

**ZUKEN**

**CORPORATE PROFILE 2025**

English version

# The Partner For Success

Ring of Scenery – a contemporary sculpture at the front entrance of the Global Headquarters and R&D Center in Yokohama, Japan. It symbolizes the engagement between Zuken and customers.

Chairman and CEO **Makoto Kaneko**



## Innovating with Purpose: Creating Value and Fueling Growth

The manufacturing industry is evolving quickly. With new technologies emerging and societal expectations shifting, our industry faces increasing complexity—and opportunity.

At Zuken, we believe our software and services should do more than support operations; they should spark innovation. Our role is to help turn bold ideas and cutting-edge technologies into real-world products that make a difference.

Even as the pace of change accelerates, our commitment remains constant. We're here to empower our customers—to help them create value, stay competitive, and build a better future.



**MEDICAL**



**MOBILITY**



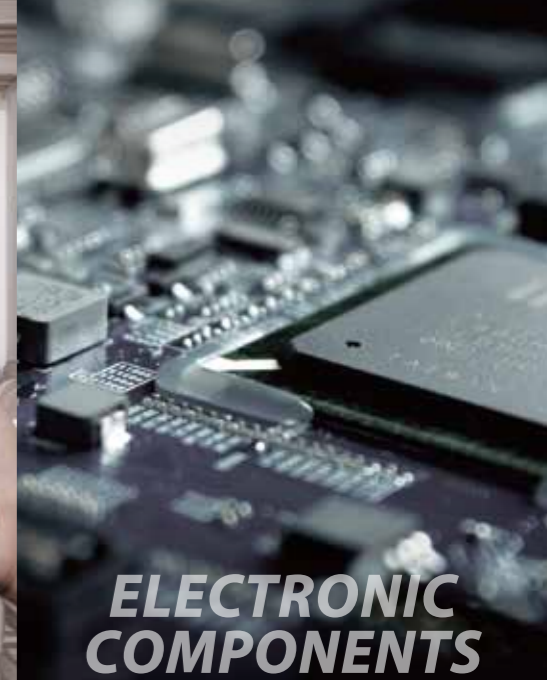
**AEROSPACE**



**INDUSTRIAL EQUIPMENT**



**IoT**



**ELECTRONIC COMPONENTS**

# Vision

## Create a sustainable future with the power of Digital Engineering



### COO message

## Advancing as a Digital Engineering Company

Since our founding, Zuken has used software to support electronic product development, a field that demands exceptional quality and productivity. By helping leading global companies improve their processes, we've gained deep industry knowledge and strong problem-solving expertise. Many of our customers are embracing Digital Transformation (DX) and turning to Digital Engineering initiatives like Model-Based Systems Engineering (MBSE). With our experience in product development processes, we're actively driving the global adoption of Digital Engineering, with MBSE at its core.

Digital Engineering redefines how products are developed—shifting from traditional documents to dynamic System Architecture Models. This approach enables more robust product definition and early-stage analysis, helping teams tackle complexity and deliver advanced, high-performance products.

Our customers work across diverse industries with unique competitive pressures. We believe MBSE holds significant potential to enhance both product quality and market competitiveness. To unlock that value, we take time to understand each customer's goals and challenges through detailed consulting, then deliver solutions tailored to their future success.

This is where Zuken's strengths shine: in building deep, solution-focused partnerships that move innovation forward.



President and COO **Jinya Katsube**

## Digitally Connecting the Entire Product Lifecycle

# MBSE

Model-Based Systems Engineering

Rapid technological advances are transforming product development processes within the manufacturing industry. To enable higher-quality, more efficient product development, Zuken delivers products and services centered on Model-Based Systems Engineering (MBSE) that digitally connect the product lifecycle, from planning and design to fabrication and maintenance.



### Innovative Engineering for Product Development in a Connected World

As products become more connected, developing new features increasingly depends on complex system integration. Zuken helps customers adopt MBSE to gain a system-level view early in concept development, validate trade-offs, and make better decisions. Zuken's support includes implementation and operations consulting, plus the software and tools that enable MBSE.



### Engineering Data Management

## EDM

DS-2

### Engineering Data Management that Only Zuken, with its Rich E/E Design Expertise, can Provide.

DS-2 is an engineering data and workflow management platform. It consolidates electrical and electronic design data—from component libraries to BOMs and change control—into a single structured system. Seamlessly embedded within CR-8000 and E3.series environments, DS-2 supports revision control, process transparency, and integration with PLM systems for streamlined collaboration and efficiency.



### Electronics Design Automation

## EDA

CR-8000

### Advanced PCB Design and IC Packaging Solutions with Native 3D and AI Capabilities

Zuken's CR-8000 is an electronic design automation (EDA) platform designed to handle today's most complex multi-board PCB and system-level designs. It supports a seamless "concept-to-manufacturing" workflow that integrates system architecture planning, schematic capture, chip/package/board co-design, AI-powered routing, high-speed signal and power integrity analysis, and optimized manufacturing output.



### Electrical Control and Wiring Design

E3 series

### Wiring Design Solutions Contributing to Efficiency and High Quality in Industrial Equipment Development

E3.series is an electrical and fluid engineering design platform, delivering a unified environment for schematic capture, wiring diagrams, harness and cabinet layouts, and manufacturing documentation. Its object-oriented architecture ensures real-time synchronization across all design views, improving accuracy and efficiency. Integrated rule-checks, seamless MCAD connectivity, and comprehensive output capabilities support robust, end-to-end engineering processes for global customers.



### Automotive Electrical and Electronic (E/E) Systems Engineering

E infinite

### Advanced E/E System Design Solutions for Next-Generation Mobility Development

As automotive development becomes increasingly advanced and complex with a growing number of cutting-edge electronic systems, Zuken delivers E/E system design environments central to their development. By leveraging generative design, Zuken streamlines workflows from circuit design through wire harness manufacturing, while improving product quality.



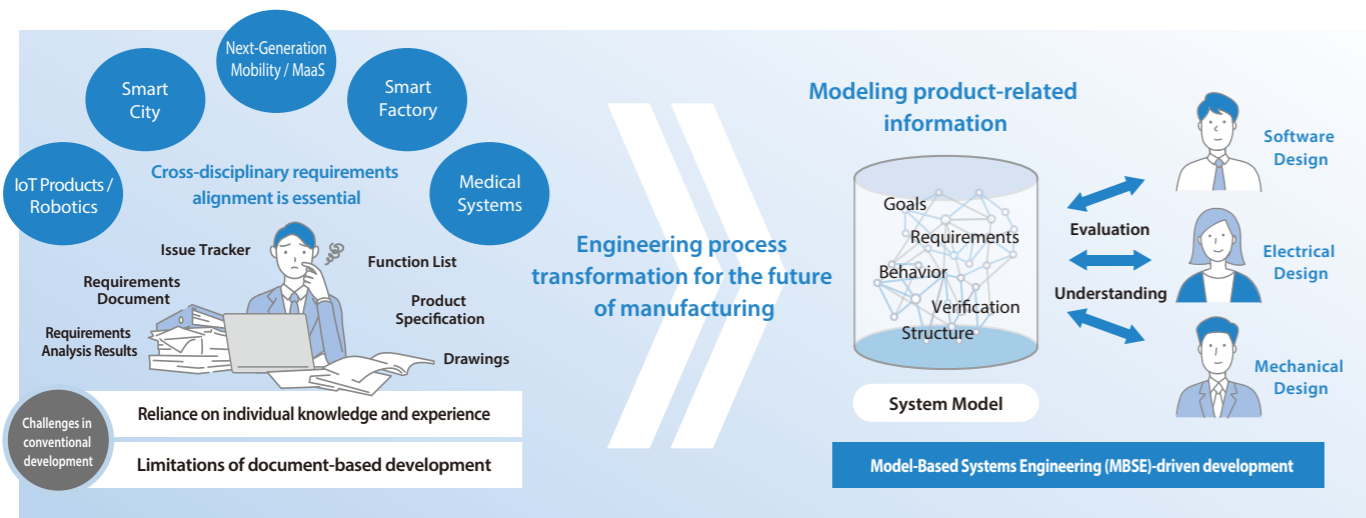
## Product Development for a Connected Society: Balancing Precision and Speed to Deliver the Optimal Solution

Today, as IoT and AI proliferate, product complexity and sophistication continue to rise, requiring product development that connects across many systems. In this context, MBSE has emerged as the leading development methodology.

Rooted in Systems Engineering, MBSE uses system models to manage end-to-end development, conduct specification reviews, and define architecture. As system requirements grow more complex, document-based methods often create stakeholder misalignment and rework, making it difficult to respond to changing needs. MBSE centralizes project objectives, requirements, structure, and behavior in visual models, simplifying the sharing of design intent and

improving quality and efficiency from the earliest stages of development. It is a core approach for next-generation manufacturing, balancing accuracy with speed and flexibly adapting to future changes.

Building on MBSE, Zuken advances and optimizes manufacturing by supporting innovation in engineering design and manufacturing processes. To help manufacturers gain a comprehensive view across technical domains and accelerate innovative product development, Zuken promotes engineering process transformation centered on MBSE.



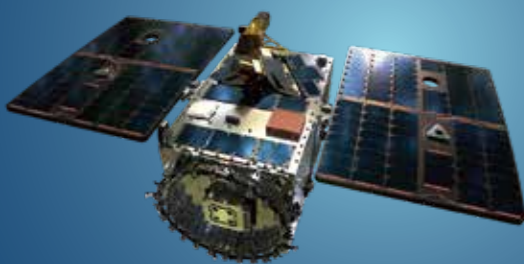
### MBSE Case Study

#### Driving Success in Satellite Development

Creotech Instruments S.A., a Poland-based space technology company, used Zuken's GENESYS MBSE tool to develop its Earth-observation nanosatellite, EagleEye, launched in 2024. This initiative established MBSE practices across the program.

For EagleEye, GENESYS managed the end-to-end process for the space mission—from capturing stakeholder requirements to architecture design, verification, and validation—improving design consistency and traceability and, in turn, development efficiency and quality.

In addition, by integrating GENESYS with Zuken's E3.series, Creotech increased efficiency in their wire-harness design processes.



## Supporting Grand Large Yachting's Innovation for Sustainable Cruising

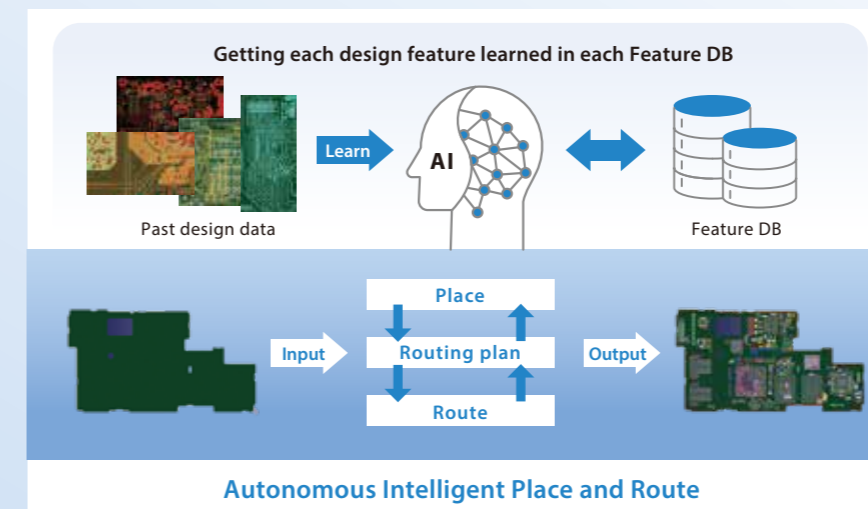
Grand Large Yachting, a French manufacturer of long-distance cruising yachts, strives for excellence by combining advanced craftsmanship with sustainability. Since its founding, the company has promoted innovation in product development and enhanced its company-wide engineering processes by leveraging technologies that foster creativity among its designers.

The introduction of Zuken's electrical design solution, E3.series, helped manage increasingly complex electrical systems while ensuring consistent product quality. By standardizing and automating the electrical design process, Grand Large Yachting has been able to configure each yacht to customer needs and reduce development lead times dramatically—from days to hours.

Committed to sustainability, the company continues to develop advanced solutions such as bio-based resins, solar panels, flax fiber, and hybrid energy systems combining solar, hydro, and electric power to minimize environmental impact. Zuken supports their mission to achieve truly sustainable cruising.



## Revolutionizing PCB Design with AI to Address the Manufacturing Industry's Shortage of Skilled Workers



As electronic devices become smaller and more sophisticated, the engineering effort required for electrical design continues to grow. Combined with a shortage of skilled engineers, this has made improving efficiency through automation a major challenge for the manufacturing industry. To meet this challenge, Zuken is continuously developing Autonomous Intelligent Place and Route—an AI-powered placement and routing function for printed circuit boards. This technology streamlines electrical design tasks by automating placement and routing in a way that reflects the preferences and design approaches of engineers, rather than relying solely on conventional mechanical automation.

## Supporting the Engineers Who Will Shape the Future of Manufacturing

Formula Student is a hands-on engineering competition where students design, build, and race single-seat formula cars. In addition to evaluating vehicle performance, teams are judged on design concepts, cost-efficiency for mass production, and marketing strategies—making it a comprehensive test of real-world engineering skills. Zuken has long supported student teams participating in Formula Student, primarily in Europe and Japan. We provide design assistance to the Formula Team of Yokohama National University, located in our headquarters city of Yokohama, by offering our electrical design tool E3.series to support the development of their vehicles. Zuken will continue to support the next generation of passionate engineers as they take on new challenges in the world of manufacturing.



## Software Born in Japan, Grown Worldwide

Zuken's software, developed in Japan, was introduced to North America shortly after the company's founding, and has since expanded across Europe and Asia. Today, Zuken operates in 14 countries worldwide and maintains R&D centers in Japan, Germany, the United Kingdom, and the United States. These centers work in close collaboration to drive innovation, incorporating cutting-edge technologies at speed and delivering solutions that power manufacturing around the world.



### Japan & Asia

Our head office is in Yokohama, the city where Zuken was founded. The head office oversees product and business development in Japan and worldwide. The operating environment faced by manufacturing industries is increasingly global and borderless. Companies look to Asia as not only a manufacturing base, but as an important center for product development. We have therefore established subsidiaries in South Korea, Singapore, China, Taiwan, and India. We have built a system for accurately identifying the needs of customers in each region to offer the best possible solutions.



- Japan
  - Global Headquarters/ R&D Center (Yokohama)
  - Center Minami Building (Yokohama)
  - Shin-Yokohama Building (Yokohama)
  - Kansai Branch (Osaka)
  - Nagoya Branch (Nagoya)
- South Korea
  - Zuken Korea Inc.
- Singapore
  - Zuken Singapore Pte. Ltd.
- China
  - Zuken Shanghai Technical Center
  - Zuken Inc. Shenzhen Representative Office
- Taiwan
  - Zuken Taiwan Inc.
- India
  - Zuken India Private Limited

- Headquarters
- Regional headquarters
- Business locations
- ★ Main R&D offices
- ▲ Sales offices

### Europe

Zuken has a strong business foundation in Europe, a region that is home to many leading companies in global markets such as industrial machinery and automotive products. We complement our European sales network with bases that carry out core technology development. Our Global Automotive and Transportation Competence Center in Germany is part of Zuken's organization for developing next-generation automotive electronic and electrical design solutions for global markets.



- Germany
  - Zuken GmbH (European Headquarters)
  - Zuken E3 GmbH
  - ★ Zuken GmbH (EMC Technology Center)
  - Zuken E3 GmbH Office Nord
  - ★ Zuken E3 GmbH (Global Automotive and Transportation Competence Center)
- UK
  - ★ Zuken Ltd. (Zuken Technology Center)/ Zuken Group Ltd. / Zuken UK Ltd.
- Poland
  - Zuken E3 GmbH Sp.z o.o
- Switzerland
  - Zuken E3 GmbH, Zweigniederlassung
- France
  - Zuken S.A.
- Italy
  - Zuken S.r.l.
- Netherlands
  - Zuken GmbH, Sales Office Benelux

### Americas

North America has many innovative companies that greatly influence manufacturing worldwide, and is also an important business development base for Zuken. Zuken provides advanced solutions to many leading U.S. high-tech companies in this market. In addition, we are actively developing MBSE solution products, leveraging the extensive experience of Zuken Vitech in Systems Engineering.



- USA
  - Zuken USA Inc. (American Headquarters)
  - ★ Zuken Vitech Inc.

Distribution of Personnel <small>(As of the End of March 2025)</small>	Japan* (Zuken Inc.)	Global
	<b>433</b>	<b>379</b>

\*Excluding domestic affiliated companies and employees stationed overseas.

Since its founding in 1976, Zuken has grown in tandem with the advancement of the electronics industry. While playing a behind-the-scenes role in the development of countless electronic devices that enrich society, we have steadily expanded both our solution offerings and business domains in step with the broadening applications of electronics. Looking ahead, we remain committed to supporting our customers as they embrace new technologies—and to contributing to a more prosperous society.

### Opening the Door to Automated PCB Design with Japan's First CAD/CAM System



Create 2000 at its launch

- Dec. 1976** Zukei Shori Gijutsu Kenkyusho Inc. established.
- Jun. 1978** Japan's first full-scale CAD/CAM system Create 2000, for the design of printed circuit boards, developed.



### Establishing a Solid Business Foundation Alongside the Growth of the Electronics Industry

Contributed to the miniaturization of electronic devices

- Oct. 1991** Registered on the Second Section of the Tokyo Stock Exchange as the first electronic design automation (EDA) corporation.
- Jan. 1992** Zuken Europe GmbH (now Zuken GmbH) established in Germany.
- Jan. 1992** Zuken Korea Inc. established in South Korea.
- Aug. 1992** Zuken Singapore Pte. Ltd. established in Singapore.
- Apr. 1994** EDA vertical integration solution CR-5000 developed.
- Jun. 1994** Zuken acquired Racal-Redac Ltd. of the United Kingdom.
- Sep. 1994** Moved to the First Section of the Tokyo Stock Exchange.
- May. 1996** DS-1, a Product data management solution specialized for the electronics design, developed.

### Expanding Solutions to Include Wire Harness Design and Electro-Mechanical Integration



Developed E/E system design solutions for the transportation industry

- May 2010** Zuken concluded a capital alliance with Lattice Technology Co., Ltd.
- Jun. 2011** Visual BOM, a new generation engineering platform that merges bill of materials technology with the ultra lightweight 3D format XML, released.
- Oct. 2011** CR-8000, including Design Force, launched the next-generation electronics design platform. This completed Zuken's system level electronics design environment.
- Aug. 2014** Global Automotive and Transportation Competence Center established in Erlangen, Germany.
- Dec. 2014** Zuken and Toyo Business Engineering (now Business Engineering Corporation) concluded an agreement on a capital and business alliance.
- Mar. 2015** Zuken India Private Limited established in India.
- Jul. 2015** Zuken took over YDC Corporation's CADVANCE business (CAD and PDM operations).
- Apr. 2016** Zuken split off its PreSight Division to establish Zuken PreSight Inc.
- Dec. 2017** Zuken acquired Alfatech Inc. (now Zuken Alfatech Inc.)
- Aug. 2019** Zuken acquired Vitech Corporation (now Zuken Vitech Inc.) of the United States.
- Sep. 2019** Zuken and Ghelia Inc. concluded an agreement on a capital and business alliance.
- Oct. 2019** Zuken Modelinx Inc. established.

1970

The Evolution of Electronic Products ▶



1980



1990



2000



2010



2020



- Nov. 1983** Zuken America Inc. (now Zuken USA Inc.) established in California, United States.
- Jan. 1988** CR-3000 (PWS), a printed circuit board CAE/CAD/CAM network workstation, developed.

### Accelerating Global Sales as a General-Purpose Software Provider



CR-3000 adapted to UNIX OS and workstation environments

- Mar. 2000** Zuken acquired all shares of INCASES Engineering GmbH.
- Mar. 2002** Began providing wire harness design software for the automotive industry.
- Jun. 2002** Zuken (Shanghai) Technical Center Co., Ltd. established in China.
- Feb. 2004** ePLM DS-2, a Product lifecycle management solution focusing on E&E process, released.
- Aug. 2005** Zuken Taiwan Inc. established in Taiwan.
- May 2006** Zuken acquired Germany's CIM-TEAM (now Zuken E3 GmbH).
- Jun. 2007** V54EE, a mechanical CAD system specially designed for the electronics industry, released.
- Jun. 2009** Enterprise PLM PreSight released.

### Promoting Globalization of R&D and Business Development Structures



UK-based R&D hub: Zuken Technology Center

- Nov. 2021** Business Engineering Corporation became an equity-method affiliate following an additional investment by ZUKEN.
- Apr. 2022** Stock listing was moved to the Prime Market because of the restructuring of the Tokyo Stock Exchange into new market segments.

### Expanding MBSE Solutions: Strengthening Manufacturing DX Support



Announcing a new MBSE product strategy for Japanese manufacturing industry

## A Sound Financial Foundation and Steady Business Growth

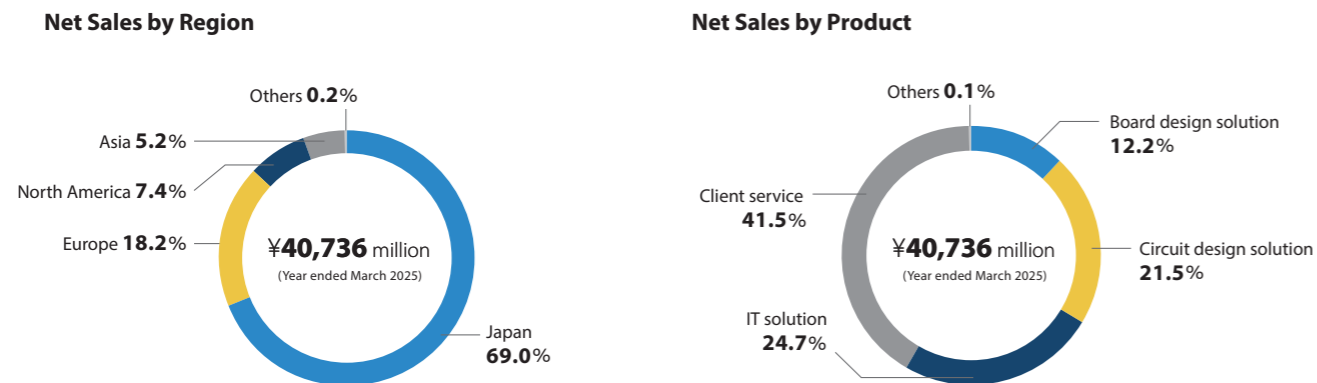
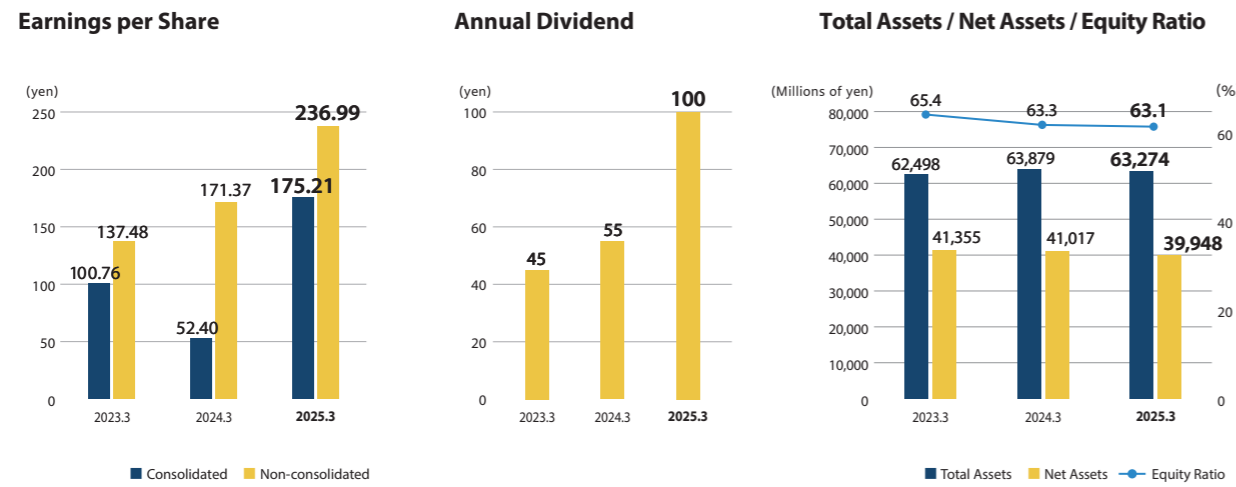
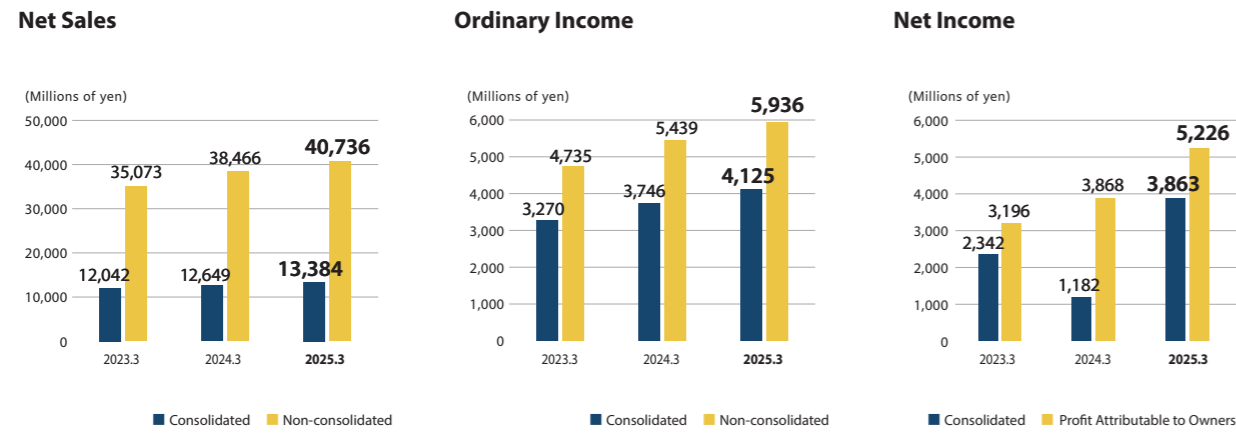
For manufacturers, product development is a fundamental driver of future growth. Zuken provides the solutions required for competitive product development. To support customers' strategic product development and earn long-term confidence in our solutions, Zuken maintains a strong financial foundation.

As innovation in information technology accelerates, Zuken invests with flexibility to deliver cutting-edge technology solutions on time. Since its founding, Zuken prioritizes and sustains a solid financial foundation as a core management strategy.



<b>Company Name</b>	Zuken Inc.	<b>Directors and Auditors</b>	Makoto Kaneko, Chairman and CEO Jinya Katsube, President and COO Yoshikazu Soma, Representative Director and Executive Vice President Takashi Sano, Director* Wakana Takahara, Director* Fusao Wada, Full-time Audit & Supervisory Board Member Yasutoyo Takada, Audit & Supervisory Board Member* Etsuko Kawaguchi, Audit & Supervisory Board Member*
<b>Foundation</b>	December 17, 1976		
<b>Head Office Location</b>	2-25-1, Edahigashi, Tsuzuki-ku, Yokohama, 224-8585 Japan		
<b>Paid-in Capital</b>	JPY 10,117,065,000		
<b>Number of Employees</b>	438 (Consolidated: 1,610) as of March 31, 2025.		
<b>Stock Listing</b>	Tokyo Stock Exchange, Prime Market		
<b>Business Areas</b>	Research and development of a wide variety of software solutions that support the optimization of product design and engineering operations for manufacturing industries, and marketing of software solutions with expert consulting services.	<b>Executive Officers</b>	Yasuo Ueno, Senior Managing Executive Officer Hiroyuki Fujiwara, Managing Executive Officer Takeo Osawa, Executive Officer Isao Nara, Executive Officer Takao Otsuka, Executive Officer Ryosuke Takagi, Executive Officer

\* Outside Directors / Outside Audit & Supervisory Board Members.



## Group Companies In Japan



### Zuken Tec Inc.

Zuken Tec provides consulting, on-site manager and engineer dispatch, as well as contracting services that support a broad range of design and development operations, including CAD installation, startup, and operation.



### Zuken NetWave Inc.

Zuken NetWave sells and supports state-of-the-art hardware and software for corporate networks, which are indispensable for today's business activities. These networks also include security and storage solutions.



### Zuken Elmic Inc.

Zuken Elmic specializes in developing custom embedded software, focusing on low-latency streaming and communication protocols. Our expertise is applied to various industries, including security, industrial automation, and automotive.



### Zuken PreSight Inc.

Zuken PreSight develops and markets creative products that support the manufacturing industry, including product lifecycle management (PLM) systems based on technology that coordinates lightweight 3D data and bill of materials (BOM). It also provides knowledge management solutions with a unique concept that reduces user burden.



### Zuken Alfatech Inc.

Zuken Alfatech provides a variety of solutions and services primarily to customers in the mechatronics industry, including development, sales, and support for electrical CAD. It sells and customizes 2D/3D general-purpose mechanical CAD and CAE systems. As a new business area, Zuken Alfatech is also developing 3D modeling applications for the construction field, which is a domain with excellent potential.



### Zuken Modelinx Inc.

Zuken Modelinx provides comprehensive and expert services centered on development support for companies aiming to introduce and operate methods such as MBD (model-based design) and BSE (model-based systems engineering) in product development.



### Business Engineering Corporation

Business Engineering Corporation provides manufacturing customers with abundant IT solutions, including ERP consulting, development, and implementation services and SCM (Supply Chain Management) package systems development and sales services, to support their operational reforms.

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The Partner For Success