

Hitachi High-Tech

COMPANY PROFILE



Continuing to Reform Ourselves with the Aim of Contributing to Our Customers' Business Creation and a Prosperous Society

The Hitachi High-Tech Group has developed a global business around the four segments of Science & Medical Systems, Electronic Device Systems, Industrial Systems and Advanced Industrial Products with the corporate vision of "To consistently aim to be Global Top in high-tech solutions" and the mission of "To Turn our Customers into Fast-moving, Cutting-edge Businesses."

What are happening in the world right now are globalization, computerization, diversification, and the speeding up of change. Within this course of development, we want to help our customers around the world to grow their businesses and to contribute to the development of society through the provision of value that is distinguished by our creativity and innovativeness. Toward that end, we will embrace the "Challenge to Change," by which we will meet individualized customer needs with meticulous care and work on a "transform to more customer-centric organization" in which we provide solutions with a high level of expertise and another "transform to autonomous and decentralized organization" where employees think, decide and act independently with the perspective of total optimization.

In its basic philosophy, the Hitachi High-Tech Group states that, "Hitachi High-Technologies Corporation aims to be a successful enterprise trusted by all our stakeholders and contributing to social progress through business activities that emphasize value creation through high-tech solutions." Each and every employee etches this basic philosophy into his or her conscious. Also, recognizing that the Hitachi High-Tech Group's existence is nurtured within its relationship with society, we will contribute to the resolution of issues faced by society, as a CSR corporation that is trusted by society, and will strive to increase our corporate value through dialogues with all stakeholders.

At the Hitachi High-Tech Group, we aim to work as one to contribute to the creation of a prosperous society, and so I ask you to provide even greater support to our efforts.

Masahiro Miyazaki
President and Chief Executive Officer

We continue striving to realize our dreams of the future

For example, by protecting people's health through physical diagnosis and searching for the causes of diseases.

By promoting scientific developments that contribute to the progress of society.

By supporting rapidly developing electronics technology.

By protecting advanced social infrastructure and building a comfortable society.

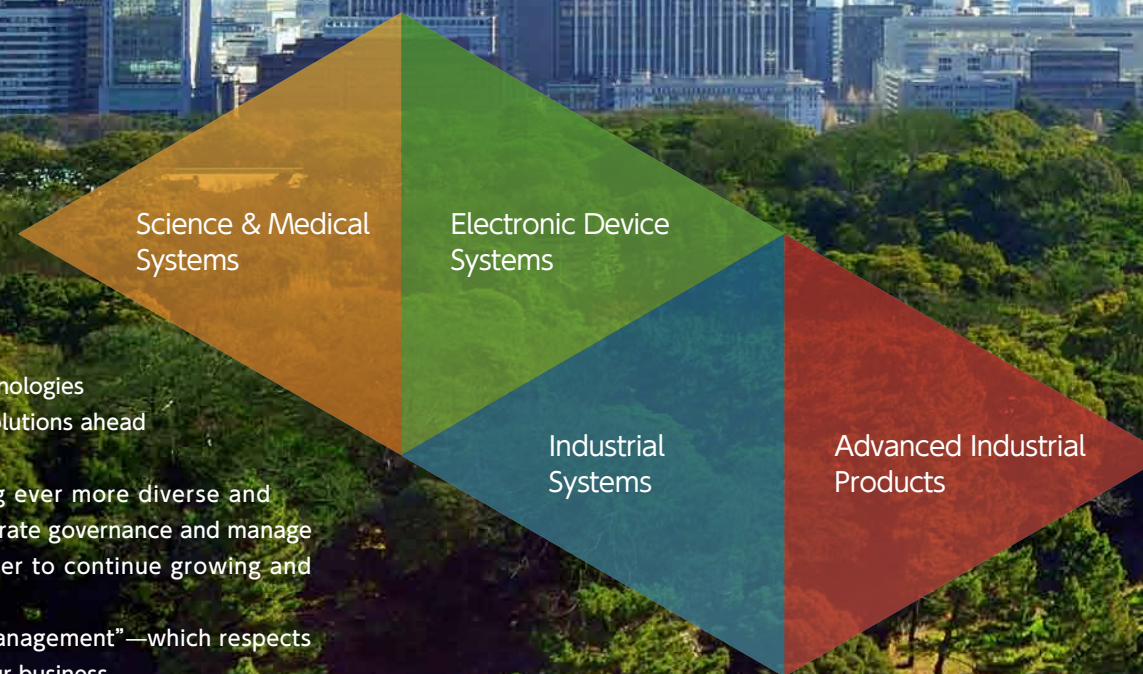
We provide innovative solutions at the forefront of global trends, and contribute to the creation of a better society and our dreams of the future by solving our customers' problems.

To continue growing as a company that is trusted by society.

In order to assist our customers to realize their maximum value, Hitachi High-Technologies utilizes its technological, global sales and procurement capabilities to provide solutions ahead of the curve in collaboration with partners and customers.

The business environment, and especially the global economy, is becoming ever more diverse and globalized. With this in mind, we believe it is important for us to enhance corporate governance and manage our operations with a strong awareness of our social responsibilities in order to continue growing and contributing to society.

In addition, we aim to generate continuous innovation by placing “diversity management”—which respects diverse sensibilities and values, and energizes our organization—at the heart of our business.



Science & Medical Systems

Creating a healthy and prosperous future through science and technology.

Our measurement and analysis technology is applied to a wide variety of fields including medicine and health care, environment, new forms of energy, new materials, life sciences, and electronics, to aid in the development of science and society.



Observing, measuring and analyzing technologies contribute to new innovations in various industrial fields.

Hitachi High-Technologies meets increasingly sophisticated needs by our spectroscopic analytical technologies and electron beam technologies. In the Biotechnology and Medical Products Business, for example, we leveraged our strength of customizing applications in spectroscopic technology to develop the world's first clinical analyzer that integrates immunoassay functions in a clinical chemistry analyzer. This product has made its way into medical facilities and examination centers around the world, contributed to rapid progress in diagnostic technology, and aided in the improvement of people's lifestyle, and in the development of industry. In the Scientific System Business, Hitachi High-Technologies applies the electron

beam technology we have cultivated over the years to develop the most advanced electron microscopes. Observation and analysis of materials using our high resolution technologies supports materials and device engineering, testing of scientific theories, and R&D. In addition, our analytical instruments such as liquid chromatography systems and thermal analysis systems play a significant role in product R&D, quality control and development of new sciences. Collaboration with customers, universities and research institutes aids in the development and distribution of these devices and contributes to the production of new innovations in the development of science and society.



Clinical Chemistry and Immunoassay Analyzer



Pre-Analytical Process Automation System



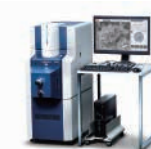
X-ray Fluorescence Analyzer



Ultra High Performance Liquid Chromatograph



Focused Ion and Electron Beam System



Scanning Electron Microscope

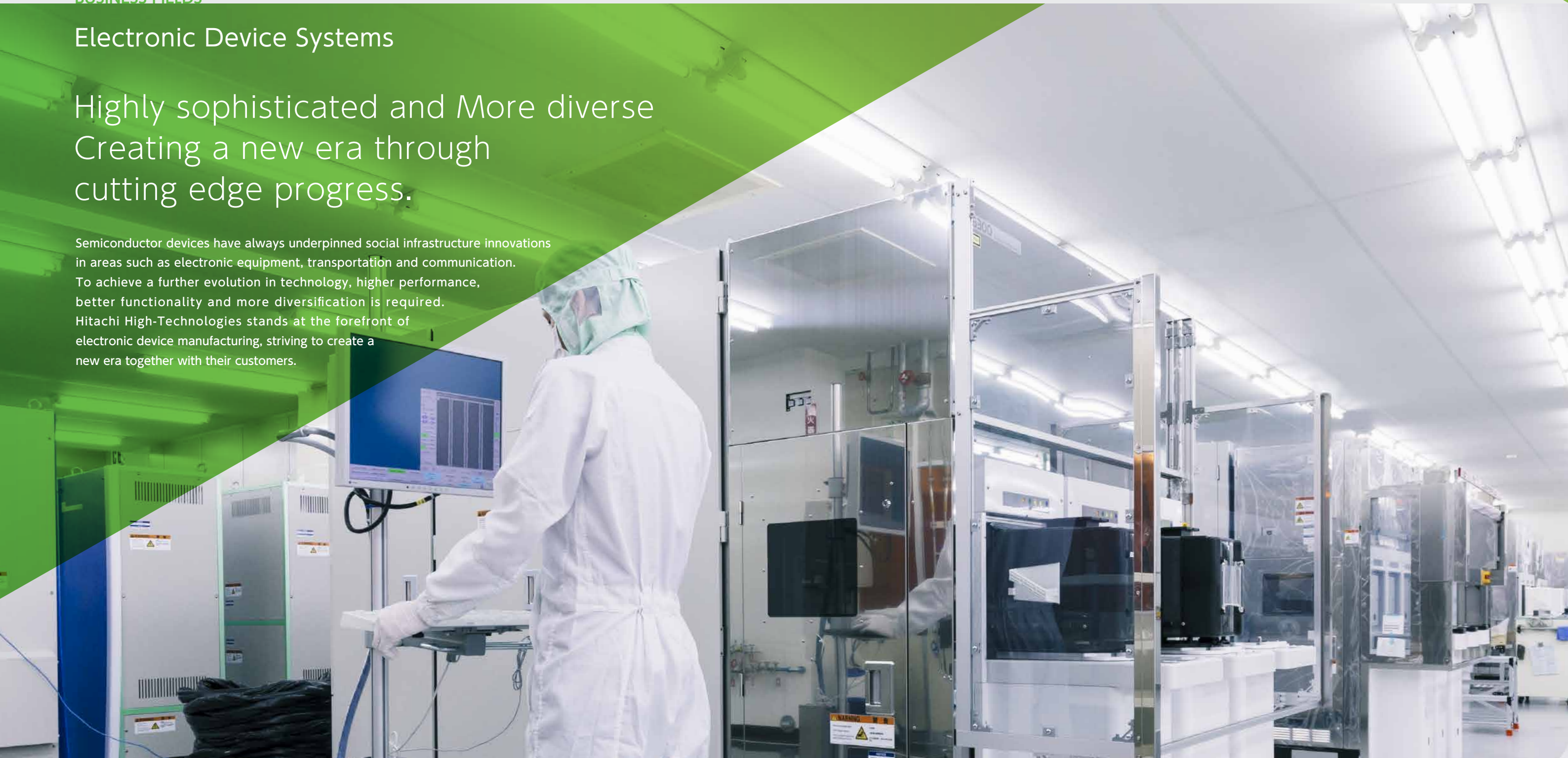


Tabletop Electron Microscope

Electronic Device Systems

Highly sophisticated and More diverse
Creating a new era through
cutting edge progress.

Semiconductor devices have always underpinned social infrastructure innovations in areas such as electronic equipment, transportation and communication. To achieve a further evolution in technology, higher performance, better functionality and more diversification is required. Hitachi High-Technologies stands at the forefront of electronic device manufacturing, striving to create a new era together with their customers.



Creating new value in collaboration with our customers,
Accomplish growth that exceeds the market, aim to create innovative products.

Hitachi High-Technologies has been working on the development of semiconductor manufacturing equipment by making full use of their core technologies; such as electron beam technology, plasma technology and vacuum control technology, which has been created through the cooperation with the research laboratories of Hitachi, Ltd. and partnerships with external research institutes. Within that, the scanning electron microscopy (SEM) technique, which was originally used for Scientific Analysis, was diverted to the "high-precision metrology" of Hitachi CD-SEM for the semiconductor industry. The CD-SEM has firmly maintained the world's top market share for more than 30 years.

Together with the etching systems used for generating fine circuit patterns onto a silicon wafer, we meet customer needs around the world through equipment development which anticipates technology trends. IoT, autonomous car, AI(Artificial Intelligence) and robots..., such technologies are progressing. Semiconductor devices have performance requirements of higher functionality, higher reliability and low power consumptions. We cooperate with the customers maintaining close communication from the development stage, and create new far-sighted value for the semiconductor with our research and development capabilities. We aim to develop innovative and unique products.



Conductor Etch System



Advanced CD-Measurement SEM



Advanced CD-Measurement SEM for 4"-8" wafers



Wafer Surface Inspection System



Design Based Metrology System

Industrial Systems

A range of solutions bring infrastructure supporting safe and secure life.

Modern lifestyles and businesses depend on a network of social and industrial infrastructure. Hitachi High-Technologies supplies a wide range of solutions across a number of fields, supporting society and industry in order to maintain high living standards and safety and security.



Leveraging trading, manufacturing and customer-focused sales capability to become a One-of-a-kind Solution Provider in the industrial sector.

In industrial system business, Hitachi High-Technologies draws on our dual strengths as a manufacturer and a trading company, and we identify customer issues and requirements through our global sales and marketing capabilities. Leveraging our technology development skills, we provide everything from devices and equipment to total solutions with added applications and services. Through our diverse business areas and the products we handle, we are active in industrial infrastructure, providing the latest manufacturing equipment and systems. In social

infrastructure, we develop and manufacture railway inspection equipment and industrial instruments and control systems, and we are active in renewable energy business, including solar power generation. In the ICT solutions business, we offer services that can meet the ever-changing market conditions through our cloud-based IoT platforms and analysis tools. Using our customer-focused sales activities, we anticipate customer concerns and provide optimal solutions to create a high value-added business as a one-of-a-kind solution provider.



Automated Assembly System



Integrated Instrumentation System



PV Generator System



Railway-related Inspection Equipment

Advanced Industrial Products

A global network brings innovation to manufacturing.

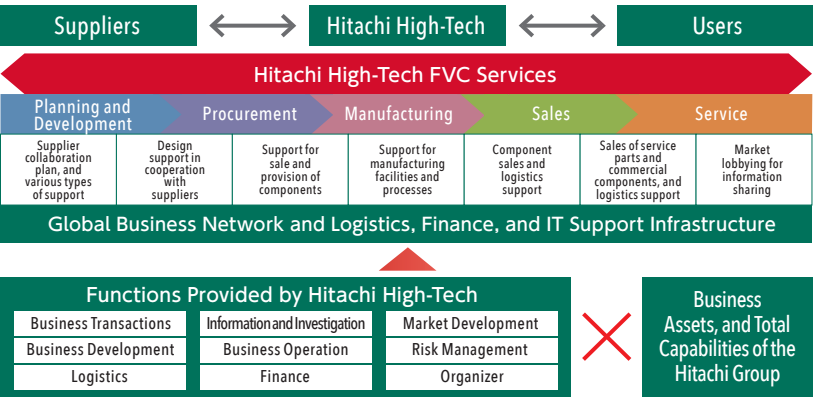
Global companies are transitioning to local production for local consumption, where products are manufactured and supplied close to their markets. As a special trading company highly expertise for advanced industrial products, Hitachi High-Technologies supports client manufacturing at the local level by drawing on our extensive experiences and networks, as well as the resources of the Hitachi Group. We address your business challenges, helping you grow.



Comprehensive sales, procurement, and human resources support for companies competing in the global marketplace.

Globalization of the manufacturing sector necessitates local production, local consumption systems for worldwide production and supply of tailored products close to regional markets. Hitachi High-Technologies helps clients overcome these challenges by drawing freely on the product, technology, service and HR resources of the Hitachi Group to provide full value-chain solutions(FVC) through our One Window Service. That combines the functions of a specialist trading company

with upstream through to downstream commercial distribution in a value chain matrix. Our expertise ranges from procurement, logistics and finance to business support functions such as supplier and customer information and research, market development, development and operation of new businesses and risk management. We help our clients overcome their challenges by our global network.



Hitachi High-Tech's FVC service leverages our global network to provide comprehensive solutions, through strengthening Collaboration with the Hitachi Group.



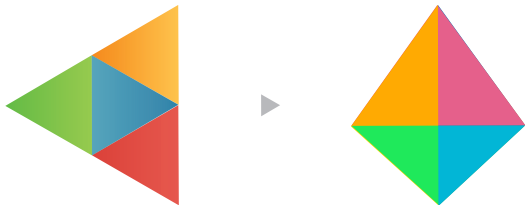


Company Profile

Company Name	Hitachi High-Technologies Corporation
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Date of Establishment	April 12, 1947
Capital	7,938 million yen (As of September 30, 2016)
Major Shareholder	Hitachi, Ltd.

Corporate History

1947	April	Established in Chuo-ku, Tokyo, as Hinode Shokai Co., Ltd. with capital of 195,000 yen
2001	October	Company name changed to Hitachi High-technologies Corporation following the integration of Hitachi' s Instruments Group and Semiconductor Manufacturing Equipment Group
2004	March	Hitachi Electronics Engineering Co., Ltd. (now Hitachi High-Tech Fine Systems Corporation) made a subsidiary
2013	January	SII Nanotechnology Inc. (now Hitachi High-Tech Science Corporation) and its three group companies made subsidiaries.



Coinciding with the formulation of the Mid-Term Management Strategy, the Hitachi High-Tech Group developed a new design concept for our corporate tools. The symbol of our concept, the equilateral triangular pyramid, comprises four faces. The four colors of the faces represent the Hitachi High-Tech Group's business segments, while also displaying the Group's comprehensive strength by coming together to form a triangular pyramid. Thus, the triangular pyramid represents our ability to continue to provide new value to our customers. Furthermore, the triangular pyramid looks like a triangle no matter which angle it is viewed from, and this represents our three business domains: Biotechnology and Healthcare, Social and Industrial Infrastructure, and Advanced Industrial Systems. We hope that by allowing society and our customers to view the world through the various filters of the Hitachi High-Tech Group (triangular pyramid), as we expose you to new experiences and discoveries. With this mindset, we will continue to challenge ourselves to build better relationships with society and our customers.

