

Fujitsu
Corporate Profile
2014

Corporate Profile 2014



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Fujitsu Corporate Profile 2014

shaping tomorrow with you

This is Fujitsu's Brand Promise to the world.

Embedded in "shaping tomorrow" is the idea of helping customers and society to build a better future; and "with you" captures Fujitsu's customer-centric approach of working with customers to boost their businesses.

Fujitsu strives to have a deep understanding of the needs of customers and society at large, and moves flexibly according to the situation (Responsive).

Fujitsu also has high aspirations for its new innovations (Ambitious), and always acts with sincerity to address issues and deliver authentic results (Genuine). Backed by these defining traits, Fujitsu is determined to fulfill its Brand Promise.

At Fujitsu, we aim to work together with our customers and society to create a prosperous future where everyone can live with peace of mind. To support people through the ever-evolving power of ICT, we are quickening the pace of new innovations to revolutionize business and resolve an array of issues that society faces.

President
Masami Yamamoto



Information and communication technology (ICT) has become indispensable for supporting both business and society, and it continues to evolve unabated.

Cloud and mobile technologies have radically altered people's lives, making new services and working styles a reality. These advances enable people to engage in open collaboration that overcomes organizational or locational limitations. Meanwhile, the analysis of massive amounts of data generated from human behavior and activity is leading to new marketing opportunities and other initiatives.

Beyond simply connecting people, the Internet links a variety of things and objects together, allowing sophisticated real-time analysis of enormous quantities of data that can play a meaningful role in decision making. This ability has the potential not only to completely transform the front lines of businesses such as facilities management and manufacturing, but also to reshape medicine, transportation, and agriculture, as well as society as a whole.

I am convinced that ICT, with its power to support people, will spark innovation that will radically alter our lifestyles, industries, and the entire world.

Fujitsu is committed to providing people with human centric ICT and resolving issues as an innovation partner for our customers worldwide. As we strive to realize a bountiful Human Centric Intelligent Society where everyone can live with peace of mind, we will journey together with our customers to create the prosperous future that we all desire.

FUJITSU Way

Our Corporate Philosophy

The FUJITSU Way embodies the philosophy of the Fujitsu Group, our reason for existence, and the values and principles that we follow in our daily activities.

CORPORATE VISION

Through our constant pursuit of innovation, the Fujitsu Group aims to contribute to the creation of a networked society that is rewarding and secure, bringing about a prosperous future that fulfills the dreams of people throughout the world.

CORPORATE VALUES

What we strive for:

Society and Environment	In all our actions, we protect the environment and contribute to society.
Profit and Growth	We strive to meet the expectations of customers, employees, and shareholders.
Shareholders and Investors	We seek to continuously increase our corporate value.
Global Perspective	We think and act from a global perspective.

What we value:

Employees	We respect diversity and support individual growth.
Customers	We seek to be their valued and trusted partner.
Business Partners	We build mutually beneficial relationships.
Technology	We seek to create new value through innovation.
Quality	We enhance the reputation of our customers and the reliability of social infrastructure.

PRINCIPLES

Global Citizenship	We act as good global citizens, attuned to the needs of society and the environment.
Customer-Centric Perspective	We think from the customer's perspective and act with sincerity.
Firsthand Understanding	We act based on a firsthand understanding of the actual situation.
Spirit of Challenge	We strive to achieve our highest goals.
Speed and Agility	We act flexibly and promptly to achieve our objectives.
Teamwork	We share common objectives across organizations, work as a team and act as responsible members of the team.

CODE OF CONDUCT

- We respect human rights.
- We comply with all laws and regulations.
- We act with fairness in our business dealings.
- We protect and respect intellectual property.
- We maintain confidentiality.
- We do not use our position in our organization for personal gain.

Fujitsu Technology and Service Vision

Innovation in the new era of hyperconnectivity

Fujitsu proposes Human Centric Innovation, a new approach to innovation. It is to create new value by bringing together the dimensions of people, information and infrastructure.



Hyperconnected World will Change Society and Business

In April 2014, we released a new version of the Fujitsu Technology and Service Vision, outlining how ICT will contribute to innovations in business and society. The Fujitsu Technology and Service Vision sets out our vision, core value proposition to enterprise and public-sector customers, and portfolio of enabling technologies and services.

A new world is emerging. This is a world of connectivity, driven by the Internet of Things (IoT), the next generation of the Internet, and other factors. People collaborate across organizational boundaries. Diverse things are connected to networks. Existing industrial borders are vanishing. It is called a Hyperconnected World, where everything will be connected by networks.

Three Dimensions for Driving Innovation—People, Information, and Infrastructure

In a hyperconnected world, massive amounts of information are generated by the things and flow into the networks. New services will be created by connecting things. The combination of IoT and big data is expected to provide huge potential for business and social growth. However, serious threats are also emerging. We will face challenges of ensuring privacy protection and information security, including responses to cyber attacks.

The management of enterprises should recognize and understand the characteristics of this new world for developing innovative business models. In a hyperconnected

world, competitive advantages will derive from different factors. Conventional success factors may no longer yield the same advantages.

Innovation will be created dynamically in different ways. With a few good ideas, anybody will be able to innovate. The key to success will be how people use technologies to innovate and create new value and how enterprises leverage the creativity of those connected people.

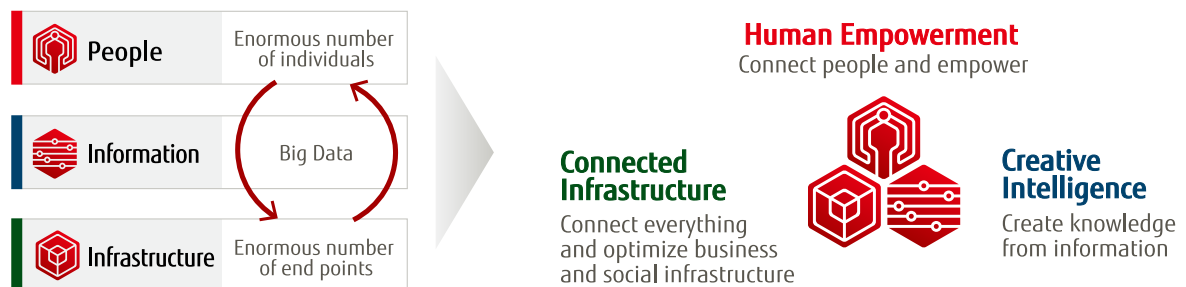
In a hyperconnected world, three dimensions of people, information, and infrastructure are critical for enabling innovations. These dimensions lead to important challenges:

Human Empowerment—how organizations connect and empower people; Creative Intelligence—how organizations create knowledge from information; and Connected Infrastructure—how organizations connect and optimize the entire business and social infrastructure.

Human Centric Innovation is a new approach to innovation, realizing new business and social value through solutions and services that bring together these three dimensions.

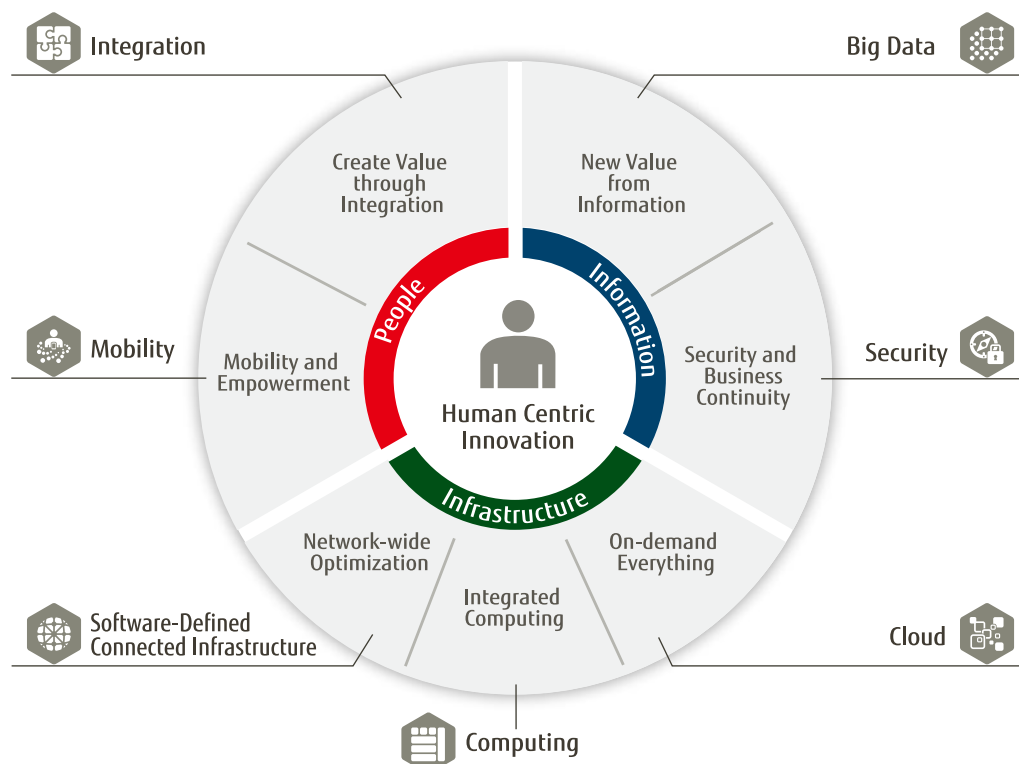
Fujitsu wants to help our customers develop new business models by combining these three dimensions, driving business and social innovation together.

Human Centric Innovation

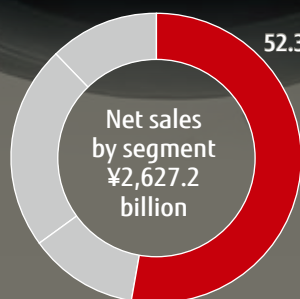


Areas Where Fujitsu Provides Value

Fujitsu has developed a portfolio of technologies and services to support the three dimensions of people, information, and infrastructure. These are essential components for realizing Human Centric Innovation.



Making Customer Innovations a Reality



(Year ended March 31, 2014)

Fujitsu contributes to the creation of new value for customers around the world by combining our expertise gained from delivering solutions for our customers.

Fujitsu's services business holds the leading market share in Japan and the fourth-largest share world-wide. Through this business, Fujitsu provides solutions and systems integration services that combine IT system consulting, design, application development, and hardware installation, as well as out-sourced infrastructure services (complete ICT system operation and management, including ICT system management via datacenters) and maintenance services. Furthermore, by modernizing customers' existing ICT assets to support their effective use, making sure that information systems are operating correctly, and using an agile and flexible approach for information systems, Fujitsu is supporting the realization of customers' business innovations and the creation of a prosperous society through advanced technologies.

TOPICS

FUJITSU Big Data Initiative

Fujitsu is working to accelerate innovation for its customers and society through the use of big data. As part of the FUJITSU Big Data Initiative, we have systematically revamped our services and products. We have also opened the Big Data Initiative Center which has a team of 800 people ready to provide end-to-end support for customers seeking to use big data.

Offerings	Business Process Transformation		Smarter Marketing		Enhanced Products and Services	
	Real-time management	Energy management	Customer experience	Personalization	Sensor-enabled M2M	
Applications	Improved equipment maintenance	Prediction of frequent production line stoppages	Optimal allocation of human resources		Supply Chain Optimization	
	Social infrastructure maintenance and management				Demand forecasting	
Big Data Analytics	Integration service					
	Applications for industry verticals, work processes, and data handling					
Big Data Engines	Analytics			Data Utilization (Convergence)		
	Data curation service			DataPlaza service for linking with external data		
Big Data Platforms	Big data personnel training services			SPATIOWL locational data platform service		
	Interstage and ISVs (SAP, SAS, Oracle)			Linked Open Data for searching and linkage with open data		
Sensor-based networks	In-memory	Column stores	Parallel distributed processing	Complex event processing	Master data management	
	Smart devices	Servers and storage	PC clusters	Cloud services		

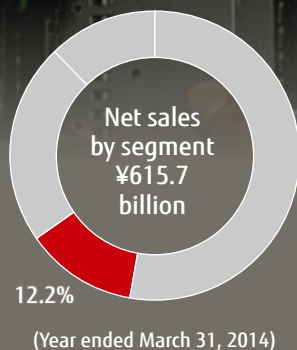


An Akisai farm on the grounds of the Numazu Plant



A datacenter in Thailand where Fujitsu has started providing cloud services

Fujitsu Provides Customers with Optimal System Platforms for Their Businesses



Fujitsu offers sophisticated and highly reliable system platforms based on a range of advanced technologies.

The system platforms business consists of both system and network products, which are the foundation of ICT infrastructure. Fujitsu's system products include sophisticated and highly reliable mainframe and UNIX servers that are equipped with one of the world's few proprietary CPUs. We also provide powerful x86 servers for cloud computing and other emerging business areas, as well as for the emerging Internet of Things. Our storage systems are able to hold vast amounts of data, and this capacity will continue to increase in the years ahead as we develop products globally in line with customer requirements. Fujitsu's network products hold a large share of the market for optical transmission systems and mobile phone base stations used by mobile communications carriers in Japan, and are backed by our advanced technology and support capabilities. We also have the leading market share in the highly competitive North American market for optical transmission systems.

TOPICS

FUJITSU Integrated System HA Database Ready SX2 Strengthens Lineup of Vertically Integrated Database Systems

The FUJITSU Integrated System HA Database Ready SX2 brings to the lineup of database systems a high-performance, high-capacity model that supports increased database capacity following system deployment. It also includes encryption technology based on the Advanced Encryption Standard (AES), an extremely robust methodology used globally. The HA Database Ready SX2 can be used for a wide range of applications, from social infrastructure systems that require high performance and exceptional reliability through to business information systems that require high performance and capacity large enough to handle high-speed batch processing and data consolidation.



UNIX server
SPARC M10-4S



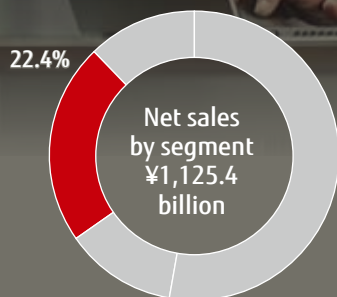
2-way blade x86 server
FUJITSU Server
PRIMERGY BX924 S4

Delivering Human Centric Products to Customers

Fujitsu delivers human centric products through proprietary, people-friendly sensing technologies.

In its ubiquitous solutions business, Fujitsu develops and manufactures products such as PCs, smartphones, car audio and navigation systems, and automotive electronics.

Fujitsu's PC lineup provides high-quality, high value-added products such as desktop PCs that change shape to optimal angles for touch or pen operations and are equipped with the latest sensing technologies, as well as the GRANNOTE, a beautiful, easy-to-use notebook PC for mature consumers. Fujitsu's mobile phones include the ARROWS and STYLISTIC brand smartphones, which are equipped with advanced, high-speed CPUs, and the Raku-Raku series with easy-to-read, easy-to-hear, and easy-to-use functionality. Fujitsu's mobilewear connectivity products include intuitively operated ECLIPSE car navigation systems that connect with smartphones for a more enjoyable driving experience.



(Year ended March 31, 2014)

TOPICS

Fujitsu Develops Haptic Sensory Tablet Prototype

Using new haptic, or tactile, sensory technology developed by Fujitsu Laboratories, we have created a prototype tablet with a touchscreen that conveys a sense of slipperiness or roughness depending on the image being displayed. This is industry-leading technology that uses ultrasonic vibrations to convey tactile sensations by varying the friction between the touchscreen display and the user's finger. The tablet enables realistic tactile sensations—either smooth or rough, which had until now been difficult to achieve—right on the touchscreen display.



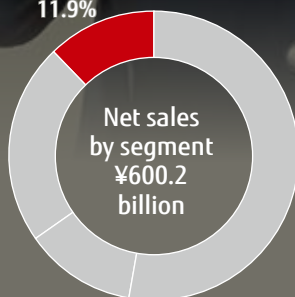
The FMV ESPRIMO WH77/S desktop PC equipped with the latest functions enabling the user to do what they want while enjoying optimum style



ARROWS smartphone featuring the world's highest resolution display, high-speed communication, and a three-day battery life. "ARROWS NX F-02G"

Total Solutions for Electronic and Structural Components to Support Electronic Products

11.9%



(Year ended March 31, 2014)

The Fujitsu Group develops and supplies component products such as our LSIs, relays, and connectors that support the electronic products that bring richness and variety to modern life.

Device solutions is comprised of the electronic components business and semiconductor business. In the electronic components business, the Fujitsu Group supplies semiconductor and electronics manufacturers around the world. We are working to meet market demand through cutting-edge semiconductor packages in addition to supplying structural components through our global network, including connection components such as relays and connectors, input devices like keyboards and touch panels, wireless modules for thermal printers and electronic devices, and cyber console switches (KVM switches) for electrical appliances. In the semiconductor business, Fujitsu Semiconductor Limited of the Fujitsu Group provides LSIs for consumer electronics, automobiles, mobile phones, servers, and many more products. Currently, the Fujitsu Group is undertaking structural reforms of the semiconductor business to realign the business.

TOPICS

In July 2014, Fujitsu Limited, Fujitsu Semiconductor Limited, Panasonic Corporation and the Development Bank of Japan Inc. signed a definitive agreement to establish an integrated joint venture in the system LSI (SoC) business. The new company is expected to begin operation in the fourth quarter of the fiscal year ending March 31, 2015, after completing the integration of related businesses.

Additionally, United Microelectronics Corporation will become a minority shareholder of a new foundry company in Mie and ON Semiconductor will become a minority shareholder of another new foundry company based on 200 mm fabrication in Aizu.

Overview of Semiconductor Business Reorganization

Current	After Reorganization
System LSI (SoC) business	New integrated joint venture with Panasonic System LSI
	Fujitsu Semiconductor Group after Reorganization
Mie Plant (300 mm)	Mie Foundry company
Aizuwakamatsu Plant (150 mm) Fujitsu Semiconductor Technology (200 mm)	Aizu Foundry companies
System memory business	System memory business
Fujitsu Electronics	Fujitsu Electronics

Fujitsu is helping to create a more prosperous society by working with its customers as an ICT partner.



EMEIA

(Europe, Middle East, India and Africa)

■ Balfour Beatty (United Kingdom)

Physical and Cloud-based Computing Raises Overall Group Efficiency and Productivity

Balfour Beatty plc is a multinational infrastructure group with more than 40,000 employees operating in over 80 countries. In order to collaborate more effectively across its group of companies for growth and innovation going forward, the company wanted to find a more efficient approach. After detailed evaluation, Fujitsu was chosen as a partner for the creation of an IT platform. Fujitsu took the company's 1,500 servers spread over 10 sites throughout the UK and merged them into two Fujitsu datacenters in London, dramatically rationalizing around 5,500 applications and creating a cloud-based, shared storage environment. It also provides managed desktop services and support for 14,500 users in the UK, across approximately 450 permanent locations and 450 temporary sites—supported by Fujitsu hardware. The project has promoted sharing of information between group companies, enabling growth through the flexible and agile approaches to projects.

New Student Information Service to Play a Pivotal Role in the Transformation of Learning Empowered by Technology

Fujitsu has entered into an agreement with the B.C. Ministry of Education to implement and operate MyEducation BC, a new student information service for schools in British Columbia, Canada. The service enables school districts, schools, teachers, parents and the students to manage course and teacher schedules, create reports and provide educational support on an individual level, while at the same time allowing for a single record for each student from kindergarten through to high school graduation. The secure, Web-based service is accessible through all browsers including mobile devices, and offers parents and students the ability to monitor progress, communicate with teachers and submit assignments online. Teachers can collaborate across and between school districts, share learning tools and materials, and communicate with parents and students on an ongoing basis.



THE AMERICAS

■ British Columbia (B.C.) Ministry of Education, Canada (The Americas)

Leveraging Experience from Japan Provides Disaster Information Management Solutions in Indonesia

Jakarta, Indonesia experiences frequent natural disasters including earthquakes and floods, and a typical year results in significant damage and impact on the local economy. Jakarta's regional disaster authority had been managing disaster information manually and its provision of fast and accurate disaster mitigation and information was not functioning effectively. Fujitsu proposed its DIMS application as a solution, which is based on accumulated experience and knowledge of disaster mitigation systems used in Japan. DIMS is designed to accelerate the management of information during the disaster mitigation process. The system's main functions are to transmit early warnings, make collection and provision of information more efficient, and assist swift decision making. DIMS improved the authority's response time significantly, and it is now able to provide more detailed information needed by other agencies in real time and with high accuracy. As a result, coordination in the whole disaster mitigation process has become more effective and efficient.



Edy Junaedi, Head of Informatics and Controlling Division at
DKI Jakarta Regional Disaster Management Agency

ASIA

■ DKI Jakarta Regional Disaster Management Agency (Indonesia)



OCEANIA

■ Meridian Energy (New Zealand)

Using ICT to Support Sustainability Initiatives

Meridian Energy is New Zealand's largest renewable energy generator, owning and operating seven hydroelectric power generation plants in addition to one wind power generation plant on the North Island and three on the South Island. Meridian achieved significant energy efficiency savings across its business, and is rated with the highest level of sustainability in New Zealand. However, it was faced with the demanding challenge of improving its performance even further. Fujitsu conducted an ICT sustainability assessment, benchmarked Meridian against similar companies across the world and implemented a number of initiatives to improve its position in relation to the global benchmark to achieve best practice in sustainable ICT. As a result, Meridian's benchmark assessment score when reassessed was 81.1, which places it in the top six percent of companies worldwide in Fujitsu's Global ICT Sustainability Benchmark.

Making Frontline Operations of Water Treatment Infrastructure More Efficient and Upskilling Engineers

METAWATER is a leading Japanese provider of repair and maintenance services for water and sewage infrastructure. The company's business also focuses on the design, construction, maintenance, and operation of other public water supply facilities. METAWATER has turned its attention toward using tablet computers and augmented reality (AR) to find solutions to combat the enormous cost and lack of experienced engineers that are becoming obstacles in upgrading the nation's aging water and sewage infrastructure. METAWATER chose Fujitsu as a partner because of our "AR markers" that enable a camera to recognize with high accuracy the relevant components being shot, irrespective of factors such as camera shake. Using tablets and AR markers installed in workplaces and on designated machinery enables recording and viewing of actual work methodologies, procedures, and cautionary notes, which promotes the sharing of information and improves work efficiency. This enables the work practices of experienced engineers, including their implicit hands-on knowledge, to be collected, stored, and linked to tasks as workplace images, videos, and voice recordings through AR markers.



Photo courtesy of METAWATER Co., Ltd.

JAPAN

■ METAWATER Co., Ltd. (Japan)

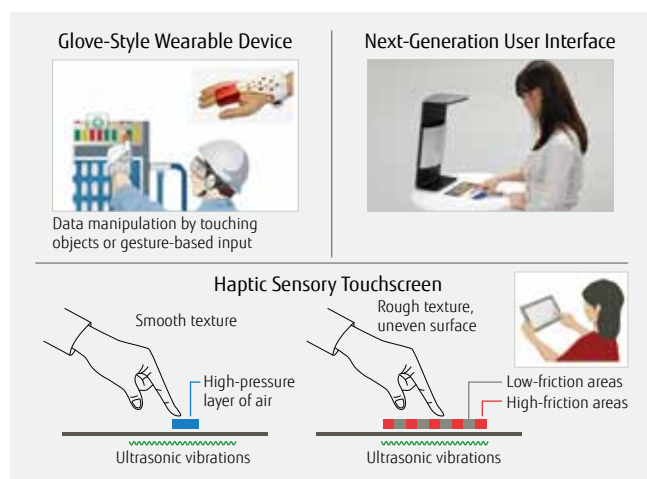
Fujitsu's R&D of wide-ranging and diverse advanced technologies includes technologies for next-generation solutions and services for systems, networks, devices, and advanced materials.

Our Mission in R&D

- Discover and build on advanced technologies
- Extend our value chain globally
- Foster the creation of new business
- Fulfill our social responsibilities

User Interface Technology Enabling Seamless and Unobtrusive Connections between Operations and Services in Real-World ICT Devices

Fujitsu has developed a glove-style wearable device that displays workflow and other data when worn, and is triggered by contact with objects. Another breakthrough is the world's first, next-generation user interface with 3D space-based touch operation that uses an ordinary webcam for high-resolution, high-speed detection of fingertip position. Fujitsu has also developed technology for creating interfaces that fully engage the human senses, including the industry's first haptic (tactile) sensory touchscreen. This innovation allows users to feel tactile sensations such as smooth and rough textures when touching the screen.

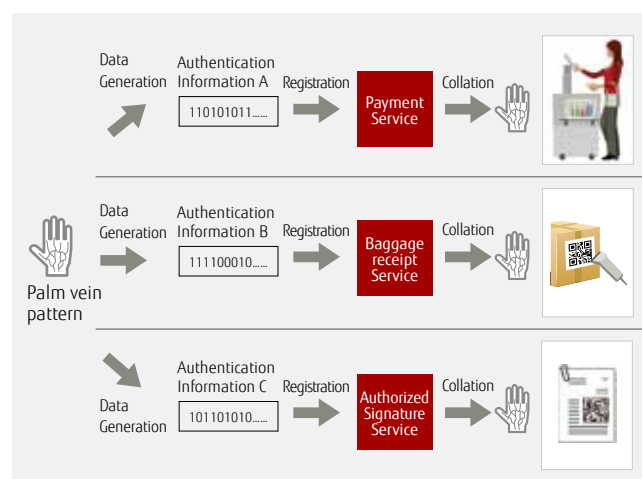


Technology for Automatic Linkage, Usage, and Leverage of Massive and Diverse Individual Data Sets Dispersed Worldwide

Linked Open Data (LOD), or data that is linked and merged with other related information, is becoming more widely released globally. In partnership with the Ireland-based Insight Centre for Data Analytics, in a world first, Fujitsu has co-developed a platform that collects and stores LOD and allows for high-speed, single-batch searching of a multitude of interrelated information. For example, using publicly available LOD—such as basic corporate data (business sector, number of employees, etc.) and financial data (net sales, profits, etc.), as well as share prices and other relevant data—the platform enables real-time multifaceted analysis of corporate performance.

Security Technology Essential for Reliable, Secure Data Usage

Fujitsu has developed technology that enables high-speed statistical processing and searching of encrypted data, enabling even safer use of highly confidential information. Furthermore, we have developed palm vein image technology that can generate different types of authentication data for different services. In the unlikely event that registered data is leaked in one service, users can re-register their palm vein image with no impact on other services, enabling continued use of those unaffected services.



Technology that Ensures Continuous Optimization through Dynamic Compositional Change of ICT Infrastructure

Fujitsu has addressed the explosive growth in data transmission volumes, the sharp increase in data communications traffic and the shift to high-capacity servers by developing distributed service platform technologies that automatically allocate data or processing on network-based servers. Optimal allocation reduces data communications volume to around 1/100th of its size, allowing for a dramatic improvement in response times. Additionally, in a world first, through the high-speed interconnection of pooled CPUs, memory, and storage, Fujitsu has created technology that takes around 10 minutes to provide clients with a server setup tailored to their needs.

Platform Technology Supporting On-Site Product Prototyping and Development

To enhance the performance of next-generation servers and supercomputers, Fujitsu has developed clock distribution technology that reduces growing power consumption by 20%. As new fields of application for supercomputers continue to emerge, Fujitsu has developed the world's first commercial magnetic simulation software for analyzing the microstructures of magnetic materials, which had been difficult to achieve in the past.

The Fujitsu Group creates intellectual property as an important management resource for supporting business activities and works to fully capitalize on it.

Intellectual Property Strategy

At Fujitsu Group, our intellectual property strategy is based on our management strategy and is integrated with our business, research, and development, and standardization strategies. To that end, from the earliest stages of our business activities, we implement a multilateral analysis focused on intellectual property to ensure that we can proceed based on the results of this analysis.

By implementing our intellectual property strategy, we will endeavor to maximize the value of the intellectual property assets of the entire Fujitsu Group.

Positioning of Intellectual Property Strategy



High-Dimensional Supercomputer Interconnect Technology

The FUJITSU Supercomputer PRIMEHPC FX10 is a massively parallel computer system connecting up to several tens of thousands of nodes, with each node connected in a configuration called a high-dimensional torus (See the following figure).

This structure enables fine compartmentalization at any arbitrarily selected point without requiring use of special switches. It also has the added effect of being able to continue computing during node failures by making slight detours on circuits.

This technology was highly applauded outside of the company, being awarded the fiscal 2014 Imperial Invention Prize by the Japan Institute of Invention and Innovation, having already received the fiscal 2011 Contribution Prize of the Ichimura Prizes in Industry from the New Technology Development Foundation.

Fujitsu supercomputers employing this technology are being used for research such as life sciences, medicine, and drug discovery, and creation of new materials and energy.



High-Dimensional Torus Interconnect Structure

Patents Issued in Japan in 2013

1	Panasonic Corporation	7,123
2	TOYOTA MOTOR CORPORATION	5,586
3	Canon Inc.	5,582
4	Mitsubishi Electric Corporation	4,963
5	TOSHIBA CORPORATION	4,623
6	Honda Motor Co., Ltd.	3,637
7	FUJITSU LIMITED	3,483
8	Ricoh Company, Ltd.	3,292
9	NEC Corporation	2,940
10	Sharp Corporation	2,871
11	DENSO CORPORATION	2,826
12	Hitachi, Ltd.	2,607
13	FUJIFILM Corporation	2,553
14	Seiko Epson Corporation	2,370
15	NISSAN MOTOR CO., LTD.	2,037
16	KYOCERA Corporation	1,860
17	Nippon Telegraph and Telephone Corporation	1,800
18	Sony Corporation	1,787
19	Dai Nippon Printing Co., Ltd.	1,721
20	Fuji Xerox Co., Ltd.	1,445

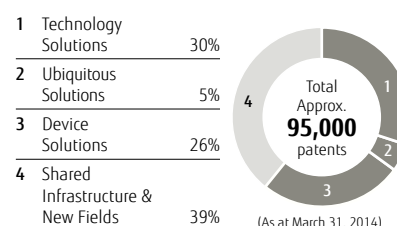
Source: Fujitsu survey based on Japan Patent Office data (number of issued patents).
The number of patents granted to Fujitsu Group companies other than Fujitsu Limited was 1,645 (20 companies).
Total Fujitsu Group patents: 5,128

Patents Issued in the United States in 2013

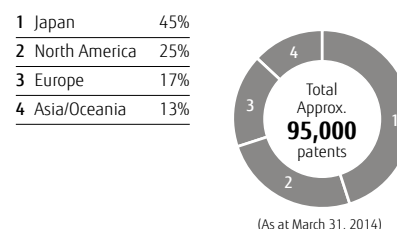
1	IBM Corporation	6,809
2	Samsung Electronics Co., Ltd.	4,676
3	Canon Inc.	3,825
4	Sony Corporation	3,098
5	Microsoft Corporation	2,660
6	Panasonic Corporation	2,601
7	TOSHIBA CORPORATION	2,416
8	Hon Hai Precision Industry Co., Ltd.	2,279
9	QUALCOMM Incorporated	2,103
10	LG Electronics, Inc.	1,947
11	Google Inc.	1,851
12	FUJITSU LIMITED	1,806
13	Apple Inc.	1,775
14	General Electric Company	1,739
15	GM Global Technology	1,626
16	Seiko Epson Corporation	1,494
17	Ricoh Company, Ltd.	1,470
18	Intel Corporation	1,455
19	Hewlett-Packard Development Company, L.P.	1,360
20	BlackBerry Limited	1,334

Source: IFI CLAIMS Patent Services (number of issued patents).
The number of patents granted to Fujitsu Group companies other than Fujitsu Limited was 649 (12 companies).
Total Fujitsu Group patents: 2,455

Fujitsu Filings and Registered Patents by Business Segment



Fujitsu Filings and Registered Patents by Geographic Region



Fujitsu uses ICT to work together with our customers, local communities, and people all over the world to create new value and knowledge, and to promote the sustainable development of society in harmony with our planet.

In Touch with Global and Local Communities

Japan

Support for Publishing the "Sendai City Record of the Great East Japan Earthquake" to Provide Lessons for the Future from the Earthquake and Tsunami Disaster

Fujitsu supported the publication of Sendai's Disaster Journal: A Record of One Year's Post-Disaster Activities to pass on to future



generations the lessons learned from the Great East Japan Earthquake and supplement creating a society at ease in coping with natural disasters. The document records how employees of Sendai's municipal government worked extremely hard—with very little food and sleep—during recovery activities in the confusion immediately following the Great East Japan Earthquake. It also provides a timeline that chronicles how residents' lives eventually returned to normal. This is an important record of the various issues that arose and subsequent improvement measures. Fujitsu will use the experience gained from supporting this publication and the lessons learned, to provide technology for disaster readiness measures in disaster-stricken areas and other municipalities nationwide, and to foster awareness of disaster readiness.

Overseas

Support for Promoting Youth Employment in the UK

Youth unemployment,* particularly in Europe, is an issue confronting societies in developed countries.

Various initiatives to spur youth employment are being promoted in the UK, where the high level of youth unemployment is around 20%. At Fujitsu UK



and Ireland, about 140 young people have been accepted as apprentices as part of our efforts to support these initiatives. In FY2013, we also supported the UK's National Apprenticeship Week, where Fujitsu managers, including our CEO, gave career advice and donations and participated in a variety of events. In addition, employee volunteers visited schools, where counseling and advice was given to junior and senior high school students, including guiding them in resume writing and presentation skills.

* Youth unemployment rate: the percentage of 15–24 year-olds who are out of work. In the UK, however, this is calculated for 16–24 year-olds.

Cultural and Sponsorship Activities

Creating a Prosperous Society with Our Stakeholders

Fujitsu supports science and technology contests for students in high schools and technical colleges throughout Japan—including the Japan Science & Engineering Challenge, a free-themed research contest, and the Technical College Programming Contest, where students pit their skills and ideas against each other. We also created the technology-based Fujitsu Tech Lab which forms part of Kanda Makuhari, a work experience theme park that opened in January 2014. Here we share the power and appeal of technology with children and see it as Fujitsu's mission to inspire them. In other efforts to support the realization of a prosperous society, we host and sponsor cultural and sporting events, such as the Fujitsu Concert Series and the Fujitsu Ladies golf tournament.



Learning through hands-on fun at the Fujitsu Tech Lab

Contributing to Society through Sport

Inspiring and Encouraging People through Sport

Fujitsu is committed to inspiring people by encouraging participation in sport. Not only does this improve athletic ability but it also contributes to the development of various sports. For example, the Fujitsu Track and Field Team has long been a leader in Japanese athletics circles, sending numerous representatives to the Olympics and other international athletic competitions. Fujitsu's RedWave women's basketball team—a perennial leader in Japan's top women's basketball league—and Fujitsu's Frontiers American football team are further examples of Fujitsu championship teams that have a consistent reputation for outstanding performance.



Photos supplied by NANO Association

Environmental Activities

Providing Tablet PCs to Life Insurance Sales Personnel Reduced CO₂ Emissions by Nearly Half

Fujitsu supplied insurance sales personnel with a tablet PC solution that forms a core part of their policy management system. Using this solution's robust security functions, it is now possible to complete all administrative processes while visiting clients as the tablet PCs allow everything from product explanations through to policy sign-up. The entire process is now paperless, which has eliminated extra travel from customer sites back to insurance offices. Fujitsu's assessment of the change in environmental impact revealed that a 43.1% reduction in greenhouse gas emissions had been achieved. Going paperless also saved tens of millions of sheets of paper, minimized business trips and travel expenses, and reduced office energy costs by using less lighting and air conditioning.



Tablet PC in use

Datacenter Optimization at University Campus Suffolk Reduces Power Consumption by 80%

University students expect the technology that they use to be reliable and always available so that they can study. For University Campus Suffolk (UCS) in the UK that meant working in partnership with Fujitsu to upgrade their ICT equipment. The refresh program commenced with the installation of a new storage area network (SAN), consolidating all storage units into two FUJITSU Storage ETERNUS DX80 SANs. The second stage of the program involved virtualization and consolidated nearly 100 physical servers into just five FUJITSU Server PRIMERGY RX300 units. This reduced power consumption by 80% and the required floor space by 70%, while also delivering increased uptime and enhanced performance.



University Campus Suffolk in the UK

Energy Reduction by Changing Humidifying Methods in Clean Rooms

Fujitsu Component Limited is reducing energy use by changing the humidifying methods used in clean rooms and making effective use of waste heat from compressors in its R&D centers. Conventionally, humidity in the clean rooms of touch panel manufacturing plants came from steam in boilers within air conditioners, but the method was changed to a pure water spray. This improved humidity management and control, as well as reduced the amount of fuel needed to run the boiler. Furthermore, the air conditioner inside the clean room was previously run throughout the year. Switching to a pure water spray absorbed heat through evaporation, thereby lowering the room temperature and reducing the need for cooling. The result was a reduction of approximately 650 tons of CO₂ emissions (a 20% decrease from the previous year) and an annual cost saving of over ¥20 million.



Humidifying by pure water spraying

Universal Design

Creating a Society Where People Can Enjoy Security, Safety, Convenience, and Prosperity

Fujitsu is working to implement universal design aimed at realizing a technology-based society where everyone can participate. We will develop and provide products and services that facilitate greater social participation by being easy for everyone to use.



Profile

Company Name	Fujitsu Limited
Corporate Headquarters	Shiodome City Center, 1-5-2 Higashi-Shimbashi, Minato-ku, Tokyo 105-7123, Japan
Telephone	+81-3-6252-2220
Established	June 20, 1935
Main Business Activities	Manufacture and sale of communications systems, information processing systems, and electronic devices, and the provision of services related to those products
Capital	¥324,625,075,685 (as at March 31, 2014)
Employees	Consolidated: 162,393 Unconsolidated: 25,616 (as at March 31, 2014)
Consolidated Subsidiaries	512 companies (as at March 31, 2014)
URL	http://www.fujitsu.com/global

Management (As at July 31, 2014)

BOARD OF DIRECTORS

President and Representative Director	
Masami Yamamoto	
Corporate Executive Officer and Representative Director	
Masami Fujita	
Corporate Executive Officer and Director	
Chikafumi Urakawa	
Yoshikazu Kudoh	
Norihiko Taniguchi	
Director	
Haruo Ito	Fuji Electric Co., Ltd.
Takashi Okimoto	Chuo Real Estate Co., Ltd.
Tatsuzumi Furukawa	
Miyako Suda	The Cannon Institute for Global Studies
Jun Yokota	Special Advisor to the Chairman of KEIDANREN
Senior Executive Adviser and Director	
Michiyoshi Mazuka	

AUDIT & SUPERVISORY BOARD MEMBERS

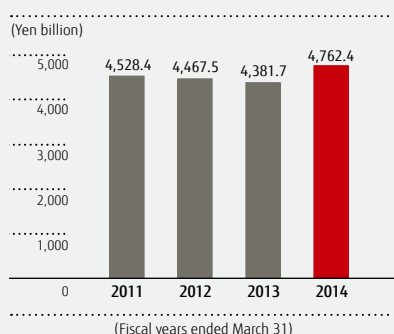
Audit & Supervisory Board Member	
Kazuhiko Kato	
Akihiko Murakami	
Audit & Supervisory Board Member (External)	
Megumi Yamamuro	Uryu & Itoga
Hiroshi Mitani	TMI Associates
Koji Hatsukawa	CPA

CORPORATE EXECUTIVE OFFICERS

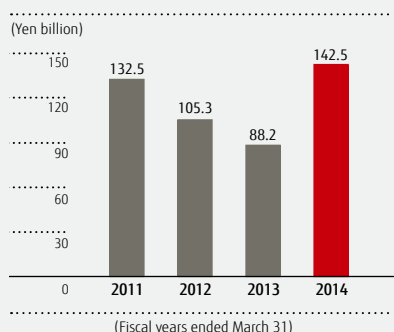
Masami Yamamoto	President	Kiyoshi Handa	SVP, Head of Distribution Industry Business Unit
Masami Fujita	SEVP, Head of Global Corporate Functions	Yoshiki Kondou	SVP, Head of Business Management Unit, Japan Sales
Masahiro Koezuka	Vice Chairman	Motoyuki Ozawa	SVP, Vice Head of Manufacturing & Distribution Industry Sales Group
Chikafumi Urakawa	SEVP, Head of Japan Sales	Kazuo Imada	SVP, Software Business
Yoshikazu Kudoh	SEVP, Head of Service Platform Business	Toshiharu Kitaoka	SVP, Head of West Japan Sales Business Unit
Norihiko Taniguchi	SEVP, Head of Integration Services Business	Hiroaki Kondo	SVP, Head of Storage Systems Business Unit
Tsuneo Kawatsuma	CTO&CIO	Shingo Kagawa	SVP, Head of Network Services Business Unit
Masaaki Hamaba	EVP, Head of Financial Services & Social Infrastructure Sales Group	Katsumi Takada	SVP, Head of Mobile Phones Unit
Kazuhiro Igarashi	EVP, Head of Business Operations Group	Youichi Hirose	SVP, Head of Corporate Finance Unit
Yoshihiko Hanada	EVP, Head of Manufacturing & Distribution Industry Sales Group	Akira Endou	SVP, Head of Systems Integration Technology Unit
Hiroyuki Ono	EVP, Head of Public Sector & Regional Sales Group	Shinji Yoshii	Vice Head of Distribution Industry Business Unit
Jiro Otsuki	EVP, Head of Network Business Group	Katsumi Nakano	SVP, Head of East Japan Sales Business Unit
Akira Kabemoto	EVP, Vice Head of Service Platform Business	Hideki Kiwaki	SVP, Social Infrastructure, Integration Services Business
Kuniaki Saito	EVP, Head of Ubiquitous Products Business Group	Chiseki Sagawa	SVP, Head of Platform Strategic Planning Unit
Hidehiro Tsukano	CFO	Takeshi Nakajima	SVP, Head of Government & Public Utilities Sales Business Unit
Tango Matsumoto	EVP, Head of Global Marketing	Masaki Kubota	SVP, Head of Financial Services Business Unit I
Tatsuya Tanaka	SVP, Head of Asia Region	Makoto Yonekura	SVP, Head of Outsourcing Business Unit
Hiddenori Furuta	EVP, Head of Global Delivery	Akihisa Kamata	SVP, Head of Global Business Management Unit
Duncan Tait	EVP, Head of EMEA Region	Fumihiko Teduka	SVP, Head of Social Infrastructure Business Unit
Kazuhiko Ogawa	Executive Fellow	Robert Pryor	SVP, Head of Americas Region
Yutaka Abe	VP, Head of Partners Business Unit	Katsuhiko Satou	SVP, Head of Manufacturing & Distribution Industry Systems Business Unit
Shinichi Koizumi	SVP, Vice Head of Financial Services & Social Infrastructure Sales Group	Akihiro Okada	VP, Head of Cloud Business Unit
Mitsutoshi Hirono	SVP, Head of Innovation Business Unit	Shikou Kikuta	SVP, Head of Service Management Unit
Mitsuya Yasui	EVP, Head of Legal, Compliance & IP Unit	Hiroyuki Sakai	EVP, Head of Corporate Planning and Business Strategy Office
Hiroyasu Takeda	EVP, Head of Personal Systems Business Unit	Jou Oda	SVP, Head of Service and Platform Business Development Unit
Takashi Yamada	EVP, Service Platform Business	Toshio Hirose	SVP, Head of Manufacturing Industry Business Unit
Takato Noda	SVP, Head of Enterprise Server Business Unit	Mike Foster	SVP, Head of Oceania Region
Hiromu Kawakami	SVP, Head of Purchasing Unit		

History of Fujitsu

Net Sales (Consolidated)



Operating Income (Consolidated)



*In accordance with the adoption of the amended IAS 19, the figures for fiscal 2012 have been retroactively revised.

June	1935	Fuji Tsushinki Manufacturing Corporation established as a manufacturer of communications equipment
May	1949	Lists new company stock on the newly reopened Tokyo Stock Exchange
October	1954	Completes FACOM 100, Japan's first relay-type, electronic computer
May	1962	Establishes Fujitsu Laboratories
June	1967	Formally changes Japanese name to Fujitsu Kabushiki Kaisha (Fujitsu Limited)
January	1972	Establishes Japan America Institute of Management Science (JAIMS)* ¹
December	1972	Invests in Amdahl Corporation (US)
November	1974	Unveils FACOM M series of mainframe computers
April	1979	Announces Japanese Processing Extended Features (JEF) code, making it possible to process Japanese kanji characters
May	1980	Introduces Fujitsu's first Japanese-language word processor, OASYS 100
May	1981	Introduces Fujitsu's first personal computer, FM-8
November	1990	Takes 80% stake in UK-based International Computers Limited (ICL)
June	1992	Unveils PROPOSE, an integrated service framework for information and communication systems
October	1993	Introduces FMV Series of personal computers based on AT-compatible architecture
May	1995	Introduces new GS8000 series, a global server employing the world's fastest CMOS general-purpose processor and parallel processing technology
August	1995	Commercializes the world's first 42-inch color plasma display panel (PDP)
December	1995	Opens the Tatebayashi System Center as a base for outsourcing services
September	1997	US-based Amdahl Corporation becomes a wholly owned subsidiary of Fujitsu
November	1997	Establishes SOLUTIONVISION, a new business architecture featuring network computing solutions
October	1998	UK-based ICL becomes a wholly owned subsidiary
June	1999	Receives external certification for environmental accounting, a first in Japan
July	1999	Merges Fujitsu's InfoWeb Internet service with the NIFTY-serve online information service to form the @nifty Internet service provider
May	2000	Aligns PRIMERGY IA server brand with PRIMEPOWER UNIX server brand
May	2001	Strengthens initiatives in the area of broadband Internet
February	2002	Establishes the "TRIOLE" platform-integration strategy
April	2002	Aligns the services business in Europe and North America to establish Fujitsu Services Holding PLC and Fujitsu Consulting Holdings, Inc.
June	2002	Becomes the world's first manufacturer to use biodegradable plastic in notebook computers
January	2003	Reaches agreement on a strategic collaboration to develop mission-critical enterprise servers with Intel Corporation
November	2003	Opens Fujitsu Solution Square, the company's strategic center for its solutions business
June–December	2004	Expands strategic global alliances, forming partnerships with Sun Microsystems, Inc., SAP AG, Microsoft Corp., and Cisco Systems, Inc.
April	2005	Releases PRIMEQUEST, the world's most powerful mission-critical IA server
June	2005	Launches the PalmSecure contactless palm vein authentication equipment business worldwide
November	2005	Concludes a global technology partnership agreement with US-based Electronic Data Systems Inc. (EDS)
April	2007	Releases the Solaris/SPARC server, achieving new standards in speed and reliability in open systems
March	2008	Spins off the LSI business to establish Fujitsu Microelectronics Limited
April	2009	Converts Fujitsu Siemens Computers GmbH into a wholly owned subsidiary to establish Fujitsu Technology Solutions (Holding) B.V.
April	2010	Opens Fujitsu Trusted Cloud Square, a facility for testing cloud computing systems
June, November	2011	The K computer achieves the world's top-ranked processing speed for two consecutive periods (TOP500 list in June and November 2011)
November	2011	Launches PRIMEHPC FX10, a supercomputer that scales up to 23.2 petaflops and developed based on the technology employed in the K computer
June	2012	Completes the K computer
April	2013	Announces Fujitsu Technology and Service Vision
May–January	2013–2014	Systemizes Fujitsu product and services groupings for cloud, big data, mobility, and security to accelerate innovation for customers and companies* ²

*1 JAIMS is a non-profit corporation authorized by the State of Hawaii Department of Education. It was established to foster increased mutual understanding among business people in the Asia-Pacific region.

*2 "FUJITSU Cloud Initiative," "FUJITSU Big Data Initiative," "FUJITSU Mobile Initiative," and "FUJITSU Security Initiative"

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- Microsoft is a registered trademark of Microsoft Corporation of the US in the US and other countries.
- Cisco is a registered trademark of Cisco Systems, Inc. in the US and other countries.
- "K computer" is a registered trademark of RIKEN.
- All other proper nouns such as company and product names shown herein are the trade names, trademarks or registered trademarks of the respective holders.
- The content and data shown in this report are correct as at October 31, 2014.

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