

Corporate Profile



Technology to Inspire Innovation



Japan Aviation Electronics Industry, Ltd.
21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, Japan
Tel:+81-3-3780-2711 Fax:+81-3-3780-2733
<http://www.jae.com>
<http://jae-connectors.com>

This company profile uses the Iwata UD font, with its emphasis on readability, to keep with the concept of universal design.



No part of this publication may be reproduced or distributed in any means, or stored in a data based or retrieval system, without the prior written permission of Japan Aviation Electronics Industry, Ltd.

December 2013

JAE Global Slogan

Technology to Inspire Innovation



President Yasutaka Akiyama

Ever since JAE was established in 1953, we have operated under the corporate philosophy, "Explore, Create, and Practice." Built on overseas technology introduced in the early years, we have successively developed proprietary technology rich in innovation and creativity. JAE has started 3 businesses centered on connectors and aviation electronics, evolving as we expand globally. It is through this expansion that we are able to contribute to society, and this strength in technology and development has won us high praise from various sectors.

With our corporate slogan of "Technology to Inspire Innovation," our aim is to be a corporation that is able to contribute to building a prosperous society for the 21st century by working with our clients throughout the electronics field as like-minded partners in raising value.

To achieve this, it is vital that JAE gains the trust of our clients worldwide as partners. We are constantly researching ways to strengthen global marketing and technical development, to innovate quality and product creation as well as to expand business globally based on consolidated management.

Joined together with JAE employees domestically and internationally, we continue to push toward our goal of a group-wide performance that demonstrates our trustworthiness as a good corporate citizen.

JAE Corporate Philosophy

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.

JAE Group Charter of Corporate Behavior

Based on our corporate philosophy, "Explore, Create, and Practice", Japan Aviation Electronics (JAE) Group will continue to expand efforts to maintain a fair profit, increase corporate value, and contribute to the creation of sustainable growth in society.

At the same time, as a good corporate citizen, we will abide by relevant laws and rules, and fulfill social responsibilities toward customers, stockholders and investors, business partners and other related persons in the community at large.

- | | |
|---|--|
| 1. Fair and Honest Corporate Activities | 5. Harmony with Society |
| 2. Pursuit of Customer Satisfaction | 6. Respect of Human Rights |
| 3. Disclosure of Corporate Information | 7. Respect for Employees' Individuality and Personality |
| 4. Harmony with the Environment | 8. Management of Intellectual Properties and Information |

Corporate Data

Outline of Company

Company Name
Japan Aviation Electronics Industry, Limited

Establishment of Business
August 20, 1953

Head Office
21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, Japan

Capital
¥10.69 billion

Stock Exchange Listing
Tokyo Stock Exchange, 1st Section

Activities
Manufacturing and marketing of connectors, user interface solutions, and aerospace and related electronics

Members of the Board and Auditors

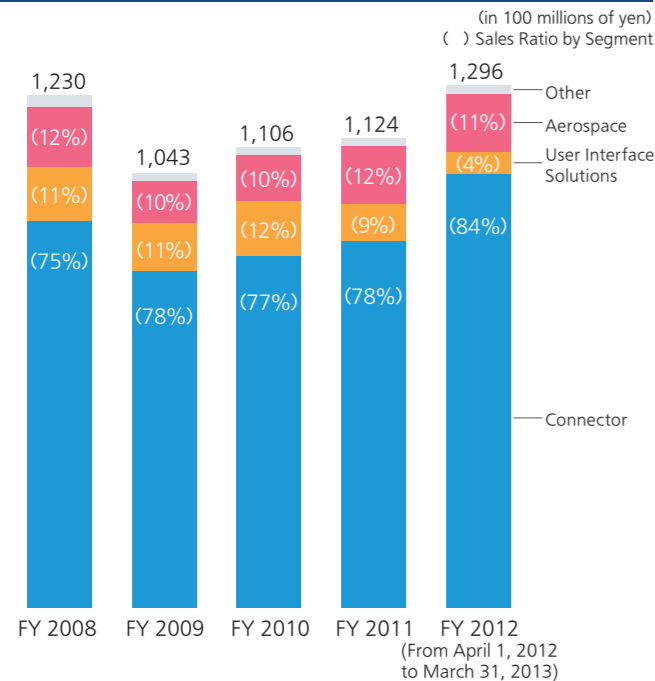
President Yasutaka Akiyama	Statutory Auditors Takashi Yamamoto
Members of the Board Takashi Tamaki Tsutomu Onohara Kazuo Takeda Yasutoshi Ogino	Mitsuo Hikita Katsuya Mizuishi Tokuo Yamamoto

Officers [As of December 2013]

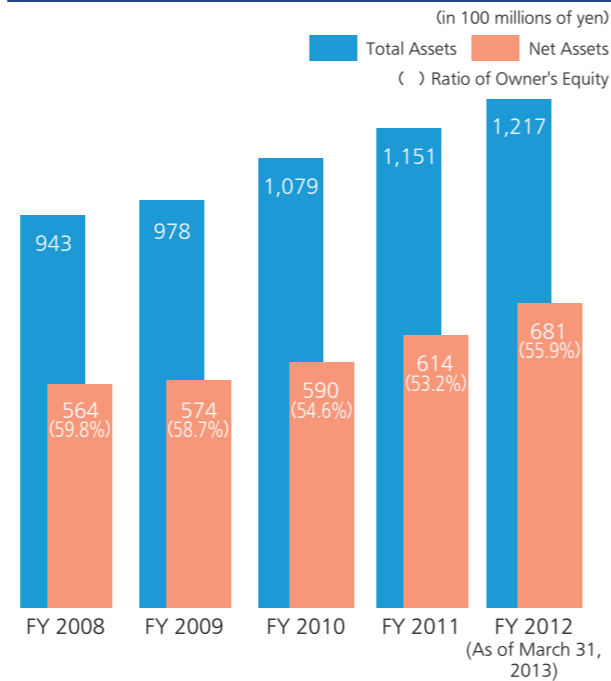
President Yasutaka Akiyama*	Associate Senior Vice Presidents Takaji Imai
Executive Vice Presidents Takashi Tamaki* Tsutomu Onohara*	Hajime Saito Seiji Murano
Senior Vice President Kazuo Takeda*	Minoru Urano
Associate Senior Vice Presidents Mamoru Okamoto Akira Shimazaki Yasutoshi Ogino*	Katsumi Watanabe Tetsuya Nakamura Kokichi Sasao Toru Kono Masahide Wakuri

Members of the Board are indicated by an asterisk ()

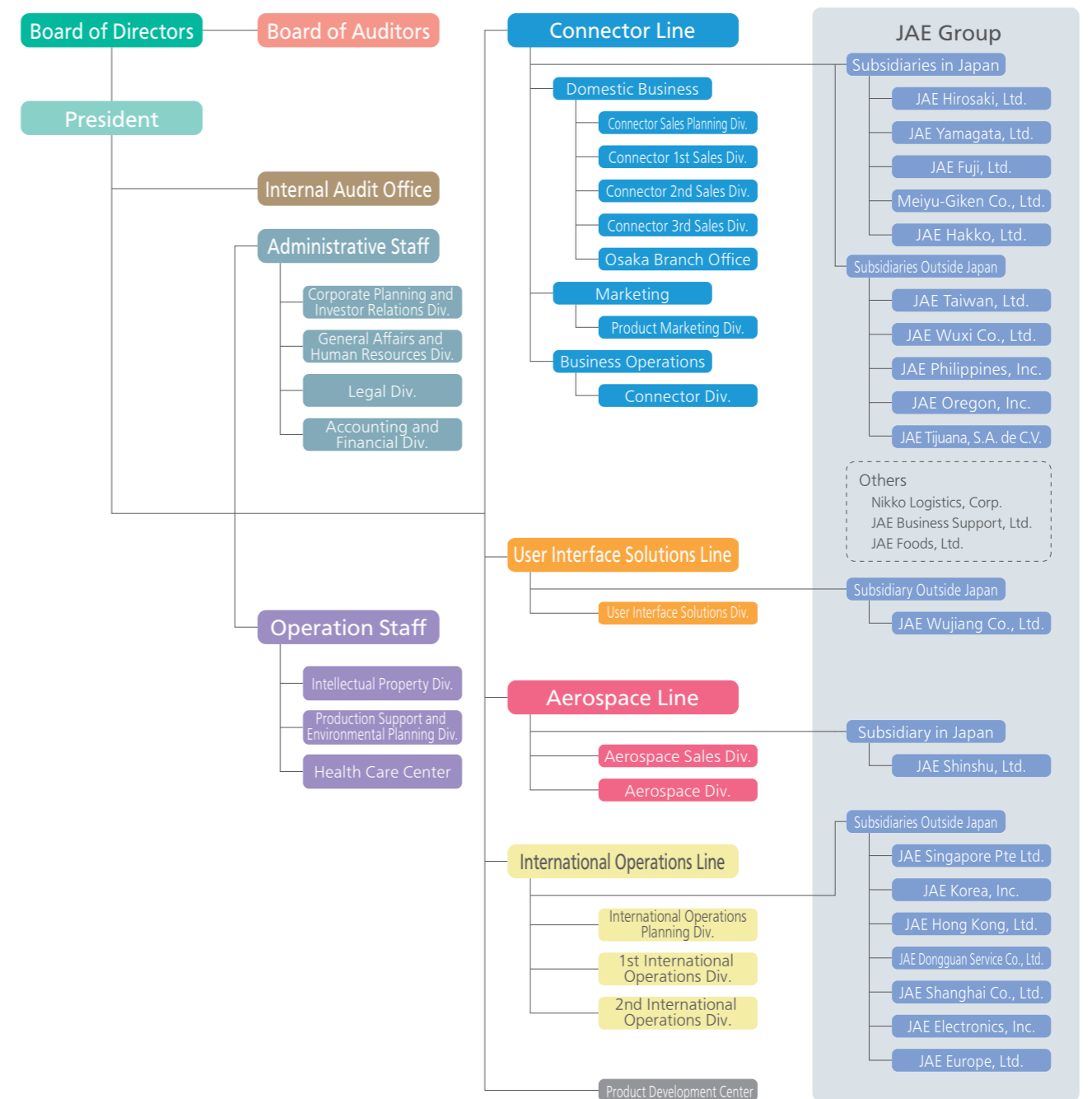
Net Sales (Consolidated)



Total Assets·Net Assets (Consolidated)



Organization [As of December 2013]



History



The then Akishima Factory

Establishment

- AUG.1953** Commenced business under the company name "Japan Aviation Electronics Industry, Ltd." with head office in Minato-ku, Tokyo (in NEC Corporation), anticipating future development of the aircraft and space industries. Commenced overhaul and maintenance services for US army aircraft.
- AUG.1954** Factory built in Kawasaki-shi, Kanagawa-ken (at location of NEC's Tamagawa Plant)
- APR.1961** Akishima Factory (present Akishima Plant) completed, all facilities moved from NEC's Tamagawa Plant
- MAY.1961** Head Office moved to Shibuya-ku, Tokyo

Pioneer of the Globalization

- MAR.1977** Sales office established in North America
- JUL.1984** Manufacturing plant constructed in Asia (Taiwan)

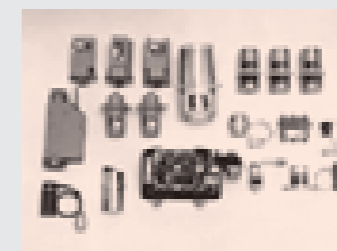
Growth Process



Connectors

Connector Line

- AUG.1955** Started manufacture and sales of connectors under Technical License Agreement with Cannon Electronic Co., U.S.A. (presently ITT)



Gyros

Aerospace Line

- AUG.1961** Signed a technical assistance agreement with U.S.-based Honeywell to commence manufacturing of autoflight systems, fuel meters, liquid oxygen quantity indicators, and gyro devices and other equipment for the F-104J

Global Network

We operate a network of development, manufacturing and sales to be able to respond to customer demand worldwide.

JAE Group
Number of Group Companies As of December 2013

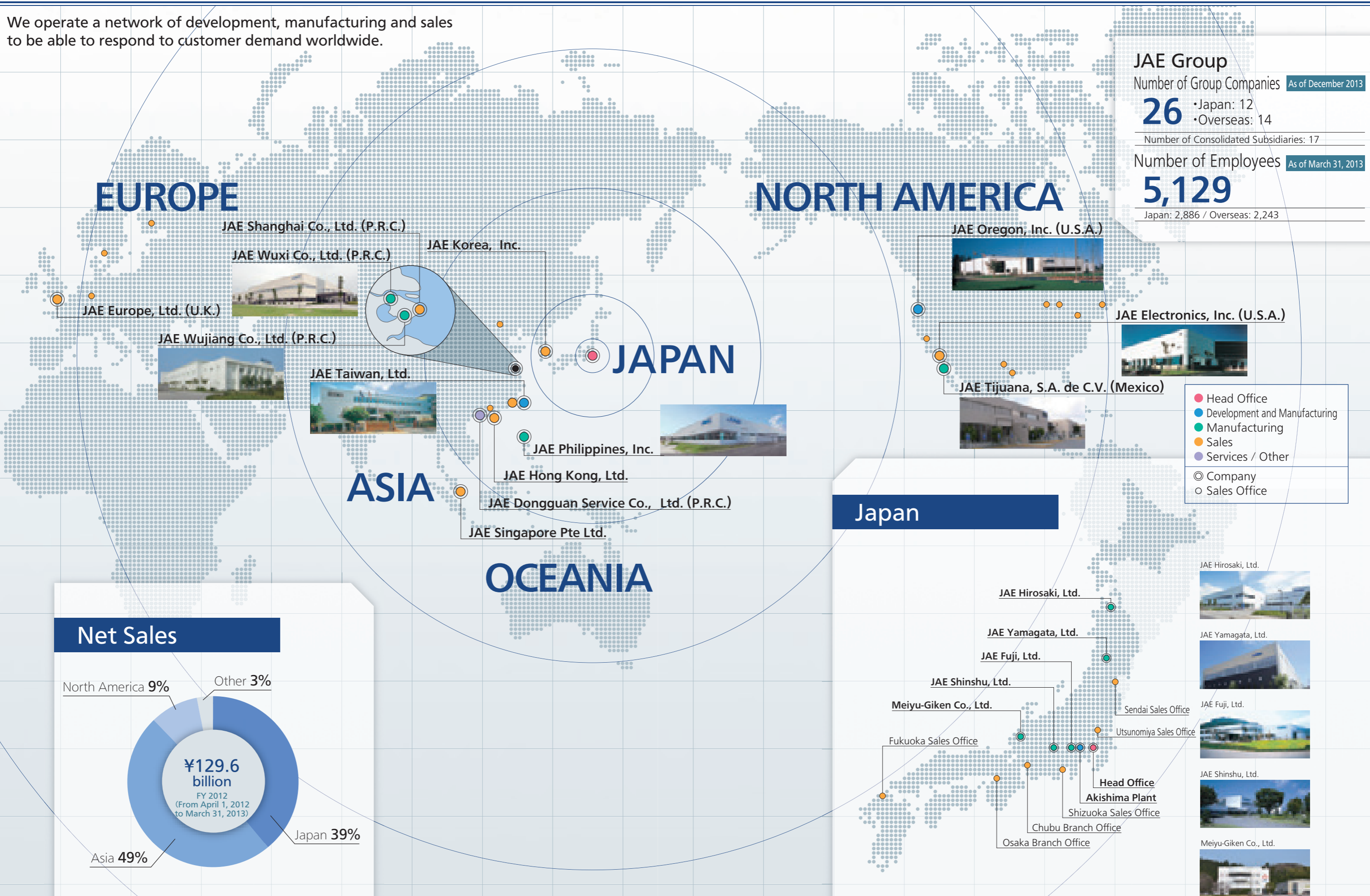
26 • Japan: 12
• Overseas: 14

Number of Consolidated Subsidiaries: 17

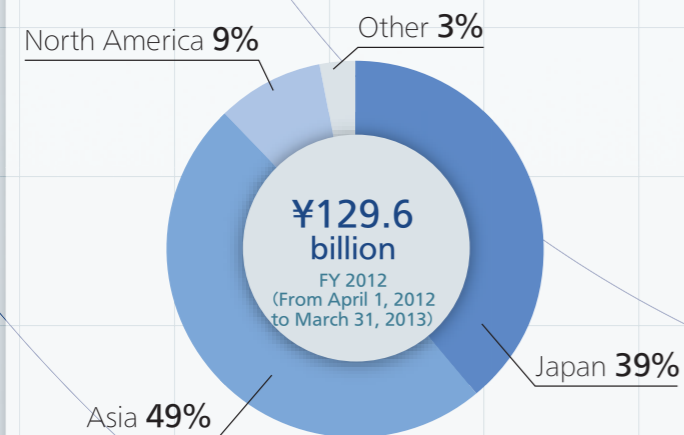
Number of Employees As of March 31, 2013

5,129

Japan: 2,886 / Overseas: 2,243

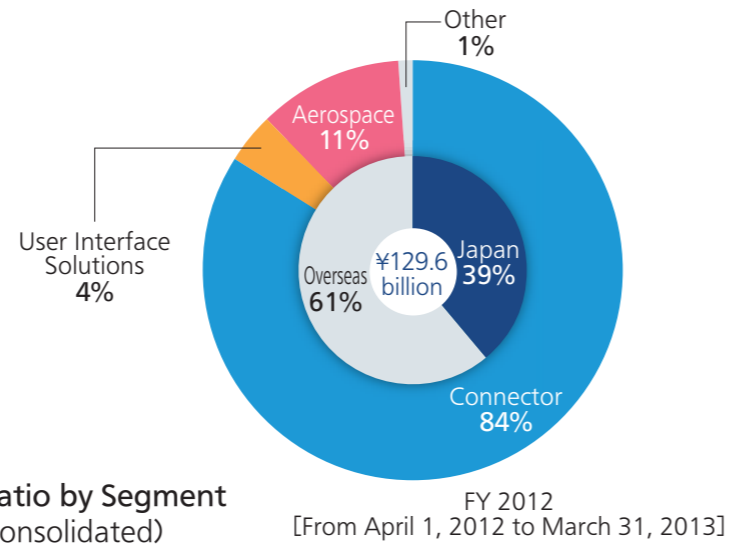


Net Sales

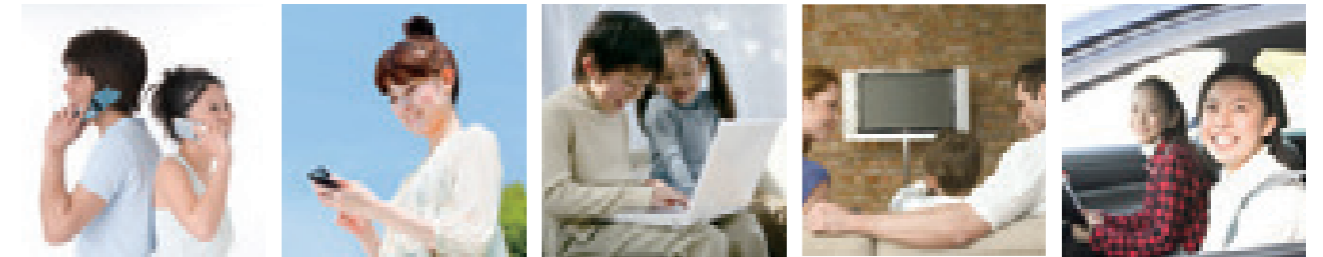


Business Line

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



Technology to Inspire Innovation

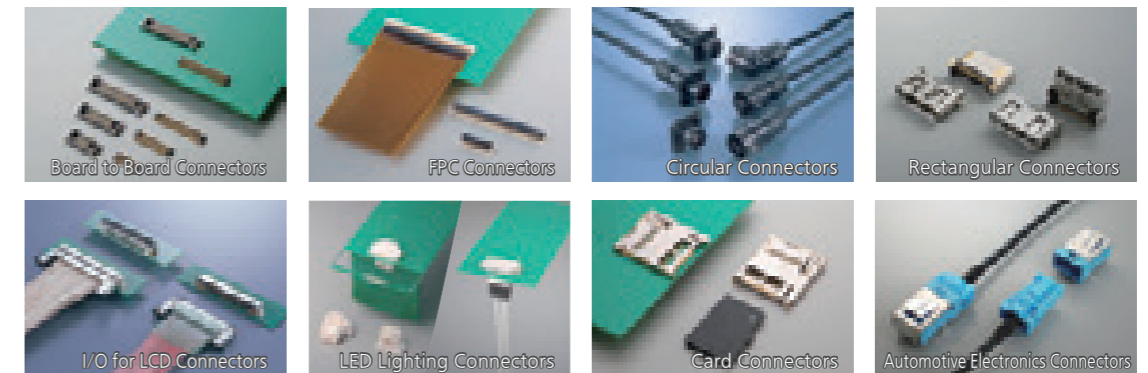
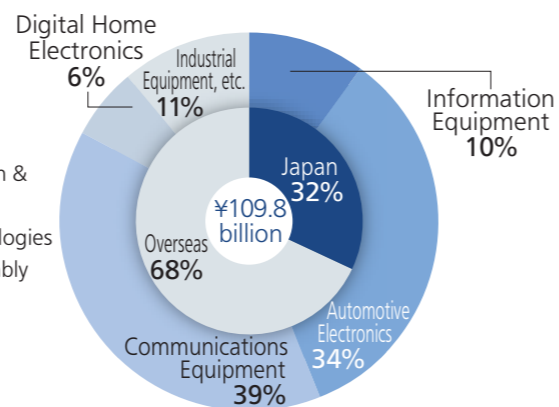


Connector

With our unparalleled capability to develop connecting technology, we help customers achieve unique designs and streamline mass production, paving a new way in the ever developing network society.

JAE's Core Technologies

- Contact Reliability Technology / Connection Integrity Technology
- High-speed Transmittal Simulation & Evaluation Technology
- High-precision Processing Technologies such as Stamping / Mold / Assembly
- Surface Treatment Technology

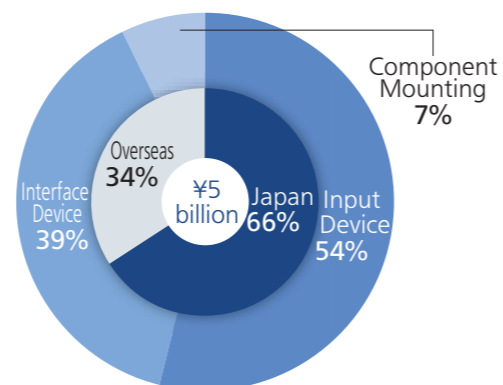


User Interface Solutions

We offer user interface solutions, creating next-generation operability technology.

JAE's Core Technologies

- Tactile Feel Technology
- Touch Interface Technology
- Switch Contact Technology
- High-precision Mechanical Design Technology

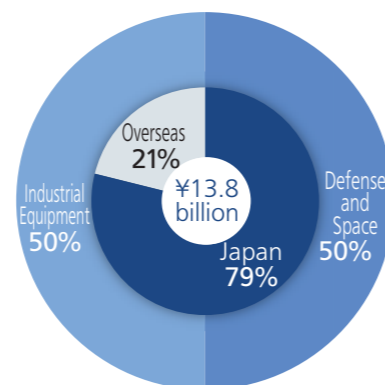


Aerospace

We provide motion sensing and control solutions, creating new value in the clean-energy arena.

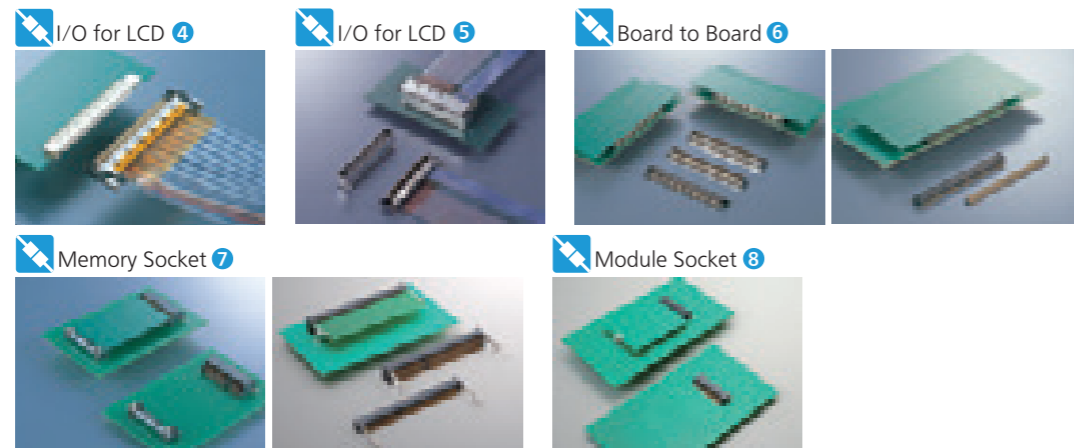
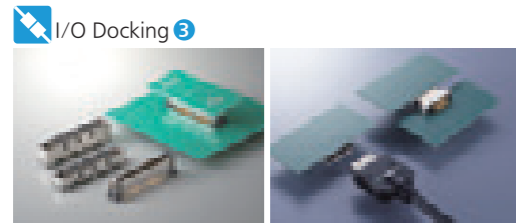
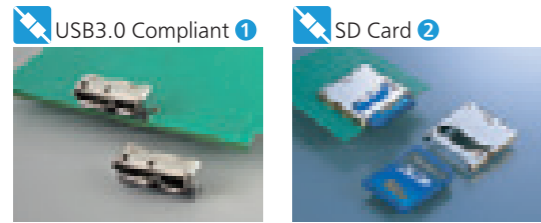
JAE's Core Technologies

- Precision Motion Sensing Technology
- High-reliability Motion Control Technology
- Precision Mechatronics Technology
- Ruggedized Environment Design, Evaluation Technology



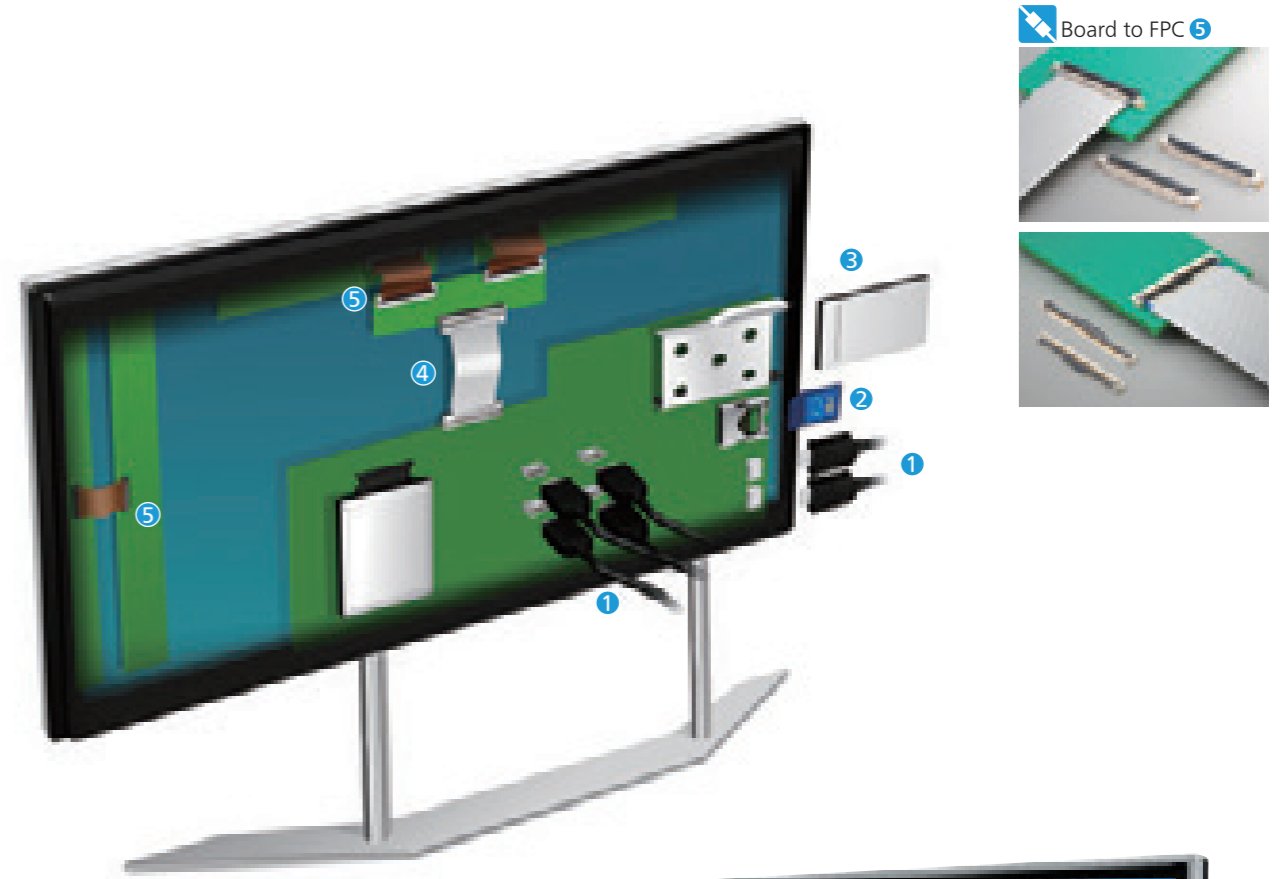
Products & Applications

Notebook PC



Connector

FPD TV



Products & Applications

Portable Devices

USB 2.0 Compliant 1



microSIM Card 2



microSD Card 3



Tablet PC

Module Socket 4



Smartphone

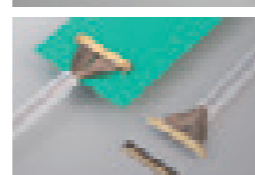
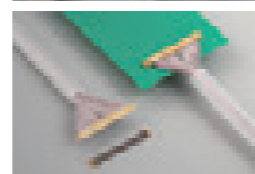


Connector User Interface Solutions

Board to Board 5



Fine-wire Coaxial 6



Micro-USB Standard 8



HDMI Standard 9

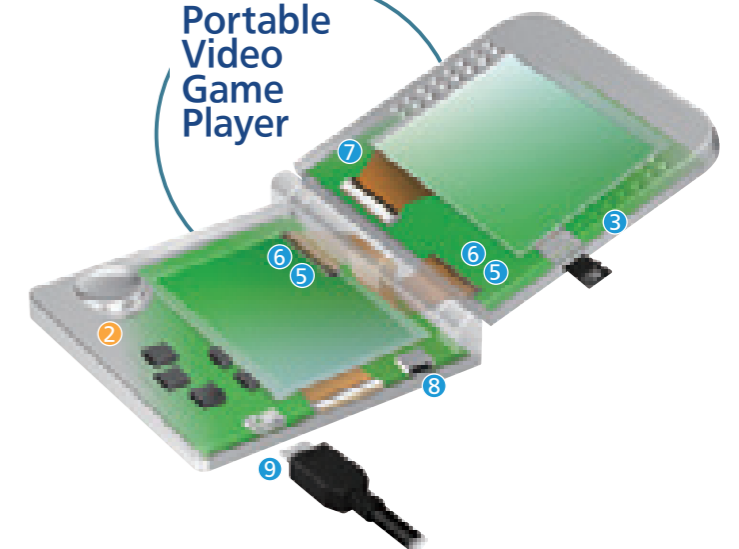


Digital Audio Player

Board to FPC 7



Portable Video Game Player



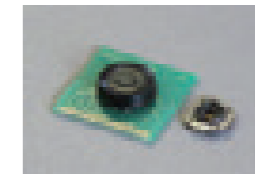
Digital Camera



Operation Switch Assembly 1



Cursor Wheel (CW50) 2

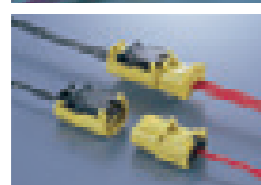


Cursor Wheel (CW20) 2



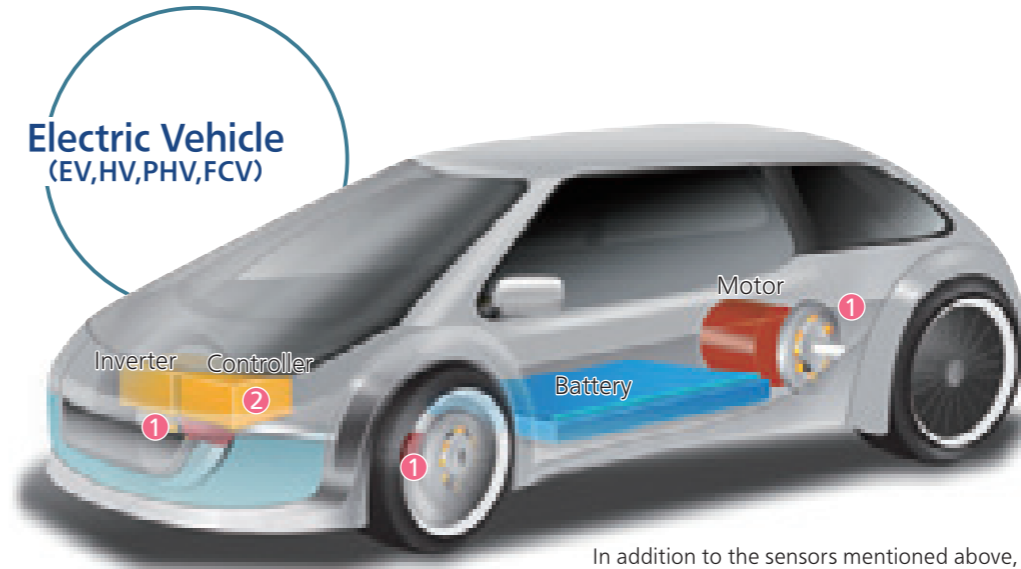
Products & Applications

Automotive

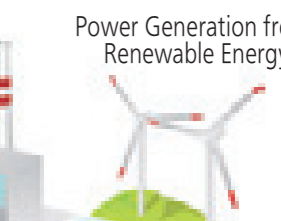
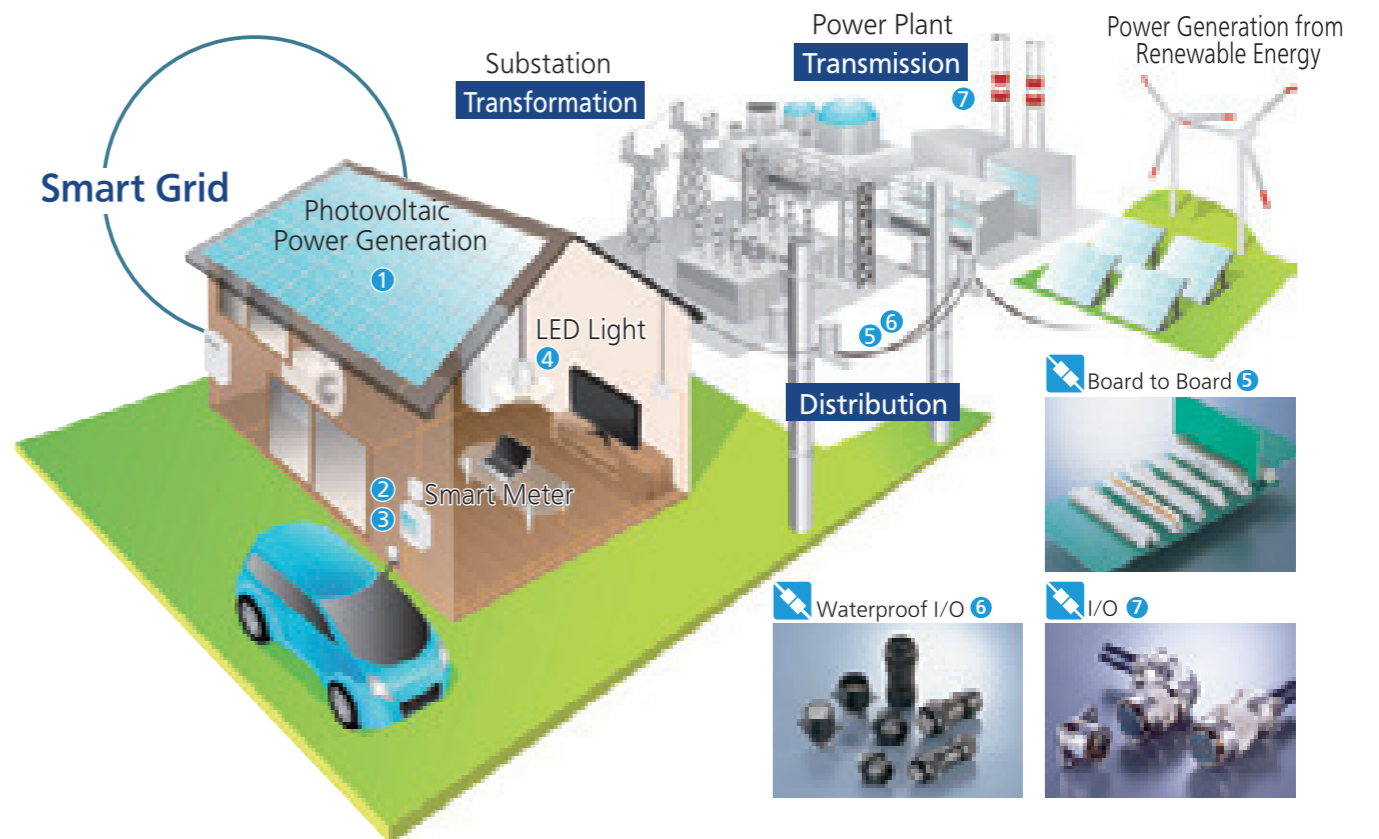


Connector User Interface Solutions Aerospace

Clean Energy



In addition to the sensors mentioned above, various automotive connectors are used.

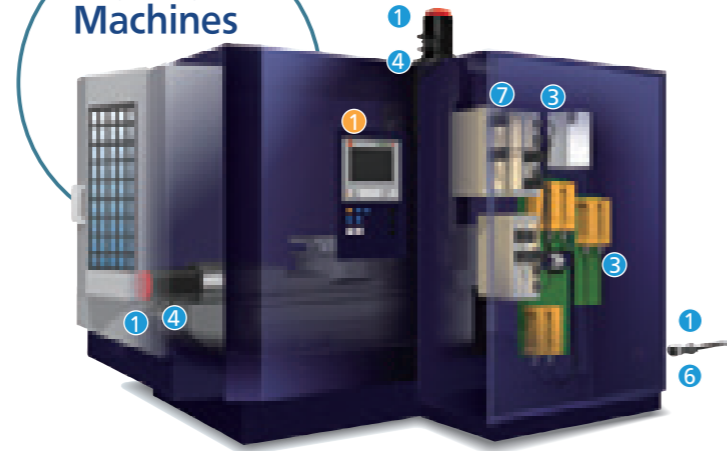


Products & Applications

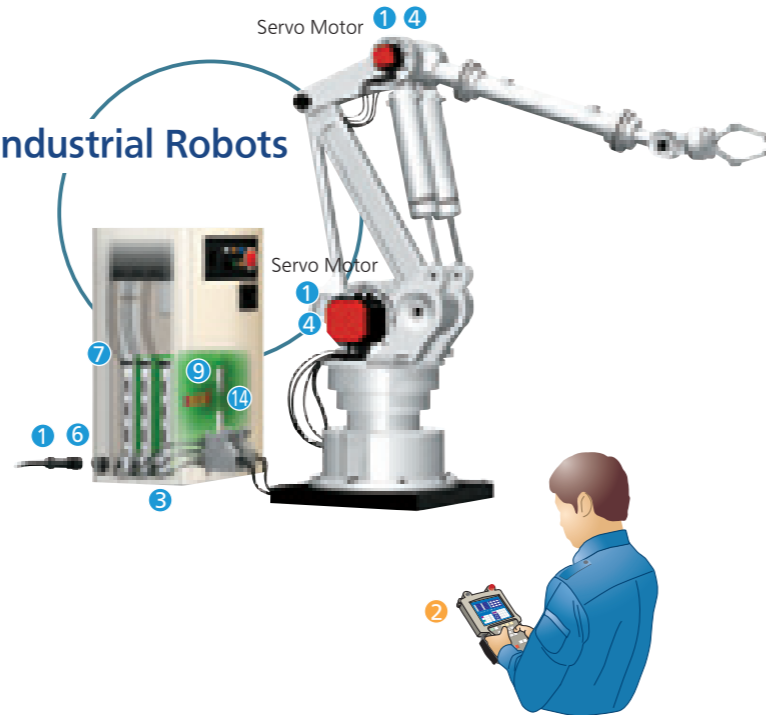
Industrial Equipment



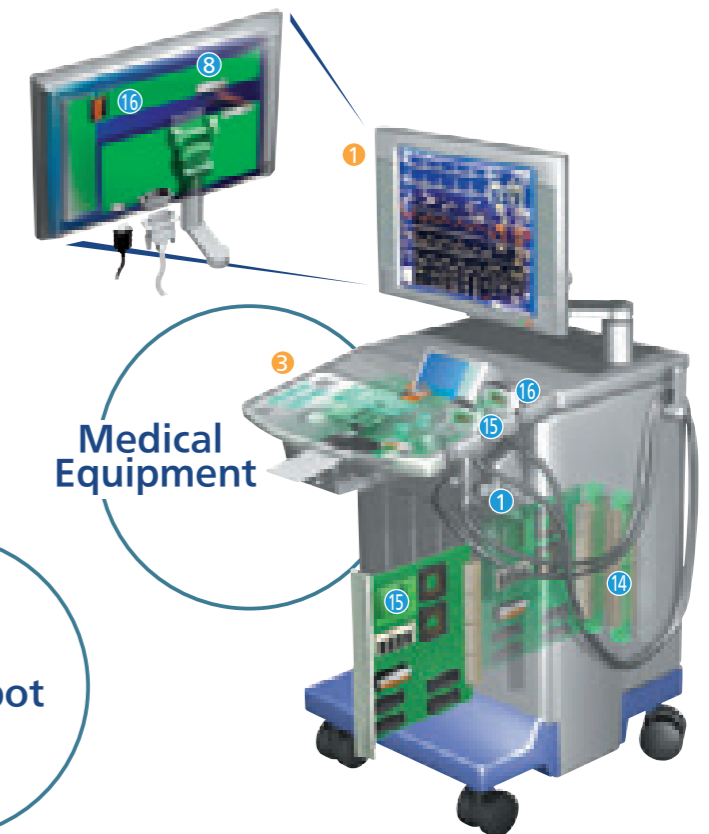
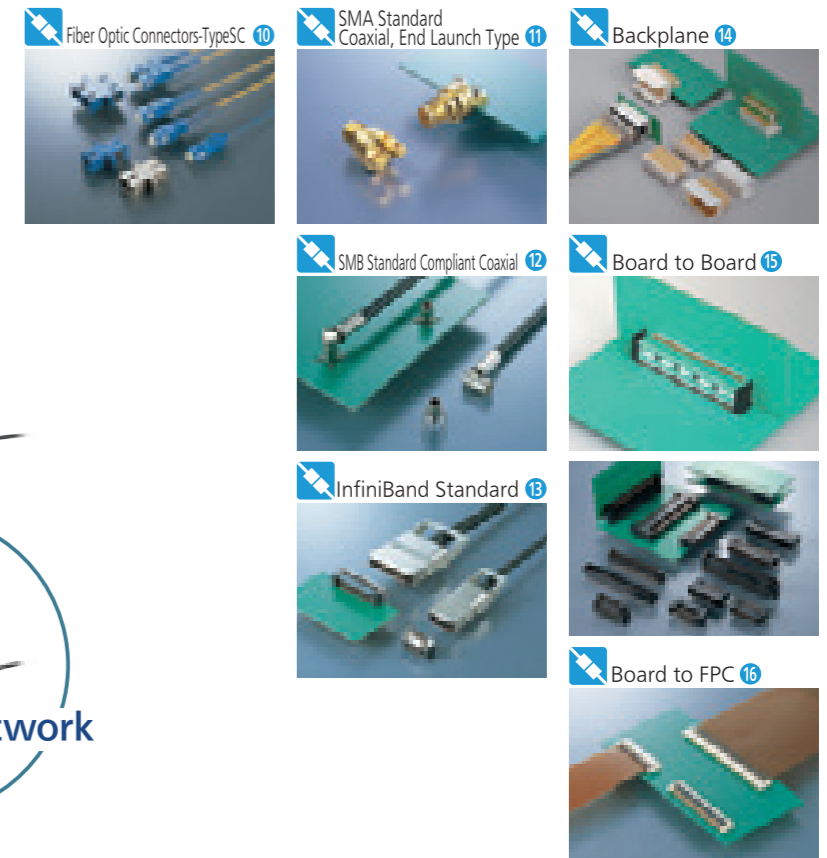
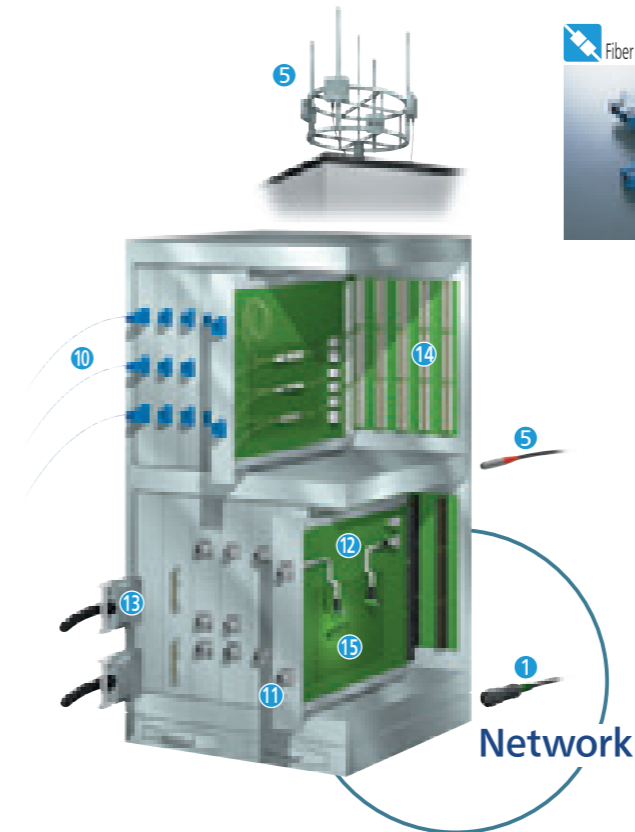
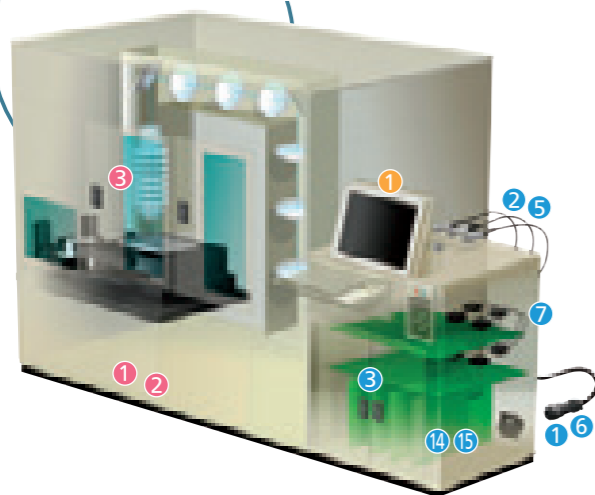
Numerical Control Machines



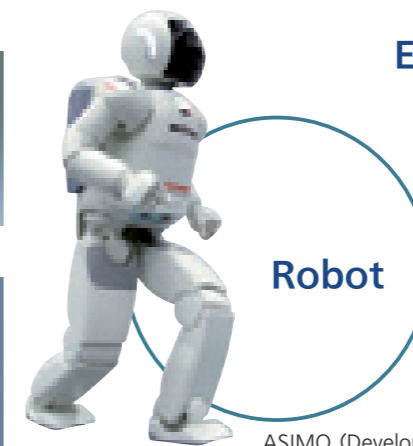
Industrial Robots



Semiconductor Equipment



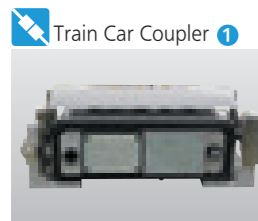
Medical Equipment



Robot

Products & Applications

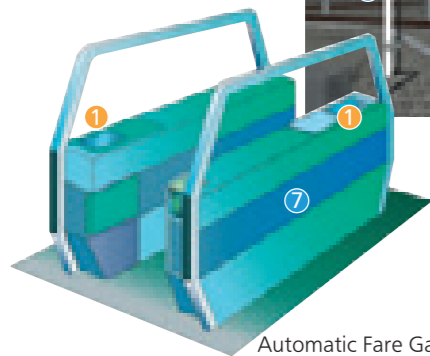
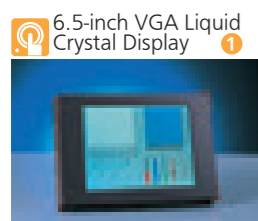
Industrial Equipment



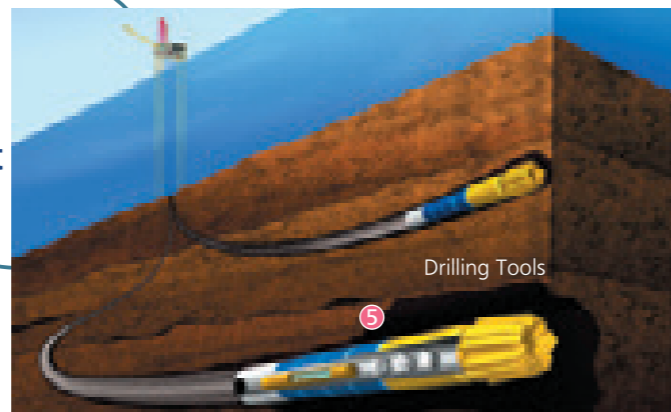
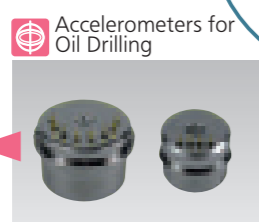
Railway Vehicles



Our products support Shinkansen services in Japan and new high-speed trains overseas.

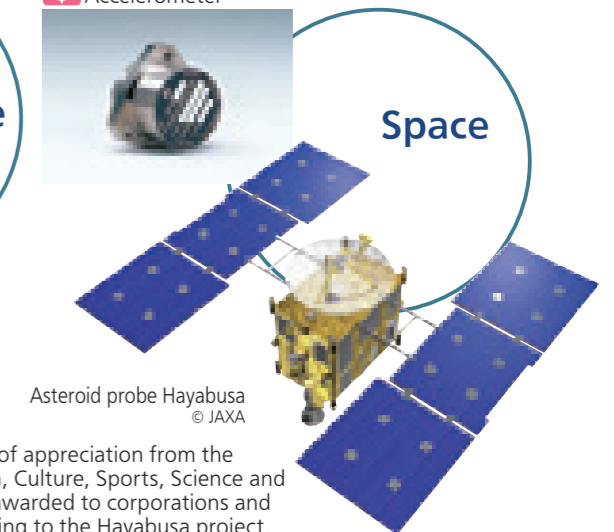
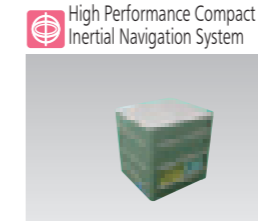


Oil Drilling Equipment

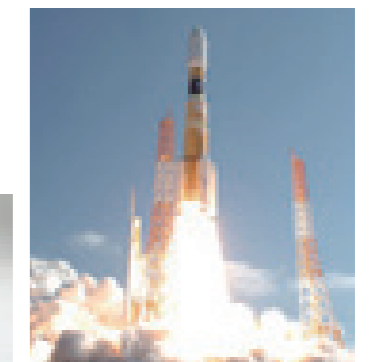
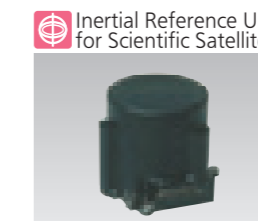


Connector User Interface Solutions Aerospace

Aviation / Space / Others



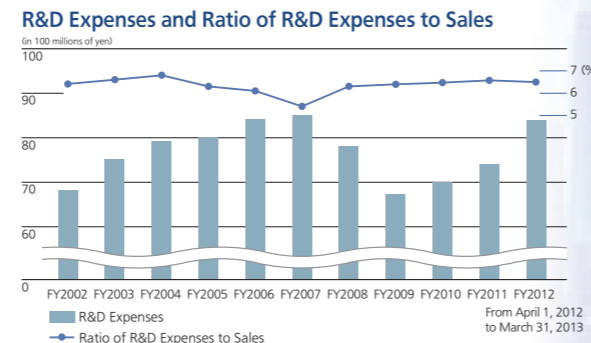
JAE received a letter of appreciation from the Ministry of Education, Culture, Sports, Science and Technology (MEXT) awarded to corporations and institutions contributing to the Hayabusa project.



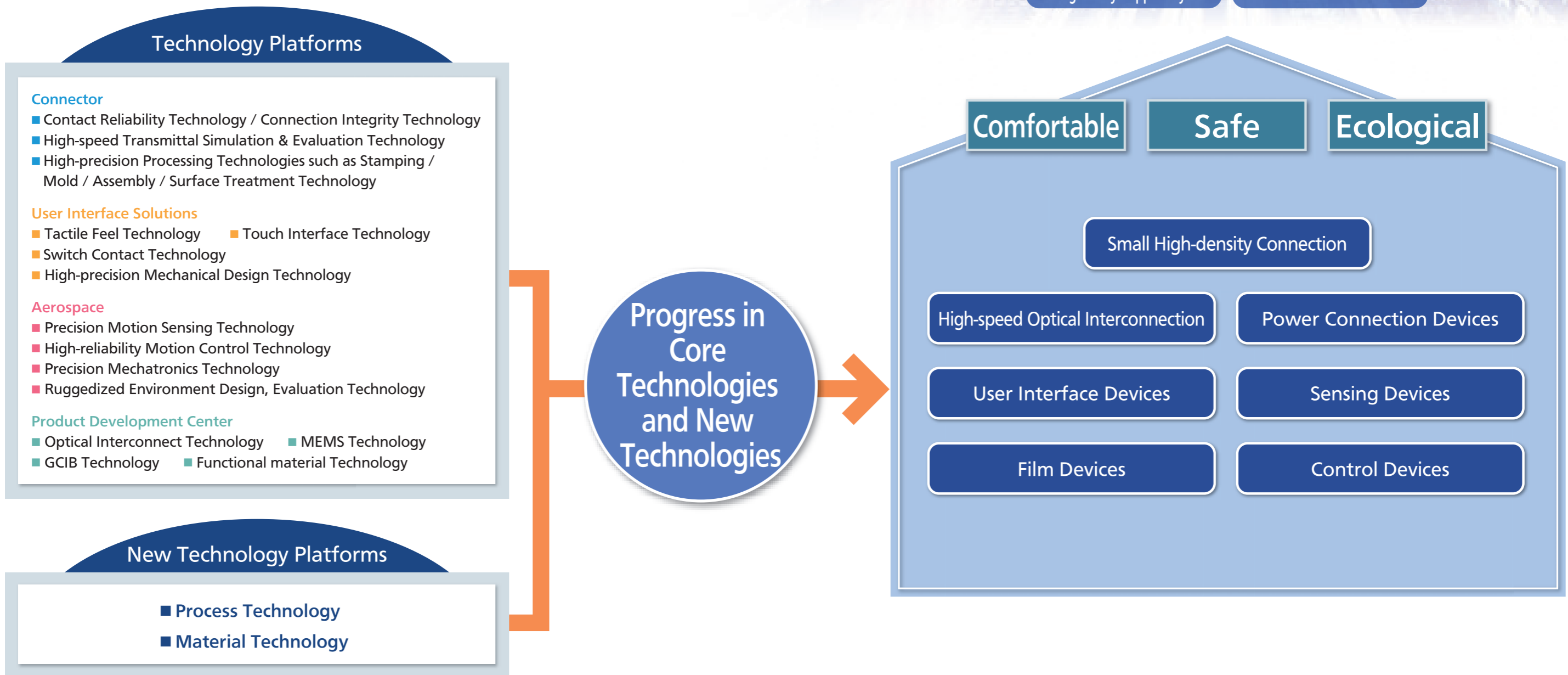
Our products also find wide applications in the aerospace field, including umbilical connectors for joining rockets and the ground equipment, other connectors for wiring in rockets and other devices.

R&D Activities Supporting “Technology to Inspire Innovation”

In the approximately 60 years since its founding, our company has put an emphasis on R&D and has invested continuously and aggressively in R&D. We are working hard to develop and strengthen the foundation (core) technologies through R&D by both independent and cooperative operations in the connector, user interface and aerospace divisions, as well as in the central research laboratory (corporate R&D). As we continue to focus on promising market needs to lead us into the 21st century, our goal is to guarantee consistent corporate growth and contribute to society. We develop and offer Innovative/Creative products by further advancing technical platforms, development, and blending new technologies.



Research & Development



Manufacturing Technology Innovation

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

Delivery

which are the most essential points for a manufacturer.

Action Program

-  Striving for “zero complaints” and to be easy to work with for customers
-  Providing optimized one-stop services* to reduce customers’ supply chain costs
*One-stop services: diversified product offering including cable harnesses and modules.
-  Innovation of fundamental technology and production capacity encompassing manufacturing equipment and part processing and assembly
-  Speedy commencement of development from the customer starting point using the 3D CAD/CAM network
-  Global small group activities and effective proposals, and transfer of knowledge and skills
-  Increasing manufacturing efficiency through production innovation activities

We are striving for “zero complaints” and to be easy to work with for customers

We manufacture quality products by expanding new product development utilizing material analysis, high-speed transmission evaluation (EMC) 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.

Material Analysis



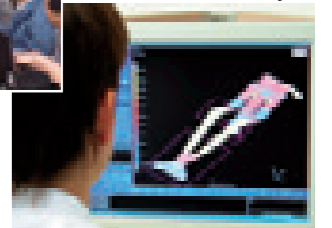
High Speed Evaluation



Workmanship Evaluation



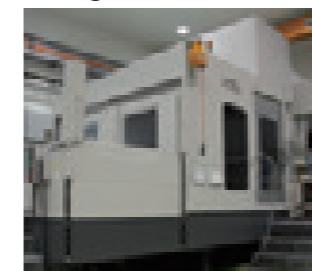
Element Analysis



Innovation of fundamental technologies and production capacity, covering all aspects of equipment, parts and products

Aiming at higher manufacturing speed and cost reduction, we spare no effort to innovate the fundamental technologies and processes ranging from equipment production, to part processing steps such as cutting, molding, stamping and plating, to product assembly.

Cutting



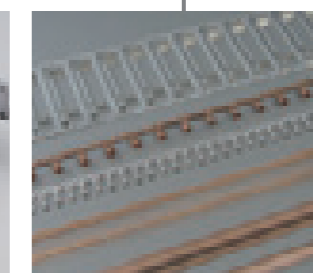
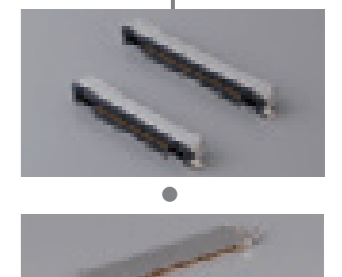
Molding



Stamping



Assembly









Basic Philosophy

The JAE Group will contribute to the attainment of a prosperous, sustainable, recycling-based society by fulfilling its corporate social responsibility through environmentally friendly business activities and respect for the natural environment and biological diversity.

"ISO14001" Certification

Action Program

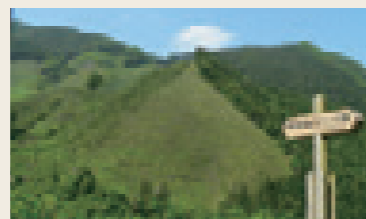
-  Countermeasures against global warming
-  Reduction in materials
-  Reduction of chemical substance use
-  Reduction of industrial waste output
-  Promotion of "green" procurement
-  Promotion of eco-friendly designs

A symbol of our environmental management

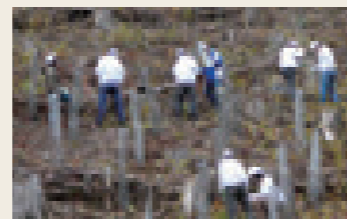
Forest of JAE Group (Okutama, Tokyo)

The Tokyo Development Foundation for Agriculture, Forestry and Fishery planned a "Corporate Adopt-a-Forest Program." This program aims at reforestation of barren hills left as the result of logging activity in the Okutama district, Tokyo. The water used at our Akishima plant (in Akishima City, Tokyo), like the rest of the city water supply, comes from groundwater that has its source in the Okutama forest area, so as a symbol of our environmental management we were the first to participate in the corporate forest program by creating the "Forest of JAE Group" in June 2004.

Since the opening of the forest, our staff members have planted and cleared undergrowth at regular intervals, to enhance environmental awareness.



"Forest of JAE Group" in Okutama, Tokyo



Deer Damage Measures

Initiatives for Social Contribution

The JAE Group is expanding its regionally-based exchange and charitable activities at domestic and overseas group companies as a good corporate citizen under the JAE Group Charter of Corporate Behavior.

Local charitable activities / Environmental and beautification campaigns

The JAE Group is involved in a wide range of community-based activities at its plants, including interaction with local residents, supporting local events, and cleanup efforts in the area around each plant.

- Neighborhood and local community beautification campaigns (JAE Group)
- Participation in the Hirosaki Neputa Festival (JAE Hirosaki)
- Holding the "Imoni Party" of Yamagata Prefecture's Specialty / Ecology Bazaar (JAE Yamagata)
- Cleanup of the floodplain of the Iwaki River (JAE Hirosaki)
- Mt. Fuji environment beautification and cleanup activities (JAE Fuji)
- The Tenryu River beautification and maintenance of trekking trails at Mt. Eboshi-dake (JAE Shinshu)
- Volunteers cleaned tsunami debris of the Great East Japan Earthquake from Oregon beaches (JAE Oregon)
- Assisted in sea turtle preservation through distribution of educational booklets and cleaning of spawning areas (JAE Philippines)
- Participated in a charity marathon for restoring coral reefs of Manila Bay (JAE Philippines)



Tenryu River beautification (JAE Shinshu)



Hirosaki Neputa Festival (JAE Hirosaki)

Support of disaster relief



Charity bazaar (JAE Oregon)



Donating relief supplies to victims of monsoon torrential rains (JAE Philippines)

In addition to supporting recovery from the Great East Japan Earthquake, support efforts have been extended for victims of disasters in other regions.

- Charity bazaar using the factory warehouse for recovery from the Great East Japan Earthquake (JAE Oregon)
- Donating relief supplies to victims of monsoon torrential rains (JAE Philippines)
- Participated in promoting sales of products as a promotional partner for Food Action Nippon, a campaign promoted by the Ministry of Agriculture, Forestry and Fisheries, in cooperation with a mail-order company dealing primarily in Tohoku products (JAE Business Support)

Educational support

The JAE Group sponsors events to provide children with opportunities to experience firsthand the joy of building things (Monozukuri), and environmental education. In addition, we also participate in the improvement and maintenance of learning environments, and the donation of equipment.

- Participation in the Monozukuri Taikan Stadium (JAE)
- Conducted classes for local elementary schools about the environment with a focus on strategies for global warming and environmental issues in corporate environmental activities (JAE)
- Environmental improvement and donation of equipment for public schools (JAE Philippines)



Environmental class for a local elementary school (JAE)



Monozukuri Taikan Stadium (JAE)

Welfare and charity support



Participated in a charity race event organized to raise funds for breast cancer research (JAE Electronics)



Provided health checkups for local high school teachers and students (JAE Philippines)

The JAE Group is involved in supporting activities through participation in a charity race event and Christmas parties.

- Participated in a charity race event organized to raise funds for the Susan G. Komen for the Cure, a breast cancer research group (JAE Electronics)
- Held a Christmas party inviting local child workers and people who are suffering from disease (JAE Philippines)
- Provided health checkups for local high school teachers and students in cooperation with the Philippine navy (JAE Philippines)

Location



Head Office

Head Office

21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, Japan
Tel: +81-3-3780-2711 Fax: +81-3-3780-2733

- Connector Sales Planning Div.
- Connector 1st, 2nd, 3rd Sales Div.
- Product Marketing Div.
1-19, Aobadai 3-chome,
Meguro-ku, Tokyo 153-8539, Japan
Tel: +81-3-3780-2717 Fax: +81-3-3770-3869
- User Interface Solutions Div. Sales Dept.
1-19, Aobadai 3-chome,
Meguro-ku, Tokyo 153-8539, Japan
Tel: +81-3-3780-2843 Fax: +81-3-3780-2885

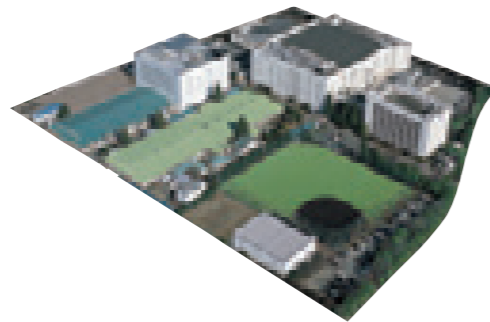
- Aerospace Sales Div.
21-2, Dogenzaka 1-chome,
Shibuya-ku, Tokyo 150-0043, Japan
Tel: +81-3-3780-2719 Fax: +81-3-3780-2945
- International Operations Planning Div.
- 1st, 2nd International Operations Div.
1-19, Aobadai 3-chome,
Meguro-ku, Tokyo 153-8539, Japan
Tel: +81-3-3780-2768 Fax: +81-3-3780-2883

Development / Manufacturing

Development and Production Center

Akishima Plant

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



Akishima Plant

Sales Offices

- | | | |
|-----------------------|---------------------------|-------------------------|
| ■ Osaka Branch Office | ■ Sendai Sales Office | ■ Shizuoka Sales Office |
| ■ Chubu Branch Office | ■ Utsunomiya Sales Office | ■ Fukuoka Sales Office |

Domestic Subsidiaries

JAЕ Hiroasaki, Ltd.

<http://www.hae.jae.co.jp>

Manufacturing

JAЕ Shinshu, Ltd.

<http://www.sae.jae.co.jp>

Manufacturing

JAЕ Yamagata, Ltd.

<http://www.yae.jae.co.jp>

Manufacturing

Meiyu-Giken Co., Ltd.

<http://www.meiyu-giken.co.jp>

Manufacturing

JAЕ Fuji, Ltd.

<http://www.fae.jae.co.jp>

Manufacturing

Nikko Logistics, Corp.

Services / Other

JAЕ Business Support, Ltd.

<http://www.jbs.jae.co.jp>

Services / Other

JAЕ Hakko, Ltd.

<http://www.hakkou.co.jp>

Sales

JAЕ Foods, Ltd.

Services / Other

Overseas Subsidiaries

— Asia —

JAЕ Taiwan, Ltd.

■ Established July 1984 Development / Manufacturing
 ■ Address No.35, 20th, Rd., Industrial Park, Taichung, 40850, Taiwan
 Tel : +886-4-2359-3411 Fax : +886-4-2359-3697
 ■ Branch Office -Taipei
 Tel : +886-2-2396-7676 Fax : +886-2-2392-5929
<http://www.jae.com.tw>

JAЕ Wuxi Co., Ltd.

■ Established July 2001 Manufacturing
 ■ Address No.2, Xinhua Road, Wuxi National Hi-Tech Industrial
 Development Zone, Wuxi, Jiangsu, 214028 P.R.China
 Tel : +86-510-8521-5888 Fax : +86-510-8521-5777

JAЕ Wujiang Co., Ltd.

■ Established March 2002 Manufacturing
 ■ Address 88-4 Pangjin Road, Wujiang Economic and Technological
 Development Zone Suzhou, Jiangsu, 215200 P.R.China
 Tel : +86-512-6349-6123 Fax : +86-512-6349-6777

JAЕ Shanghai Co., Ltd.

■ Established June 2003 Sales
 ■ Address Rm1407, Shanghai Mart, 2299 Yanan Road (West),
 Shanghai, 200336 P.R.China
 Tel : +86-21-6236-0322 Fax : +86-21-6236-1292
 ■ Branch Office -Beijing
 Tel : +86-10-59780241 Fax : +86-10-59780247

JAЕ Hong Kong, Ltd.

■ Established April 1994 Sales
 ■ Address Suites 1407-11, 14/F., Tower 2, The Gateway,
 25 Canton Road, Tsimshatsui, Kowloon, Hong Kong
 Tel : +852-2723-7782 Fax : +852-2723-9028
 ■ Representative Office -Shenzhen
 Tel : +86-755-8270-6899 Fax : +86-755-8270-6966

JAЕ Dongguan Service Co., Ltd.

■ Established May 2011 Services / Other
 ■ 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

JAЕ Philippines, Inc.

■ Established June 1996 Manufacturing
 ■ Address Special Export Processing Zone, Gateway Business
 Park, Javalera, General Trias 4107 Cavite, Philippines
 Tel : +63-46-433-0285 Fax : +63-46-433-0287

JAЕ Singapore Pte Ltd.

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

JAЕ Korea, Inc.

■ Established January 1996 Sales
 ■ Address 13F, Namgang B/D, 1340-6, Seocho-dong,
 Seocho-gu, Seoul, 137-861, Korea
 Tel : +82-2-6230-1100 Fax : +82-2-6230-1190

— North America —

JAЕ Oregon, Inc.

■ Established October 1988 Development / Manufacturing
 ■ Address 11555 S.W. Leveton Drive, Tualatin, OR 97062, U.S.A.
 Tel : +1-503-692-1333 Fax : +1-503-692-4193
<http://www.jaeoregon.com>

JAЕ Tijuana, S.A. de C.V.

■ Established April 2010 Manufacturing
 ■ 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

JAЕ Electronics, Inc.

■ Established March 1977 Sales
 ■ Address 142 Technology Drive, Suite 100, Irvine,
 CA 92618-2430, U.S.A.
 Tel : +1-949-753-2600 Fax : +1-949-753-2699
 ■ Sales Office
 Cupertino, CA Tel : +1-408-366-1299
 Amherst, NH Tel : +1-603-673-7591 Fax : +1-603-673-7591
 Detroit, MI Tel : +1-734-542-0486 Fax : +1-734-542-0495
 Austin, TX Tel : +1-512-502-3090
 Houston, TX Tel : +1-713-267-9314 Fax : +1-713-260-9602
 Chicago, IL Tel : +1-224-358-6909
 Breezewood, PA Tel : +1-814-977-9522

<http://www.jaeusa.com>

— Europe —

JAЕ Europe, Ltd.

■ Established September 1996 Sales
 ■ Address 200 Fowler Avenue, Farnborough Business Park,
 Farnborough Hampshire, GU14 7JP, U.K.
 Tel : +44 1252 55 11 00 Fax : +44 1252 55 11 10
 ■ Liaison Offices
 Braunschweig, Germany
 Tel : +49 531 88 61 78 5-0 Fax : +49 531 88 61 78 5-9
 Nurmijärvi, Finland
 Tel : +358 9 541 3634
 Gothenburg, Sweden
 Tel : +46 721 873535
<http://www.jae-europe.com>

Activities: Connector User Interface Solutions Aerospace

Development / Manufacturing (3) Manufacturing (9) Sales (7) Services / Other (4)