

ZENRIN
Corporate Profile

Maps to the Future

Our corporate slogan "Maps to the Future" indicates ZENRIN Group's corporate attitude.

In addition, it describes our way "Kodo" - all employees will think and act in order to strive for excellence and for a brilliant future.

This slogan expresses our pride in the history constructed by our predecessors and resolution to lead future map developments.

Exceed common knowledge and existing values.

That is our vision for the future.





ZENRIN WAY

- [Corporate Credo] **Fraternity, Service and Creation**
- [Corporate Philosophy] Contributing to people's lives by creating ZENRIN Geospatial Information.
- [Corporate Slogan] **Maps to the Future**
- [Management Vision] World's No.1 Company in organizing information for mapping.
- [Business Vision] Establishment of ZENRIN Information Platform
- [Guiding Principle] As good corporate citizens, we deliver value by planning, collecting, managing, editing, and providing high-quality information, we are using it to create products tailored to people's needs.

ZENRIN started in 1948, right after World War II, providing maps for tourist booklets issued by Beppu City in Oita Prefecture. Since then, ZENRIN has contributed to people's lives by offering a variety of products and services, including residential maps and map data used in car navigation systems.

Under our unique business model, we conduct regular maintenance on our large volume of information collected every day, manage it in a database, and provide it in forms optimized for all manner of devices.

The usage style of our map varies due to technical innovation and external environmental changes such as sophistication of ITS technology, safety drive support and stronger consciousness for disasters. In order to realize appropriate values, we proceed institution and usage development based on transfer from supplier business to value creating business.

We aim to progress, firmly maintaining our spirit "Fraternity, Service and Creation" and provide valuable information to our customers applying to their respective needs promptly.

President and CEO Zenshi Takayama

Zenshi Takayama

Virtually Limitless Growth in Uses for Maps

Receiving luggage from our hometowns even, in remote area.

Working in a town on the first visit in relief.

Driving on a first visited road without stress.

Maps are indispensable in contemporary society

which requires comfort and convenience.

Maps are expanding its scenes for utilization as affordable and convenient tools.

Maps All around You, Wherever You Go

Drive with car navigation after checking destination by internet. In-door navigation prevents users from being lost in facilities. Check-in through a smartphone with a favorite shop. These actions are provided by maps and location information. In addition, 3D City model maps for games and simulators are now recognized as a new entertainment.



Business Support

Maps are utilized in various business scenes such as assisting visiting customers or guidance to destinations. Especially residential maps are used in management for real estate business and house-to-house delivery in logistics. In addition, maps provide new values combined with routine work data and statistical information, such as a marketing field.



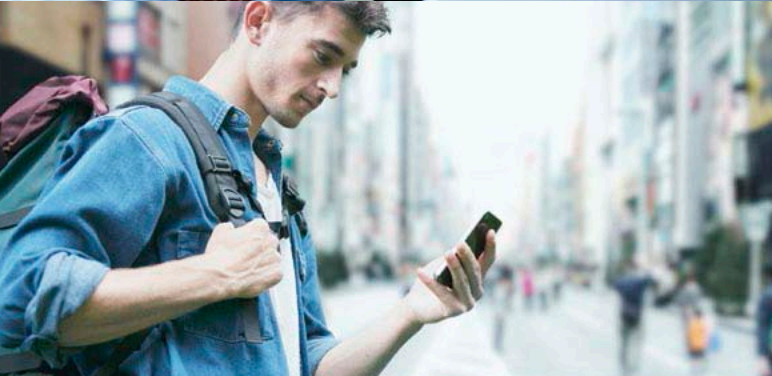
Provide Effective Maps to All Persons on the Globe

Japanese maps which evolved originally through residential maps and car navigation are now highly evaluated. Its uniquely developed know-how is already applied to services and products in Europe, North America and Asia. In addition, our multilingual map services are launched and is now making travelers' experiences more comfortable.



Supporting Social Safety and Security

Maps are utilized by self-governing communities, police, fire departments and public utilities such as electric, water and natural gas companies. For example, in the case of emergency medical service and life-saving fields, residential maps contribute to reduce the response times of emergency vehicles. Maps are also indispensable in providing effective information for disaster prevention such as disaster simulations and hazard maps.



The Constant Evolution of Mapmaking

Since the first step at map development in 1948, ZENRIN has consistently continued actual location checks on foot and manual information updates.

We have maintained quality enhancements and gained more efficiency as digitization replaces handwritten maps since our establishment.

In the generation which required faster development, we meet the needs by evolving our original technology and maintaining our work style as a heritage.

Walking Surveys

We constantly make daily surveys to reflect the latest changes on sign board and nameplates of buildings. Our staffs make field works for data collection annually for city areas, once in 2-5 years for other areas. Collected data are utilized and reflected for the items such as residential maps, car navigation and internet maps. We are maintaining our own working style with actual filed works by staffs in order to collect more accurate information.



Evolution of Investigation Methods

In order to collect various data, we are now introducing portable size devices for survey works. We are improving data production speeds for large amounts of information we collect.



Special Survey Vehicles

We conducting field survey by using special vehicles with GPS and Gyro sensors in order to afford a comfortable driving experience. We collect information regarding traffic regulations and lanes. This information is utilized for safety drive support to drivers. In addition, we strive to update information on the road using high precision laser measurement tools, targeting the future automated driving technology.



Information Management Technology

Information Input
Enormous data collected by survey staff all over the country are gathered in our production base located in Kitakyushu City Fukuoka Prefecture. Operators input revisions on survey scripts one by one. Revisions are reflected to around 1,000 layers such as letters, land shapes and administrative divisions in order to provide ideal map information.

Maintaining Map Information
In order to apply diversification of map usages, ZENRIN is compiling data for various factors. Road network data is an example, which contains elements such as road width and limits. In addition, we update and organize road signs, traffic sign board, intersection information as visual data to reflect special contents for navigation systems. ZENRIN's map information is released under the combination process of elements such as map data, network data, location index and other contents.

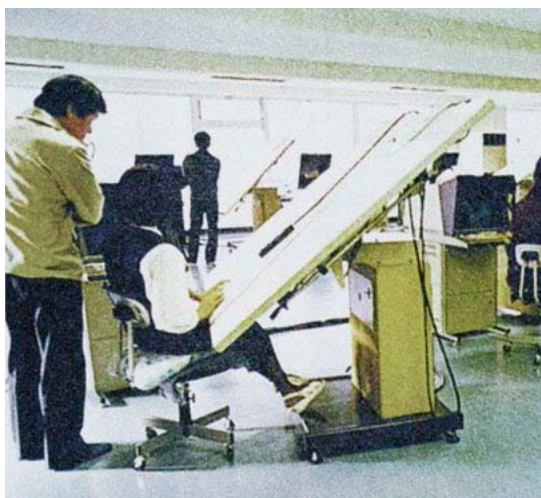


Digital Innovation for Map Information

ZENRIN has processed digitization for map information, leading our competitors. We keep up our aggressive attitude toward new values.

1980s

We succeeded in developing digital database of residential map in 1980s, which was the drawing era of computers. It contained evolitional display with more than 100 layers such as administrative division, land shapes, roads and facilities. This development expanded the range of usage and improved integration of information and location into contents.



Development of the Automatic Residential Map Production System.

1990s—Present

In 1990s, ZENRIN developed the world's first GPS car navigation map. This system provided smoother mobility to unknown places by precise guidance to destinations and contributed to realize such society as using more accurate map information.



World's first GPS car navigation system.

In the Future

ZENRIN constructed "Integrated Geospatial Database" which manages information with geospatial approach.

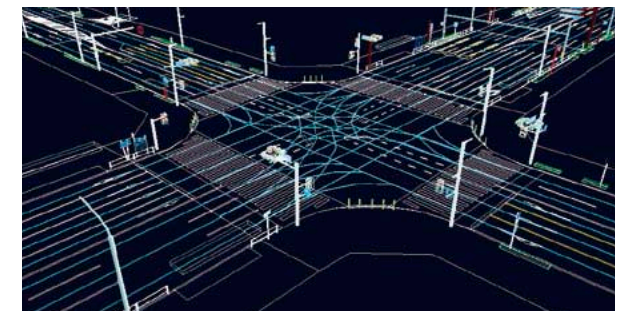
It brings innovation to all scenes such as convenient notification service for ordered parcel, arrival vacancy in the neighboring parking lots, etc. and provides the basis for urban-related analysis such as countermeasure study by disaster simulation or status and forecasts for urban structure changes.

Provides effective information to society, everytime, in suitable data style. That's our innovative direction.

Utilization of ZENRIN Geospatial Database Map Information for Automated Driving

We are progressing research and development for "High precision spatial information" utilizing all geospatial element* already included. This activity supports vehicle sensing by supplying information regarding curvature, locations of stopping lines, road width, etc. as "maps read by vehicles". This database is expected to play a role in "knowledge" for safer driving.

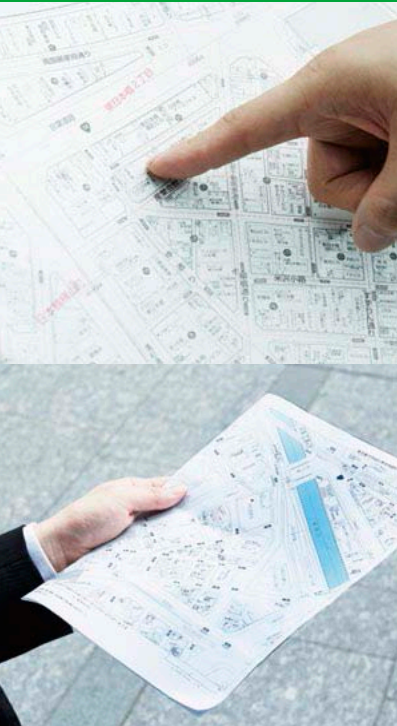
*All things and substances that in exist real world



High precision spatial Information.



Publishing Business



We provide valuable map information for various life situations through print media.

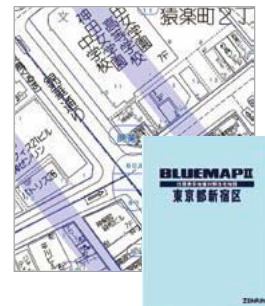
We provide optimal maps for various usage based on our original technology.

Our publishing business plans and published map publications include broad ranges such as information magazine collaborating with municipalities, guide maps for general users, and other business oriented maps.



Helpful to All Businesses—ZENRIN Residential Maps

Detailed building-to-building, door-to-door building names, resident names, and addresses are displayed on large scale maps. Bus stops, traffic lights, actual intersection names, one-way streets, and other road and traffic information are also included.



Bluemaps Cover Specialized Information Regarding Land

Blue displays of cadastral districts, cadastral numbers, and lot numbers based on cadastral maps that can be viewed at regional legal affairs bureaus are layered over residential maps. They also include names of areas used for urban planning, use districts, floor-area ratios, and building-to-land ratios.



Guidemaps are Tailored to be User-friendly

We publish guidemaps that are indispensable to sightseeing and driving, and map publications for walking and other hobbies. We plan and create map publications that are tailored to usage situations and are easy to use.



Publication of Tourist Maps

We partner with local governments and companies to create and publish tourist maps. For example, the "Roadside Station Travel Guide" provides simple maps and regional tourism information according to the season. ZENRIN makes the easy-to-read and easy-to-use maps, carries out page editing and design, as well as ad solicitation, and teams up with local roadside stations to publish the maps.



Public Utility Maps Add Information Suited for Various Purposes and Raise Business Efficiency

Residential maps that also include the facility information of police and fire departments, as well as companies that provide electricity, natural gas, and other public utilities, are made to order. We edit information to tailor to various uses, and provide easy-to-use maps that match the usage needs of our customers.



Disaster Prevention Maps Applied to Regional Features

We produce various disaster prevention maps reflecting risk levels by regions, such as integrated prevention map delivered to residents and voluntary prevention maps issued by residents.



Publishing Administrative Information Magazines through Public-Private Partnerships

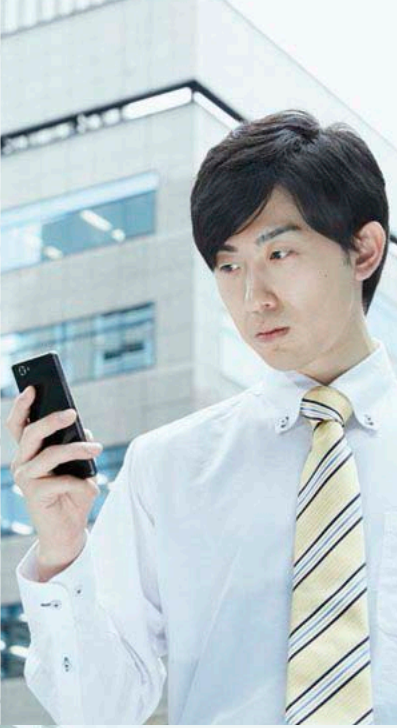
In order to publish administrative information magazines, ZENRIN carries out page editing and design, as well as ad solicitation, and local governments provide various kinds of data, including information on administrative procedures. Through strong partnerships with local governments, we are providing information useful to the lives of residents.



Residential Map Printing is Available at Convenience Stores Nationwide

Users can print residential maps at domestic convenience store chains. (Seven-eleven, Lawson, Family Mart, Circle K, Sunkus) by multi-function copy machines located in all shops and enabled to apply urgent demands on travel at reasonable price 300 yen.

GIS Business

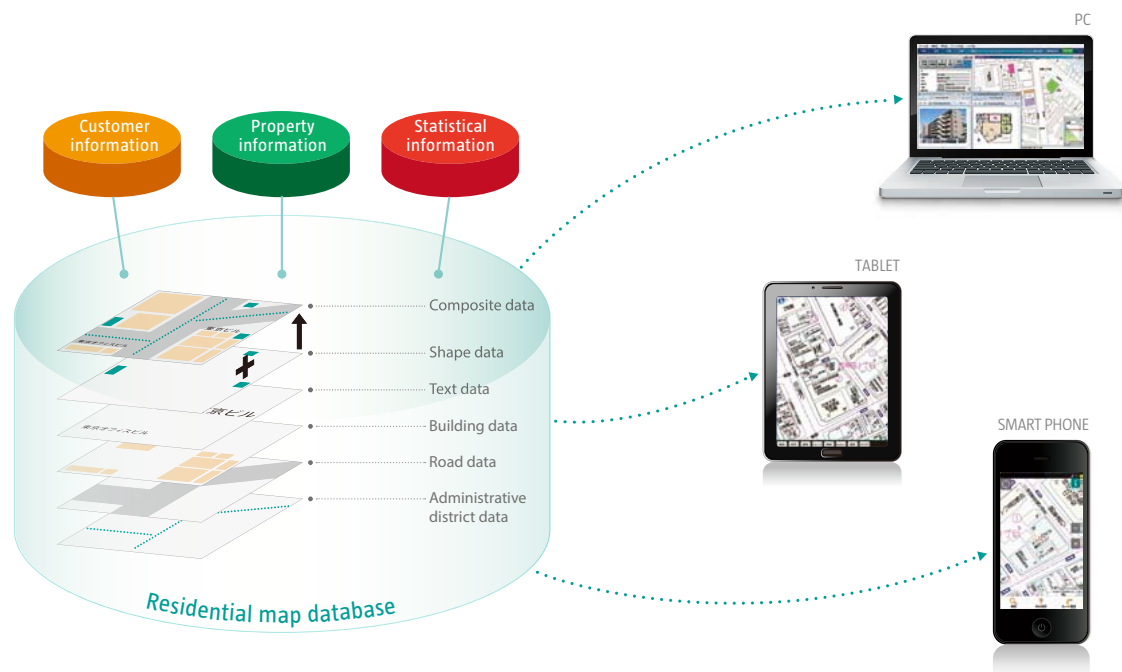


Integrating detailed map information with accumulated business data to help increase our clients' business efficiency.

We make GIS more accessible by promoting planning and development for services and contents with map information.

*GIS stands for Geographic Information System

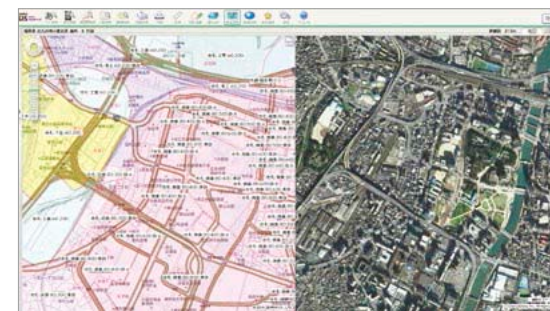
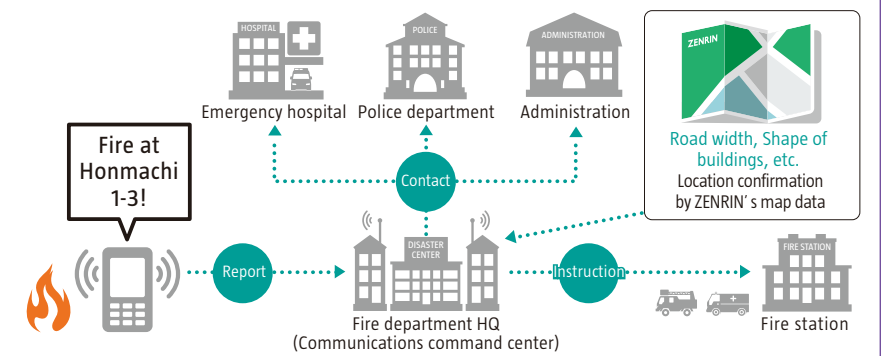
Our GIS business provides services and contents to enhance efficiency and support problem solution for clients. This service is used in various business situations in public organizations and private companies.



Usage Situation

Use by public institution: Fire department

Detailed map information including name of resident, road width, and building shape, is used for activities to protect the safety of residents, for example, in the case of an accident, from site confirmation to support movement of emergency vehicles.



ZENRIN GIS Package
GIS application which provides business-oriented information. This application contributes to reduce workload and time in real estate and construction fields.



Residential Map Data
Individual building names and other detailed information are input as data in vector format for each layer.



Residential Maps for Smartphones
We provide services that allow nationwide residential maps to be viewed with smartphones.



Land Information Data
Cadastral districts, lot numbers, and other information shown on bluemaps are input as data in vector format.



Marketing Content
We create administrative district data and each buildings pinpoint data from map information.

ICT Business



Innovative communication technologies, providing map information to various services and devices.

We produce contents as the basis of location information services satisfying needs of various device manufacturers and servicers.

*ICT stands for Information and Communication Technology

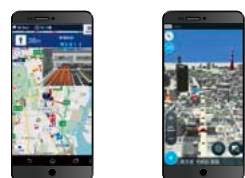
Map use by smartphone has already become common and ordinary. ZENRIN provides location information contents to various services and devices such as portal sites and location information for mobile / smartphones since we started map information delivery service in 2000. We have created new values as a partner in daily life and business fields providing map information in order to satisfy customer needs.

Map Data Supply to All Media

We provide map information to portal sites and internet maps. Map data is available through various media through information processing by respective purposes.



Portal Site and Internet map (Its-mo NAVI, Google map, Yahoo! map, etc.)



Map information service for smartphone (ZENRIN Its-mo NAVI(Multi), ZENRIN Its-mo NAVI(Drive), etc.)

Indoor Navigation

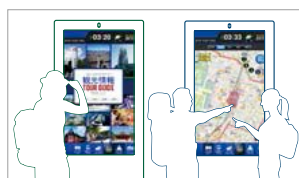
Indoor navigation provides pinpoint guidance enhancing the follow up for indoor and underground areas.



Navigation for Pedestrians

Growing Ranges

We support user's action to apply acceptance of more foreign tourists to Japan through multilingual maps.



Tour guide by digital signage



Multilingual maps (English, Chinese, Korean)

Data supply for 3D City Models for construction industries, VR, simulation and game usage.



Scenery of Yokohama accurately reproduced by 3D City Models

ITS Business



We evolve car navigation map information to obtain accuracy and authenticity. We support safer and more relaxed mobility.



We provide highly accurate and up-to-date map databases that contribute to the evolution of car navigation services.

*ITS stands for Intelligent Transport System

ZENRIN has innovated car navigation map development and launched an digital maps for the world's first GPS navigation in 1990. Since then, we constantly contribute to the progress of ITS. Now we provide map information to car navigation systems for various manufacturers as an indispensable item in support of safe driving.

Data Supply for Various Navigation Systems

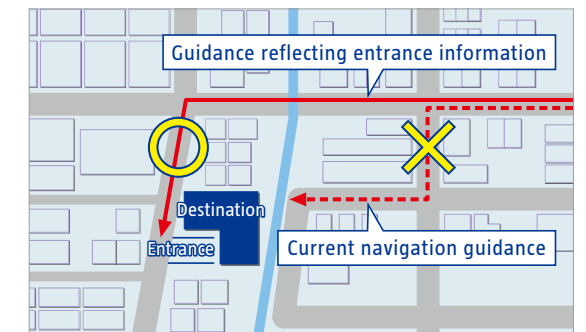
ZENRIN produces data for destinations, roads, traffic regulations, etc. through actual on-road research in order to maximize data accuracy. We provide this data, adjusting to the demand and requests of manufacturers.



*montage photo showing active status

Door-to-Door Guidance

Current car navigation system has defects that its guidance stops around the destination before arrival. ZENRIN is collecting entrance location of each facility to improve this feature.

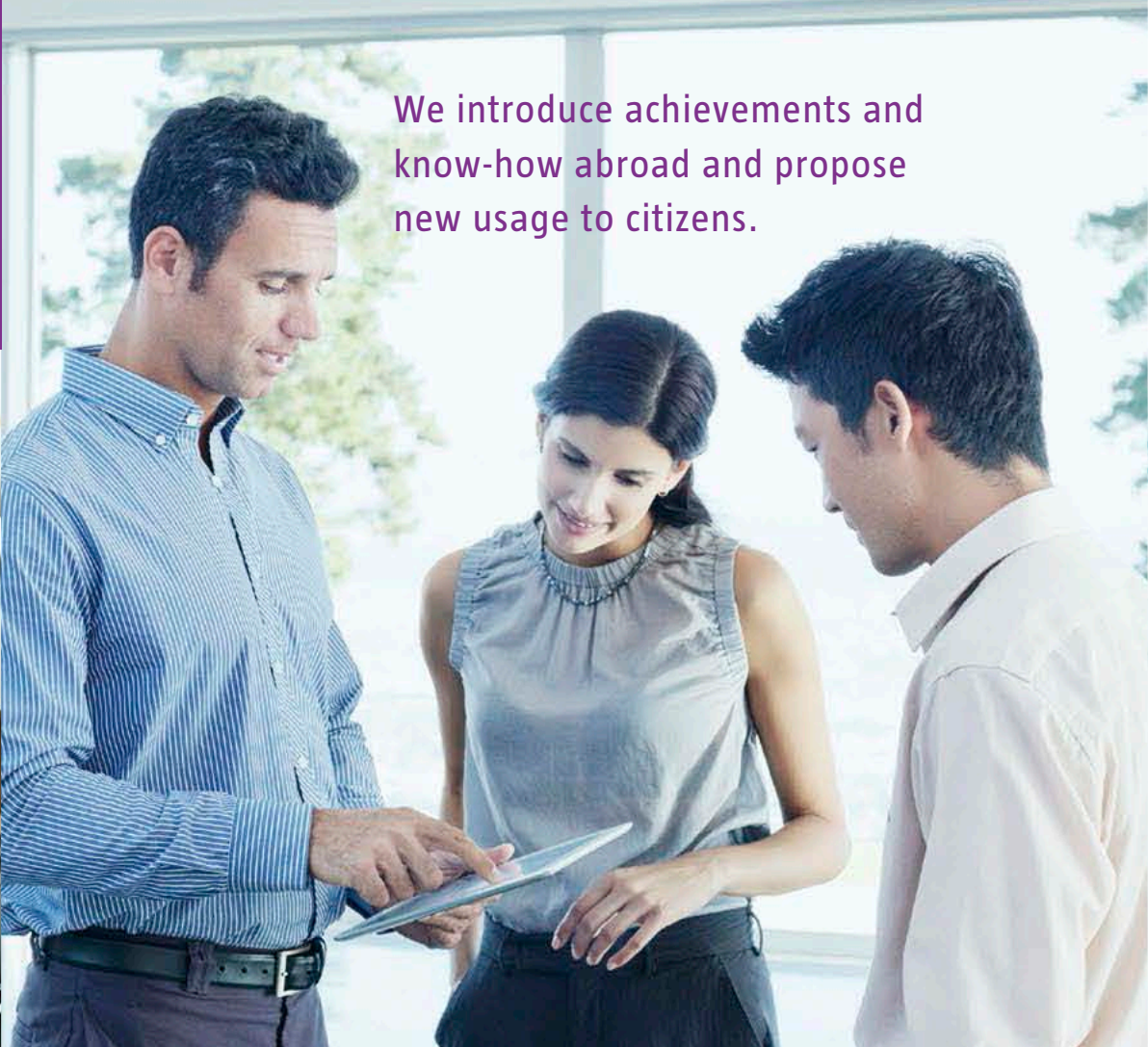


Global Business

We introduce achievements and know-how abroad and propose new usage to citizens.

Other Businesses

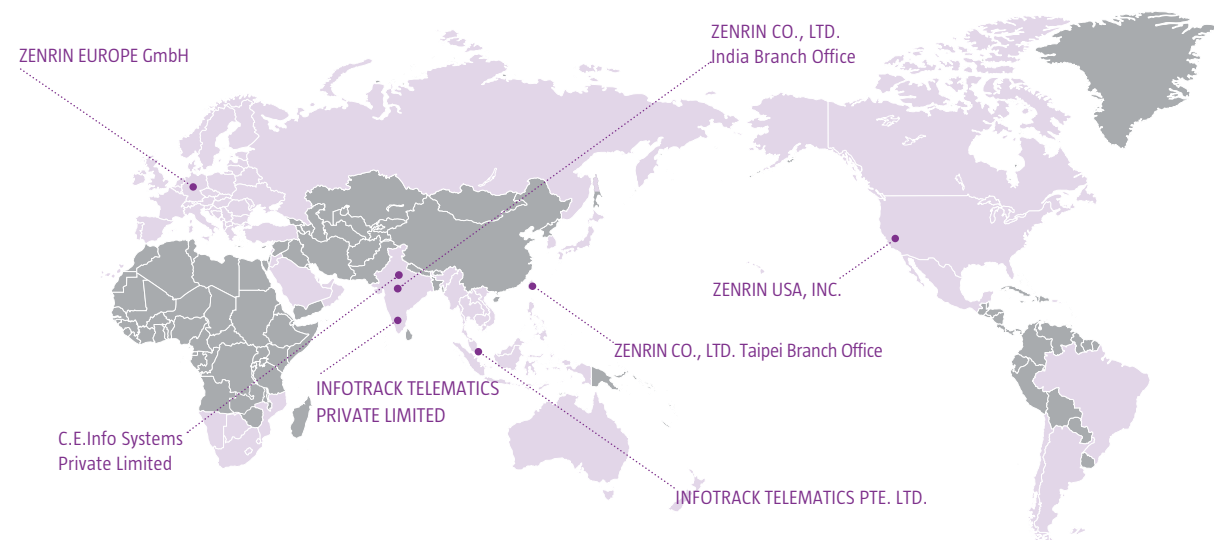
We create synergy by providing new products and services.



Globalize ZENRIN's presence outside of Japan.

We expand our global business by partnering with local mapping companies in Asia.

We are now globalizing our field of action with our experienced know-how. Various contents, such as Map Data, Exit Data, Brand Icon, have been provided for navigation systems, GIS, and other devices in Europe, North America and Asia. Especially for India, we provide sales and technical support to local companies, to expand the usage of maps in the region.



...Countries and regions where ZENRIN supplies map data, editing, processing, and other companies' map data, and provides technical and sales support

We are constructing highway junction view images in 34 countries in the world.

Ireland, USA, United Kingdom, Italy, India, Indonesia, Austria, Sweden, Spain, Slovakia, Thailand, Taiwan, Czech, Denmark, Germany, Norway, Hungary, Philippine, Finland, France, Brunei, Vietnam, Belgium, Polska, Portugal, Malaysia, Myanmar, Laos, Luxembourg, Russia

We provide general commercial printing and other services linked to map business.

General Commercial Printing



With all-in-one integrated capability from planning and production to printing and processing, we provide printed items and services that satisfy our customers.

Digital Signage



We provide solution services utilizing digital signage, from planning, production, and sales of digital signage equipment.

DM delivery / Enclosed Advertisement ("Inship") Production



ZENRIN BIZNEXUS proposes strong and effective promotion through DMs and enclosed "Inship" advertisements.

Environment, Social Contribution, Sports Promotion

ZENRIN helps its customers to enjoy rich and satisfying lives, continuously increases its corporate value, and strives to earn trust by conducting sound corporate activities with respect for the global environment and society.

Environmental Efforts

Environmental Philosophy

ZENRIN CO., LTD., under the slogan, "We act with sensitivity to the preservation of the global environment in all aspects of corporate activities." aims to harmonize its corporate activities with the global environment, be proactive about environmental preservation, and fulfill its social responsibilities as a good corporate citizen should.

Environmental Policies

ZENRIN CO., LTD. has set down the following environmental policies and is working to achieve them through all of its business activities.

- 1. Protection of the Global Environment through Business Activities**
We strive to protect the global environment in our business activities, which are mainly map publishing and provision of map information.
- 2. Efficient Use of Energy and Resources**
We make business efficient, eliminate waste, and reduce consumption of paper, electricity, water, and other resources. We also seek to reduce waste materials and work to lower environmental impact.
- 3. Adherence to Environmental Regulations**
We adhere to various regulations regarding environmental preservation and various agreements on environmental preservation to which ZENRIN is a party.
- 4. Ongoing Environmental Preservation and Pollution Prevention**
We implement efforts aimed at environmental preservation and work to improve them continually, and strive to prevent environmental pollution.
- 5. Promotion of Environmental Education Activities**
We conduct information provision, enlightenment and education activities regarding environmental preservation, and strive to foster environmental preservation.
- 6. Contribution to Local Communities**
With a view to building a rich environment in harmony with nature, we contribute to local communities.

□Eco Mark Certification

Our ZENRIN residential maps and booklets have acquired Eco Mark certification. Our residential map booklets use paper that contains recycled pulp, and the ink and paste materials are easily separated during recycling. The booklets are made so that their parts are easily dismantled for separating and recycling.

□Implementation of Green Purchasing

In order to reduce environmental impact as much as possible we conduct company-wide green purchasing for all office supplies.

□Action for the Global Climate Change Campaign "Fun to Share"

We are voluntarily carrying out energy saving activities such as cool biz / warm biz, joining Global Climate Change Campaign "Fun to Share" which is focusing on low-carbon society.

□Green Fund

We voluntarily keep up "green fund" campaign to reconstruct forests damaged by economic activities and environmental destructions. Funds are donated to parties which is contributing to environment maintenance.

□Introduction of Environmental Management (ISO14001)

ISO14001 is applied to the companies approved by a screening organization after the verdicts regarding environmental improvement programs such as the reduction of environmental load based on their products and services.

ZENRIN acquired ISO14001:2004 as of December 26, 2006 through two-stage screenings after continual effort since June 2006 toward ISO4001.

Social Contribution

■Disaster Assistance

In order to facilitate the earliest relief operations for victims and rehabilitation and reconstruction activities for damaged administrations, ZENRIN has provided free residential maps to the public institutions involved. We have concluded disaster support contracts with 143 public institutions starting from Yokohama City's case in September 2013.

We have worked in cooperation with Yokohama City regarding utilization of digital residential maps for disaster assistance use. This activity was awarded by Minister of Land, Infrastructure, Transport and Tourism. We continue to make efforts to enforce relief for citizens through cooperation with public institutions.



The trial field survey of sewer in Yokohama with digital residential maps.

■ZENRIN MAP MUSEUM

ZENRIN MAP MUSEUM is located on the 14th floor of Riverwalk Kitakyushu, close to Tokiwa Bridge across the Murasaki river in Kokura. This is known as the starting point of survey by Tadataka Ino and had many visitors.

This museum exhibits mid-size map (reproduction by same scale) edited by Tadataka Ino. In addition, other historical maps are selected and displayed among the collection by our second President the late Shinobu Osako. In particular, "Asia shinzu (Asia New Map)" issued in the end of 16th century shows the historical figures of Japan and communicates the recognition and viewpoints of Japan to foreign countries. We provide visitors with cultural and historical background information.



Address: 14th Floor, Riverwalk Kitakyushu, 1-1-1 Muromachi, Kokurakita-ku, Kitakyushu-shi, Fukuoka
Telephone: 093-592-9082
Open Hours: 10am to 5pm (Last admission: 4:30pm)
Closed: Sat., Sun., Holidays, Year-end and New Year holidays, Summer holidays
Admission: Adults (high school students and older), 100 yen (tax incl.); Children (junior high school students and younger), free

■ZENRIN Virtual Museum

Website "ZENRIN Virtual Museum" exhibits historic and monumental map items which were archived by digital solutions, selected from 8,000 internal preserving items. Visitors can experience mapping through evolutions in four district areas in an art museum atmosphere.



Sports Promotion

ZENRIN supports athletes to enhance and activate their global activities

ZENRIN Track and Field Club

We support Shigeo Hatakeyama, a discus thrower representing Japan, Go Chinen, a discus thrower, Kenji Fujimitsu, a sprinter as well.

Shigeo Hatakeyama (Discus Thrower)



Personal best: 60.10m (#2 all-time in Japan)

Major Results

The 83rd - 88th Japan Championships the Discus
7 Consecutive Championships
The 99th Japan Championships the Discus
4th Place

Go Chinen (Discus Thrower)



Personal best: 55.95m

Major Results

The 99th Japan Championships the Discus
3rd Place

Kenji Fujimitsu (Sprinter)



Personal best in 100m : 10.24 seconds
Personal best in 200m : 20.13 seconds
(#2 all-time in Japan)

Major Results

The 2nd World Relays 4x100m 3rd Place
The 99th Japan Championships 200m Winner

Golfer Megumi Kido

ZENRIN supports Megumi Kido, a golfer who is boldly pursuing her goals with a down-to-earth approach.

Major Results

2015: CyberAgent Ladies Golf Tournament 3rd Place
2013: Daikin Orchid Ladies Golf Tournament 3rd Place (Tie)
2012: Samantha Thavasa Girls Collection Ladies Tournament Winner



Giravanz Kitakyushu

We support Giravanz Kitakyushu, a professional soccer team in the J League.

Major Results

2014 J2 5th Place



Adventurer and Race Car Driver Ukyo Katayama (Team UKYO)

We support former F1 driver Ukyo Katayama, who currently carries out environmental activism and social contribution activities, and "Team UKYO."

Major Results / Actual Results

- Motor sports: 2014 SUPER GT Series Champion
- TEAM UKYO CYCLING: 2014 J Professional Tour the overall team championship
- Conducts "Challenge school" — a school to introduce challenging spirit to children who creates future.



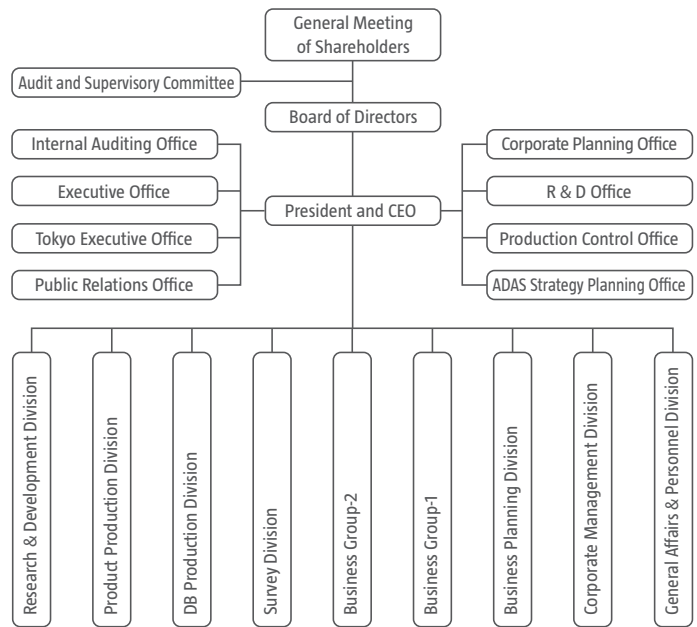
History

1948	Apr	Founder Masatomi Osako established what later became ZENRIN Publishing in Beppu, Oita	
1949	Jun	Published <i>Nenkan Beppu</i> , a tourist pamphlet of Beppu City	
1952	Jun	Published the first residential maps <i>Beppu-shi Jutaku Annaizu</i> (Subsequently handles production of residential maps of all of Japan. Number of residential maps published exceeds one million, covering the entire nation by 1981.)	
1983	Jul	Changed the written form of ZENRIN from <i>kanji</i> to <i>katakana</i>	
	Aug	Absorbed ZENRIN Publishing and Japan Residential Map Publishing, and established the system that made nationwide development as a map information company possible	
1984	May	Jointly established Automatic Residential Map Production System with Hitachi, Ltd., and launched the Residential Map Application System	
1985	Nov	Through collaboration with Hitachi, Ltd., and Shaken Ltd., developed a laser printmaking system that produces plates for direct printing from magnetic tape that is input with character and graphic information	
1986	Mar	Aiming at standardization of car navigation system data formats, the Navigation System Research Association is launched	
	Nov	Developed the map information database "Zmap Digital Map" (CD-ROM) and the "Zmap-PC" software program	
1988	Feb	Began selling "Zmap Digital Map" and "Zmap-PC" software program covering the 23 wards of Tokyo	
1990	Mar	Converted Tenchido Insatsu Seihonsho Bindery (currently ZENRIN PRINTEX CO., LTD., a consolidated subsidiary) to a subsidiary, pursuing business integration and improvement in platemaking and printing efficiency	
	Oct	Developed the world's first dedicated software for GPS car navigation systems	
1991	Oct	Announced "ZENRIN Navisoft," a software package for car navigation that complied with the uniform standards of the Navigation System Research Association	
1992	May	Shifted part of production headquarters (platemaking, printing, and bookbinding departments) to ZENRIN PRINTEX CO., LTD. (a consolidated subsidiary)	
	Dec	Completed the ZENRIN Technocenter in Tobata-ku, Kitakyushu, and located all development headquarters here	
1994	Sep	Listed on the Fukuoka Stock Exchange	
1995	Jan	Released map software for PCs, "ZENRIN Digital Maps '95"	
	Nov	Established a representative office in Dusseldorf, Germany (Established representative office in San Francisco, USA the following year, marking the first operations outside Japan)	
1996	Sep	Listed on the Second Section of the Tokyo Stock Exchange	
1997	Jan	In an effort to increase production efficiency in the digital map business, converted DAIKEI DATA PROCESSING CO., LTD. (now a consolidated subsidiary) and its subsidiaries SHANGHAI DAIKEI DATA PROCESSING CO., LTD. (now a consolidated subsidiary) and DAIKEI DATA PROCESSING (SHENZHEN) CO., LTD. (now a consolidated subsidiary) into subsidiaries	
	Apr	Established the then-consolidated subsidiary, ZENRIN EUROPE B.V., in the Netherlands, as a European foothold for the digital map business	
2000	Apr	Established the consolidated subsidiary, ZENRIN USA, INC., in the US as a North American foothold for the digital map business	
	Apr	Established the consolidated subsidiary, ZENRIN DataCom CO., LTD., to handle Internet distribution of digital maps	
	Jun	Launched ZENRIN Keitai Map, a map distribution service for mobile phones	
2001	Aug	Established the consolidated subsidiary, GEO Technical Laboratory Co., Ltd., to conduct R&D on 3D imaging technologies	
2005	Aug	Launched "ZNET TOWN" residential data delivery service	
	Oct	To address changes in the market environment, dissolved consolidated subsidiary ZENRIN EUROPE B.V., and then established new consolidated subsidiary ZENRIN EUROPE GmbH in Germany as the European foothold for the digital map business	
2006	Mar	Listed on the First Section of the Tokyo Stock Exchange	
2011	Jun	Formed a business and capital affiliation with C.E. Info Systems Private Limited, a large Indian map company	
2013	Apr	Integrated Tokyo head office functions and established Tokyo Head Office	
2014	Oct	Converted Septeni Direct Marketing to a subsidiary, including the company naming change to ZENRIN BIZNEXUS	
2015	May	Announced the Mid - Long Term Business Plan "ZENRIN GROWTH PLAN 2020 (ZGP2020)"	

Corporate Data (as of March 31, 2017)

Corporate Name: ZENRIN CO., LTD.
 Head Office: 3-1 Nakabarushinmachi, Tobata-ku, Kitakyushu-shi, Fukuoka
 Tokyo Head Office: Waterras Tower, 2-101 Kanda Awajicho, Chiyoda-ku, Tokyo
 Established: April 1948
 Incorporated: April 1961
 Representatives: Zenshi Takayama, President and CEO
 Junya Amita, Vice President
 Paid-in Capital: JPY 6.55764 billion
 Number of Employees: 2,960 (consolidated), 1,941 (non-consolidated)
 Industry: Information and communications
 Securities Code: 9474 (Listed on the First Section of the Tokyo Stock Exchange, and Fukuoka Stock Exchange)
 Business Description: Collection and management of a broad range of information, which forms the basis of ZENRIN Geospatial Information, and the production of maps, including residential maps, map databases, and other content. Development of software and services related to ZENRIN Integrated Geospatial System.

Organization Chart (as of April 1, 2017)

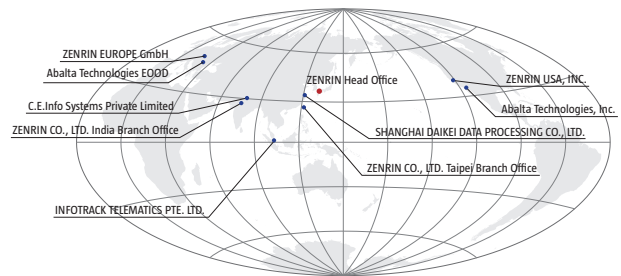


Group Companies (as of July 1, 2017)

9 domestic and 7 overseas

ZENRIN PRINTEX CO., LTD.	Will Smart Co., LTD.
DAIKEI DATA PROCESSING CO., LTD.	ZENRIN USA, INC.
GEO Technical Laboratory CO., LTD.	ZENRIN EUROPE GmbH
ZENRIN InterMap CO., LTD.	Abalta Technologies, Inc.
ZENRIN PlusOne CO., LTD.	SHANGHAI DAIKEI DATA PROCESSING CO., LTD.
ZENRIN BIZNEXUS CO., LTD.	Abalta Technologies EOOD
ZENRIN GEO INTELLIGENCE CO., LTD.	C.E. Info Systems Private Limited
ZENRIN DataCom CO., LTD.	INFOTRACK TELEMATICS PTE. LTD.

Global Network (as of April 1, 2017)



Domestic Network (as of April 1, 2017)

□ Business Group-1 — Publishing and GIS Businesses

- | | | | | |
|--|--|---|---|---|
| <p>Hokkaido Area
Sales Management Department</p> <p>Sapporo Sales Office
Asahikawa Sales Office
Obihiro Service Center</p> | <p>Tokyo Area
Sales Management Department</p> <p>Tokyo Sales Office
Tachikawa Sales Office
Kofu Sales Office</p> | <p>Kanto Area
Sales Management Department</p> <p>Omiya Sales Office
Kumagaya Service Center
Utsunomiya Sales Office
Maebashi Sales Office</p> | <p>Kansai Area
Sales Management Department 1</p> <p>Osaka Sales Office
Nara Sales Office
Wakayama Sales Office</p> | <p>Kyushu Area
Sales Management Department 1</p> <p>Fukuoka Sales Office
Saga Service Center
Kitakyushu Sales Office
Oita Sales Office
Nagasaki Sales Office</p> |
| <p>Tohoku Area
Sales Management Department 1</p> <p>Sendai Sales Office
Yamagata Sales Office
Koriyama Sales Office
Fukushima Service Center
Iwaki Service Center</p> | <p>GIS Tied-up Agent
Sales Management Department</p> <p>Chiba & Ibaraki Area
Sales Management Department</p> <p>Chiba Sales Office
Matsudo Sales Office
Mito Sales Office
Tsukuba Sales Office</p> | <p>Niigata & Nagano Area
Sales Management Department</p> <p>Nagano Sales Office
Matsumoto Service Center
Niigata Sales Office
Nagaoka Service Center</p> | <p>Kansai Area
Sales Management Department 2</p> <p>Kobe Sales Office
Himeji Sales Office
Kyoto Sales Office
Shiga Sales Office</p> | <p>Kyushu Area
Sales Management Department 2</p> <p>Kumamoto Sales Office
Kagoshima Sales Office
Miyazaki Sales Office</p> |
| <p>Tohoku Area
Sales Management Department 2</p> <p>Morioka Sales Office
Akita Sales Office
Aomori Sales Office
Hachinohe Service Center</p> | <p>Kanagawa & Shizuoka Area
Sales Management Department</p> <p>Yokohama Sales Office
Shizuoka Sales Office
Hamamatsu Sales Office</p> | <p>Chubu Area
Sales Management Department</p> <p>Nagoya Sales Office
Gifu Sales Office
Tsu Sales Office
Mikawa Sales Office
Hokuriku Sales Office
Fukui Service Center
Toyama Service Center</p> | <p>Chugoku Area
Sales Management Department</p> <p>Hiroshima Sales Office
Fukuyama Service Center
Okayama Sales Office
Yamaguchi Sales Office
Shimonoseki Service Center</p> | <p>□ Main Subcontractors</p> <p>ZENRIN Tokai Co., Ltd.
ZENRIN San-in Co., Ltd.</p> |

□ Business Group-2 — ICT, ITS, and Global Business

- | | | |
|------------------------|------------------------|-------------------------|
| ICT Sales Department 1 | ITS Sales Department 1 | Global Sales Department |
| ICT Sales Department 2 | ITS Sales Department 2 | |

Consolidated Financial Highlights

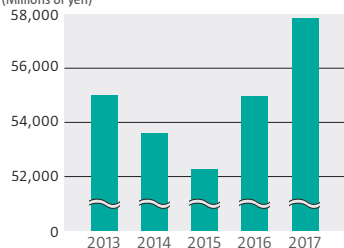
Fiscal Years Ending March 31

(Millions of yen)

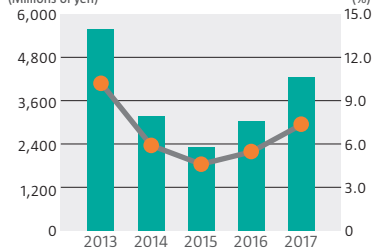
	2013	2014	2015	2016	2017
Net sales	54,991	53,589	52,286	54,970	57,819
Operating income	5,585	3,180	2,389	3,038	4,234
Ordinary income	5,076	3,663	2,751	3,427	4,527
Profit attributable to owners of parent	1,835	1,272	1,464	1,610	2,462
Earnings per share (yen)	49.93	34.77	40.61	44.21	67.11
Return on equity (%)	5.2	3.5	3.9	4.0	6.0
Ratio of ordinary income to total assets (%)	9.3	6.4	4.6	5.7	7.2
Ratio of operating income to net sales (%)	10.2	5.9	4.6	5.5	7.3
Total assets	56,376	57,989	61,322	59,810	65,150
Net assets	37,663	37,939	41,963	41,496	43,463
Ratio of equity to total assets (%)	63.9	61.7	64.4	67.1	64.6
Net assets per share (yen)	984.91	992.03	1,094.70	1,094.22	1,146.51

Net sales

(Millions of yen)

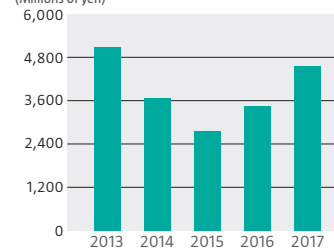
Operating income
Ratio of operating income to net sales

(Millions of yen)



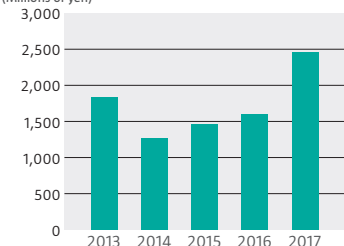
Ordinary income

(Millions of yen)



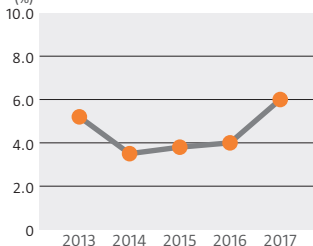
Profit attributable to owners of parent

(Millions of yen)



Return on equity

(%)



Ratio of equity to total assets

(%)

