

Japan Radio Co., Ltd.
Company Profile
2025-2026

JRC Japan Radio Co., Ltd.













Providing Safety and Security to Society To be a True Solution Provider

Since its founding in 1915, Japan Radio Co., Ltd. (JRC) and its Group companies have responded to the diverse needs of customers by providing products and systems that utilize wireless technology.

The world is currently undergoing significant change. Global-scale social issues are becoming increasingly serious. These include natural disasters that are growing more intense due to climate change, the impact of infectious disease outbreaks and conflicts between nations on economic and social activities.

Meanwhile, rapid technological advancements in information technology (IT), such as artificial intelligence (AI) and the Internet of Things (IoT), are completely transforming industrial structures and business models.

Our group will continue to respond to various demands for realizing a sustainable society by leveraging a wide range of wireless technology applications and expanding our reach. We will focus on sensing data and transmitting information for IoT, as well as on creating value from data obtained through the latest IT technologies.

The ability to solve problems using technology is coded into the DNA of the JRC Group. Our management philosophy states that "We, JRC Group shall deliver excellent value and contribute to a bright future for people, society and the world through wisdom and creativity." In keeping with this philosophy, we will continue to contribute to society by solving social issues and providing value to our customers as a "true solution provider that provides safety and peace of mind to society."

We look forward to your ongoing support.



Representative Director and President

Takeshi Koarai

Each and every employee strives to realize JRC group management philosophy through his/her actions.

Management Philosophy

We, JRC Group shall deliver excellent value and contribute to a bright future for people, society and the world through wisdom and creativity.

Management
Philosophy

Basic Policy of
Management

Business Conduct Guidelines

Company Regulations

JRC has established four levels of a code of conduct for our officers, employees, and people we work with.

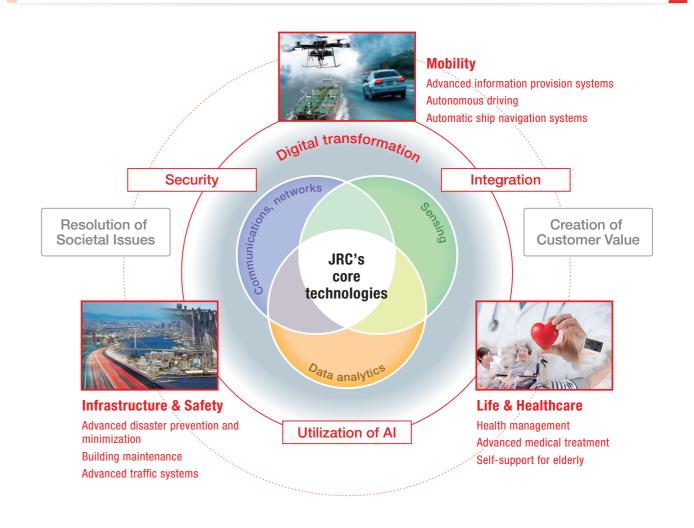
Basic Policy of Management

- · We will use creative and inventive ideas to develop our original and unique technology.
- We will respect each other to build mutual harmony and benefit.
- We will engage in fair and equitable business activities and fulfill our social responsibilities.
- We will get aware of the needs of society and take on a challenge seizing every opportunity, then realize them.

— Business Conduct Guidelines

- Respect for Human Rights
 6. Fair and Transparent Business Practices
- 2. Thorough-Going Compliance
- 7. Boldly Striving Forward 8. Innovation
- 3. Respect for Diversity
- 4. Awareness and Concern towards our 9. Quality Communication
- Environmental Impact
- 5. Safety is the Basis for Everything

Strategic Business Domains



3



- Integrated bridge systems
- Cloud/information services (Ships DX)
- Navigational instruments
- Marine communications equipment
- Fishing equipment

Marine Systems Division

We provide high-performance, high-quality products for the global shipbuilding sector by leveraging our expertise in ship equipment accumulated over many years and advanced technical capabilities related to radio communications. Going forward, we aim to provide safety and peace of mind for autonomous ship navigation.



Marine systems and products







Smart bridge deployment examples



- Information and communication equipment
- Production equipment
- Winding components for xEV power supplies



We contribute to the realization of smart cities, smart factories, and a decarbonized society through specified low-power wireless systems, automatic production line, and electronic winding components for next-generation automobiles.





Electronic paper display tags



Automatic assembly line



- Disaster prevention information systems
- River management systems
- Aeronautical surveillance systems
- Weather radar systems
- Traffic information systems
- Radio broadcasting systems

Solution Business Division

JRC supports the comprehensive implementation of disaster-resilient infrastructure essential to the society. We offer a best solution for various projects based on our highly reliable products.



Land systems and products



Drone-based river monitoring system



Airport meteorological doppler radar



- Ultrasonic medical transducers and probes
- Image processing equipment
- Ultrasonic application equipment
- Analyzers
- Wireless healthcare devices
- · Wireless applied equipment

Healthcare Equipment Business

Ueda Japan Radio Co., Ltd.

We offer advanced medical electronics equipment that meets the high demands of the medical industry, with our core strengths being ultrasonic and wireless technologies.





Portable ultrasound systems



Allergy screening test kits



Systems for monitoring people who need nursing care



- Radar equipment and systems
- Communication equipment and systems
- · Wireless applied equipment and systems

Defense Systems Division

We provide wireless application equipment and systems to Japan's Ministry of Defense. We also aim to expand into the aviation and space industries, which we see as potential growth areas.



Unmanned mobile image transmission systems (unmanned aerial vehicles)



Unmanned mobile image transmission systems (ground stations)



- ETC2.0 equipment for cars and motorcycles
- Connected in-vehicle terminals / TCU
- · High-resolution perimeter surveillance radar
- Multiband mobile radio for Mission Critical Communications
- Distributed Antenna System (DAS) for mobile communications
- Railway systems for safety

Mobility Business

JRC Mobility Inc.

We contribute to society by providing outstanding technology that delivers high productivity for a mobile society in the areas of connectivity, sensing systems and mobile infrastructure.



Equipment for ETC2.0-compatible vehicles



Millimeter wave radar



JRC Mobility

Multiband in-vehicle radio

For details about JRC products, please access the corresponding QR code.

Deploying wireless communication technologies amassed over more than a century to meet the needs of the times.

Since its foundation, JRC has continued creating products at the leading edge. Based on technologies and know-how amassed over more than a century, we have deepened our core technological expertise in such areas as antennas, signal processors, amplifiers, and networks. In the communications field, which has advanced significantly in recent years, we help build a prosperous

society by providing solution-based services that meet the sophisticated needs of society. JRC's R&D mission is to foster the creation of a better society by connecting people, things, and communities. We tackle R&D challenges so that we can contribute to safety and peace of mind in the world.

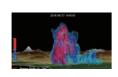
World-leading technologies born through JRC's research and development



Wireless technology advancement: High-capacity communication systems

As part of our efforts to develop high-capacity technology for upgrading infrastructure systems, we have achieved 4096 QAM multi-level modulation in our ultra-high multi-level modulation and demodulation technology. In millimeter-wave broadband transmission technology, we have achieved high-capacity transmission exceeding 5 Gbps in a 60 GHz-band proximity radio system

Going forward, we will work to advance communications by utilizing Al and other cutting-edge technologies, contributing to the realization of next-generation infrastructure systems.



3D Image of Rain Intensity



Antenna Image of Phased Array Radar

Radar system advancement: Phased Array Radar

As the number of extreme weather disasters increases, weather information with high temporal and spatial resolution is required. Our phased array radar achieves high dense observation for the whole sky in 30 seconds. Hereafter, more accurate observation will be required for accurate weather forecasting and resolving mechanism of hazardous clouds. We will solve the requirements by developing dual polarization phased array radar with simultaneously transmitting and receiving horizontal and vertical polarization waves



generation screen

Accurately Ascertaining Information on Surrounding Vessels and Applying it to the Collision Avoidance Routes of Autonomous Ships

In order to generate collision avoidance routes for autonomous ships, it is essential to accurately grasp information on surrounding vessels, including their positions, speeds, and courses.

By leveraging the sensing technologies we have developed over many years, we have established high-precision technologies for obtaining information on surrounding vessels through the fusion of radar, AIS, and other sensor data. Going forward, we will contribute to enhancing the safety and security of autonomous ships.

Quality Assurance

Using exhaustive reliability testing and quality control systems to deliver higher levels of safety and peace of mind.

JRC uses rigorous quality control and stringent reliability and evaluation testing across all phases of its products and systems-development, design, manufacture, and installation—in order to foster safety and peace of mind for customers. We also implement the plan-do-check-act (PDCA) cycle in an effort to offer products that satisfy customers.

Meticulous quality control systems deliver higher levels of safety and peace of mind



Scanning electron microscope

Test samples are irradiated with an electron beam to obtain images with several hundred thousand-fold resolution for detailed surface



X-ray fluorescence spectrometer

This spectrometer can identify the elements from the fluorescence spectrum generated by irradiating a sample with X-rays.



Rapid-rate thermal cycle chambers

This chamber evaluates the reliability of products by subjecting it to repeated stress to determine differences in thermal elasticity when exposed to rapid changes of high and low temperatures.



Temperature and humidity walk-in chamber

Independently controls the temperature and humidity of the chamber and evaluates the environmental durability of devices This chamber's test area dimension is W5.0m x H2.8m x D5.0m



3m method anechoic chamber

This chamber evaluates the reliability of products by measuring electromagnetic compatibility (EMC).

ISMS

Information security

JRC is developing information security activities as a member of the Nisshinbo Group.

We have obtained ISO/IEC 27001 (ISMS) certification*1 for our information security measures, and we work according to this standard. To strengthen our response to external threats, we maintain and improve information security and ensure business continuity by implementing PDCA cycles led by top management

Principal activities

- Provide education on information security through ISMS internal audits and an e-learning system
- Organized CSIRT*2 and joined the Nippon CSIRT Association in 2018
- Support for the detection of, response to, and recovery from information security incident, and prevention of recurrence
- Prevent information leaks due to cyber-attacks and internal fraud
- Minimize damage such as through business interruption

*1: Scope of registered activities:

 Construction, operation, and management of company-wide information systems Design and development of systems based on customer requirements that utilize communications equipment, information processing technologies, and radio-wave (RF) application equipment

Applicable sites: Head Office (Nakano, Tokyo), Nagano and Kawagoe Plants

Computer Security Incident Response Team

Quality Assurance Initiatives

JRC received an ISO 9001 quality management system (QMS) certification in 1994 and made the switch to the new 2015 standards in 2017. In 2018, JRC also received certifications in JIS Q 9100, which are QMSs for specific industrial sectors. Using these QMSs as a base, we are building systems and mechanisms for quality assurance. JRC is securing optimal quality in all business areas from products for private markets, to its marine systems which can endure installation in unique environments. We are also responding to diverse customer needs for a wide variety of products through our weather radars, which are made to customer specifications, and our dam control systems.



Health Management Initiatives

Health Management Declaration

JRC puts the health of its employees first, promotes the development of a rewarding organization for each and every employee, and aims to be a company that is attractive to both itself and others through health.

Health Management Initiatives

We are actively engaged in health management, as we view the health of our employees important not just in the sense of promoting their physical and mental health, but also because it links to the health of the organization, and we are continuously implementing a variety of measures to this end. As a result, the Company has been certified as Health and Productivity Management Corporation (Large Enterprise Category) for six consecutive years.

Individual Health

By analyzing the data from specific health checkups, we promote exercise and sleep education.

Promoting health through walking

We encourage employees to embrace walking as an ongoing habit, as increasing the amount of physical activity through walking helps reduce the risk of lifestyle-related diseases.

JRC's own workplace gymnastics

To prevent health problems and mental disorders caused by VDT work among employees, we conduct our own workplace exercises twice a day throughout the Company.



Sleep hygiene training

We provide e-learning to help all employees gain basic knowledge about sleep. At the same time, employees who have sleep issues based on the results of preliminary questionnaires are given individual sleep training (optional) and followed up for three months for improvement.

· Providing dinner at the company cafeteria (Nagano and Kawagoe offices)

Disaster Description of the Principle of In addition to lunch, the employee cafeteria serves dinner to provide employees with nutritionally balanced meals and to reduce the burden of digestion on the gastrointestinal tract by ensuring an early dinner time.

. Supporting outpatient treatment for smoking

outpatient treatment for smoking cessation, since smoking is associated with many diseases, including cancer, and also causes lung cancer and other health problems not only to the

The health insurance association pays the full cost of

smoker but also to those around him or her.

Environmental Initiatives

We recognize environmental conservation as the most important common concerns for all mankind, and reflect this in all aspects of our business.

Promoting biodiversity conservation activities

As part of its biodiversity conservation activities, since 2022 JRC has made donations to the Tokyo University of Marine Science and Technology, endorsing its research theme of "Collection and Monitoring of Drifting Marine Plastic Litter by Set Net Fishing."



and the transfer to society solutions The Chugoku Branch Office and the Yamaguchi Sales Office participate in "hands-on activities to protect water through afforestation." Or goals are to foster experience of afforestation and deepen understanding of the functions forests play in water source irrigation and the prevention of global warming.



Experiential activity on water protection through afforestation

Utilization of CO₂-free electricity produced in Shinshu

Nagano JRC is partly powered by CO2-free electricity produced by a hydroelectric power plant in Nagano Prefecture. In April 2023, we began purchasing "Shinshu Green Electricity" from Chubu Electric Power Miraiz Co., Inc. We aim to increase the amount of locally produced and consumed CO2-free electricity to help reduce greenhouse gas emissions.



Organizational Health

The following initiatives are being implemented to improve productivity, increase employee motivation, and prevent employee turnover.

Stress checks

Based on the results of stress checks, we analyze individual stress levels and risks by department. Through collaboration among in-house specialists such as industrial physicians and public health nurses, as well as workplace personnel, we work to reduce individual stress levels and improve workplace environments.

. Women's health education

To help women remain healthy and maintain high job performance, it is essential that they and those around them have correct knowledge of women-specific health-related issues and take appropriate actions. We offer e-learning to foster understanding and action in this regard.

Regular health checkups and disease prevention

All employees undergo regular health checkups to aid in the early detection and treatment of illnesses, as well as helping prevent or slow the progression of illnesses based on the results of the checkups.

Mental health measures

We believe that management supervisors are the key people to creating comfortable workplaces (fostering a sense of security and a highly productive workplace). Accordingly, we provide "care by the line" e-learning for department heads and group heads. The objective is to acquire the knowledge necessary to care for subordinates, and to learn how to respond to consultations from subordinates and as a workplace organization.

Fulfilling our obligation to ensure safety

While taking into consideration the needs of the times, we engage in detailed work-related considerations to protect the safety and health of our employees and help them to play an active and vibrant role in the Company.

· Maintaining administrative standards on highly burdensome work

As part of the Nisshinbo Group, we have created unified management standards for overseas assignments, hazardous work, late-night work, and other highly burdensome work

. Measures to prevent passive smoking To reduce the harmful effects of tobacco, which is implicit in many diseases, we work to prevent passive smoking by providing segregated

smoking areas and restricting smoking hours.

Health management support for expatriates and business travelers

For employees posted overseas, medical checkups and interviews with industrial physicians are conducted before and after returning from overseas assignments. Short-term overseas business travelers are required to submit a medical questionnaire before and after their trips, and industrial physicians or nursing staff provide information as necessary. From a safety standpoint, we offer employees who need follow-up checks support through interviews and phone calls.

Regional and social activities

JRC contributes to sustainability and longevity of society, which is confronted with various challenges, including a low birthrate and aging population.

Disaster Prevention and Radio Craft Workshop

The Disaster Prevention and Radio Craft Workshop is a place where children are carefully taught the importance of disaster prevention and the fun of making things. The workshop provides practical learning, including the creation of My Timeline*, with the aim of eliminating the number of delayed evacuations. This program provides a valuable opportunity to learn about life-saving disaster prevention through hands-on experience with how to gather information using radar and the Internet, and how radios and wireless systems work.

As they play, children acquire knowledge and skills that help them prepare for disasters such as earthquakes and floods, taking steps toward building a safer society.



Learning how to solder, with the support of a staff membe



Listening to the sound of a disaster prevention radio



Creating My Timeline while looking at a hazard map

Life

My Timeline started as part of the government's "zero delayed evacuations " initiative by the "Everyone Timeline Project" of the Shimodate River Office of the Ministry of Land, Infrastructure, Transport and Tourism. Under this initiative, each resident creates a timeline to compile and organize their own standard disaster prevention actions to be taken when river levels rise due to an approaching typhoon. The timeline is to be used as a checklist of actions to be taken and as a tool to support decision making in the event of floods with severe time constraints, thereby contributing to the goal of zero delayed evacuations.

9

JRC's commitment to a sustainable future

Expanding our service network in Japan and overseas.

International Business Bases & Main Subsidiaries

Asia

Manila Branch

Unit 603 Liberty Center 104 H V Dela Costa Street Salcedo Village, Makati City, Manila, Philippines

Phone: +63-2-8886-4185,+63-2-8884-8767 Fax: +63-2-8844-6812

Hanoi Representative Office

Hanoi Tung Shing Square, Unit 802, 8th floor, 2 Ngo Quyen Street, Hanoi, Viet Nam

Phone: +84-24-3936-2500 Fax: +84-24-3936-2498

Taipei Representative Office

5-4F, No.50, Sec.4, Nanjing E. Rd., Songshan Dist., Taipei City 105, Taiwan, R.O.C. Phone: +886-2-2571-3100 Fax: +886-2-2571-2999

PT. JRC SPECTRA INDONESIA

ATRIA@SUDIRMAN, 20th Floor, Jalan Jenderal Sudirman Kav.33A, Jakarta 10220, Indonesia Phone: +62-21-573-5765 Fax: +62-21-573 5691

JRC (Shanghai) Co., Ltd.

Pudong, Shanghai, China 201206

Phone: +65-812-312-44

Phone + +60-750-964-35

Phone: +82-51-714-1862

Floor 9-A Building C2, Shanghai International Trade Center, 1599 New Jinqiao Road,

No.12, Jalan SILC 1/8, Kawasan Perindustrian SILC, 79200 Johor Bahru, Malaysia

Phone: +86-21-2024-0607~0610 FAX: +86-21-2024-0611

Alphatron Marine Systems Pte Ltd.

Alphatron Marine Systems Sdn Bhd

Alphatron Marine Korea Co., Ltd.

240, Jungang-daero, Dong-gu, Busan 48732, Korea

59 S. Tuas South Avenue, 637418 Singapore, Singapore

New York Sales Office 1 Bridge Plaza North, Suite #275 Fort Lee, NJ 07024, U.S.A.

Phone: +1-201-242-1882 Fax: +1-201-242-1885

San Jose Technical Development Center 1735 Technology Dr, Suite 720, San Jose, CA95110, U.S.A.

Phone: +1-408-217-9832

North America

U.S.A.(Washington D.C.)

1750 Tysons Blvd. Suite 1535. McLean. VA 22102. U.S.A. Phone: +1-703-289-5028 Fax: +1-703-388-0648

Alphatron Marine USA, Inc.

1205 Butler Road, League City, 77573, Texas, U.S.A.

Phone: +1-281-271-4600

South America

JRC do Brasil Empreendimentos Eletrônicos Ltda.

Praia do Flamengo 154 CJ.101 Flamengo Rio de Janeiro RJ Brasil CEP22210-906

Phone: +55-21-2220-8121 Fax: +55-21-2240-6324

Alphatron Marine Caribbean B.V.

De Rouvilleweg z/n, Willemstad, Curação

Phone: +5999-788-9953

Europe

223, Syngrou Avenue & 2, Tralleon Street 171 21 Nea Smyrni, Athens, Greece

Phone: +30-210-9355061, 9355661 Fax: +30-210-9355611

Alphatron Marine B.V.

Schaardijk 23 Harbour 115 3063 NH Rotterdam The Netherlands

Phone: +31-10-453-4000

Alphatron Marine Belgium BVBA

Nieuwe Weg 1, B-2070 Zwijndrecht, Belgium Phone: +32-3-685-2196

Alphatron Marine France SAS

1720 Avenue de la Plaine, 06250 Mougins, France

Phone: +33-4-93-75-19-93

Alphatron Marine Deutschland GmbH

Verbindungsweg 23d, 25469 Halstenbek, Germany

Phone: +49-4101-37710

Alphatron Marine Poland Sp. Z o.o.

ul Bialowieska 6B 71-010 Szczecin Poland

Phone: +48-91-43-10-452

Alphatron Marine Iberia S.L.

Calle de los Manzanos 34 28703 Madrid Spain

Phone: +34-674-117-132

Fiskarvik Maritime Senter Hovlandsveien 52 4374 Egersund Norway

Phone: +47-51-46-43-00

Domestic Sales Bases

Head Office, Office, Plant

Head Office

Nakano Central Park East, 10-1, Nakano 4-chome, Nakano-ku, Tokyo 164-8570

Phone: +81-3-6832-1721 Fax: +81-3-6832-1844

Mitaka Office

21-11, Mure 6-chome, Mitaka-shi, Tokyo 181-0002 Phone: +81-422-45-9183 Fax: +81-422-46-3886

Tatsumi Office

7-32, Tatsumi 1-chome, Koto-ku, Tokyo 135-0053 Phone: +81-3-5534-1213 Fax: +81-3-5534-1199

Kawagoe Plant

1-12, Fukuoka 2-chome, Fujimino-shi, Saitama 356-8580 Phone: +81-49-257-6220 Fax: +81-49-257-6159

Nagano Plant

834, Inasatomachi, Nagano-shi, Nagano 381-2289 Phone: +81-26-214-6910

Kanto Logistics Center

Mitsui Fudosan Logistics Park Hino, 1-1, Asahigaoka 3-chome, Hino-shi, Tokyo 191-0065 Phone: +81-42-589-1521

Marine Systems Division

Hakodate Branch

Phone: +81-138-22-5855 Fax: +81-138-27-1477

Sapporo Sales Office

Phone: +81-11-261-8339 Fax: +81-11-261-3879

Wakkanai Sales Office

Phone: +81-162-22-7597 Fax: +81-162-22-3653

Hachinohe Sales Office

Phone: +81-178-33-5222 Fax: +81-178-34-3891

Sendai Branch

Phone: +81-22-781-6173 Fax: +81-22-299-6261

Yaizu Sales Office

Phone: +81-54-629-4830 Fax: +81-54-628-9153

Kansai Branch

Phone: +81-6-6344-1633 Fax: +81-6-6344-1681

Kochi Sales Office

Phone: +81-88-883-8871 Fax: +81-88-885-3297

Phone: +81-92-262-2141 Fax: +81-92-262-2161

Nagasaki Sales Office

Phone: +81-95-861-8148 Fax: +81-95-862-8944

Kagoshima Sales Office

Phone: +81-99-250-6161 Fax: +81-99-250-6151

Solution Business Division

Hokkaido Regional Branch

Phone: +81-11-261-8321 Fax: +81-11-261-3879

Aomori Sales Office

Phone: +81-17-774-2321 Fax: +81-17-774-2334

Iwate Sales Office Phone: +81-19-654-3288 Fax: +81-19-622-4679

Tohoku Regional Branch Phone: +81-22-781-6171 Fax: +81-22-299-6261

Akita Sales Office

Phone: +81-18-823-7455 Fax: +81-18-823-7460

Saitama Sales Office

Phone: +81-48-710-7333 Fax: +81-48-710-7335

Kanto Regional Branch

Phone: +81-422-40-1225 Fax: +81-422-40-1229

Kanagawa Sales Office Phone: +81-45-541-2341 Fax: +81-45-545-0245

Niigata Sales Office

Phone: +81-25-257-1711 Fax: +81-25-257-1733

Toyama Sales Office

Phone: +81-76-475-4860 Fax: +81-76-475-4860

Isikawa Sales Office

Phone: +81-76-291-4351 Fax: +81-76-292-1826

Fukui Sales Office

Phone: +81-776-24-9383 Fax: +81-776-24-9388

Hokushinetsu Regional Branch

Gifu Sales Office Phone: +81-58-214-7505 Fax: +81-58-214-7510

Phone: +81-26-214-7519 Fax: +81-26-214-7494

Shizuoka Sales Office

Phone: +81-54-353-0138 Fax: +81-54-352-3354

Chubu Regional Branch

Phone: +81-52-959-5901 Fax: +81-52-959-5908

Kansai Regional Branch

Phone: +81-6-6344-1637 Fax: +81-6-6344-1714

Hyogo Sales Office

Phone: +81-78-321-2431 Fax: +81-78-391-6760

Sanin Sales Office

Phone: +81-852-27-6994 Fax: +81-852-22-1101

Okayama Sales Office

Phone: +81-86-243-3700

Chugoku Regional Branch

Phone: +81-82-224-5551 Fax: +81-82-224-5599

Yamaguchi Sales Office

Phone: +81-83-923-7857 Fax: +81-83-923-2906

Shikoku Sales Office Phone: +81-87-823-4720 Fax: +81-87-823-2443

Ehime Sales Office Phone: +81-89-958-3290

Kyushu Regional Branch

Phone: +81-92-262-2121 Fax: +81-92-262-2161

Phone: +81-952-29-4535 Fax: +81-952-29-4535

Saga Sales Office

Nagasaki Sales Office

Phone: +81-95-861-8148 Fax: +81-95-862-8944

Kumamoto Sales Office Phone: +81-96-369-9200 Fax: +81-96-369-9222

Oita Sales Office

Phone: +81-97-538-1700 Fax: +81-97-538-5900

Miyazaki Sales Office Phone: +81-985-23-6110 Fax: +81-985-23-6054

Kagoshima Sales Office

Phone: +81-99-250-6161 Fax: +81-99-250-6151

Okinawa Sales Office Phone: +81-98-835-2225 Fax: +81-98-835-2261

Defense Systems Division

Tokyo branch office

Phone: +81-3-4446-7862

Group Companies

Nisshinbo Holdings Inc.

Nagano Japan Radio Co., Ltd. Ueda Japan Radio Co., Ltd.

JRC Tokki Co., Ltd.

Japan Radio Glass Co., Ltd.

As of June 25, 2025

JRC Engineering Co., Ltd.

JRC Mobility Inc.

JRC MARINFONET Co., Ltd. JRC System Service Co., Ltd.

10 11 Company Data

As of 31 December, 2024

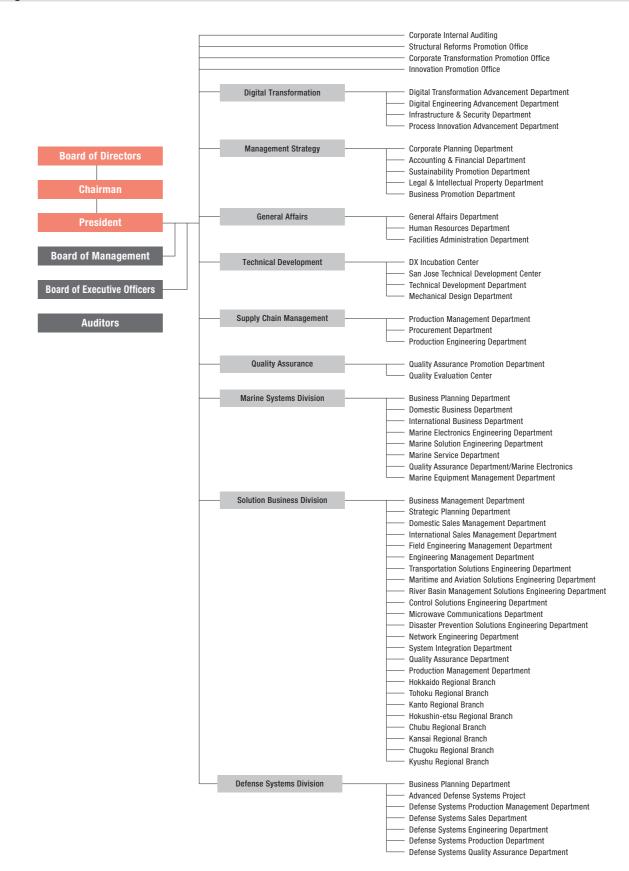
Trade Name : Japan Radio Co., Ltd. Head Office : NAKANO CENTRAL PARK EAST, 10-1, Nakano 4-chome, Nakano-ku, Tokyo 164-8570 Phone: +81-3-6832-1721 Mitaka Office : 21-11, Mure 6-chome, Mitaka-shi, Tokyo 181-0002 Phone: +81-422-45-9183 : December 1915 Founded Paid-in Capital : 14.704 millions of Yen Number of Employees : 5,456 (Consolidated) : 148,290 millions of Yen Net Sales (Consolidated) Classification of Business: Manufacture and Sale of Radio Communication Equipment Parent Company : Nisshinbo Holdings Inc.

Board of Directors

As of 26 March, 2025

Chairman of the Board · · · · · · Kaichiro Sakuma Executive Officer · · · · · · Mitsuharu Miyata Representative Director and President · · · · Takeshi Koarai Executive Officer · · · · · · Shintaro Inoue Executive Officer · · · · · Naoya Hiraki Director and Executive Officer · · · · · Takuya Noda Director · · · · Yasuji Ishii Executive Officer · · · · · · · Yuji Kinoshita Director · · · · · Hiroyuki Wakabayashi Executive Officer · · · · · · Nobuhiro Yoshikawa Standing Corporate Auditor · · · · · · · Osamu Nagashima Executive Officer · · · · · · · · · Akira Yamada Auditor · · · · · Kenichi Morita Executive Officer · · · · · · · · · · · · · Hideharu Matsubara Executive Officer · · · · · · · · · · · · · · · · Haruhiko Oba Executive Officer · · · · · · · · · Akira Nakagawa Executive Officer · · · · · · · Masayuki Kobayashi Executive Officer · · · · · · · · Kazuho Tsukamoto Executive Officer · · · · · · · · Ryo Sakuma Executive Officer · · · · · · · · · Hiroshi Kumagai

Organization Chart As of 1 April, 2025



13

12

Our first step in 1915 connects to the world now.

History		Project	History		Project
Dec. Anonymous Association, Nippon Radiotelegraph Manufacturing Co. is founded.	1915		Jan. Our capital surpasses 10 billion yen.	1990	Mar. The world's first "Automotive GPS receiver for car navigation" debuts.
	1916	Dec. "Nippon Radio quenched spark radiotelegraph unit,"our first product, is developed.		1991	Sep. "A new series of radio communication equipment for the GMDSS" is developed.
Mar. Nippon Radio Telegraph Manufacturing & Co., Ltd. is founded.	1917			1993	Feb. We delivered our first mobile telephone for domestic market.
	1918	Sep. Our first "vacuum tube" is developed.	Apr. Japan Radio Company (HK) Limited is founded.	1994	
Feb. The company is reorganized as Nippon Radio Telegraph and Telephone Co., Ltd.	1920		Jul. We introduce its system of independent divisions.		
	1922	Feb. Japan's first "radio for weather broadcasting" is developed.	Jun. LPA (Linear Power Amplifier) factory opens.	2000	
	1923	Dec. Japan's first "500W vacuum tube type transmitter" is developed.	Oct. MARINFONET CO., LTD. (current JRC MARINFONET CO., LTD.) is founded.		
Apr. A contract on capital and technology is concluded with TELEFUNKEN GmbH in Germany.	1924	Jun. Development of radio parts and radio receiver commences.	Dec. The head office relocates to Nishishinjuku, Shinjuku-ku, Tokyo.	2002	
Jan. Our headquarters and factory relocate to newly constructed facilities in Osaki, Tokyo.	1930	Dec. Our "new style of radio receiver"wins first prize		2006	Oct. "JRM-11 Series ETC automotive equipment for motorcycles" is released.
		in the National High-grade Radio Receiver Prize Competition Exhibition.		2008	May The world's first "MED approval for marine radars conforming to the new
	1932	Mar. Fully nationalized "500W power broadcasting transmitter" is developed.	Aug. The head office relocates to Ogikubo, Suginami-ku, Tokyo.	2009	IMO radar performance standard" is acquired.
Jul. Our factory relocates to newly constructed facility in Mitaka, Tokyo.	1938		Dec. We become a consolidated subsidiary of Nisshinbo Holdings Inc.	2010	Jun. The world's first "9GHz band 300W marine solid-state radar" with
D	1939	The world's first "cavity magnetron" is developed.			a narrower radar band is developed.
Dec. Our company name changes to "Japan Radio Co., Ltd."	1942		Nov. A locally incorporated company is established in Shanghai.	2011	Dec. The world's first "S-band/solid state weather radar" is supplied to
Dec. Our new logo is JRC born.	1945		Sep. We issued a plan for "Structural business reforms toward renewed growth."	2012	PAGASA in the Philippines.
Oct. The first state of least Dedic Oc. 144 (accorded to according)	1948	Nov. Japan's first "ultrasonic sounding equipment" is developed.	Dec. Alphatron Marine Beheer B.V. becomes a consolidated subsidiary.	2013	
Oct. The firm restarts as Japan Radio Co., Ltd. (secondary corporation).	1949	May We commercialize a fish finder after demonstrating strong performance	Jul. The head office relocates to Nakano, Nakano-ku, Tokyo.	2014	
Nagano Japan Radio Co., Ltd. is founded.		in fish finding experiments.	Aug. Nagano plant opens.		
Ueda Japan Radio Co., Ltd. is founded.			Dec. The Advanced Technology Center opens.		
Feb. Our stock is listed on the Tokyo Stock Exchange.	1952	Dec. Japan's first "9GHz marine radar"is developed.	Mar. Construction of the production building is completed.	2015	Jul. We release "the world's smallest and lightest S-band solid state radar."
Oct. Osaka Wireless Office Co., Ltd.(current JRC System Service Co., Ltd.) is founded.	1953		Oct. We celebrate the 100th anniversary of its founding.		
May Japan Radio Glass Co., Ltd. is founded.	1954	Mar. Japan's first "weather radar"is developed.	Mar. Nagano Japan Radio Co., Ltd. And Ueda Japan Radio Co., Ltd. becomes wholly owned subsidiary.	2016	
Apr. A technical assistance contract is concluded with TELEFUNKEN in Germany.	1955		May The Marine Service Center opens.		May Japan's first "Compact LTE system" is deliverd to Kyoto University.
Nov. Sasebo Japan Radio Co., Ltd. is founded.	1957				Jul. "JRM-21 ETC2.0 automotive equipment for motorcycles" is released.
Nov. Oddobo odpan nadio od., Etc. io founded.			Aug. Kawagoe plant opens.		
	1960	Feb. The world's first "transistorized LORAN receiver" is released.	Oct. Alphatron Marine Beheer B.V. becomes wholly owned subsidiary.		
Jul. A new head office opens in Toranomon, Minato-ku, Tokyo.		Sep. "A rainfall/water-level telemeter system" is delivered to the Futase Dam.	Jan. PT. JRC SPECTRA INDONESIA is founded.	2017	May New navigation support tool "J-Marine NeCST" is jointly developed.
Oct. Japan Radio Cooperation Association is founded.	1961		Apr. San Jose Technical Development Center opens.		Sep. We delivered a large driving simulator to an automobile manufacturer.
Dec. As a joint venture with RAYTHEON company in the US, New Japan Radio Co., Ltd. is founded.			Jul. Alphatron Marine Korea Co., Ltd. is founded.		
			Oct. JRC becomes wholly owned subsidiary of Nisshinbo Holdings Inc.		
	1964	Aug. Japan's first "simultaneous interpretation system"is delivered.	Jul. ProNav As becomes wholly owned subsidiary.	2018	
Aug. A new Defense Systems factory opens.	4000	"The sound systems for the Tokyo Olympics"are delivered.		2019	Jan. For the first time in the world, phased weather radar was used for the high-speed 3D observation of tornadoes associated with typhoons.
Oct. A laboratory opens.	1968				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	1969	Oct. A "compact, transistor-type marine radar" is developed.			Sep. Began transmitting disaster-related information to digital signage used at underground commercial facilities using Alertmarker+, the first system of its kind in Japan.
	1970 1971	May Our "JAC-120 general-purpose computer system" is released. May Japan's first "real-time signal analyzer" is released.	Mar. Cartified as a Health and Dradustricty Management Corporation 2000 // area Enterprise Cotagon)	0000	Mar. Developed JM-Watcher II, the first app in Japan that helps prevent collisions by
May JRC do Brasil Empreendimentos Electronicos Ltda. is founded.	1971	Aug. Japan's first "Ship Earth Station device for the international maritime satellite system" is developed.	Mar. Certified as a Health and Productivity Management Corporation 2020 (Large Enterprise Category) Note: We have maintained that certification since	2020	providing notice of approaching marine vessels.
may 3110 do brasii Empreendimentos Electronicos Etda. Is founded.	1975	Jun. "An amateur radio receiver"is released.			Jun. We participated in the Nippon Foundation's fully autonomous ship program.
	1977	Mar. "Fully solid-state PCM/PSK multiplex radio communication equipment" is developed.	Jan. The telecommunications equipment business is transferred to JRC Mobility Inc.	2021	Apr. We conducted Japan's first successful video transmission experiment using
Apr. Japan Radio clinic opens.	1982	mai. Tully solid-state i olivi ok mulipiek radio communication equipment is developed.	Jan. The telecommunications equipment business is transferred to site wooling inc.	2021	geostationary satellite connection to local 5G.
May The Saitama plant opens.					Sep. Japan's first Alertmarker+ multilingual translation service begins operation at Kagoshima Airport.
Apr. JRC Engineering Co., Ltd. is founded.	1983	Aug. We achieves the top world share in "Ship Earth Station devices for the			Nov. We succeeded in the world's first autonomous collision avoidance of a small
A new automated production factory opens.		international maritime satellite system."			unmanned aircraft at a relative speed of 200 km/h.
May The head office relocates to Akasaka, Minato-ku, Tokyo.				2022	Jun. We delivered a "multilateration system" to the Vietnam Air Traffic Management Corporation.
	1984	Aug. Japan's first "GPS receiver for ships" is developed.			Jun. We released the "Safety Zone Viewer," a collision danger zone display function.
Oct. JRC Tokki Co., Ltd. is founded.	1985			2023	Apr. We developed the "offshore facility access gangway," Japan's first six-axis motion
Oct. A new factory of manufacturing of printed wiring board opens.	1986				compensator with an overhead bridge.



(1916)



(1939)



Japan's first meteorological radar (1954)



Amateur radio receiver NRD-505 (1977)





ETC automotive equipment for motorcycles JRM-11 (2006)