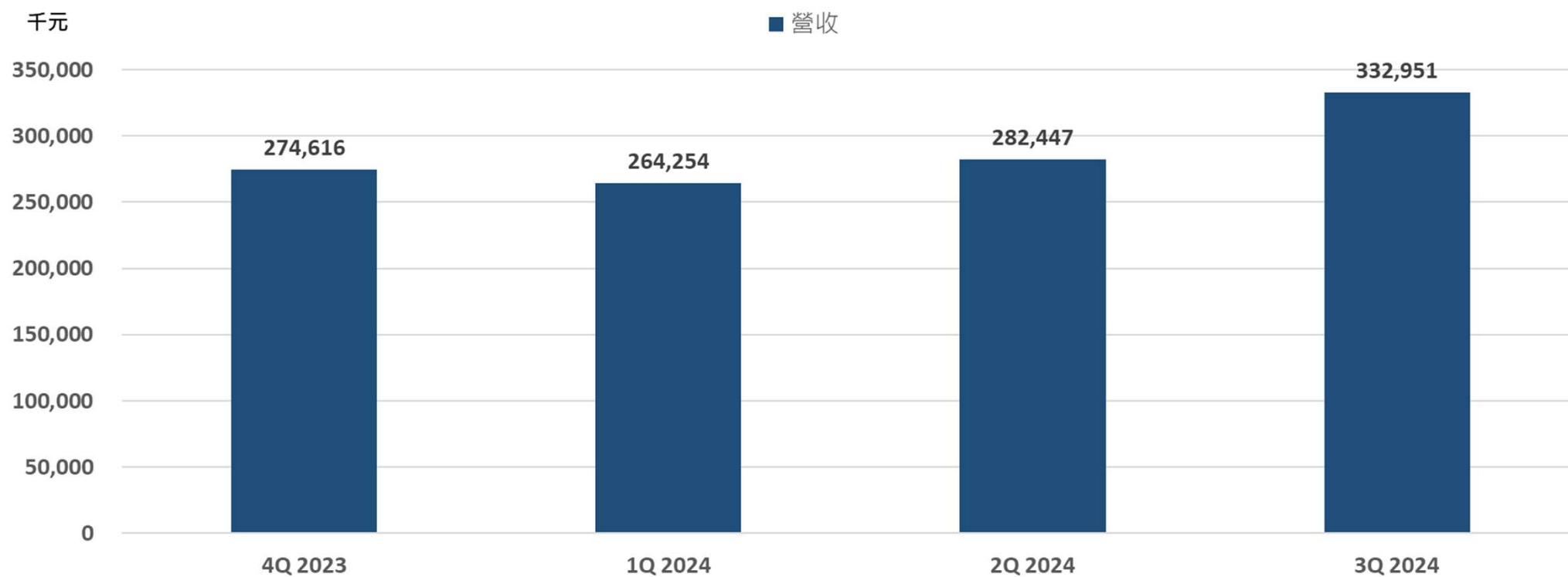
TUAN Digital Human Application Platform

AI Robots and AI Digital Humans :
Integration into Daily Life
Connecting AI, Generating the Future

Part 3

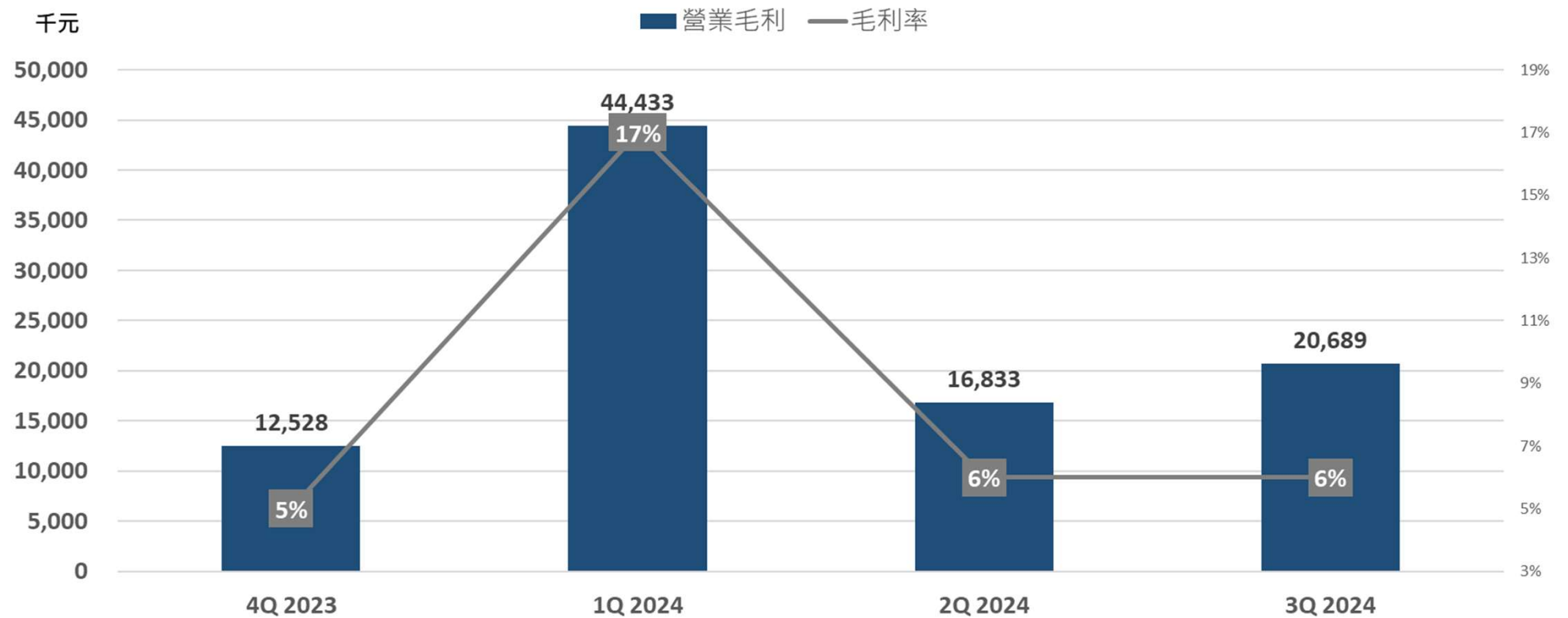
Financial Overview of JI-HAW

Annual Operations Report | Operating Revenue (23Q4 - 24Q3)





Annual Operations Report | Gross Profit/Rate (23Q4 - 24Q3)



Land Development in New Taipei City, Xindian District, Baoxing Section, Lot No. 253 Urban Renewal Project Timeline

- 112.12.25 Submission of the Urban Renewal Plan.
- 113.05.07~21 Public exhibition and public hearings.
- 113.06.24 First project review meeting.
- 113.07.26 Urban renewal and dispute resolution committee decision.
- 113.10.01 Adjustment of the urban renewal unit boundary.
- 113.12.13 Second project review meeting.

Zoning	Type B Industrial Zone
Site Area	3,182.72 m ² (approx. 962.77 pings)
Permissible Floor Area (Including incentive and transferred floor area)	11,375.66 m ² (approx. 3,441.14 pings)
Total Floor Area	21,202.77 m ² (approx. 6,413.84 pings)
Building Specifications / Structure / Floors	13 above ground, 3 underground / RC (Reinforced Concrete)



Questions & Answers



Thanks for your Listening and Guidance

December 30, 2024