HITACHI

CORPORATE PROFILE 2025

Hitachi High-Tech Group Website

Hitachi High-Tech Solutions

Hitachi High-Tech Solutions Corporate Information Page

Recruit Information Page

Products/Service Page OT Solution

Hitachi High-Tech Solutions Corporation
URL https://www.hitachi-hightech.com/jp/ja/company/group/hsl/

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Hitachi High-Tech Solutions Corporation

Top Message

Purpose
Supporting people's futures by using sensing and control to solve issues faced by society and our customers.

Vision
Hitachi High-Tech Solutions is a technology and solutions company that aims to harness the capabilities of sensing and control to solve social and customer issues.

Mission
Our wide channels with society and our customers and our highly proficient front-facing capabilities uncover various potential issues they might face. The combination of Hitachi High-Tech's core of "Changing the World and Future with the Power of Knowledge (Observation, Measurement, and Analysis)" with the Hitachi Group's core of "Lumada/Total Seamless Solution Comprehensive Proposal Capabilities (IT, OT and Products)" centered around our core "Sensing & Control Technology + SI* Solutions Business Domain" enable us to create, propose and provide problem-solving ecosystems, helping to overcome human dependence in the manufacturing industry, and contributing to our customers, society, and the environment through achievements in innovation in high-efficiency, energy-saving production processes.

*SI (System Integration): A business that provides analysis and consulting on issues pertaining to customer operations, and comprehensively conducts planning, drafts proposals, develops program, and even selects, implements, and maintains hardware and software for systems

President Masao Haritaya

Board of Directors and Auditors

President
Masao Haritaya

Board Director
Hironobu Hiramatsu

Board Director
Tetsuji Takada

Board Director
Toshio Mikan

Board Director
Naohiko Yamagami

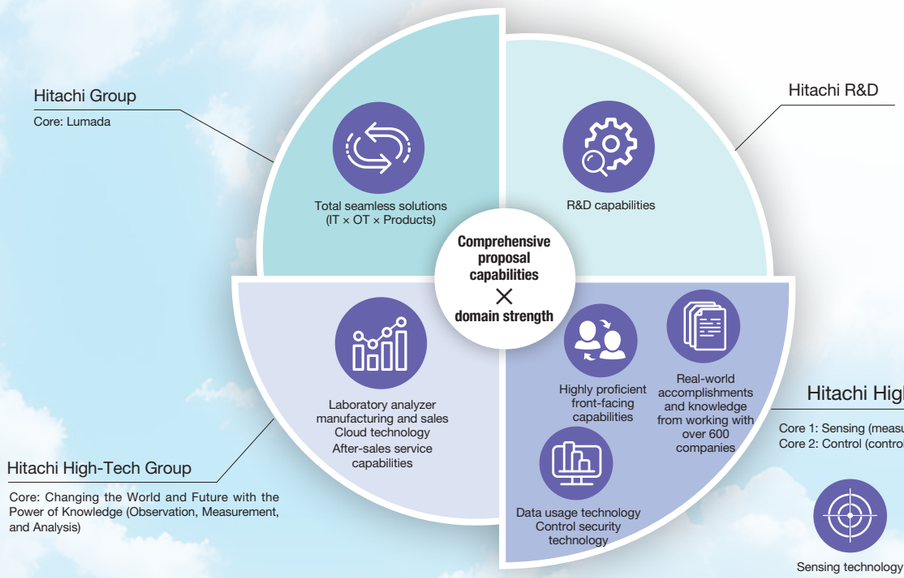
Audit &
Supervisory Board Member
Kenji Makabe

Audit &
Supervisory Board Member
Hiroshi Omura

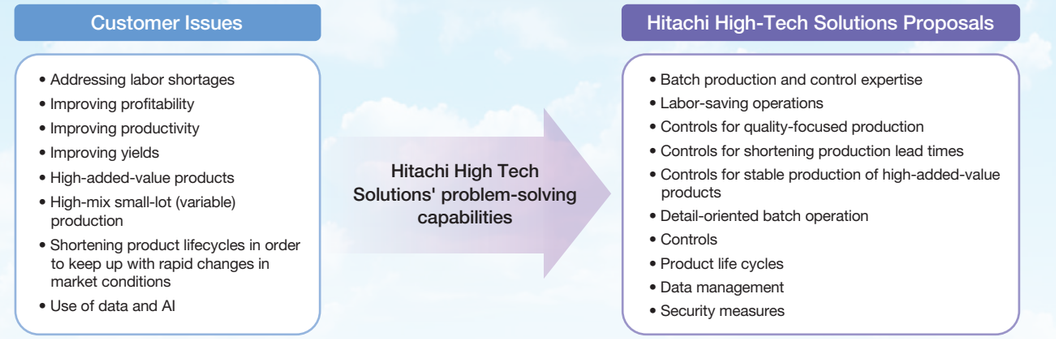
Advantage & Solution

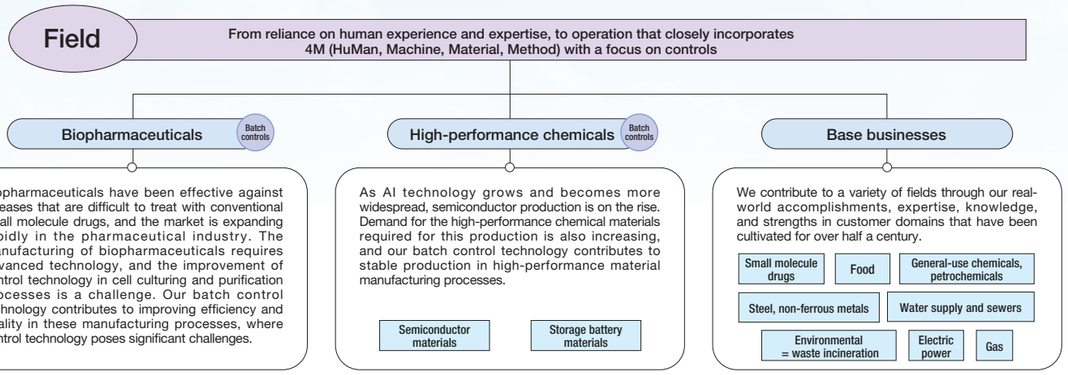
The Strengths of the Hitachi High-Tech Solutions Corporation

What Hitachi High-Tech Solutions Corporation Can Do for You
Sensing (measurement and inspection) + control technology + SI solutions business domain



Social and customer issues





Products & Solution

Manufacturing × DX | Infrastructure × DX

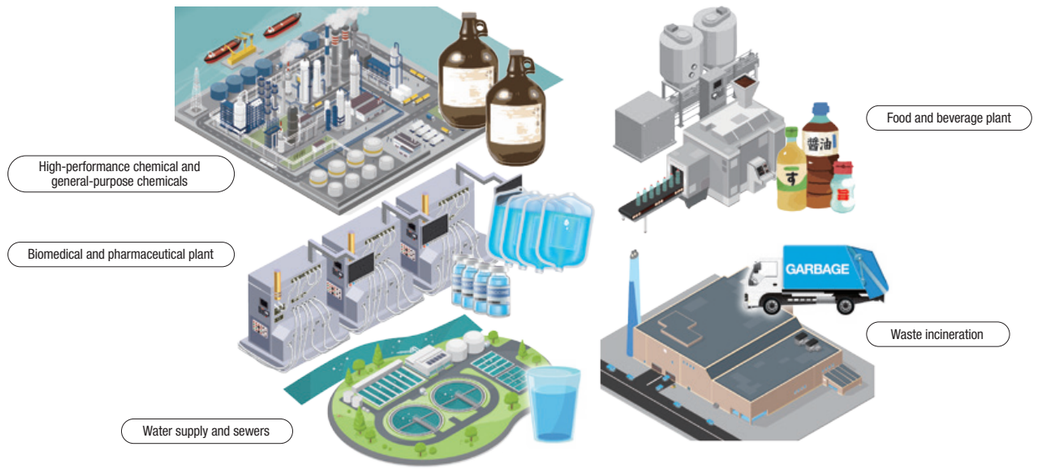
OT Solution

We bring together our functions as a manufacturer and trading company to provide OT solutions

OT : Operational Technology

Manufacturing × **Measurement/control/analysis**
Infrastructure × **Use of data, control optimization**

Control and Operational Technology (OT) has contributed to Japan's economic development since the period of rapid economic growth (around 1954–1973) through the accumulation of plant controls together with control and operational data. The harnessing of data to achieve improved productivity, energy savings and labor savings requires expertise in the three fields of measurement equipment, control systems and data analytics. We work with our customers to solve issues and provide optimal solutions based on our own industry expertise and the knowledge we have gained, including from manufacturing fields such as chemicals, food and beverages, and pharmaceuticals, as well as infrastructural fields such as water supplies and sewerage, gas, electric power, and waste incineration.

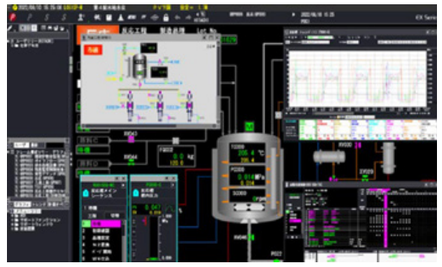


Monitoring and Control Systems

Chemicals | Pharmaceutical | Food and beverage | Environment (waste incineration)

These systems are used in various types of social infrastructure facilities such as chemical, pharmaceutical and food and beverage manufacturing plants, or water, environment-related and power plants. Our monitoring and control systems are for facilities that require complex controls, such as long-term stable operation of process automation, as well as high-mix and variable-volume production. Since 1975 we have a track record of providing comfortable operating environments with operation software that provides great operability and highly reliable controllers. These systems work with a variety of data-driven IoT solutions, including secure remote monitoring, manufacturing control, forecasting and diagnostics, as well as AI control, and contribute to the improvement of customer productivity.

Distributed Control System (DCS) EX-N01A



Manufacturing Execution Systems (MES)

Chemicals | Food and beverage

Our Manufacturing Execution Systems (MES) help with the prevention of operational errors, the streamlining of work and the centralized management of information, at chemical and food manufacturing sites. We provide packages that integrate various instructions and performance management functions at the manufacturing site, extending from the receipt of raw materials through to inventory management, weighing work, and input work.

Manufacturing Execution Systems (MES) Cyber Plant Series

Quality Control Systems (LIMS)

Chemicals | Food and beverage | Petroleum and petrochemical | Iron and steel | Nonferrous metals

The inspection data management system LabDAMS is a Laboratory Information Management System (LIMS) that centrally manages the information handled in analysis and quality inspection operations through the use of a database to improve operational efficiency and reliability.

Laboratory Information Management System (LIMS) LabDAMS

Predictive Diagnostic Systems

Chemicals · Pharmaceutical · Food and beverage · Environment (waste incineration) · Water supply and sewers

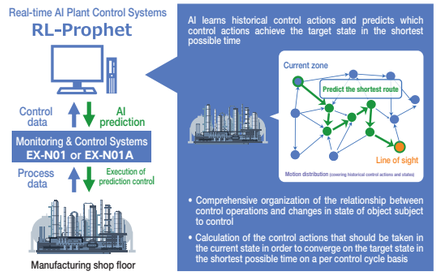
These systems detect “unusual conditions” with a high level of accuracy, while contributing to the early detection of process abnormalities and improving the efficiency of factor analysis. The BD-CUBE predictive diagnostic system is a process data analysis software that utilizes machine learning. It quickly and accurately detects signs of abnormalities in equipment and quality, and shows which areas should be investigated.

Predictive Diagnostic System BD-CUBE

Control optimization (quality improvement/yield improvement)

Chemicals · Pharmaceutical · Food and beverage · Environment (waste incineration) · Water supply and sewers

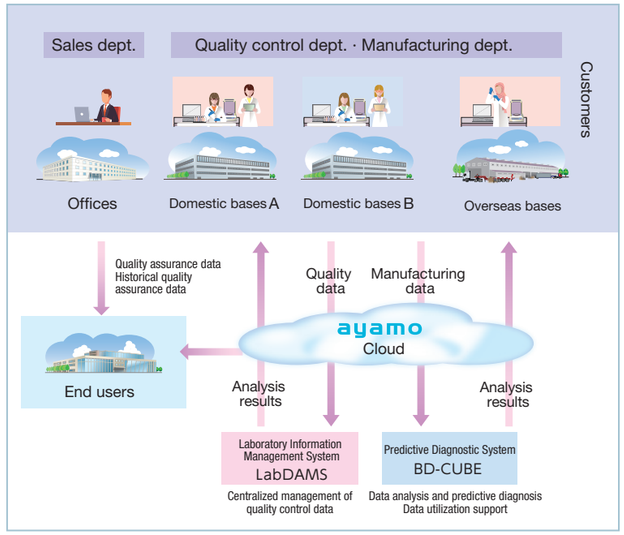
The new reinforcement learning technology developed by Hitachi builds training models based on historical operational data output from monitoring and control systems, and performs process control using AI. This combination of monitoring & control systems and the RL-Prophet AI control system can lead to further improvements in production quality and yield.



Real-time AI Plant Control Systems

Data-driven solutions

We utilize data and the latest technologies (such as AI) to provide new solutions to customers' issues. For example, the customer's product quality data is acquired and centrally managed by the LabDAMS quality management system on a high-security private cloud, where it is shared across the customer's multiple locations and departments in order to prevent quality fraud.
In addition, we assist the customer in using their data using our predictive diagnostic system BD-CUBE. It analyzes the acquired data to detect and notify the customer of signs of drops in quality or equipment failures.



Laboratory Information Management System (LabDAMS) + private cloud service + predictive diagnostic system (BD-CUBE)

Field Instruments/Analyzers

Water supply and sewers · Power generation · Environment (waste incineration) · Gas

We operate in various fields, building on our many years of experience. We strive to ensure stability and reliability that can withstand harsh operating environments.

Multi-parameter water quality meter

Electromagnetic flowmeter

Large diameter type electromagnetic flow meter

Insertion electromagnetic flowmeter

Online PCB monitor

Environment/Process Analysis Equipment

Petroleum and petrochemical · Water supply and sewers · Power generation · Environment (waste incineration) · Gas

In collaboration with the HORIBA Group, we provide air pollution monitoring and water quality monitoring systems for various industries.

Air pollution monitoring instrument

Portable gas analyzer

Industrial water quality meter

Stack gas analyzer

Silica analyzer

Total phosphorus/ nitrogen analyzer

Success Stories

DKS Co. Ltd.

CyberPlant-ChemiFact: Manufacturing Execution System for Chemical Plants

(1)The issue: Optimizing a factory that handles high-mix small-lot production

DKS Co. Ltd. manufactures and sells industrial chemicals and other products. When introducing a manufacturing execution system (MES), they were faced with the challenge of preventing human error and stabilizing quality in the diverse range of manual processes involved in high-mix small-lot production. In addition, the company also planned to use the data it had acquired to review its production processes.

(2)Main reasons for introduction

- Many of the generic functions such as weighing and inventory management are included as standard, making system design easy.
- The company went as far as proposing changes to on-site operations in order to ensure the system could be implemented as effectively as possible and to keep their investment in check.
- They were able to plan quality and productivity improvements thanks to being able to collect various manufacturing-related data on things like raw materials, products and work processes.

(3)What we could solve

Standardizing work through systematization has reduced workers' psychological burden and contributed to stabilizing product quality. The system has also made it possible to gather previously unavailable data, pinpoint problems in production processes and manage raw materials' traceability.

(4) Customer feedback

"From the design phase on through the post-installation support phase, they helped us solve issues from our perspective. We're now looking forward to working with them on our company's adoption of DX, which is a pressing issue for us." (DX: Digital Transformation)

Our company's MES has been adopted at the Yokkaichi Plant of DKS Co. Ltd., where it is realizing quality stabilization through standardization and systemization. With the experience and results gained from using the acquired data to improve productivity, they are also considering rolling out the MES across their other plants.

Benefits

In order to optimize the factory, which handles high-mix small-lot production, it was necessary to standardize operations and visualize production processes.

Being able to standardize generic operation has stabilized quality. The company was also able to use data to visualize production processes.

Sustainability

We are undertaking various initiatives aimed at establishing a sound management base.

Health and Productivity Management Initiatives

We recognize that the health of employees, who are ultimately the ones providing added value, is an important management resource that a company must maintain in order to continue being considered necessary for society. For this reason, we enacted our Health and Productivity Management Declaration in 2021 and are undertaking various initiatives aimed at creating a work environment where our employees can work while maintaining good physical and mental health. Specifically, we are focusing on the three themes of "disease prevention," "mental health" and "work/life balance." These initiatives have received praise and have continued to be certified every year since 2022 under the Certified Health & Productivity Management Outstanding Organizations Recognition Program (large enterprise category) coordinated jointly by Japan's Ministry of Economy, Trade and Industry (METI), and Nippon Kenko Kaigi (Japan Health Council). While continuing to enhance our health promotion system, we will focus on our efforts toward creating a comfortable workplace for everyone.

2025
健康経営優良法人
KENKO Investment for Health
大規模法人部門

Working Style Reform Initiatives

We are implementing various work style reforms and various systems to accommodate diversifying lifestyles and a changing social structure, and to ensure all employees can balance their family life with satisfying work. Specifically, we are promoting the 20-20 project (20 hours monthly average overtime and 20 days of annual leave) aimed at achieving a highly productive work style. In addition, we have set the three priority items of “diverse work styles,” “communication,” and “physical and mental health” with the aim of achieving employee happiness and well-being in both their work and home life.
In order to support the balance between work and family life, we are striving to develop and spread childcare and nursing care systems based on trends in changes to laws and regulations. All employees are eligible for working from home, satellite office work and spot remote work, flexible working hours can be individually selected within a fixed range (three days off each week is possible depending on how non-working days are set), and we are promoting hybrid work that increases flexibility in terms of work locations and times and allows employees to choose their work style individually. In addition, we are working to raise the percentage of male employees who take childcare leave to 100%, with the aim of promoting female participation in the workplace through the dispelling of the awareness of gender roles as well as improving engagement by achieving a balance between work and home life.

Education & Training Programs and Careers

We believe that the growth of each employee is the growth of the company, and we are working to support career development and to create an environment where employees can think independently and take on challenges. The Hitachi Group is proud to offer several hundred types of educational and training programs, so employees can take courses that best suit their work experience and skills. We provide an environment where employees can learn the latest trends and highly specialized knowledge as needed, starting with introductory training after hiring, as well as training to improve skills, rank-based training according to job responsibility and age, the obtaining of qualifications, systems to support employees working on self-development, and on-demand learning.
In career development support, we are deploying measures that emphasize the meaning, significance and values of the work we do for each and every employee. We support the independence and autonomy of employees, who are key to our future, by creating a mechanism to utilize each individual's will and ambition in the organization, and by encouraging mutual understanding in order to foster a sense of unity and teamwork, thus improving organizational strength and performance.
We are also working to improve employees' career ambitions and to foster job satisfaction through career interviews, career guidance by age group.

Sustainability

Hitachi High-Tech Group is promoting sustainability initiatives throughout the organization.
Scan the QR code for more information.

Environmental activities

Realizing a Decarbonized Society

In addition to our ongoing promotion of energy-saving investments, we have achieved carbon neutrality at our business sites by switching to renewable energy sources for the electricity we use. We also aim to achieve carbon neutrality throughout our entire value chain by FY2050, from procurement of raw materials to product disposal.

Realizing a Recycling-Oriented Society

We encourage recycling of resources by limiting the amount of waste product generated in manufacturing, and selecting highly resource-efficient partners for resource recycling. In addition, we are working to control water usage through the monitoring the amount of water used at our business sites as well as the early detection of water leaks.

Realizing a Society in Harmony with Nature

We are promoting biodiversity conservation efforts through participation in forest conservation programs and cleanups (Clean Strategy) in order to bring about a future in which humanity can live in harmony with nature.

Acquired ISO 14001 (EMS) environmental certification

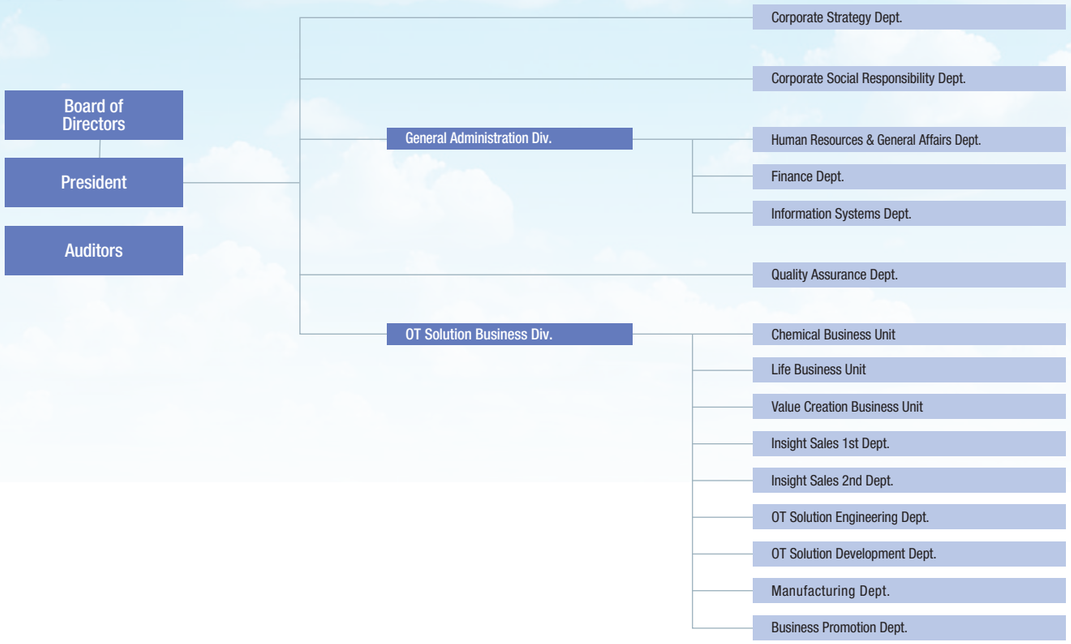
We work to reduce our environmental impact and conserve the environment by establishing and promoting targets and objectives for environmental activities.

Clean Strategy (local litter removal activities)

Mito Division conducts cleanup activities in the areas surrounding our plant.

Organization

Organization chart



Profile

Company Overview (As of April 1, 2025)

Company Name	Hitachi High-Tech Solutions Corporation
Date Established	October 1, 1987
Head Office	Toranomon Hills Business Tower, 1-17-1 Toranomon, Minato-ku, Tokyo 105-6410, Japan
Capital	400 million yen
Accounting Period	March (once annually)
Number of Employees	406
Stockholder	Hitachi High-Tech Corporation 100%
Main Banks	Mizuho Bank, Ltd. MUFG Bank, Ltd.
Board of Directors and Auditors	President Masao Haritaya Board Director Hironobu Hiramatsu Tetsuji Takada Toshio Mikan Naohiko Yamagami Audit & Supervisory Board Member Kenji Makabe Hiroshi Omura

History

- 1987 Nissei Engineering Inc. established
- 2004 Merged with Nissei Electronics, Ltd. took over the instrumentation business of Hitachi High-Technologies Corporation (now Hitachi High-Tech Corporation) and changed the company name to Hitachi High-Tech Trading Corporation
- 2012 Merged with Hitachi High-Tech Solutions Corporation and changed the company name from Hitachi High-Tech Trading Corporation to Hitachi High-Tech Solutions Corporation
  Fused the hardware (instrumentation/installation) businesses of Hitachi High-Tech Trading Corporation with the software development capabilities of Hitachi High-Tech Solutions Corporation to form a new solutions business
- 2013 Took over the instrumentation business of Hitachi High-Tech Control Systems Corporation
- 2022 Took over the railway track inspection equipment, HDD/FPD manufacturing/inspection equipment and lab solutions businesses of Hitachi High-Tech Fine Systems Corporation
- 2023 ICT business, HDD/FPD manufacturing and inspection equipment, and lab solutions business were transferred to Hitachi High-Tech Corporation
- 2025 IS business, which provides rail inspection equipment and peripheral inspection equipment, was transferred to Hitachi High-Tech Corporation

Network

Head Office	Toranomon Hills Business Tower, 1-17-1 Toranomon, Minato-ku, Tokyo 105-6410, Japan ■ Main Phone:+81-3-3504-7773 ■ OT Solution Div. FAX:+81-3-3504-6157 Construction License (Specific) Electrical Construction/Telecommunications Construction/Plumbing Business
Mito Division	500 Miyu-cho, Mito-shi, Ibaraki 319-0316, Japan Phone:+81-29-257-5100 FAX:+81-29-257-5120
Hokkaido Sales Office	1-1-2 Kita 7 Jonishi, Kita-ku, Sapporo-shi, Hokkaido 060-0807, Japan Phone:+81-80-8860-1335 FAX:+81-11-707-3410
Ibaraki Sales Office	500 Miyu-cho, Mito-shi, Ibaraki 319-0316, Japan Phone:+81-29-257-5100 FAX:+81-29-257-5120
Kashima Sales Office	4-7-11 Onohara, Kamisu-shi, Ibaraki 314-0144, Japan Phone:+81-80-9202-4433 FAX:+81-299-92-0566
Chiba Sales Office	2-6-1 Goichuo higashi, Ichihara-shi, Chiba 290-0054, Japan Phone:+81-80-8734-9603 FAX:+81-436-20-8177
Chubu Sales Office	2-13-19 Nishiki, Naka-ku, Nagoya-shi, Aichi 460-0003, Japan Phone:+81-80-8119-2243 FAX:+81-52-219-1869
Yokkaichi Sales Office	1-2-25 Yasujima, Yokkaichi-shi, Mie 510-0075, Japan Phone:+81-80-8734-9605 FAX:+81-59-353-0424
Kansai Sales Office	3-3-31 Miyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0003, Japan Phone:+81-80-8420-6927 FAX:+81-50-3153-0700
Chugoku Sales Office	14-4 Hatchobori, Naka-ku, Hiroshima-shi, Hiroshima 730-0013, Japan Phone:+81-80-8119-2249 FAX:+81-82-221-4513
Kyushu Sales Office	12-20 Kamikawabatamachi, Hakata-ku, Fukuoka-shi, Fukuoka 812-0026, Japan Phone:+81-80-8119-2251 FAX:+81-92-271-6307 Construction License (Specific) Electrical Construction/Plumbing Business

Certification by office *1: Head Office/Sales Office, *2: Mito Division,
Construction License No. : Specific-04 No. 19662,
ISO14001 (EMS) Certificate No. : EC99J1062 *1 ISO14001 (EMS) Certificate No. : EC99J2015 *2,
ISO9001 (QMS) Certificate No. : 09 100 6804 *2,

Head Office

Mito Division