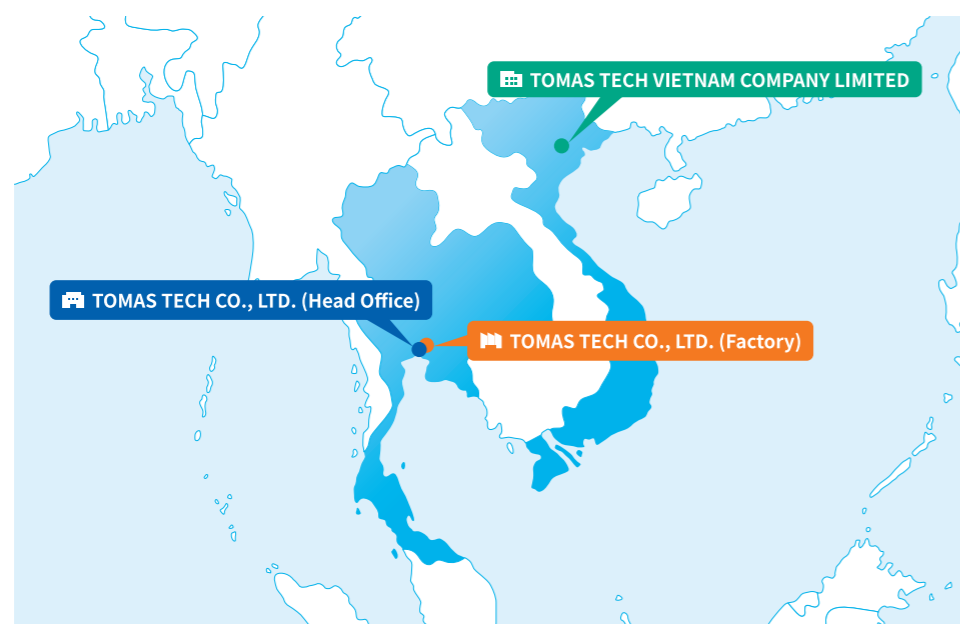




TOMAS TECH

Company Profile



TOMAS TECH CO., LTD. (Head Office)

住所 No.1 MD Tower 16Fl, Unit C1, Soi Bangna-Trad 25, Debaratna Rd., Khwaeng Bang Na Nuea, Khet Bang Na, Bangkok 10260 Thailand.

TOMAS TECH CO., LTD. (Factory)

住所 No. 11, Soi On Nut 65, Intersection 9, Khwaeng Prawet, Prawet, Bangkok 10250 Thailand.

TOMAS TECH VIETNAM COMPANY LIMITED

住所 6th Floor, Sacombank Building, No. 35 Luong Dinh Cua, Kim Lien Ward, Hanoi City, Vietnam.

Company +66-98-271-9741 **JP/EN** +66-94-552-3097 **TH** +66-63-083-4141

VN +84-90-322-2209 **E-mail** info@tomastc.com **Website** www.tomastc.com



TOMAS TECH



Our Mission

“Genba” Productivity, Maximized by Technology

We support IoT and DX initiatives for customers in manufacturing, logistics, food, and retail industries.

TOMAS TECH is a system integrator that provides solutions primarily for manufacturing and logistics customers.

By supporting clients end-to-end—from consulting and solution proposals to system implementation and after-sales support—we help achieve "cost reduction" and "operational efficiency".

Our strength lies in our "broad range of solutions", including "control system development" such as PLC, "device application development" such as Handy Terminal, and "server application development" leveraging on-premises and cloud Server environments.

Established February 2021 **Employees** 52 (as of December 2025)

- Business Overview**
- 1 System Consulting
 - 2 System Design & Development
 - 3 Operations, Maintenance & Improvement
 - 4 FA, Automation & Equipment Integration
 - 5 IoT Solutions & Data Visualization
 - 6 Logistics DX (WMS / AGV & AMR Implementation Support)

Business Details

Software Solutions

Control Systems Development

- PLC Program Development
- Sensors / Barcode Readers
- Cameras / Laser Markers
- Digital Picking Systems
- Projection Picking
- Smart Card Systems
- IoT Devices / Unlocking Systems
- Equipment Fabrication / Modification



Device Application Development

- Handy Terminal Applications
- Tablet / Smartphone Applications
- Smartwatch Applications
- Line Applications
- Smart Card Systems
- RFID Solutions
- Label Printing Systems



Server Application Development

- Traceability Systems
- Operation Management Systems
- Calling Systems
- Traffic Flow Management Systems
- e-Invoice Systems
- Bus Dispatch Management Systems
- Material Cutting Calculation Systems



Package Software Development & Implementation Support

- Production Management Systems
- Stock Management Systems
- Process Management Systems
- Order Management Systems
- Fixed Asset Management Systems
- Electronic Report Form Systems
- Production Scheduler



Hardware Solutions

- AGV / AMR / AGF (Automated Guided Vehicles)
- Labor-Saving Equipment / Inspection Equipment
- Business PCs / Servers / Uninterruptible Power Supplies (UPS)
- PLC / IoT Devices / Sensors / Barcode Readers
- Digital Picking Systems / Smart Cards
- Network Devices / Access Points / Switching Hubs



Infrastructure Solutions

- Network Setup / Wiring Works
- Security Measures / Hardware Installation Works



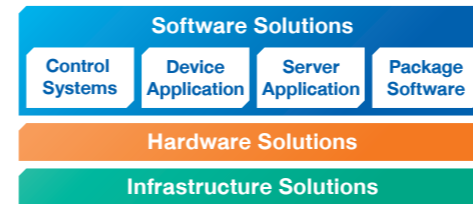
Supported OS Windows / Android / iOS / macOS / Linux / Unix **Supported Languages** C# / VB / C / C++ / Java / Python / PHP / Ruby / JavaScript / HTML / CSS / VBA **Supported Databases** Microsoft SQL Server / Oracle Database / MySQL / SQLite / Web SQL / PostgreSQL / MongoDB / Microsoft Access **Supported Cloud Platforms** Amazon Web Services / Google Cloud Platform / Microsoft Azure / RUK-COM Cloud

Our Strengths

As a system integrator, we deliver solutions by leveraging three core strengths.

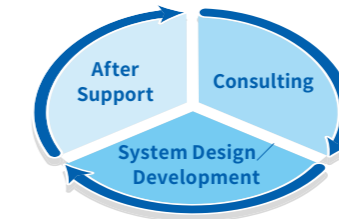
Broad Solution Coverage

We offer a broad range of solutions—from "Control Systems Development" such as PLC program development, to "Device Application Development" such as Handy Terminal applications, and "Server Application Development" leveraging on-premises and cloud server environments. This enables us to provide solutions that best match each customer's challenges and requirements.



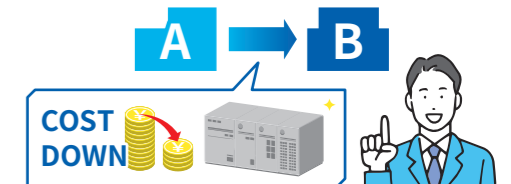
End-to-End Support

We provide seamless support from consulting and planning to system implementation and after-sales support. By combining "Software" × "Hardware" × "Infrastructure," we can support customers comprehensively across each domain. We propose the best-fit solution from both perspectives—optimizing specific areas and optimizing the whole.



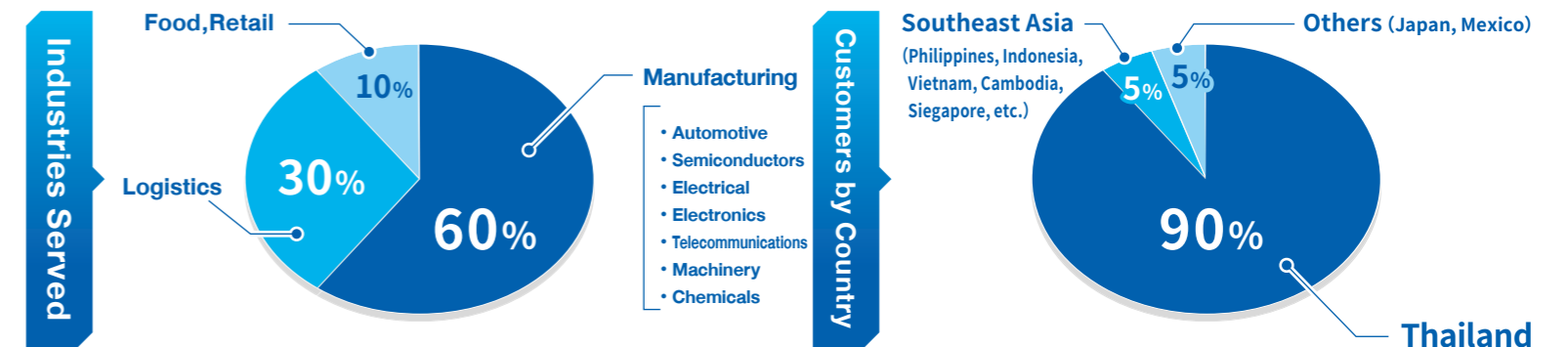
Flexible Proposals

We tailor our proposals to each customer's needs, situation, and goals. To help customers clearly feel the "return on investment," we focus on keeping costs to a minimum. Starting with a "minimum start" approach enables "low-risk, reliable system investment." We also provide support in Japanese, Thai, and English so that local teams can be involved in the implementation planning.



Our Customers

Today, our solutions are adopted across a wide range of industries—including automotive, semiconductors, electronics, electrical equipment, telecommunications, machinery, chemicals, food, and retail—contributing to improved operational efficiency for our customers. (The following list includes selected customer only, in alphabetical order.) We believe system implementation is something we “build together” with our customers and continue to “run together” in daily operations. To deliver “more user-friendly systems” and “systems that create greater benefits,” we maintain long-term partnerships with many customers.



- A.N.I. LOGISTICS, LTD.
 ADVICS Manufacturing (Thailand) Co., Ltd.
 AIKAI LOGISTICS (THAILAND) CO., LTD
 AIOI SYSTEMS SINGAPORE PTE. LTD.
 Aisan Corporation Asia Pacific Limited.
 Asian Stanley. International Limited.
 DAIFUKU (THAILAND) CO., LTD.
 DENSO INNOVATIVE MANUFACTURING SOLUTION ASIA CO., LTD.
 DENSO Philippines Corporation.
 Isuzu Engine Manufacturing Co., (Thailand) Ltd.
 Isuzu Logistics (Thailand) Co., Ltd.
 JTEKT ASIA PACIFIC CO., LTD.
 MHI Automotive climate control Thailand.Co.Ltd.
 Minebea AccessSolutions Thai Ltd.
 Mitsubishi Heavy Industries-Mahajak Air Comditioners Co., Ltd.
 Murata (Thailand) Co., Ltd.
 Nidec Techno Motor (Thailand) Co.,Ltd

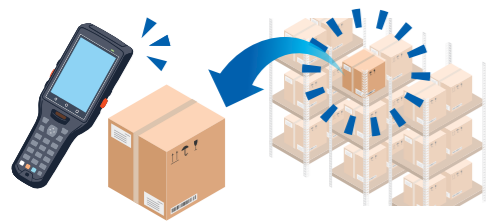
- NIPPON (Thailand) Co.,Ltd.
 Nippon Express Logistics (Thailand) Co., Ltd.
 Nissan Motor (Thailand) Co., Ltd.
 NITERRA ASIA CO., LTD
 NKT NIPPON KONPO (THAILAND) CO., LTD.
 NMB-Minebea Thai Ltd.
 NTN Manufacturing (Thailand) Co., Ltd
 NTPT Company Limited.
 PT NIPPON KONPO INDONESIA
 Siam Aisin Co., Ltd.
 Siam Denso Manufacturing Co.,Ltd.
 SIAM NITORI Co., Ltd.
 THAI ASAHI DENSO CO., LTD
 Thai Inaba Foods Co.,Ltd.
 Thai Nippon foods Co.,Ltd.
 UFM Fuji Super Co., Ltd.
 Unimicron (Thailand) Co., Ltd.

Production Management Systems (Information Technology)



01 Stock Management Systems / WMS

A system that supports accurate and efficient operations across the entire stock management process—receiving, storage, and shipping.



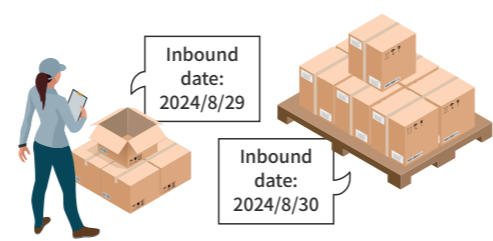
02 Production Management Systems

Delivered through three modules: Stock Management, Process Management, and Order Management. It enables end-to-end control—from material planning and order management to production performance tracking and stock control.



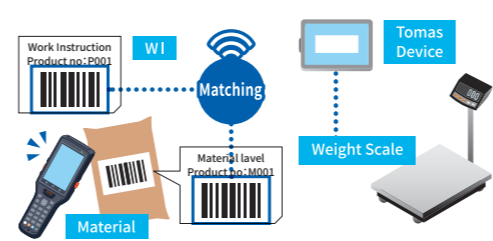
03 Production Scheduler

By simulating production plans, it enables quick responses to unexpected or urgent orders.



07 Weight Checker System

A system that wirelessly sends measurement data from weighing devices to a Handy Terminal, automatically recording and reflecting the results.



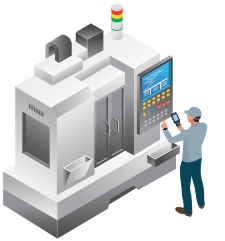
08 Maintenance Stock Management System

A stock management system specialized for managing maintenance parts.



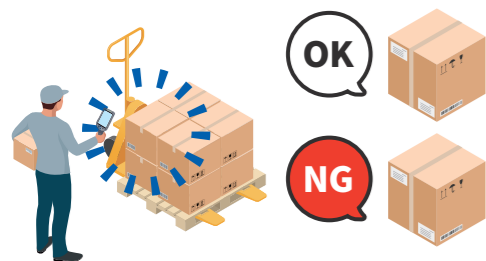
09 Maintenance System

A solution that centrally manages daily maintenance tasks and visualizes on-site work. Inspection items, work details, and schedules can be checked and recorded on a Handy Terminal, reducing paper-based management and reliance on verbal handovers, and significantly lowering daily workload.



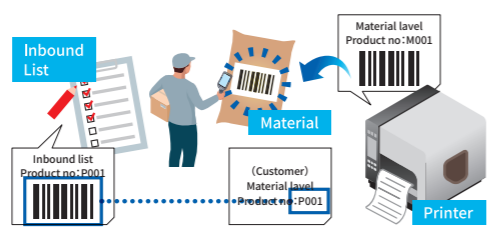
04 Inbound & Outbound Inspection System

A system that supports accurate inspection for receiving and shipping operations.



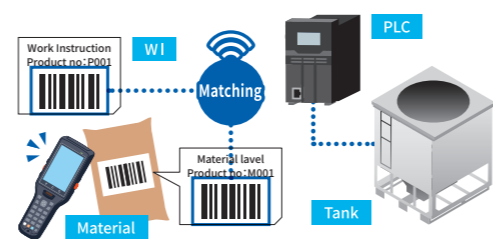
05 Label Printing Systems

Usable in various situations—from issuing labels at receiving, changing labels during picking, to issuing labels for process management.



06 Unlocking Systems

Designed to reduce the risk of picking mistakes and incorrect material input in manufacturing operations.



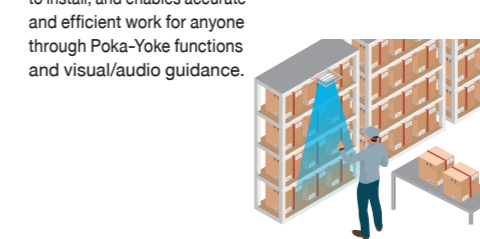
10 Digital Picking System

A solution designed to improve efficiency in parts picking and stock management processes.



11 Projection Picking System

A labor-saving picking system that uses image-processing technology and supports various shelf layouts. It can be introduced even in sites where display devices are difficult to install, and enables accurate and efficient work for anyone through Poka-Yoke functions and visual/audio guidance.



12 Electronic Kanban

A system that supports paperless operations and uses wireless communication to identify items/units and manage and track related information.



IoT & Traceability (Operation Technology)



Logistics Improvement Solutions (Factory Automation)



01 Production Line Visualization / IoT

Using IoT devices installed in the factory, we visualize a wide range of data such as operating time, downtime, abnormal signals, vibration frequency, temperature/humidity, and power consumption.



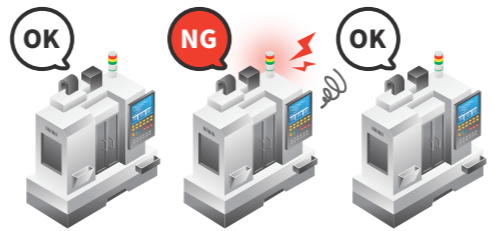
02 Energy Management System

By using various sensors, the system digitizes and monitors energy-related data—such as flow rate, air volume, power, voltage, water pressure, and water usage—comprehensively.



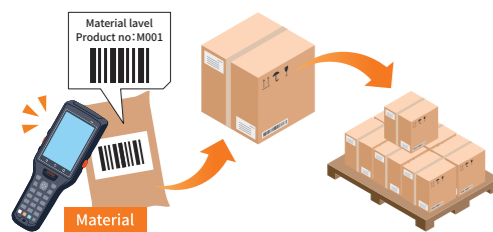
03 Traceability Systems (Production Equipment)

Collects records related to production and quality from equipment, and manages them by linking to the relevant products.



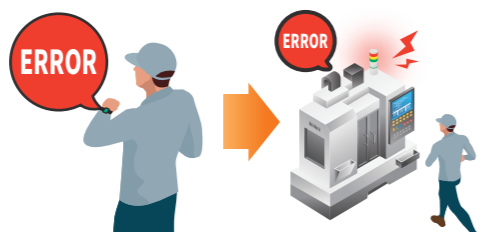
04 Traceability Systems (Lot Management)

Enables lot management across materials, work-in-process, and finished goods.



05 Smartwatch System

Delivers real-time notifications to specific individuals or groups via smartwatches.



06 Calling System

A system that enables easy calling/alerting from the shop floor to relevant departments, specific staff, or even forklifts.



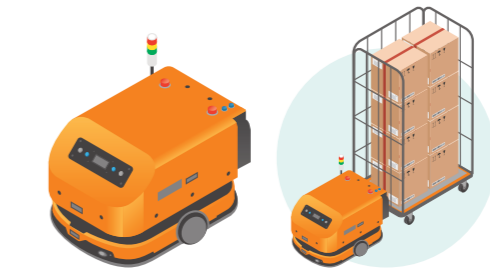
01 AGV/AMR - Under-Ride Type

Moves under racks/carts/jigs, lifts them, and transports them.



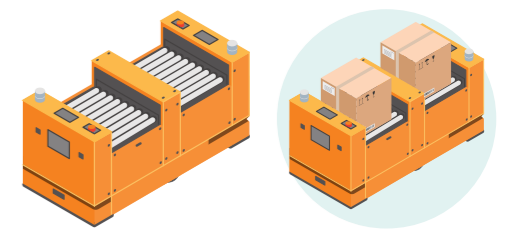
02 AGV/AMR - Towing Type / Conveyor Type

Transports by towing carts.



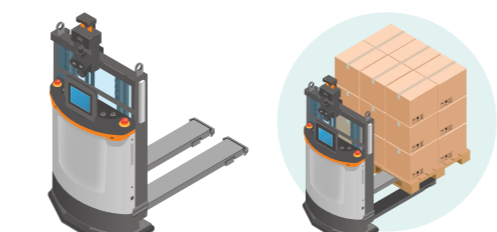
03 AGV/AMR - Conveyor Type

Equipped with an onboard conveyor to automatically load and unload items (boxes, returnable containers, trays, pallets, etc.).



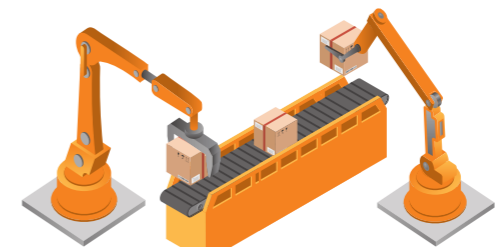
04 AGV/AMR - Forklift Type

Handles floor pallets, put-away and retrieval to/from racks, and transport to high locations.



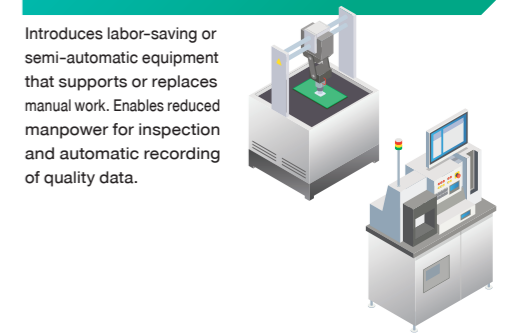
05 Robot Systems

Automation using collaborative robots, and palletizer systems using industrial robots.



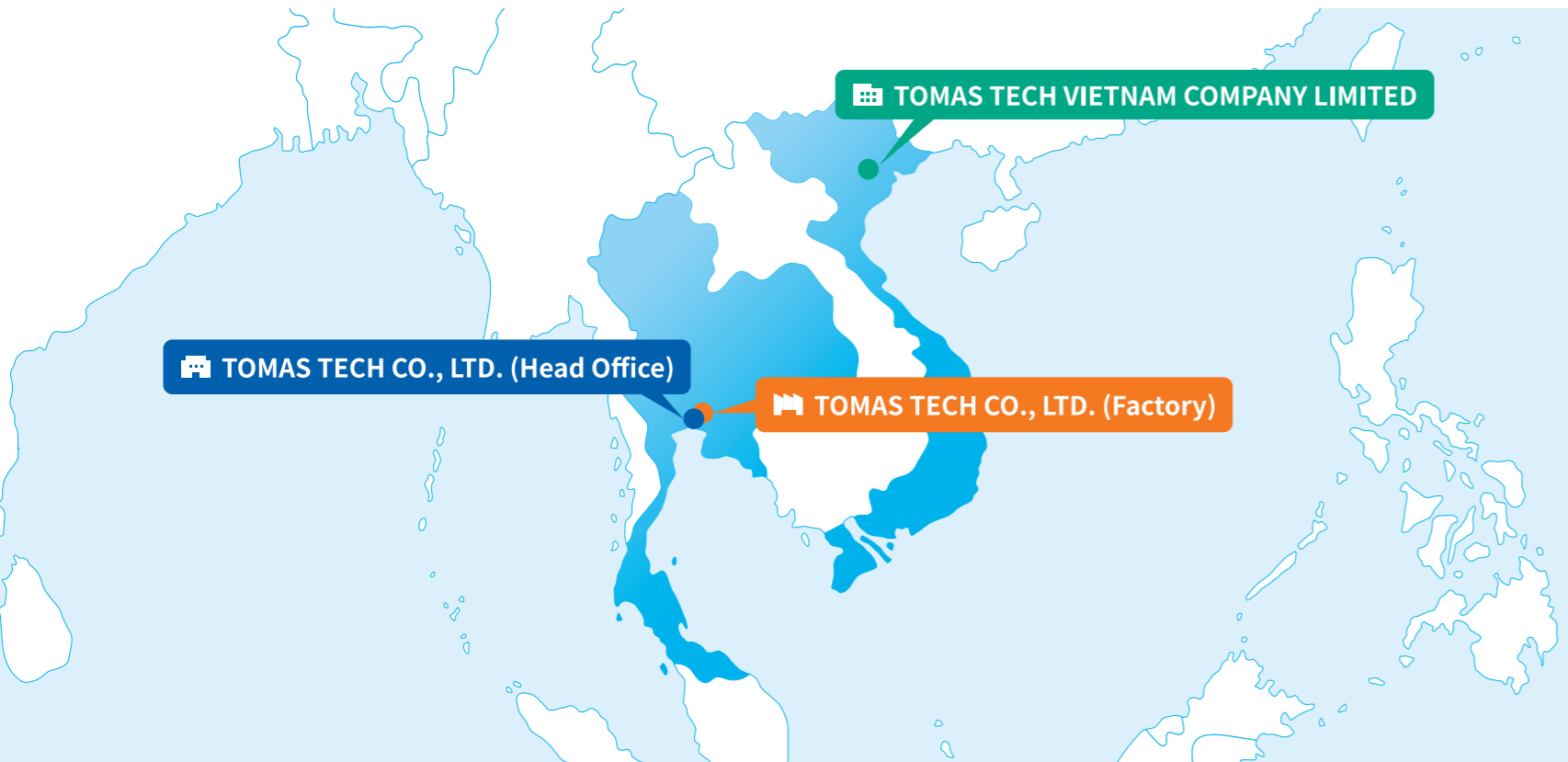
06 Labor-Saving Equipment / Inspection Equipment

Introduces labor-saving or semi-automatic equipment that supports or replaces manual work. Enables reduced manpower for inspection and automatic recording of quality data.



Our Locations

Tomas Tech is headquartered in Bangkok, Thailand, with an integrated capability covering software development, FA equipment fabrication, and proof-of-concept validation for AGV/AMR solutions. In Bangkok, we operate two sites—an office site and a factory site—enabling us to complete everything locally from design and development to on-site verification and demonstrations. We also have an office in Hanoi, Vietnam, where we expand our system development and sales operations.



TOMAS TECH CO., LTD. (Head Office)

Address No.1 MD Tower 16Fl, Unit C1, Soi Bangna-Trad 25, Debaratna Rd., Khwaeng Bang Na Nuea, Khet Bang Na, Bangkok 10260 Thailand.

Role & Functions

The Bangkok Office serves as Tomas Tech's core office base, mainly responsible for system development, design, and sales activities.

- 1 Design & development of business systems and FA-integrated systems
- 2 System design including PLC and equipment integration
- 3 Project management and requirements definition
- 4 Sales activities, technical proposals, and customer support (Japanese / Thai / English)

TOMAS TECH CO., LTD. (Factory)

Address No. 11, Soi On Nut 65, Intersection 9, Khwaeng Prawet, Prawet, Bangkok 10250 Thailand.

Role & Functions

The Bangkok Factory serves as an implementation base for the FA (Factory Automation) domain, handling equipment fabrication as well as validation and demonstrations using actual machines.

- 1 Fabrication of FA equipment, labor-saving devices, and semi-automatic machines
- 2 Assembly and validation of robot systems and inspection equipment
- 3 Demonstrations of AGV/AMR solutions
- 4 Pre-validation and PoC support with customer attendance

TOMAS TECH VIETNAM COMPANY LIMITED

Address 6th Floor, Sacombank Building, No. 35 Luong Dinh Cua, Kim Lien Ward, Hanoi City, Vietnam.

Role & Functions

The Vietnam (Hanoi) office supports business expansion as a base for system development and sales activities.

- 1 System development (business applications and peripheral systems)
- 2 Strengthening development resources and offshore collaboration
- 3 Sales activities for Vietnam and neighboring countries
- 4 Project execution in coordination with the Thailand base

Case Studies

Production Management System Case Study

PEGASUS Production Management System (Stock Management, Process Management, Order Management)

Provides end-to-end visibility and control—from procurement and warehousing to the production floor.

Customer Companies



Minebea AccessSolutions Thai Ltd.

Minebea AccessSolutions Inc. is an automotive parts manufacturer headquartered in Miyazaki City, Miyazaki Prefecture, Japan. Minebea AccessSolutions Thai Ltd. is the company's Thailand base, mainly engaged in the manufacturing and sales of automotive parts.



Customer Companies



▲ From left: Mr. Yokoyama and Mr. Todo (CIMTOPS CORPORATION), Mr. Chanapai and Mr. Usui (NTPT), and Mr. Nozaki, Ms. Soraya, and Mr. Arunwit (TOMAS TECH).

NTPT Company Limited

NTPT Company Limited is a parts processing manufacturer in Thailand that serves as a production base in Southeast Asia. The company's core operations include turning for hub bearings, forging and turning of outer races for constant-velocity (CV) joints, and shaft turning—contributing to an integrated local production system.



Problems

✓ Human Errors Due to Manual Operations

Errors occurred during the process of transferring paper production daily reports to Excel and reflecting them in the system, leading to information entry mistakes and loss of paper data.

✓ Inefficiencies Due to Manual Work

Managing with paper documents and Excel makes it challenging to accurately track stock levels and delays the inbound and outbound processes of products.

Results

By issuing work instructions to operators via a Handy Terminal, it improved **“Work Efficiency”** and helped prevent work from becoming dependent on specific individuals.

By systemizing the process, on-site managers, office administrators, and staff in other processes could monitor work progress, enabling **“Work Visualization.”**

Future Outlook

System implementation for the warehouse was completed in FY2023. In FY2024, the company will proceed with implementing a Process Management System for the molding and painting processes, as well as an order quantity control system.

Problems

✓ Eliminate human errors caused by recording production quantities and issues on paper

✓ Reduce excessive work steps caused by re-entering paper records into Excel

Results

✓ Reduced work time and decreased human errors from handwriting

By digitizing all paper-based forms, the company reduced time spent on writing and transcribing, helping eliminate omissions and mistakes caused by handwritten entries.

✓ Enabled creation of familiar, customized electronic forms

A key advantage of i-Reporter is that users can create and edit forms themselves. This made it possible to digitize not only shop-floor forms but all forms used across operations.

Reason for Choosing Us

"I had used i-Reporter at a previous factory and knew how easy it was to use, so we decided to adopt it. Our existing Excel forms can be used as-is as iPad-based electronic forms, so the shop floor accepted it without resistance and we were able to implement it smoothly. With the system in place, time spent on transcribing, processing, and checking data has been reduced, contributing to shorter working hours for employees." (Mr. Usui, NTPT)

Case Studies

We would like to share feedback we have received from our customers so far.

Customer Companies



▲From left: Mr. Nozaki (TOMAS TECH) and Mr. Nakajima, Managing Director (SMPT)

Sanko Mold and Plastics(Thailand) Co.,Ltd.

Implemented Solution/ PEGASUS Stock Management Systems

A Thailand subsidiary of Sanko Mold Co., Ltd. (Head Office: Miyoshi City, Aichi Prefecture, Japan). Established in 2012, the company manufactures molds, mold components, and plastic injection-molded parts at its own factory in Amata City Rayong Industrial Estate. parts for automobiles and motorcycles to stationery items.

Stock Management System – Case Study/

A custom-made stock management system helped resolve challenges on the production floor in Thailand and improved work efficiency.

Problems	<ul style="list-style-type: none"> ✓ Stock quantities were managed manually on a whiteboard, making human errors unavoidable. ✓ Without real-time stock visibility, production planning was difficult. ✓ Incorrect products were delivered due to mistakes.
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Reason for Choosing Us	"At first, we considered packaged software, but it was expensive and we would have needed to adjust our processes to fit the system. With TOMAS TECH, a custom-made system was possible. They carefully interviewed us about our stock management flow and requirements, and after multiple alignment meetings, they incorporated the functions we needed. Since our familiar Excel formats can be used within the program, the shop-floor staff felt no discomfort using it." (Mr. Nakajima, Managing Director)
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Results	<ul style="list-style-type: none"> ○ Enabled reorder point management to prevent overstock and stockouts. ○ Enabled strict FIFO control by managing product locations, helping resolve overflow issues. ○ Supported inbound/outbound operations with Handy Terminals, improving both efficiency and accuracy.
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Customer Companies



▲From left: Mr. Nozaki (TOMAS TECH) and Mr. Iijima, Managing Director (UPT)

UEDA PLASTIC (THAILAND) CO.,LTD.

Implemented Solution/ PEGASUS Stock Management Systems, Operation Management Systems, Smartwatch System

A Thailand subsidiary of Ueda Plastic Co., Ltd. (Head Office: Ueda City, Nagano Prefecture, Japan). Established in 2013. The company manufactures and processes plastic parts, including thermoplastic injection molding and decorative finishing on resin products. Its products cover a wide range—from parts for automobiles and motorcycles to stationery items.

Stock Management System & Operation Management Systems – Case Study/ Improved productivity and traceability through function customization tailored to the manufacturing floor.

Problems	<ul style="list-style-type: none"> ✓ Move away from manually entering handwritten daily report data. ✓ Manage production information in real time. ✓ Prevent human errors caused by handwriting and manual data entry.
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Reason for Choosing Us	"We wanted to focus only on the functions we truly need and remove unnecessary ones. The deciding factor was that TOMAS TECH flexibly adds and modifies functions to fit our operations. We have long felt that changing shop-floor work just to use a system is the wrong order. TOMAS TECH designs the system to match our manufacturing process, making it easy for operators to use and keeping operational burden low. During development, they always listened to shop-floor staff and aimed to build something they can use comfortably." (Mr. Iijima, Managing Director)
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Results	<ul style="list-style-type: none"> ○ Stock Management Systems Managed traceability information from material receiving and production input through to shipment as finished products. When issues occurred, it became easy and fast to identify the relevant lot. ○ Operation Management Systems (Smartwatch-linked) Managed molding machine operating status and completed production quantities. Real-time visibility enabled quick response to abnormalities. Linked with smartwatches, notifications could be received even from a distance, reducing "run-to-site" time loss.
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Customer Companies



▲Kaneka (Thailand) staff and TOMAS TECH staff

Kaneka (Thailand) Co.,Ltd.

Implemented Solution/ PEGASUS Stock Management Systems, Process Management Systems

Kaneka Corporation is a major Japanese chemical manufacturer headquartered in Kita-ku, Osaka and Minato-ku, Tokyo. Kaneka (Thailand) Co., Ltd. was established in 2015 as its Thailand subsidiary. The company manufactures foam plastic products in Thailand and sells them across Southeast Asia. In recent years, it has expanded a wide range of product lines—such as food, solar cells, and wigs—into Thailand and ASEAN countries.

Stock & Process Management Systems – Case Study/ Meeting on-site needs through a “small-step” implementation approach.

Problems	<ul style="list-style-type: none"> ✓ Human errors from manual operations When paper-based daily production reports were transcribed into Excel and then reflected in the system, input mistakes and loss of paper data occurred. ✓ Unable to grasp accurate stock information in a timely manner There was a time lag of about 2–3 days after production before information was reflected in the system.
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Reason for Choosing Us	"The key decision factor was the ability to develop and customize the system step by step to match our needs. We installed the system in two phases, which made on-site operation smooth. The detailed support after implementation has also been very helpful." (Mr. Yokoyama, Managing Director, Kaneka Thailand)
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Results	<ul style="list-style-type: none"> ○ Stock Management Systems/ Process Management Systems "Being able to grasp stock information in a timely manner significantly improved production efficiency. We can manage everything in one system—from receiving materials to manufacturing and shipping finished goods. In addition, quality inspection data has been stored in a database and linked with the system, contributing to operational efficiency in many ways. Going forward, we want to further improve management accuracy, eliminate unnecessary stock, and speed up the handling of defective products." (Mr. Hamamatsu, General Manager, Kaneka Thailand)
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Download the solution
brochure here

