

Technology to Inspire Innovation

Technology to In

JAE Corporate Philosophy

"Explore, Create and Practice"

In response to the boundless, changing needs of society,
our duties are never-ending exploration and creation.

Business enterprise must essentially be like the earth as it spins
and revolves through the boundless universe, in the midst of incessant change.

Exploration and **creation** are born in an environment of freedom and independence,
and raised by relentless quest and actions which vigorously transcend barriers and difficulties.

Practicing this principle and further making contributions to society;
this more than anything is the goal of our business, and the source of our development.

Company Name : Japan Aviation Electronics Industry, Limited

Establishment of Business : August 20, 1953

Net Sales (Consolidated) : ¥235.9 Billion (FY2022)

Stock Exchange Listing : Tokyo Stock Exchange, Prime Market

Main Businesses : Manufacturing and sales of connectors, user interface solutions,
and aerospace and related electronics

spire Innovation



Tsutomu Onohara
Chairman

Masayuki Muraki
President

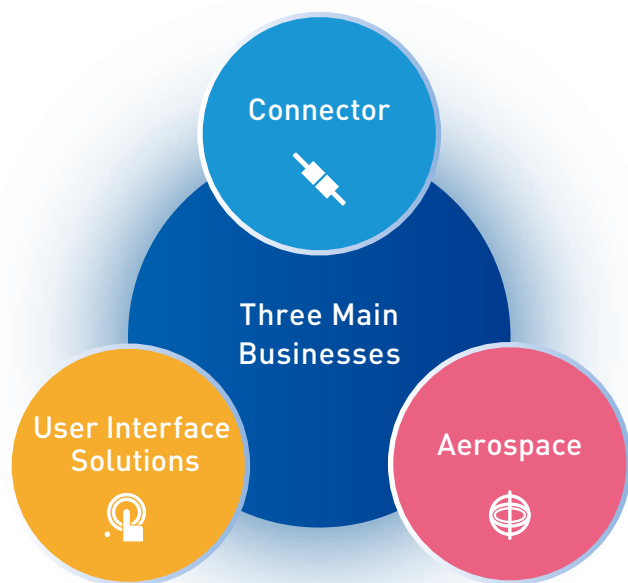
Since our establishment in 1953, we at JAE, under the corporate philosophy of "Explore, Create and Practice", have successfully developed and globally expanded our three core business areas of connectors, user interface related devices, and aviation electronics supported by our outstanding development capability in innovative and creative technologies.

With our global corporate slogan "Technology to Inspire Innovation", JAE focuses on technological development and product creation that inspire customer's innovation. For many years, as a basic management policy, JAE has promoted global business expansion based on the consolidated management of the JAE Group including all its subsidiaries; enhancement of global marketing and product development capabilities; and innovation of product quality and manufacturing technology, in order to gain a high level of trust as partners with our worldwide customers.

All staff of the JAE Group, as good corporate citizens, will strive together to contribute to the prosperity of 21st century society.

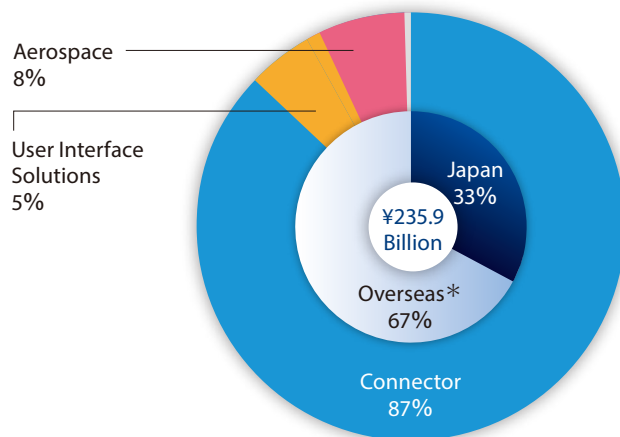
Business Line

With three business lines, we remain committed to providing the global market with innovative and creative technology and products.



Sales Ratio by Segment (Consolidated)

FY 2022 (From April 1, 2022 to March 31, 2023)



*Asia 52% North America 9% Others 6%



Connector

Connectors are key devices that provide links for electrical and optical signals.

We, with advanced and reliable "CONNECTION" technology, support the evolving IoT society.

Mobile Devices



Fully-shielded Stacking Type Connectors for Mobile Devices

Automotive

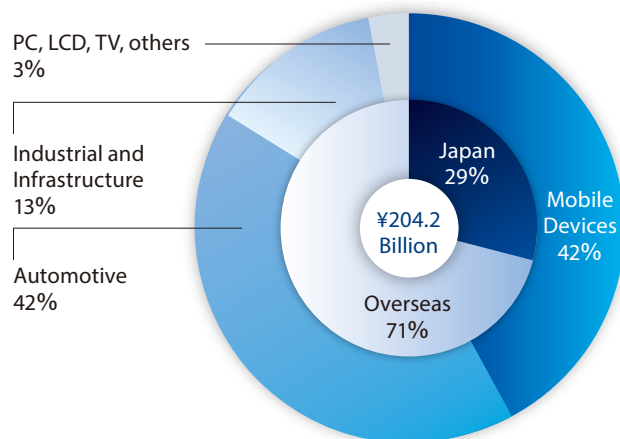


Automotive Digital Camera Connectors

Industrial and Infrastructure



Waterproof Circular I/O Connectors



Wireless



Compact and High-Performance Antennas



User Interface Solutions

We develop products that connect people and equipment focused on input device technology, and provide optimal solutions tailored to users and environments in which they are used.

Automotive

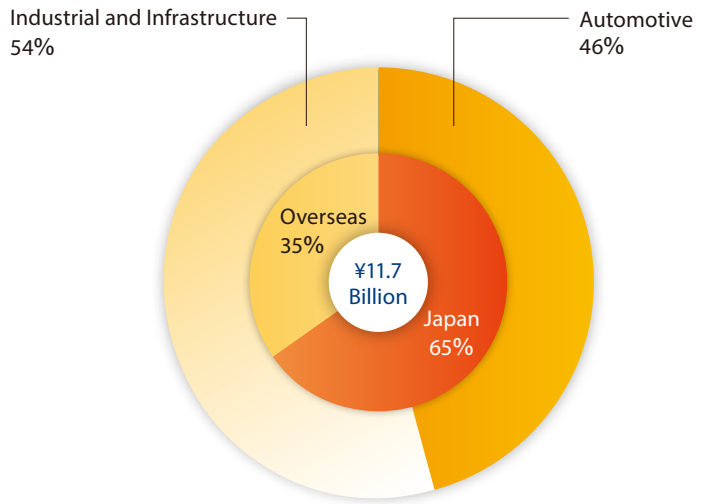


Capacitive Touch Panel for Automotive

Industrial and Infrastructure



Robot Teach Pendant



Aerospace

Since our establishment, we have pursued "Motion Sensing & Control", and have developed various products using that technology. These products operate reliably and precisely under severe environmental conditions from outer space to deep sea.

Industrial, Infrastructure and Automotive

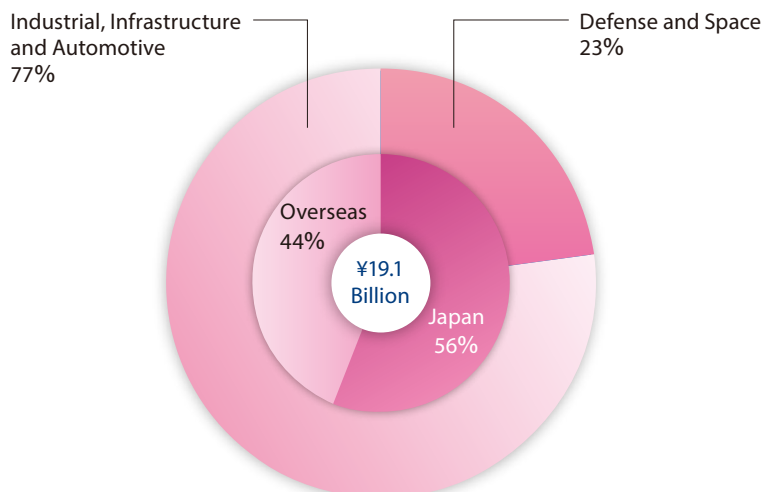


MEMS-IMU

Defense and Space



Inertial Measurement Unit for Launch Vehicle



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Aiming at sustainable society

The JAE Group will create social value through collaborative creation with our customers in the five areas of Connected Society, Safe Mobility, Clean Energy, Industrial Innovation, and Air, Space and Ocean. Through our business, we will put forth efforts toward solving social issues and fulfilling our responsibilities as a member of society, thereby contributing to the achievement of the Sustainable Development Goals (SDGs).



SUSTAINABLE DEVELOPMENT GOALS

Solution of social issues through business activities



Business activities as a responsible social member



CONNECTED SOCIETY

- Realization of a world where the people are able to make communication with everybody on the earth, whenever and wherever they like
- Evolution in medical and welfare services friendly with both care-providers and care-receivers

A healthy and comfortable society where the people in the world are connected with each other.



A communication network spreading worldwide supports "connected" society where the people may contact with each other even from a remote place. With the spread of the 5G (5th Generation Mobile Communication System), new experience is generated by the use of a high speed and low latency communication. JAE is contributing to the progress of a healthy and comfortable society, enabling free communication when and where the people please by providing high speed transmission for communication infrastructure and compact/high density connectors for wearable devices.



SAFE MOBILITY

- Realization of a zero-car accident society
- Will increase the transportation means for all the people including the elderly and those with disabilities

Safe and secure mobility society



In order to realize "safety and security" of transportation means which is mandatory for our lives, cars are equipped with many electrical components such as ADAS (Advanced Driver Assistance Systems), airbags, etc., which are linked by connectors which assume an important role. Along with IT introduction, the information handled by CID (Center Information Display) is increasing and the human-car connecting touch panel supports safe and comfortable driving. JAE aim at a society where all the people can move with safety and security.



CLEAN ENERGY

- Promotion of natural energy use
- Realization/spreading of environmentally friendly transportation

Society with environmentally friendly energy



In the field of electric vehicles, which are becoming increasingly popular as an environmentally-friendly means of mobility, our high-current high-voltage connectors are used to connect batteries, motors, and invertors, and in charging plugs. JAE connectors (electrical couplers) and sensors play a crucial role in railroads, which are attracting attention as a transportation means with low environmental impact.

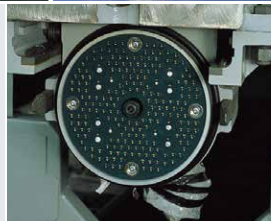
In addition, JAE's high-current high-voltage technology is utilized in solar power generation, which is increasingly being introduced as a natural energy source, and in energy storage systems and HEMS (Home Energy Management Systems) that enable efficient use of electricity.



Connectors for EV and PHEV Battery Systems



High-Current 2 pos. Connector for EV/PHEV



Train Car Coupler (Joint with diameter 25cm)



High-Brightness Liquid Crystal Color Display



EV Charging Connector for V2H/V2G

INDUSTRIAL INNOVATION

- Release from simple and physically severe labor
- Release from dangerous labor in harsh environments
- Promotion of sustainable industrialization

Efficient and safe production activities



At production sites, robots and automatic machines are rapidly introduced to improve productivity and quality, and to save labor. At JAE's production sites, the following three elements—connectors that connect equipment in a safe and secure way in the environment exposed to vibrations and shocks, interface products that improve the operability, and linear motors that control the equipment at high speed and accurately—are introduced to support efficient and safe production activities.

In addition, our sensor technology is contributing to the agriculture and construction industries where new technologies such as remote control and autonomous driving are introduced.

Industrial Robots

Smart Agriculture

Semiconductor Production Equipment

One-Touch/ Screw Mating
Compatible Circular
Waterproof Connectors

Waterproof Rectangular
Connectors for
Industrial Equipment

Floating Connectors

Robot Teach Pendant

MEMS-IMU

AIR, SPACE AND OCEAN

- Sustainable development of space and ocean resources
- Challenging to the frontier development which supports humanity's relentless exploration spirit

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Frontier exploration in air, space and ocean



Currently, satellites are used for clarification of natural phenomena, weather forecasts, car navigation, etc. Outer space is becoming familiar to us. The "aerospace electronics technology" that we have built up since our establishment is also mounted on launch vehicles and an asteroid probe "Hayabusa," contributing to the achievement of various missions such as a space vehicle of transporting satellites and to putting a satellite into the orbit. This technology has also been used for ocean exploration. In the future, JAE's technology will continue to play an active role in ocean, air, and outer space.



High Reliability/Japan Quality Flight Controller for Drone

Ring Laser Gyro

Inertial Navigation System

Accelerometer

High Performance Compact RLG Inertial Navigation System

Research & Development

The JAE Group has been working on Research & Development in order to open new doors that will realize innovation for society and customers as a technology and manufacturing company under the corporate philosophy of "Explore, Create and Practice" since the Company was established.

The Product Development Center is working mainly on Research & Development of basic and application technologies, and the engineering departments of Connector Division, User Interface Solutions Division and Aerospace Division are improving inherent core technologies and working on Research & Development activities mainly on new products and new manufacturing methods related to the business of each Division.

We aim to achieve an "environmentally friendly mobility and IoT-oriented society connected by 5G" with our technologies.

Core Technologies

Develop and Expand Core Technologies to realize an environmentally friendly mobility and IoT-oriented society connected by 5G

Connector Division

- Contact Reliability Technology
- High-speed Transmittal Design, Simulation and Analysis Technologies
- Stamping, Molding and Surface Treatment Technologies
- High-precision Assembly and Automation Technologies
- Technologies for Compact and High-Performance Antennas

Aerospace Division

- Precision Motion Sensing Technology
- High-reliability Motion Control Technology
- Precision Mechatronics Technology
- Ruggedized Technology for Harsh Environment

Product Development Center

- Material Analysis and Transmission Evaluation Technologies
- Next-generation Material Processing Technology (Thin Film Deposition, Fabrication of Nano-sized Structure, etc.)
- Next-generation Type Mounting Technology (Surface Treatment, Bonding, etc.)
- Next-generation Sensing Technology (Data Mining, Sensor Modularization, etc.)
- Sensor Hybrid Technology (Data Integration, Software, etc.)

User Interface Solutions Division

- Converting Technology*
- Tactile Feel Technology
- Touch Interface Technology
- Switch Contact Technology
- High-precision Mechanical Design Technology
- Design Technology for Car-Mounting and Environmental Resistance

* Technology to integrate various element technologies such as high-resolution fine line printing, bonding different materials, coating and laminating to create new values.

Cooperative innovation project through industry-academia collaboration

JAE has signed agreement with Industry-Academia Collaboration Research Consortium with Institute of Industrial Science, The University of Tokyo.

In March 2019, JAE has signed agreement with Industry-Academia Collaboration Research Consortium with the Institute of Industrial Science, The University of Tokyo to promote overall joint research partnership to realize and develop a next-generation mobility and IoT society, and to develop R&D human resources.



Progress and results of collaboration

Based on the agreement, we have completed research activities on six themes so far, including new metal processing technology and flexible connection technology, and are engaged in internal efforts toward their practical application and commercialization. Currently, young engineers from our three business lines are dispatched to the Institute of Industrial Science, and while advancing research activities based on academic knowledge, they are also producing results in terms of human resource development, such as expanding horizons through interpersonal exchanges within and outside the institute.

Co-creation projects by various industry-academia collaborations

Practical application of a simplified new coronavirus mutant strain detection kit for rapid and safe detection to reduce the risk of infection spread in developing and emerging countries

We participate in the "Development and Performance Evaluation of the On-site RNA Detection System for SARS-CoV-2 Variants in Developing and Emerging Countries"—a research project of the "Research Program on Practical Application of Health Technology for Developing and Emerging Countries" promoted by the Japan Agency for Medical Research and Development (AMED)—and is promoting research and development in collaboration with industry and academia.

Along this project, we are developing the prototypes which employ a design approach such as bio-design in order to accurately identify specific needs in the medical field.

Joint research organizations: BioSeeds Corporation, Kyoto University, and Kyushu University

Development of a quantum gyroscope for the next-generation inertial navigation system (self-position estimating device)

In order to improve precision of the self-position estimating device which is essential for automation of moving bodies, JAE works on the R&D of a novel gyroscope that integrates quantum technology called atomic wave interference, through participation in the project by Japan Science and Technology Agency.

Joint research organizations: Tokyo Institute of Technology, Osaka University and JST-Mirai Program

Infrastructure monitoring technology

We aim to contribute to next-generation infrastructure management by developing multi-channel bridge diagnostic and measurement devices based on acceleration sensors, while acquiring advanced measurement technology.

Joint research organizations: Kitami Institute of Technology, Nagaoka University of Technology



TOPIC

Development of New "wearzerO™" Technology to Reduce Wear on Silver Plating of Connectors and Contribute to Resource Recycling and Longer Product Life

We have developed a new technology that effectively eliminates the long-standing issue of wear on the silver plating of the electrical connections in electric vehicle (EV) connectors. The technology forms a special interface structure on the sliding part of the silver plating (the part where the contact points come in contact with one another and cause friction), which restrains adhesion between the connectors that causes wear.

Going forward, we will apply this technology to EV charging plugs and automotive power line connectors and commercialize it.



Manufacturing Technology

The JAE Group promotes "manufacturing technology innovation" to be recognized as the number one partner for our customers.

Fully utilizing the integrated production system of in-house manufacturing and flexible operation of our global group, the sectors of design, production engineering and manufacturing are always making a concerted effort to improve the degree of customer satisfaction in terms of **Quality**, **Cost** and **Delivery** which are the most essential points for a manufacturer.

In addition, we promote BCP measures—such as strengthening of JAE's global supply chain, disaster prevention measures at production sites, and production at multi-sites—in order to prepare for natural disasters and other risks in business continuity.

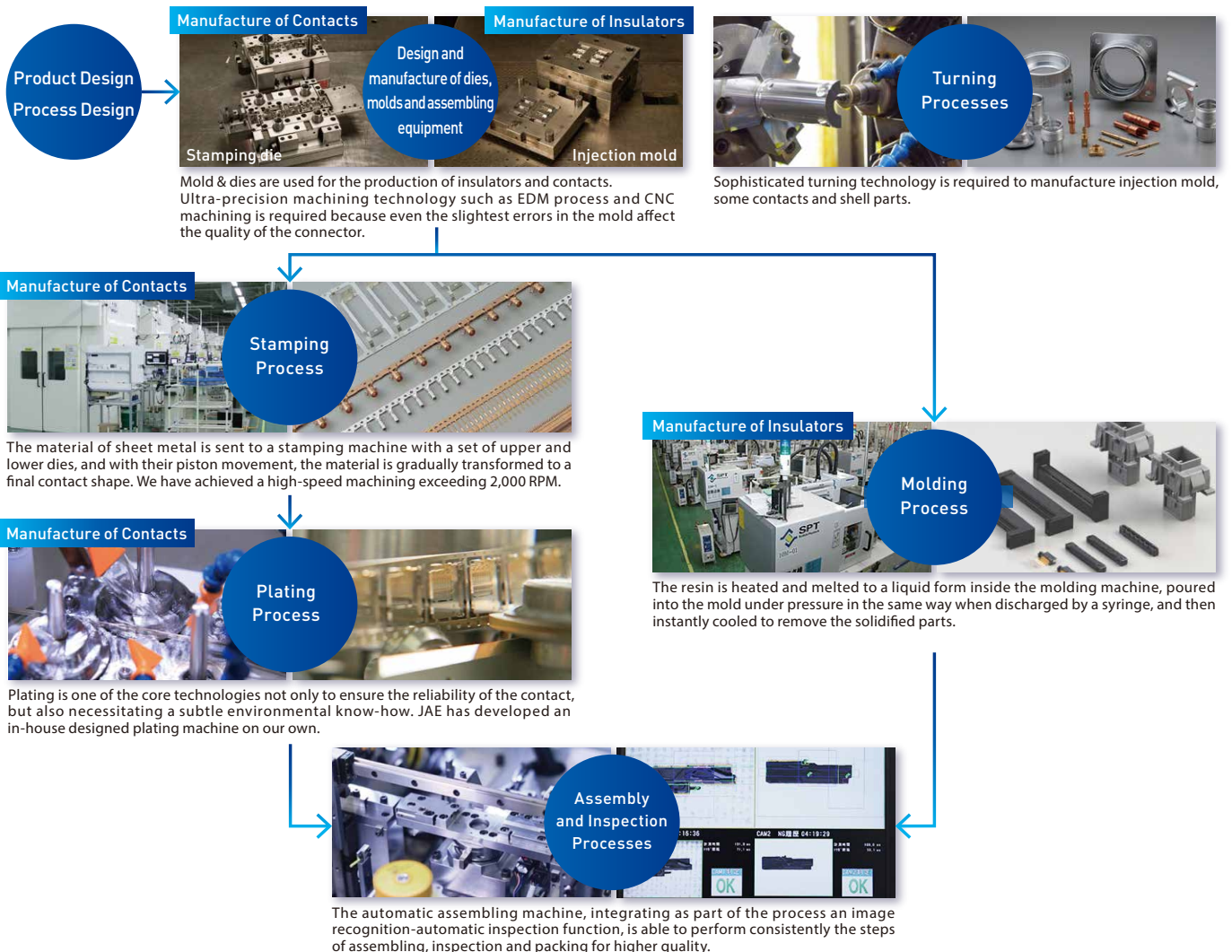
Innovation of production capacity by in-house production, automation and labor saving efforts

JAE has established a robust in-house vertical integrated production system, operating 24 hours a day, 7 days a week, thanks to the wide use of JAE designed labor-saving, automated assembly machines at main factories in Japan such as JAE Hiroaki and JAE Yamagata.

Aiming at higher manufacturing speed and cost reduction, we spare no effort to innovate the fundamental technologies and processes ranging from automated assembly machines to every production step such as turning, stamping, molding, plating and final product assembly.

Connector production process

The connector usually is a structure with two pieces—one side is called plug and the other side is called receptacle, which function as a unit to "connect" and "disconnect," and the plug and receptacle consist of a conductive contact and a plastic insulator that holds the contact for insulation between the contacts, and an outer shell that protects them.



We are striving for high quality and ease of use for customers

We pursue high quality and ease to work with from the new product development phase utilizing material analysis, high-speed transmission evaluation and other fundamental performance tests, design verification, FMEA analysis and workmanship evaluation. In addition, we follow a diversified approach including production in a clean room, quality improvement activities, defect prevention in the manufacturing process ... all these contribute to offering reliability to our customers.



Enhancement of the evaluation and test system to ensure highly reliable products are provided to customers

We are strengthening and enhancing our evaluation and test system in order to fully respond to the ever higher demands for quality and reliability from our customers.

In addition to an anechoic chamber for electromagnetic compatibility (EMC) evaluation, more than 100 units of testing equipment, including combined environmental reliability test systems and vibration test devices are installed in the Integrated Evaluation & Test Laboratory. This laboratory conducts environmental testing with even greater precision and efficiency by applying thermal and humidity stress, and mechanical testing by applying vibration and shock, and thus enables us to supply customers with reliable products.



Completion of the new building at JAE Yamagata Starting operations as a core production site for high-current connectors for EV

As part of the growth strategy of JAE Group Medium-Term Management Plan, we completed the new building of the 2nd Plant at JAE Yamagata with the objectives of establishing a core production site for high-current high-voltage connectors for the growing EV market and strengthening our global supply chain.

The construction of the new building is also part of the JAE Group's efforts to rebuild our production infrastructure in a manner that will adequately respond to the changes in product composition in line with the business growth in the automotive, industrial equipment, and infrastructure markets. After the new building was completed, the total floor area of JAE Yamagata, including the 1st Plant, expanded to 52,000 square meters, which is approximately 1.6 times the size prior to the construction project. Furthermore, from the perspective of business continuity plans (BCP), we will make the transition to dual-site (overseas and domestic) production to strengthen the supply chain.

We also aim for an "environmentally-friendly plant" by moving forward with the introduction of energy-efficient equipment and visualization of electric consumption.



2nd Plant of JAE Yamagata
(left side of new building)

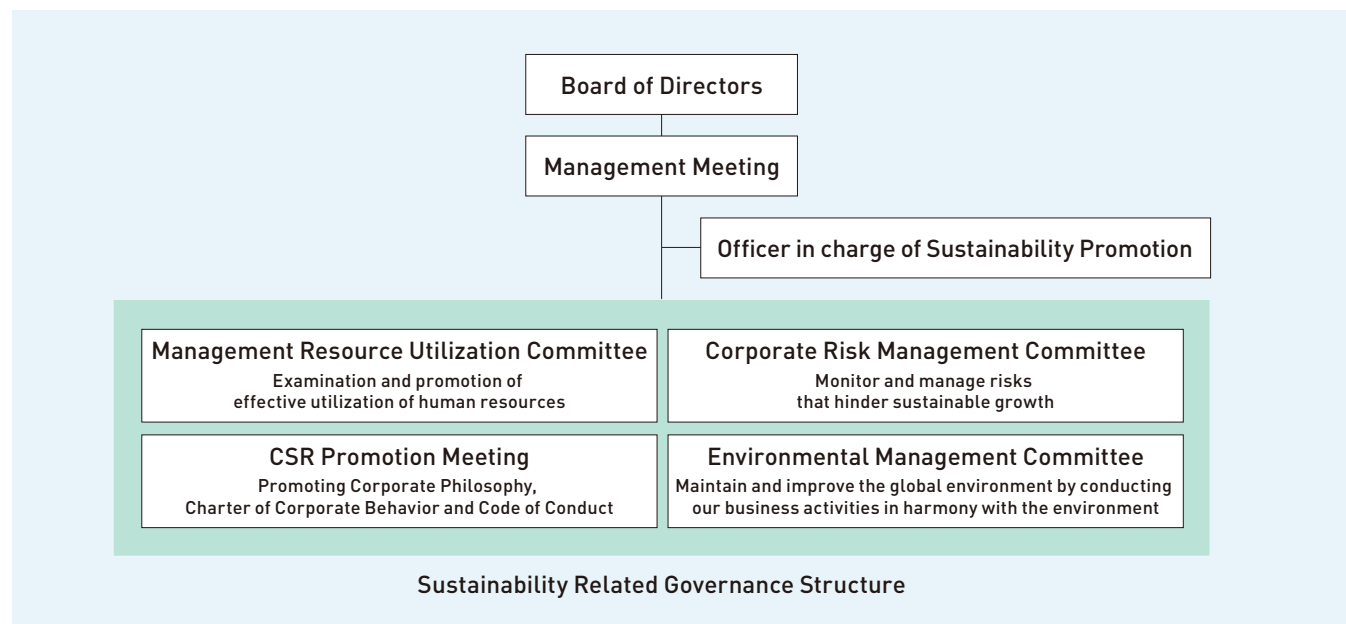
Sustainability Efforts

Promotion of Sustainability Management

JAE Group aims to grow as a responsible member of society by contributing to the resolution of social issues, in accordance with our corporate philosophy of "Explore, Create, and Practice" and our Charter of Corporate Behavior.

Through the innovative and creative technologies and development capabilities of our three core businesses, we aim to enhance our corporate value in five key areas: Connected Society, Safe Mobility, Clean Energy, Industrial Innovation, and Air, Space, and Ocean. Additionally, we strive to create social value through collaborative creation with our customers, contributing to the sustainable development of society.

In promoting this sustainability management, the JAE Group will build a sustainability-related governance structure by establishing various committees across the company for environmental management, CSR and compliance, human resource utilization, risk management, etc., and will strengthen efforts to address important issues (greenhouse gas emissions reduction, promotion of participation of diverse human resources, etc.).



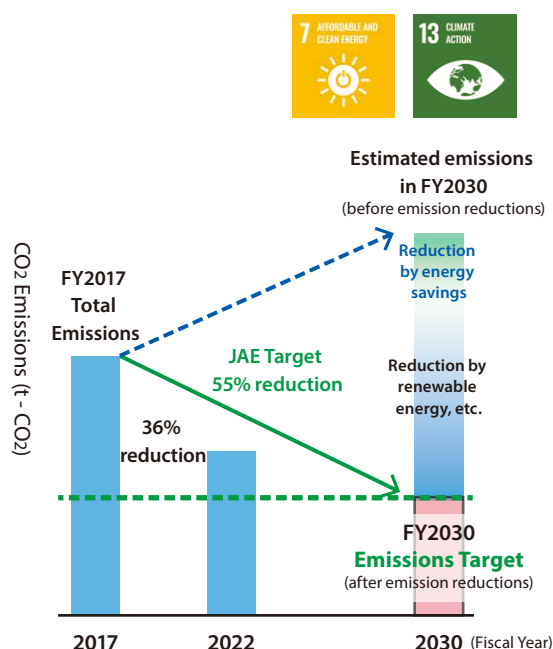
Greenhouse Gas Emissions Reduction

Aiming for the realization of a carbon-neutral society, the JAE Group has set the goal of reducing greenhouse gas emissions to 55% of the total emissions volume of FY 2017 by FY 2030 (CO₂ emissions from Scope 1 and 2*), and is making efforts to achieve this goal, with the ultimate goal of the government in mind which is net-zero CO₂ emission by 2050.

*Scope 1: Emissions are direct greenhouse gas emissions that occur from sources that are owned or controlled by the business entity (fuel combustion, industrial processes, etc.).

Scope 2: Emissions are indirect greenhouse gas emissions associated with the use of electricity, heat, steam etc., supplied by another company.

We expect total energy consumption to increase as production grows in the future. In order to achieve the goal outlined above, we will work to both reduce emissions through energy conservation and introduce renewable energy. In July 2022, we adopted renewable energy for 100% of the electricity used at our main plants, JAE Hirosaki and JAE Yamagata.



For Biodiversity Initiatives

JAE group recognizes that our lives benefit from many organisms, and impact the environment of living organisms in no small way through business activities. Therefore, we publicly state "respecting biodiversity" in our basic environmental philosophy. The activities of JAE do not directly depend on biological resources as raw materials. However, business activities are closely linked to global warming, resource issues, chemical substances, etc. Therefore,

implementation and expansion of such biodiversity measures are positioned as a key project of continuing our activities with the "declaration for biodiversity effort" given below.

1. Promotion of environmental management with a respect for biodiversity
2. Raising biodiversity awareness and supply chain deployment
3. Promotion of biodiversity protection activities in collaboration with local communities including the JAE Group Forest

The JAE Group Forest (Okutama, Tokyo)

The JAE Group Forest was established in June 2004 as the first "Corporate Forest" by participating in the divisional forestation activities of the Tokyo Development Foundation for Agriculture, Forestry and Fisheries (TDFAFF).

Since then, symbolic of our environmental activities, including afforestation and clearing undergrowth we have been a center for raising environmental awareness through group employee participation in forest conservation. In addition, we have contributed to preservation

of biodiversity and absorption greenhouse gasses (CO₂) as well as revitalization of water resources.

These activities were recognized, and we were commended by the Forest Maintenance and Forest Conservation Division as an entity of distinguished service for Tokyo Green Policy at the 42nd National Tree-Planting Festival held in 2018.

In 2020, JAE group expressed agreement to the biodiversity declaration and action policy of Japan Federation of Economic Organizations.



Location Hikawa, Okutama-machi

Area 1.33ha

Outline

- Agreement of divisional afforestation by the three entities of JAE, the owner of the forest, and the TDFAFF (Period of maintenance: 50 years from 2004)
- Tree species ---Broad-leaved trees such as hinoki cypress, prunus jamasakura, akishima sakura, painted maple, kobus magnolia, konara oak, keyaki, Japanese horse chestnut, Japanese walnut



*For details on our environmental activities, please refer to the JAE Group Environmental Report.
<https://www.jae.com/en/csr/eco/report>

Promotion of diversity and development of human resources

We are advancing "promotion of diverse human resources active participation", "enhancement of human resource development", and "improvement of working environment" as our human resource strategy designed to reform our business structure and strengthen our business capacities for the future growth of the JAE Group.

●Promotion of diverse human resources active participation

We are promoting efforts to realize a work environment where diverse human resources can participate, regardless of age, gender, nationality, or disabilities. With regard to promotion of women's participation, in particular, we are strengthening various initiatives, such as proactive recruitment of women and implementation of selection-based training aimed at appointing female managers.

●Enhancement of human resource development

Recognizing the importance of improving the skills of individual employees to ensure competitiveness in the global marketplace and respond to the rapid changes in the business environment, we have established systematic training programs by rank and job function. Also, in order to enable employees to develop their careers autonomously with an eye to the future, we have set up programs to encourage self-development and introduced selection-based training to nurture executive personnel. Furthermore, we are working to strengthen education and qualification acquisition for the purpose of passing on manufacturing skills.

●Improvement of working environment

We aim to realize safe, employee-friendly working environment and to create workplaces where employees can actively participate with motivation. Specifically, we introduced a remote work system and a flex time system to enable employees to choose a flexible work style and ensure their work-life balance. We also provide a variety of systems that help employees balance work with childcare and nursing care.



Outline of Company

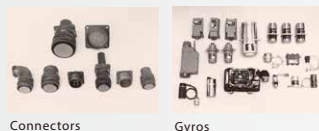
Company Name	Japan Aviation Electronics Industry, Limited
Establishment of Business	August 20, 1953
Head Office	21-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, Japan
Capital	¥ 10.69 billion
Stock Exchange Listing	Tokyo Stock Exchange, Prime Market
Main Businesses	Manufacturing and sales of connectors, user interface solutions, and aerospace and related electronics



HISTORY

1953~

- AUG.1953** Commenced business with the head office in Minato-ku, Tokyo (in Nippon Electric Co., Ltd.)
- AUG.1954** A factory built in Kawasaki-shi, Kanagawa-ken (at Tamagawa Plant of NEC)
- AUG.1955** Commenced repair and overhaul services for aviation electronics equipment
Commenced manufacturing of connectors and solenoids under technical license agreement with Cannon Electric Co., U.S.A.



1960~

- APR.1961** Akishima Factory (present Akishima Plant) completed, all moved from NEC's Tamagawa Plant
- MAY 1961** Head Office moved to Shibuya-ku, Tokyo
- AUG.1961** Commenced manufacturing of autoflight systems, fuel meters, liquid oxygen quantity indicator, gyro devices and other equipment for the "F-104J" under technical assistance agreement with U.S.-based Honeywell
- FEB.1962** Commenced manufacturing of contactless switches and relays
- DEC.1963** Developed and started sales of train car coupler for Japanese National Railway's Shinkansen



Akishima Plant in 1964

1970~

- APR.1973** JAE stock listed on the Tokyo Stock Exchange, the Second Section
- APR.1975** Established a subsidiary, "JAE Services, Ltd." (present JAE Business Support, Ltd.)
- SEP.1975** Affiliated K.K.Fuji Kogyo (present JAE Yamagata, Ltd. and JAE Fuji, Ltd.) with JAE by acquiring all Fuji Kogyo stocks
- JAN.1976** Developed and started sales of the "IL series", interior connectors for consumer devices
- MAR.1977** Established an overseas subsidiary, "Zet Marketing Company" (present JAE Electronics, Inc.)
- JUL.1978** Full-fledged entry into the automotive industry through the launch of the IL-A series of connectors for consumer use
- DEC.1978** Developed and started sales of "Flat Panel Switch"
- MAR.1979** Established a subsidiary "JAE Hirosaki, Ltd."



Zet Marketing Company

1980~

- MAR.1980** Developed and started sales of optical fiber connectors
- SEP.1980** JAE stock listed on the Tokyo Stock Exchange, the First Section
- JAN.1981** Developed "Digital Autoflight Systems" for the "F-1" (JUN.1983 Started mass production)
- JUL.1984** Established an overseas subsidiary, "JAE Taiwan, Ltd."
- JUL.1985** Established a subsidiary "JAE Engineering, Ltd." (present JAE Business Support, Ltd.)
- APR.1986** Established a subsidiary "JAE Shinshu, Ltd."
- AUG.1986** H-I Launch Vehicle with JAE's inertial measurement unit was successfully launched
- SEP.1987** Developed and started sales of "MA001 Series" air bag connectors
- JUN.1988** K.K.Fuji Kogyo reorganized into JAE Yamagata, Ltd. and JAE Fuji, Ltd.
- OCT.1988** Established an overseas subsidiary, "JAE Oregon, Inc."

Directors and Auditors

Chairman

(Representative Director)

Tsutomu Onohara

President

(Representative Director)

Masayuki Muraki

Directors

Minoru Urano

Tetsuya Nakamura

Masahiro Matsuo

Shuichi Kashiwagi

(Outside Director)

Reiichiro Takahashi

(Outside Director)

Directors

Kazuhiro Goto

(Outside Director)

Noritaka Taguma

(Part-time Director)

Statutory Auditors

Yasutoshi Ogino

(Full-time Statutory Auditor)

Naoaki Azuma

(Full-time Statutory Auditor)

Jin Takeda

(Outside Statutory Auditor)

Keiji Kabeya

(Outside Statutory Auditor)

Corporate Officers

Chairman

Tsutomu Onohara*

President

Masayuki Muraki*

Executive Vice President

Minoru Urano*

Senior Vice President

Tetsuya Nakamura*

Associate Senior Vice Presidents

Toru Kono

Takashi Kosaka

Associate Senior Vice Presidents

Tsuneo Hashimoto

Masahiro Matsuo*

Shunichi Naganuma

Noritaka Hiyama

Kazuhiko Aoki

Shingo Nanao

Noriyuki Konishi

Yoshifumi Kubota

Takayuki Koike

Tatsuichiro Maruo

Masaki Yamada

(As of July, 2023)

Directors are indicated by an asterisk(※)

1990~

- MAY.1990** Established a subsidiary, "JAE Foods, Ltd."
- DEC.1991** Established a subsidiary, "Nikko Logistics, Corp."
- APR.1994** Established an overseas subsidiary, "JAE Hong Kong Ltd."
- FEB.1995** Established an overseas subsidiary, "JAE Singapore Pte Ltd."
- JAN.1996** Established an overseas subsidiary, "JAE Korea, Inc."
- JUN.1996** Established an overseas subsidiary, "JAE Philippines, Inc."
- SEP.1996** Established an overseas subsidiary, "JAE Europe, Ltd."
- DEC.1996** Developed and started sales of "FI Series" 1.25mm pitch connectors for LCD interface
- APR.1998** Developed and started sales of "JA-25GA" miniature accelerometers for oil drilling
- NOV.1998** Introduced Windows NT server-based enterprise resource planning (ERP) system

Annual sales surpassed 100 billion yen
Sales for FY1999: 100.1 billion yen (Overseas sales ratio: 22%)

2000~

- JUL.2001** Established an overseas subsidiary, "JAE Wuxi Co., Ltd."
- MAR.2002** Established an overseas subsidiary, "JAE Wujiang Co., Ltd."
- JUN.2003** Established an overseas subsidiary, "JAE Shanghai Co., Ltd."
- AUG.2003** Hakkou Dengyo Co., Ltd. became an affiliate of JAE (company name changed to JAE Hakkou, Ltd. in October)
- SEP.2003** Developed and started sales of "DC1 Series" HDMI compliant digital interface connectors
- JUN.2004** Started forestry program, "JAE Group Forest"
- OCT.2004** Developed and started sales of 0.4mm pitch connectors "AA03 Series"
- JUL.2005** Established DJ Precision Co., Ltd., through a merger with Dai-ichi Seiko Co., Ltd.
- JAN.2009** Honored with an Emmy® Award for contributions to the development of modern TV industry, by developing HDMI™
- MAR.2009** Opening of RF Anechoic Chamber and Material Analysis Center in Akishima Plant
- MAR.2009** JAE was awarded "Medal with Dark Blue Ribbon" from the Government of Japan
- JUL.2009** JAE Engineering, Ltd. and JAE Services, Ltd. merged into JAE Business Support, Ltd.



JAE Group Forest
(Okutama, Tokyo)



RF Anechoic Chamber
(Akishima Plant)

Note)HDMI, High-Definition Multimedia Interface is a trademark or registered trademark of HDMI Licensing Administrator.

2010~

- APR.2010** Established an overseas subsidiary, "JAE Tijuana, S.A. de C.V."
- JUN.2010** Asteroid probe "Hayabusa" adopted our servo accelerometer returned to the earth.
- MAY.2011** Established an overseas subsidiary, "JAE Dongguan Service Co., Ltd."
- DEC.2011** Received "2011 Top 100 Global Innovators Award" from Thomson Reuters
- JAN.2012** Developed and started sales of "TC230 Series" capacitive touch panel for automotive.



Asteroid probe "Hayabusa"
©JAXA

Overseas sales ratio exceeds 50%
Sales for FY2011: 112.4 billion yen (Overseas sales ratio: 53.6%)

- DEC.2012** Affiliated Meiyu-Giken Co., Ltd. with JAE by acquiring all the issued stocks of the company
- APR.2014** Established an overseas subsidiary, "JAE Houston, LLC"
- APR.2015** Developed and started sales of "DX07 Series" connector compatible with the next-generation USB Type-C® specification.
- MAY.2016** Completed construction of "Integrated Evaluation & Test Laboratory", strengthened evaluation and test platform



Integrated Evaluation & Test
Laboratory (Akishima Plant)

Annual sales surpassed 200 billion yen
Sales for FY2016: 209.5 billion yen (Overseas sales ratio: 72.8%)

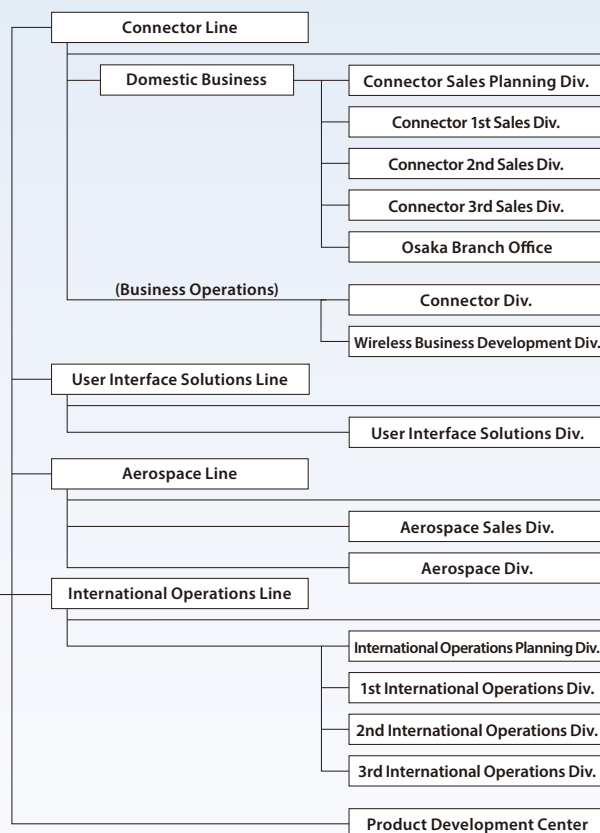
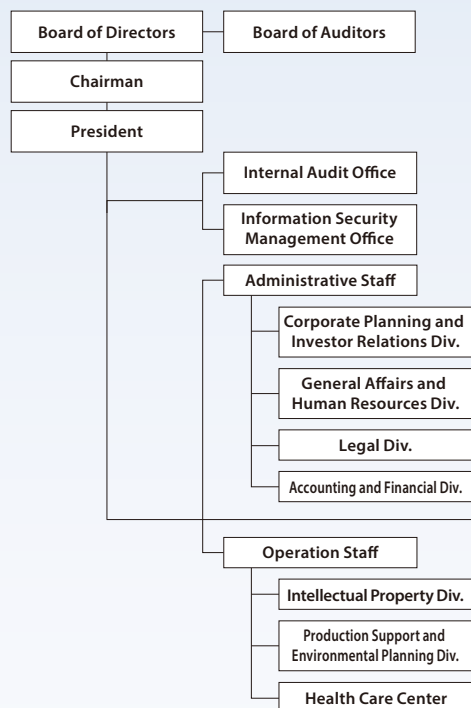
- NOV.2018** Received commendation as an "entity of distinguished service for Tokyo Green Policy" at the 42nd National Tree-Planting Festival
- JAN.2019** JAE was awarded the prize of "Derwent Top 100 Global Innovators-2018 to 2019"
- MAR.2019** JAE has signed agreement with Industry-Academia Collaboration Research Consortium with Institute of Industrial Science, The University of Tokyo.
- JUL.2019** Opened the exhibition / co-creation space "Connecting+" at the time of head office relocation
- SEP.2019** Developed and started sales of "AX01 Series" floating board-to-board connector compatible with 8Gbps high-speed transmission

2020~

- FEB.2020** JAE was awarded the prize of "Derwent Top 100 Global Innovators 2020"
- OCT.2020** Received a letter of appreciation from JR-CENTRAL for contributions to the development of the N700S Shinkansen
- DEC.2020** Started business of compact and high-performance antennas.
- DEC.2020** The Asteroid Explorer "Hayabusa2" which is equipped with JAE servo-accelerometers returned to the earth from Ryugu and it is now on its way to another asteroid orbiting between Earth and Mars.
- APR.2021** The medium-term management plan was announced.
- APR.2022** Moved to the new "Prime market" on the Tokyo Stock Exchange
- APR.2022** Development of a new technology "wearzerO™", which is able to reduce wear on the silver plating of connectors
- OCT.2022** Development of Non-Magnetic SMPM Coaxial Connector Prototype for quantum computers
- MAY.2023** Construction of New Building of 2nd Plant Completed at JAE Yamagata

Organization

[As of July 2023]



JAE Group Companies

- JAE Hirosaki, Ltd.
- JAE Yamagata, Ltd.
- JAE Fuji, Ltd.
- Meiyu-Giken Co., Ltd.
- JAE Hakko, Ltd.
- JAE Taiwan, Ltd.
- JAE Wuxi Co., Ltd.
- JAE Philippines, Inc.
- JAE Oregon, Inc.
- JAE Tijuana, S.A. de C.V.
- JAE Wujiang Co., Ltd.

※ Handling items: 3 Lines' products

- JAE Shinshu, Ltd.
- JAE Houston, LLC

- JAE Singapore Pte Ltd.
- JAE Korea, Inc.
- JAE Hong Kong Ltd.
- JAE Dongguan Service Co., Ltd.
- JAE Shanghai Co., Ltd.
- JAE Electronics, Inc.
- JAE Europe, Ltd.

- Others
- Nikko Logistics, Corp.
- JAE Business Support, Ltd.
- JAE Foods, Ltd.

■ Subsidiaries in Japan
■ Subsidiaries Outside Japan

Head Office / Japan

Head Office 21-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, Japan
Tel: +81-3-3780-2711 Fax: +81-3-3780-2733

Sales and Marketing

Head Sales Office

1-19, Aobadai 3-chome, Meguro-ku, Tokyo 153-8539, Japan

- **Connector Sales Planning Div.**
Connector 1st, 2nd, 3rd Sales Div.
Tel: +81-3-3780-2717 Fax: +81-3-3770-3869
- **User Interface Solutions Div. Sales Dept.**
Tel: +81-3-3780-2843 Fax: +81-3-3780-2812
- **Aerospace Sales Div.**
Tel: +81-3-3780-2925 Fax: +81-3-3780-2945
- **International Operations Planning Div.**
1st, 2nd, 3rd International Operations Div.
Tel: +81-3-3780-2768 Fax: +81-3-3780-2770

Branches and Sales Offices

- **Osaka Branch Office**
9-1, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002, Japan
Tel: +81-6-6447-5255 Fax: +81-6-6447-5276
- **Chubu Branch Office**
25-18, Nishi-machi 4-chome, Toyota-shi, Aichi 471-0025, Japan
Tel: +81-565-34-0600 Fax: +81-565-34-0840
- **Sendai Sales Office**
3-10, Honcho 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0014, Japan
Tel: +81-22-225-8151 Fax: +81-22-225-8059
- **Utsunomiya Sales Office**
1-7, Higashi Syukugo 3-chome, Utsunomiya-shi, Tochigi 321-0953, Japan
Tel: +81-28-637-8545 Fax: +81-28-637-8546
- **Fukuoka Sales Office**
1, Gokusho-machi 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0037, Japan
Tel: +81-92-262-1888 Fax: +81-92-262-1750

Development and Manufacturing

Akishima Plant

1-1, Musashino 3-chome, Akishima-shi, Tokyo 196-8555, Japan
Tel: +81-42-549-9112 Fax: +81-42-549-9559

- Connector Div.
- Wireless Business Development Div.
- User Interface Solutions Div.
- Aerospace Div.
- Product Development Center

Global Network (Japan)

JAE Fuji, Ltd.



JAE Shinshu, Ltd.



Meiyu-Giken Co., Ltd.



Osaka Branch Office

Fukuoka Sales Office

Chubu Branch Office

JAE Hirosaki, Ltd.



JAE Yamagata, Ltd.



Sendai Sales Office

Utsunomiya Sales Office

Head Office



JAE Hakko, Ltd.



Akishima Plant



Nikko Logistics, Corp.

- Head Office
- Development and Manufacturing
- Manufacturing
- Sales
- Services / Others
- Company
- Branch Office / Others

Subsidiaries in Japan

JAE Hirosaki, Ltd.



Established/March 1979
5-1, Oaza Seinofukuro 5-chome, Hirosaki-shi, Aomori 036-8666, Japan
Tel: +81-172-33-3111 Fax: +81-172-39-1490
<https://www.jae.com/hirosaki>

JAE Yamagata, Ltd.



Established/April 1957
4102-6, Aza Takadaishinden, Oaza Izumita, Shinjo-shi, Yamagata 999-5103, Japan
Tel: +81-233-24-1111 Fax: +81-233-24-1150
<https://www.jae.com/yamagata>

JAE Fuji, Ltd.



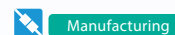
Established/June 1988
8154-35, Uenohara, Uenohara-shi, Yamanashi 409-0112, Japan
Tel: +81-554-20-5611 Fax: +81-554-20-5615
<https://www.jae.com/fuji>

JAE Shinshu, Ltd.



Established/April 1986
800, Kamikatajiri, Matsukawa-machi, Shimoina-gun, Nagano 399-3301, Japan
Tel: +81-265-37-3111 Fax: +81-265-37-3333
<https://www.jae.com/shinshu>

Meiyu-Giken Co., Ltd.



Established/March 1981
2-1, Katayama-cho, Fukui-shi, Fukui 910-3611, Japan
Tel: +81-776-98-5512 Fax: +81-776-98-3567
<https://www.meiyu-giken.co.jp>

JAE Hakko, Ltd.



Established/April 1968
1-1, Sakae-cho 6-chome, Tachikawa-shi, Tokyo 190-0003, Japan
Tel: +81-42-538-7751 Fax: +81-42-538-7758
<https://www.jae.com/hakko>

Nikko Logistics, Corp.



Established/December 1991
10-40, Musashino 2-chome, Akishima-shi, Tokyo 196-0021, Japan
Tel: +81-42-542-1070 Fax: +81-42-542-1099

Hirosaki Hakko, Ltd.



JAE Business Support, Ltd.



JAE Foods, Ltd.



Global Network (Outside Japan)



ASIA

JAE Taiwan, Ltd.



Established/July 1984
Address/No.35, 20th, Rd., Industrial Park, Taichung, 40850, Taiwan
Tel: +886-4-2359-3411 Fax: +886-4-2359-3697
Branch Office/Taipei Tel: +886-2-2799-6777 Fax: +886-2-2799-0996
<https://www.jae.com/taiwan>

JAE Wuxi Co., Ltd.



Established/July 2001
Address/33 Xiqin Road, Xinwu District, Wuxi City, Jiangsu, 214028 P.R.China
Tel: +86-510-8521-5888 Fax: +86-510-8521-5777

JAE Wujiang Co., Ltd.



Established/March 2002
Address/859 Pangjin Road, Wujiang Economic and Technological Development Zone Suzhou, Jiangsu, 215200 P.R.China
Tel: +86-512-6349-6123 Fax: +86-512-6349-6777

JAE Shanghai Co., Ltd.



Established/June 2003
Address/8F, Jin Hong Qiao Business Building, No.8, 555 Gubei Road, Chang Ning District, Shanghai, 200051 P.R.China
Tel: +86-21-6236-0322 Fax: +86-21-6236-1292
Branch Office/Beijing Tel: +86-10-8450-1513

JAE Hong Kong Ltd.



Established/April 1994
Address/Units 1810-1813, Level 18, Tower 1, Grand Century Place, 193 Prince Edward Road West, Mongkok, Kowloon, Hong Kong
Tel: +852-2723-7782 Fax: +852-2723-9028
Representative Office/Shenzhen Tel: +86-755-8270-6899 Fax: +86-755-8270-6966

JAE Dongguan Service Co., Ltd.



Established/May 2011
Address/Rm801, 8/F, Changan Taishang Bldg., Dezhengzhong Road, Changan Town, Dongguan, Guangdong, 523850 P.R.China
Tel: +86-769-8535-6736 Fax: +86-769-8535-6737

JAE Philippines, Inc.



Established/June 1996
Address/JAE Philippines Building, Linares Extension, Gateway Business Park, Javalera, General Trias, 4107 Cavite, Philippines
Tel: +63-46-433-0285 Fax: +63-46-433-0287

JAE Singapore Pte Ltd.



Established/February 1995
Address/33 Tannery Lane, #02-01 Hoesteel Industrial Building, Singapore 347789
Tel: +65-6748-1332 Fax: +65-6748-2920

JAE Korea, Inc.



Established/January 1996
Address/5F, Korea Sanhak Foundation B/D, 329, Gangnam-daero, Seocho-gu, Seoul 06627, Korea
Tel: +82-2-6230-1100 Fax: +82-2-6230-1190
<http://www.jaekr.com>

JAE Oregon, Inc. (U.S.A.)



JAE Electronics, Inc. (U.S.A.)



JAE Tijuana, S.A. de C.V. (Mexico)



NORTH AMERICA

Chicago ● Detroit ● Lynnfield

Santa Clara ●

● Austin
● Houston

JAE Houston, LLC (U.S.A.)

JAE GROUP

Number of Group
Companies

As of July 2023

28 • Japan: 12*
• Overseas: 16

Number of Consolidated Subsidiaries: 18

* Excluding the parent company

Number of
Employees

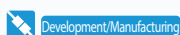
As of March 31, 2023

9,436

Japan: 3,299 / Overseas: 6,137

NORTH AMERICA

JAE Oregon, Inc.



Established/October 1988
Address/11555 S.W. Leveton Drive, Tualatin, OR 97062, U.S.A.
Tel: +1-503-692-1333 Fax: +1-503-692-4193
<https://www.jae.com/en/oregon>

JAE Tijuana, S.A. de C.V.



Established/April 2010
Address/Calle Cerro Colorado 16650 Int. 1 y 2. Colonia Niños Heroes Este.
Tijuana, Baja California, C.P. 22120, Mexico
Tel: +52-664-689-7484 Fax: +52-664-689-7486

JAE Electronics, Inc.



Established/March 1977
Address/142 Technology Drive, Suite 100, Irvine, CA 92618-2430, U.S.A.
Tel: +1-949-753-2600 Fax: +1-949-753-4706
Sales Office/Santa Clara, CA Tel: +1-408-594-5842
Lynnfield, MA Tel: +1-413-961-9305
Detroit, MI Tel: +1-734-542-0486
Austin, TX Tel: +1-512-502-3090
Houston, TX Tel: +1-281-325-5760 Fax: +1-281-325-5799
Chicago, IL Tel: +1-224-358-6909
<http://www.jaeusa.com>

JAE Houston, LLC



Established/April 2014
Address/1100 W. Park One Dr., Sugar Land, TX 77478-2578, U.S.A.
Tel: +1-281-325-5760 Fax: +1-281-325-5799

EUROPE

JAE Europe, Ltd.



Established/September 1996
Address/Royal Pavilion, Tower 3, First Floor, Wellesley Road,
Aldershot, Hampshire, GU11 1PZ, UK
Tel: +44 1252 55 11 00 Fax: +44 1252 55 11 10
Branch, Representative Office/Dusseldorf, Germany Tel: +49 2103 929819200
Paris, France Tel: +33 6 31 93 17 01
Milan, Italy Tel: +39 347 3358734
Gothenburg, Sweden Tel: +46 721 873535
Espoo, Finland Tel: +358 50 487 2694





Japan Aviation Electronics Industry, Ltd.

21-1, Dogenzaka 1-chome, Shibuya-ku,
Tokyo 150-0043, Japan
Tel: +81-3-3780-2711

<https://www.jae.com>



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August, 2023