

NTT DATA

 Trusted Global Innovator

Mission Statement

NTT DATA uses information technology to create new paradigms and values, which help contribute to a more affluent and harmonious society.

The NTT DATA Group leverages its mainstay domain, information technology, to create the frameworks of the future and generate new value for clients and society.

Rather than just pursuing our own profits, we aim to contribute to the growth and sustainability of society as a whole.

We view these aims as the NTT DATA Group's social mission and raison d'être.

Group Vision

Trusted Global Innovator

Values

**Clients First
Foresight
Teamwork**

With the intention of becoming a partner that utilizes technology to realize future business innovations, the NTT DATA Group announced its new Group Vision of becoming a Trusted Global Innovator. We aim to contribute to client business growth and the resolution of social issues around the world, becoming a presence giving rise to social innovations by creating new markets utilizing digital technologies, providing high-quality services, and proactively engaging in technological innovation.

Foresight

Future Prospects for Technology NTT DATA Technology Foresight

The technologies driving innovation are the mechanisms that drive society into the future and existing business models toward a new stage. At present, the advance of digitization is the next departure point for social innovation, thus it is important to make optimal management decisions, perceive future changes, and clearly understand the path to follow. At NTT DATA, we are studying the advanced technologies and social trends that will have a major impact in the next three to 10 years and publish the future predictions derived from these results every year as NTT DATA Technology Foresight. Based on this trend information, we deepen communication with clients focused on the future.



Collaboration

We will pioneer the future alongside clients and business partners—this is our intention. NTT DATA will share in the future indicated by NTT DATA Technology Foresight, combining know-how and resources to create innovation.

Creating Value with Clients

Through its open innovation forum, "From the Port of Toyosu," NTT DATA provides opportunities to create innovative businesses that create win-win-win relationships. We aim to multiply the cutting-edge technologies and ideas of global venture capital firms, with those of NTT DATA clients in various industries (including leading corporations and financial and public institutions) and the NTT DATA technologies and business solutions that support global communications infrastructure.

Co-Creation Initiatives



Global open innovation contest



Open innovation forum
"From the Port of Toyosu"



SDGs global startup program
(Joint operation with JIN)

Toward a Connected Future

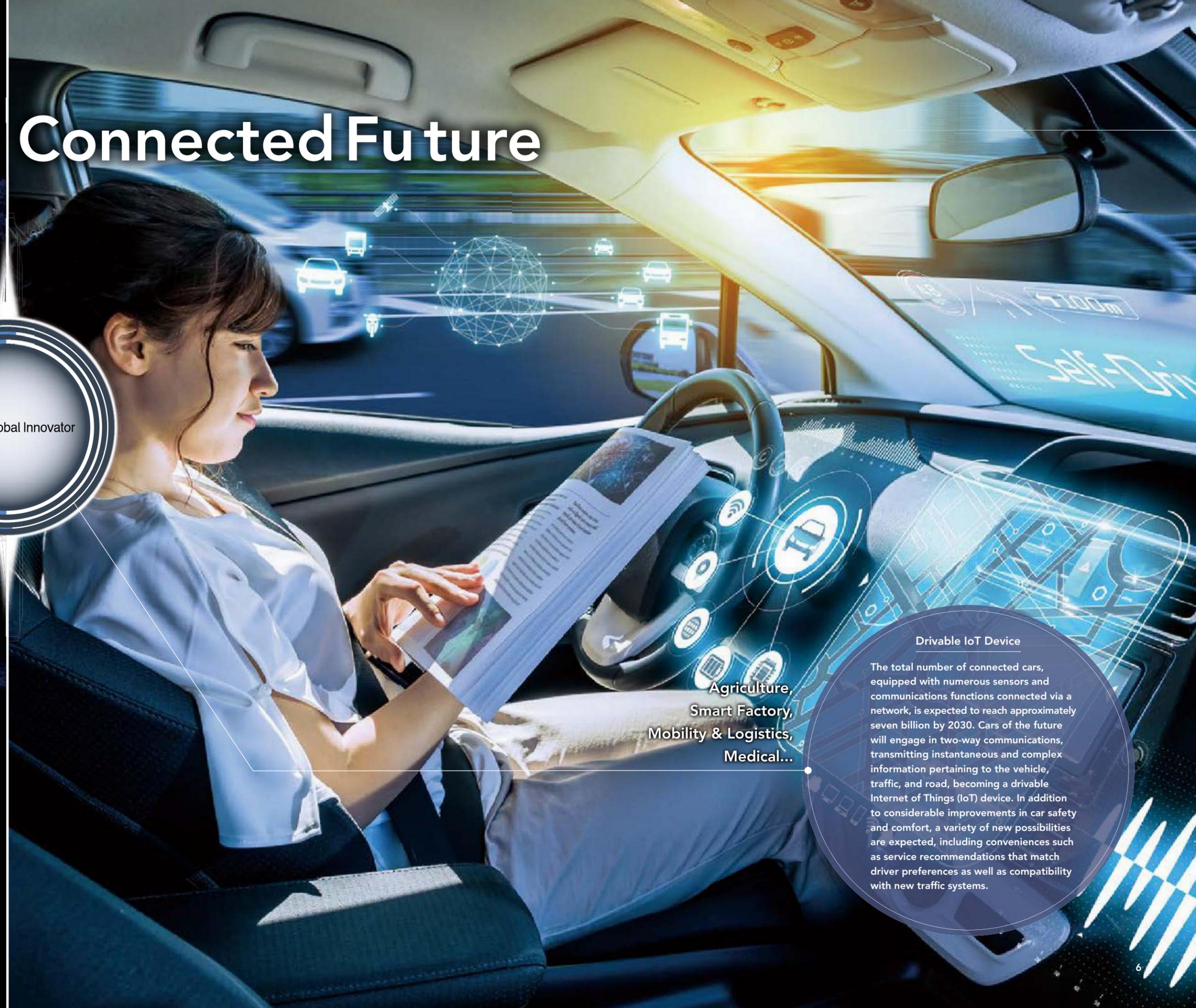
NTT DATA

Internet of Things
Cybersecurity
Intelligent Automation

Trusted Global Innovator

Case.1 AI / IoT

NTT DATA promotes initiatives aimed at realizing a fully connected society through the knowledge gained by constructing numerous large-scale corporate backbone systems and alliances with the NTT Group. One example of this is the testing of self-driving city buses in collaboration with industry-government-academia, aimed at establishing and providing new public transportation services to resolve labor shortages and other issues surrounding public transportation. We work with clients to create new businesses and services as a connected innovation partner combining multiple technologies, including telecommunications technologies, data processing, artificial intelligence (AI), and security.



Agriculture,
Smart Factory,
Mobility & Logistics,
Medical...

Drivable IoT Device

The total number of connected cars, equipped with numerous sensors and communications functions connected via a network, is expected to reach approximately seven billion by 2030. Cars of the future will engage in two-way communications, transmitting instantaneous and complex information pertaining to the vehicle, traffic, and road, becoming a drivable Internet of Things (IoT) device. In addition to considerable improvements in car safety and comfort, a variety of new possibilities are expected, including conveniences such as service recommendations that match driver preferences as well as compatibility with new traffic systems.

Toward a Shared Society

NTT DATA

Cybersecurity
Data & Intelligence
IT Optimization

Trusted Global Innovator

Case.2 Blockchain

Through collaborations with various corporations in Japan and overseas, NTT DATA is engaged in testing aimed at practical applications for the blockchain. We also actively participate in consortiums including the Hyperledger Project combining global IT vendors, settlement institutions, and financial infrastructure-related members. While accumulating knowledge related to technology and business models in global markets, we will explore the possibilities for blockchain technology, combining such technologies as IoT, big data, and security.



Food distribution,
Financial transactions,
Certification...

From Ownership to Shared

Distributed ledger technology enables the exchange of important data requiring a high degree of reliability on an open network. At the core of this technology is the blockchain. By sharing and coordinating ledger information in systems rather than owning it, without going through third-party institutions this technology reduces costs and makes spoofing and falsification difficult. More than a virtual currency, the blockchain is expected to have a revolutionary business impact on financial and real estate transactions, public records, food traceability, and all kinds of industries.

Toward a Borderless World

NTT DATA

Customer Experience
Data & Intelligence

Trusted Global Innovator

Case.3 VR / AR

NTT DATA is taking on the challenge of creating breathtaking user experiences through the introduction of virtual reality (VR) and augmented reality (AR). The Open Championship AR app, which realizes a new way to enjoy watching golf, is just one example. We also provide VR-enabled sports training systems to professional sports teams. Going beyond the use of VR / AR for sports, we continue to lead the "interface revolution," contributing to the creation of new business models for customers through the use of VR / AR in a wide range of sectors, including tourism, sales, education, advertising, and product development.



Tourism,
Medical,
Marketing,
Sports...

Potential to Expand Beyond Physical Laws

VR is a technology that takes people into a space unbound by the physical laws of reality. Through the rapid spread of head-mounted displays (HMDs), this revolutionary interface uses VR and AR, which are technologies that manipulate the human senses, increasingly applied in a variety of areas, including video games, sports, and other entertainment. These technological advances realizing the ability to reproduce human senses and detect behaviors is expected to herald the arrival of a world in which the interface becomes second-nature.

Our Businesses

NTT DATA Group

Continually Expanding Business Domains

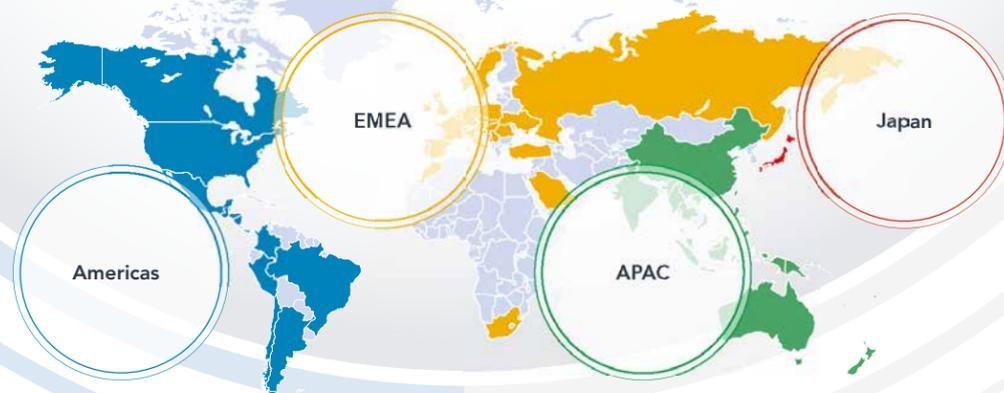
Expanding business domains on the basis of client relationships and technology

 <p>Public Sector Big data and cloud computing to support local communities</p>	 <p>Manufacturing Greater efficiency for manufacturing process systems</p>	 <p>Healthcare and Life Sciences Activating databases for improved healthcare services</p>
 <p>Automotive Technologies and systems driving the automotive industry</p>	 <p>Banking and Financial Services Reliable and advanced systems are the foundation of client trust</p>	 <p>Electronics and High Tech Optimizing technical development, manufacturing, and management operations</p>
 <p>Insurance Expertise and creativity for leading insurance management systems</p>	 <p>Transportation and Logistics Improving organizations and processes to take transportation and logistics forward</p>	 <p>Telecommunications Communications to create new opportunities and client connections</p>
 <p>Media and Entertainment IT solutions for new media business creation</p>	 <p>Wholesale and Distribution Services to support wholesale business evolution</p>	 <p>Retail Improving efficiency and stimulating online sales</p>
 <p>Education Technology for new learning environments</p>	 <p>Service Providers Capturing opportunities in the rapidly changing service industry</p>	 <p>Energy and Utilities Generating dynamic environments while maintaining competitive advantage</p>
 <p>Fundamental Technologies Cloud computing to transform data into a powerful business resource</p>	 <p>Natural Resources Supply chain expertise to conquer new challenges</p>	 <p>Consumer Products Online and mobile innovations for product development</p>

Expanding Geographical Coverage

The NTT DATA Group is expanding geographical coverage with the establishment of a structure consisting of more than 100,000 employees in over 200 cities across more than 50 countries and regions throughout the world.

(As of March 31, 2018)



Response to the SDGs

At the United Nations Sustainable Development Summit in September 2015, the Sustainable Development Goals (SDGs) were adopted by unanimous decision of the 193 member nations. The SDGs is a set of 17 goals and 169 targets to be resolved on a global scale by 2030. Governments around the world are in agreement on these goals. Companies in all industries are positioned as important partners in attaining the SDGs and are being called on to engage in proactive activities to address the SDGs.

The IT services the NTT DATA Group provides, along with its CSR activities, are connected with many of the 17 goals outlined in the SDGs. Through our activities, we are contributing to the achievement of the SDGs.



Relationship between Our Material CSR Challenges and the SDGs

At the NTT DATA Group, we practice Our Way, the guiding principles of our CSR activities, by pursuing our Material CSR Challenges of developing paradigms for social and regional communities, people at work, and the global environment. Along with undertaking Material CSR Issues, we strive to create an infrastructure for CSR management, such as corporate governance, to meet the expectations of the global community.

In addition, we provide a variety of IT services and solutions and pursue CSR activities related to the SDGs. In particular, we contribute to the attainment of the SDGs by conducting business activities in accordance with our three Material CSR Challenges and Material CSR Issues.

Material CSR Challenges	Principal SDGs
Paradigms for society and regional communities <ul style="list-style-type: none"> Contributing to society at large through highly reliable, easy-to-use systems and solutions Contributing to solving the problems that face the regions and countries in which the NTT DATA Group operates 	  
Paradigms for people at work <ul style="list-style-type: none"> Promoting work style innovations for the IT industry as a whole Striving to cultivate next-generation personnel, while respecting the diversity of human resources 	  
Paradigms for the global environment <ul style="list-style-type: none"> Contributing to the greening of customers and society as a whole through IT Contributing to solving environmental problems, including in the NTT DATA Group's activities 	  
CSR Infrastructure <ul style="list-style-type: none"> Ensuring ethical behavior by adhering strictly to all statutory and regulatory requirements Continuing to build a robust foundation for CSR management that responds to the expectations of the global community 	  



Yo Honma

Yo Honma
Representative Director,
President and
Chief Executive Officer

Message from the President

NTT DATA strives to share and practice the three values of “Clients First,” “Foresight,” and “Teamwork” embodied in our mission statement: “NTT DATA uses information technology to create new paradigms and values, which help contribute to a more affluent and harmonious society.” “Long-Term Relationships” with clients built upon this unwavering attitude and a deep understanding of client businesses comprise the foundation of value provided by NTT DATA.

In 2005, we announced the “Global IT Innovator” Group Vision, since which time we have promoted the creation of a global business structure. As a result, we have become a Company with over 110,000 diverse employees working in more than 50 countries and regions throughout the world.

In May 2018, we announced “Trusted Global Innovator” as our new Group Vision. Amid the rise of new services in a variety of areas using digital technologies such as AI, IoT, big data, VR, and robotics, we aim to realize business innovations connecting various ideas and new technologies with clients around the world as a trustworthy partner to our clients.

Throughout the world, there are food and water problems caused by population growth and urbanization, transportation, education, healthcare, disaster prevention, and other social infrastructure challenges, energy and environmental problems, and a variety of other issues that threaten the sustainability of our societies and lifestyles. IT and other advanced technologies are expected to resolve all these issues. NTT DATA is playing a greater role than ever to enable the achievement of the various objectives set forth in the Sustainable Development Goals (SDGs). We will work with clients to spur innovations that lead to the creation of an affluent and smart society as a Trusted Global Innovator that contributes to clients and society.



Information regarding CSR, R&D, and corporate governance, along with detailed financial data of the NTT DATA Group, is available on the following websites:

▶ **CSR (Corporate Social Responsibility)**
<https://www.nttdata.com/global/en/sustainability/>

▶ **NTT DATA Technology Foresight**
<https://www.nttdata.com/global/en/foresight/>

▶ **Investor Relations**
<https://www.nttdata.com/global/en/investors/>

NTT DATA Corporation

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Koto-ku, Tokyo 135-6033, Japan
Telephone: +81-3-5546-8202
URL: <https://www.nttdata.com/>



Company Information (As of July 1, 2020)

Company Name
NTT DATA Corporation

Head Office
Toyosu Center Bldg., 3-3,
Toyosu 3-chome, Koto-ku,
Tokyo 135-6033, Japan
Telephone: +81-3-5546-8202

Date of Establishment
May 23, 1988

Common Stock
¥142,520 million

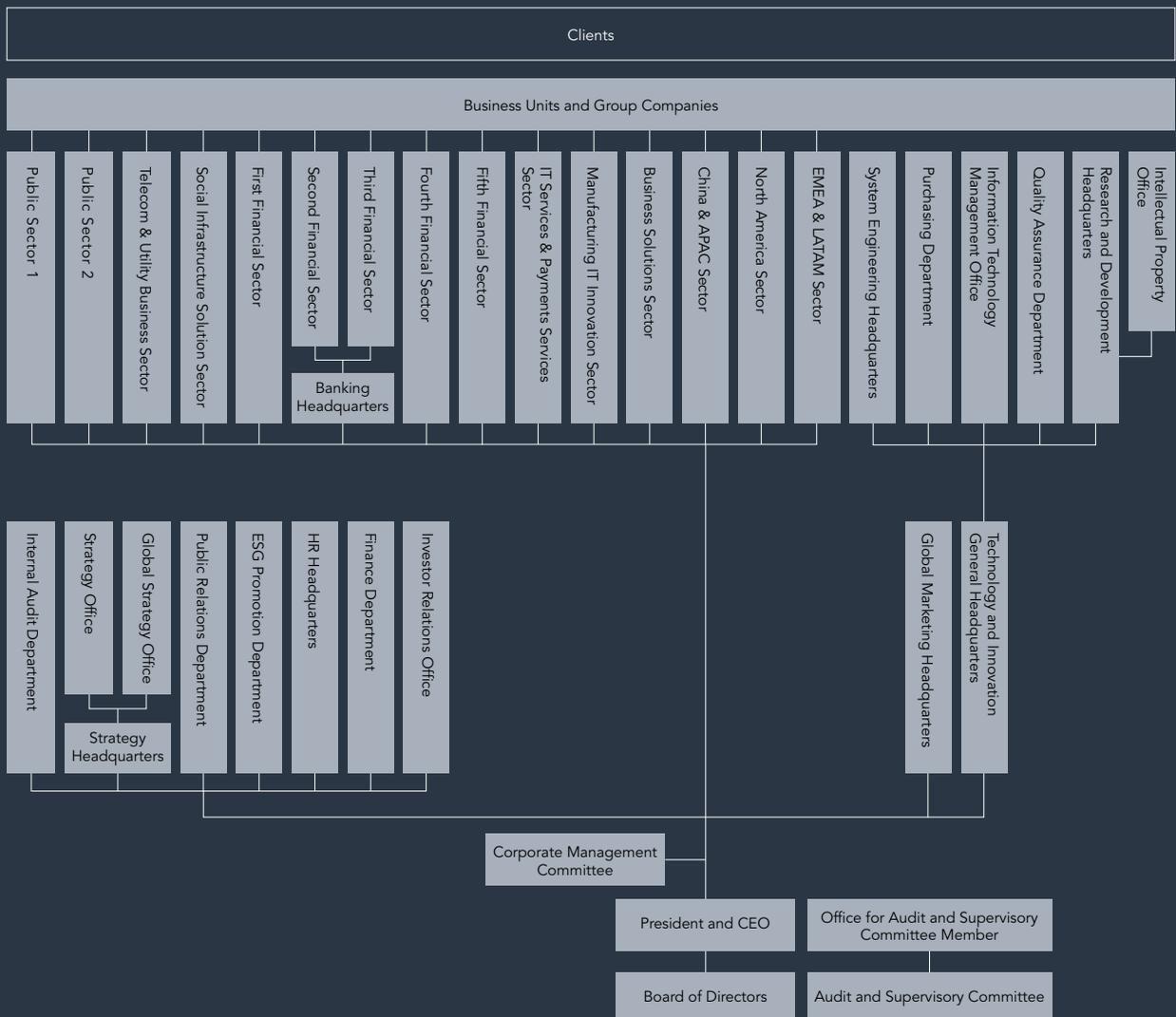
Net Sales
¥2,266,808 million

Employees
133,196

Offices (As of March 2020)



Organizational Structure (As of July 1, 2020)



Officers (As of June 1, 2020)

Directors

Representative Director,
President and
Chief Executive Officer

Yo Honma

Representative Director and
Senior Executive Vice President

Shigeki Yamaguchi

Responsible for Public &
Social Infrastructure Segment,
Enterprise & Solutions Segment,
and China & APAC Segment

Representative Director and
Senior Executive Vice President

Toshi Fujiwara

Head of HR Headquarters
Responsible for Corporate Management
(CFO, CHRO, CRO) *1 and Technology
Management (CTO, CKO, CISO) *2

Representative Director and
Senior Executive Vice President

Kazuhiro Nishihata

Responsible for Americas &
Europe Segment
and Global Marketing

Director and Executive Vice Presiden

Hisashi Matsunaga

Head of Banking Headquarter,
Responsible for Financial Segment

Director and Executive Vice President

Masanori Suzuki

Head of Strategy Headquarters
Head of Strategy Office, Strategy
Headquarters
Deputy responsible for Corporate
Management *1

Director

Eiji Hirano

Outside Director *3

Director

Mariko Fujii

Outside Director *3

Director

Patrizio Mapelli

Director

Takeshi Arimoto

Director

Fumihiko Ike

Outside Director *3

Director, Audit and Supervisory
Committee member (Full-Time)

Tetsuro Yamaguchi

Outside Director *3

Director, Audit and Supervisory
Committee member (Full-Time)

Tetsuya Obata

Outside Director *3

Director, Audit and Supervisory
Committee member (Full-Time)

Katsura Sakurada

Outside Director *3

Director, Audit and Supervisory
Committee member

Rieko Sato

Outside Director *3

Executive Vice Presidents

Yutaka Sasaki

Head of Manufacturing IT Innovation Sector
Head of Business Solutions Sector

Hidenori Chihara

Head of Public Sector 2
Deputy responsible for Public &
Social Infrastructure Segment

Isao Arima

Head of IT Services & Payments
Services Sector
Head of Fourth Financial Sector

Senior Vice Presidents

Takashi Nakamura

Head of Finance Department

Ken Tsuchihashi

Head of China & APAC Sector
Chairman & Chief Executive Officer,
NTT DATA Asia Pacific Pte. Ltd.

Yoshiharu Kouno

Head of Telecom & Utility Business Sector

Tomofumi Murayama

Head of Public Sector 1

Naoyuki Mori

Head of First Financial Sector

Kazuko Inamura

Head of Second Financial Sector,
Banking Headquarters

Koji Miyajima

Chair of the Board,
NTT DATA EMEA Ltd.

Bob Pryor

NTT DATA Services
Chief Executive Officer

Asako Toyoda

Head of Global Strategy Office,
Strategy Headquarters

Yoko Tomioka

Head of ESG Promotion Department

Katsufumi Fukunishi

Head of Social Infrastructure
Solution Sector

Chieri Kimura

Head of North America Sector
Head of EMEA & LATAM Sector

Hiroshi Tomiyasu

Head of Technology
and Innovation General Headquarters

Kenji Nagai

Chair of the Board,
NTT DATA (CHINA) INVESTMENT Co., Ltd.
Chair of the Board,
NTT DATA (CHINA) Co., Ltd.
Chair of the Board,
NTT DATA Taiwan Co., Ltd.

Shigeru Mitani

Head of Third Financial Sector,
Banking Headquarters

Robb Rasmussen

Head of Global Marketing Headquarters
Head of Global Accounts &
Industries Division,
Global Marketing Headquarters

*1 Corporate Management includes responsibilities for business strategy, human resources (CHRO), finance and investor relations (CFO), ESG promotion, legal, risk management (CRO), and public relations.

*2 Technology Management includes responsibilities for technology development and research (CTO), purchasing, quality assurance, information management and intellectual property (CKO), information security (CISO), and IT systems.

*3 NTT DATA has designated Eiji Hirano, Mariko Fujii, Fumihiko Ike, Tetsuro Yamaguchi, Tetsuya Obata, Katsura Sakurada, and Rieko Sato as independent directors.

Medium-Term Management Plan

~Midpoint to Global 3rd Stage~

Pursuing profitable global growth with consistent belief and courage to change

NTT DATA unveiled its Medium-Term Management Plan (FY2019–2021) in May 2019, and initiatives based on this plan were launched thereafter. Under this plan, the three-year period beginning with FY2019 has been positioned as an important period for working to reach the Global 3rd Stage (Global Top 5) around 2025.

A core concept of the plan is increasing our strength with regard to four key factors. For “1. Growth,” we will bolster our ability to increase net sales and expand our customer base to enter the Global Top 5. To enhance “2. Earnings,” we will increase the portion of our sales attributable to high-added-value digital business while pursuing further breakthroughs in production technologies and promoting regional efficiencies.

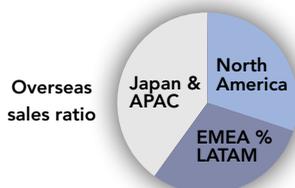
Meanwhile, given that NTT DATA's operating environment is undergoing significant changes, it is vital to maintain the “COURAGE TO CHANGE” things that need to be changed and continue to do so boldly. Accordingly, we must embrace transformations that will strengthen our “3. Transformation” and “4. Synergy” capabilities to hone the NTT DATA-specific strengths that will enable us to provide high value based on three strategies.

At the same time, companies are being called on to tackle global social and environmental issues, as seen in the adoption of the United Nations' Sustainable Development Goals (SDGs). Based on this recognition, we have clarified NTT DATA's ESG management policy as maintaining the “CONSISTENT BELIEF” and incorporated this policy into our strategies.

Around 2025

Trusted Global Innovator

Aiming to become a company
trusted by clients worldwide with
Global Top 5 status



Client base*1 of more than

100 companies

Rank in **Top10** in major countries

Profitable Global Growth: FY2021 Business Goals

G rowth	Net Sales	Client Base*1	E arnings	Operating Income Margin*2	Overseas EBITA*2 Margin
	¥2.5 trillion	Over 80		8%	7%

COURAGE TO CHANGE

Maximize Value for Our Clients

Growth Driver: Digital & Global

Transformation & Synergy

Strategy 1	Strategy 2	Drive NTT Group collaboration
Expand global digital offerings	Deliver greater value to clients based on regional needs	
Strategy 3		
Unleash our employees' potential that maximize organizational strengths		

CONSISTENT BELIEF

Shape the Future Society with Our Clients

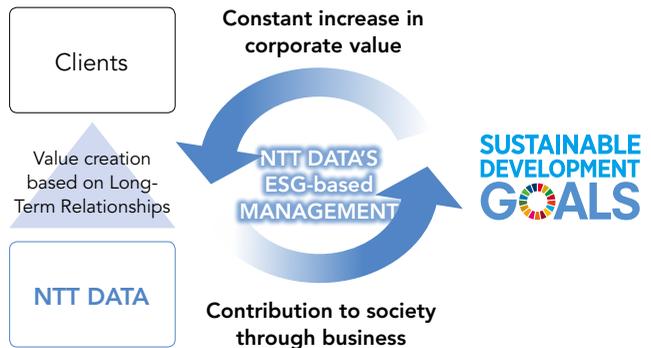
*1 Clients with annual sales of over ¥5 billion (Japan) or US\$50 million (ex-Japan)

*2 Excluding temporary costs such as M&A and structural transformation

CONSISTENT BELIEF

Shape the Future Society with Our Clients

To “shape the future society with our clients,” we will contribute toward achieving the SDGs and cultivate ongoing increases in corporate value by creating value based on Long-Term Relationships with clients. Specifically, we aim to contribute to society through our business by providing social infrastructure and business category-specific solutions in collaboration with our clients to help resolve social issues. Furthermore, in our corporate activities we will embrace workstyle innovations, respect diversity, and promote other initiatives that give maximum consideration to social issues. As a result, we aim to minimize risk and maximize our employees’ capabilities.



COURAGE TO CHANGE

Three Strategies for Maximizing Value for Our Clients

Amid the onward march of digitization and globalization, as well as the major changes taking place in our business environment, we recognize the need to change ourselves in order to maximize the value we provide to clients. To this end, as we maintain the courage to change we will enact three strategies to step up our transformational and synergistic capabilities. To date, we have operated our business based on strategies tailored to the characteristics of individual regions. In addition, going forward we will create offerings we can provide globally. We will approach global accounts strategically and unleash our employees’ potential that maximize organizational strengths.

Medium-Term Management Plan (FY2019~)

Strategy 1 Expand global digital offerings

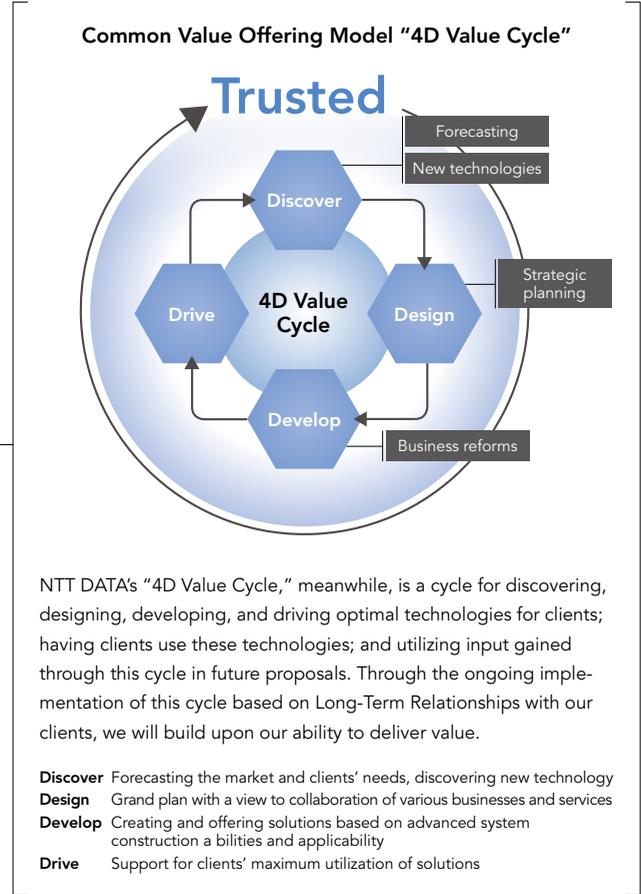
We will create offerings we can roll out globally and strategically approach global accounts. At the same time, we will bolster our global strengths overall by using our Center of Excellence (CoE) to provide support for the offerings we have created and deploying the offerings into individual regions.

Strategy 2 Deliver greater value to clients based on regional needs

In addition to providing the digital offerings we have created through Strategy 1, we will further enhance the value we provide to clients by continuing to utilize the “4D Value Cycle” (a value offering model shared throughout NTT DATA), taking into account market characteristics that differ by region and leveraging the Company’s strengths.

Strategy 3 Unleash our employees’ potential that maximize organizational strengths

We will unleash our employees’ potential that maximize organizational strengths to support Strategy 1 and Strategy 2.



Public & Social Infrastructure Segment

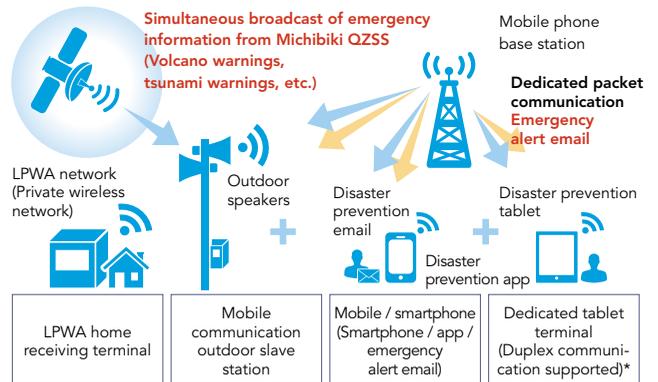
Providing high-value-added IT services that play an important role in social infrastructure, such as government, healthcare, communication, and utility systems, as well as in community revitalization



Broadcast Disaster Information via Community Wireless System via Michibiki Satellite Channel

NTT DATA broadcasts emergency information from the Michibiki satellite through disaster reduction communication systems' outdoor speakers.

We are able to continue to broadcast emergency information during catastrophes even when communication and emergency alert e-mails cannot be sent and when staff cannot reach key stations, thereby contributing to swift responses to natural disasters.



* Installed in shelters, the homes of neighborhood association presidents, and the homes of people requiring assistance

A diverse and optimal method for use with mobile communication networks, LPWA, and Michibiki that quickly and reliably relays disaster information

Tele-ICU System Offering Remote ICU Support to Multiple Healthcare Institutions

The Tele-ICU system supports remote diagnosis by connecting intensive care units (ICUs) of multiple healthcare institutions to a center with a full-time staff of intensive care physicians and allowing the sharing of patients' vital signs, videos, and electronic health records. This system is expected to improve the quality of

healthcare services, reduce physician burden, enhance regional healthcare systems, and address shortages of intensive care physicians, thereby contributing to the higher quality of ICU healthcare services and physicians' workstyle reform.



AW3D® Global Digital 3D Map Services

Contributing to a Wide Range of Sectors Worldwide with 3D Maps Utilizing Satellite Imagery

NTT DATA's AW3D® is the world's first digital 3D map rendering all of the Earth's undulating landscape in detailed, five-meter resolution. Developed and marketed in collaboration with RESTEC, this service utilizes approximately three million satellite images photographed leveraging JAXA's advanced land observation satellite "DAICHI."

For sectors such as urban planning, satellite images from Maxar Technologies (U.S.) are used to realize even more detailed resolutions of 0.5–2 meters. This enables the rendering of detailed topography at the structural level mainly in urban areas.

Compared to conventional methods using aerial photography, 3D maps utilizing satellite imagery are less than a quarter of the cost and can be obtained within a short period of time (approximately one week). In addition, the detail of 3D maps has been significantly enhanced, and as a result they are becoming more widely used. In fact, until now 3D maps only had resolution of

30–90 meters, but with today's enhanced detail they are used by more than 130 countries worldwide, mainly developing nations. Moving forward, we will utilize this technology to keep contributing to improved efficiency and accuracy of disaster prevention, resource and urban planning, and electric power and telecommunication services in Japan and overseas.

Awards in Japan and Overseas

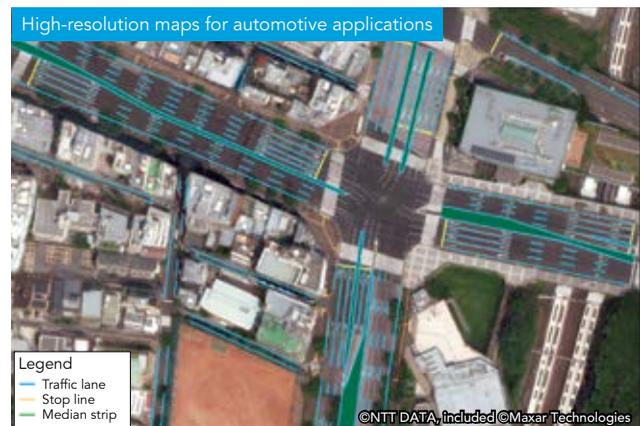
Mar. 2016: Prime Minister's Award in the Second Space Development and Application Award

Jan. 2017: Nikkei Business Daily Awards for Superiority at the 2016 Nikkei Superior Products and Services Awards

Aug. 2017: Asia Geospatial Excellence Award, hosted by Geospatial Media and Communications
Asia Geospatial Technology Innovation Awards 2017

June 2018: Sponsored by the Japan Information Technology Services Industry Association (JISA)
Winner of the Grand Prize at JISA Awards 2018

* Japan Aerospace Exploration Agency (JAXA), Remote Sensing Technology Center of Japan (RESTEC)



Financial Segment

Providing high-value-added IT services to help financial institutions improve operating efficiency and offer services



Maximize Blockchain Technology TradeWaltz®: Transforms the World of Trade

Digitalization of global trade has been considered impossible with existing technologies due to the number of players across countries and industries and the complexity of transactions. To overcome this challenge, NTT DATA developed a trade data sharing platform called TradeWaltz®, which ensures 100% digitalization and data integrity of trade operations with blockchain technology.

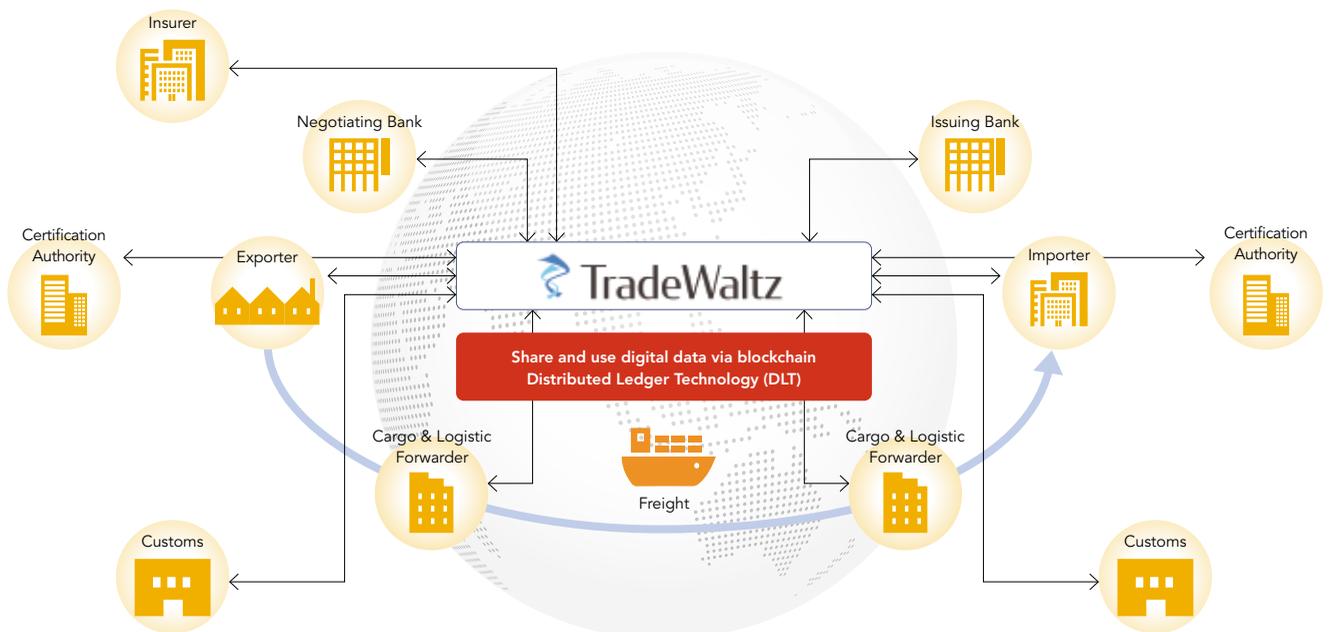
Since 2017, NTT DATA has led the consortium with 18 leading companies from a wide range of sectors such as trading, banking, insurance, and shipping. Members have examined how to improve the efficiency and safety of trade operations using blockchain technology, and conducted Proofs of Concept (PoC) both in Japan and ASEAN countries. In 2020, NTT DATA started full-scale operation of TradeWaltz®, which radically reduces paperwork in response to COVID-19 and cut the workload by up to 50%.

We can make a significant difference in global trade by offering improved responsiveness, data integrity, and transparency to all customers.

Achieve Interoperability between Blockchain Systems

Although blockchain has been introduced in various fields such as finance, these systems are built on separate platforms. To solve this problem, NTT DATA is conducting research and development to achieve interoperability between blockchain systems. By simultaneously performing "Transfer of Value (crypto-assets, etc.)" and "Transfer of Rights (goods and services)" on blockchain, we will provide high-value-added services to our customers.

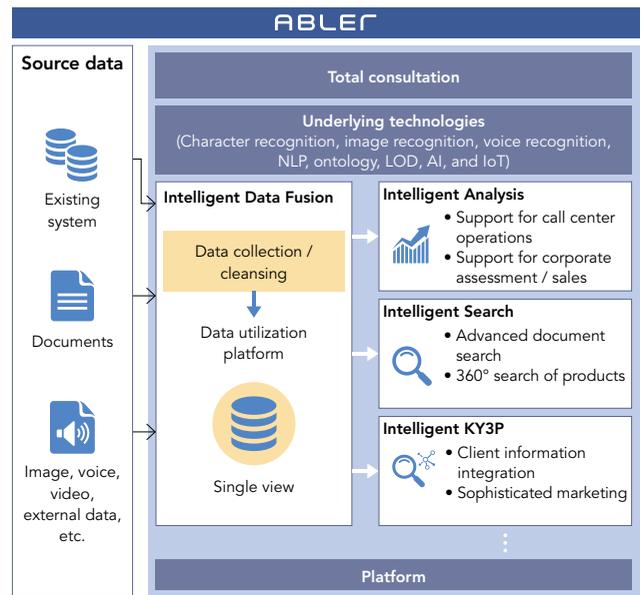
In addition, we can create a new social infrastructure by connecting individual systems and contribute to resolving potential social issues.



ABLER™ Total Support Services for Advanced Data Management

By combining underlying technologies such as ontology and semantic technology, ABLER™ can actively utilize unstructured data including natural sentences, social media posts, and voice data, which have previously been difficult for machines to process. Also, ABLER™ can automate some data management processes to save substantial time for the preparation of data utilization.

Going forward, we will expand ABLER™ services and solution lines serially and support clients in their business transformation and creation of new value through sophisticated data utilization.



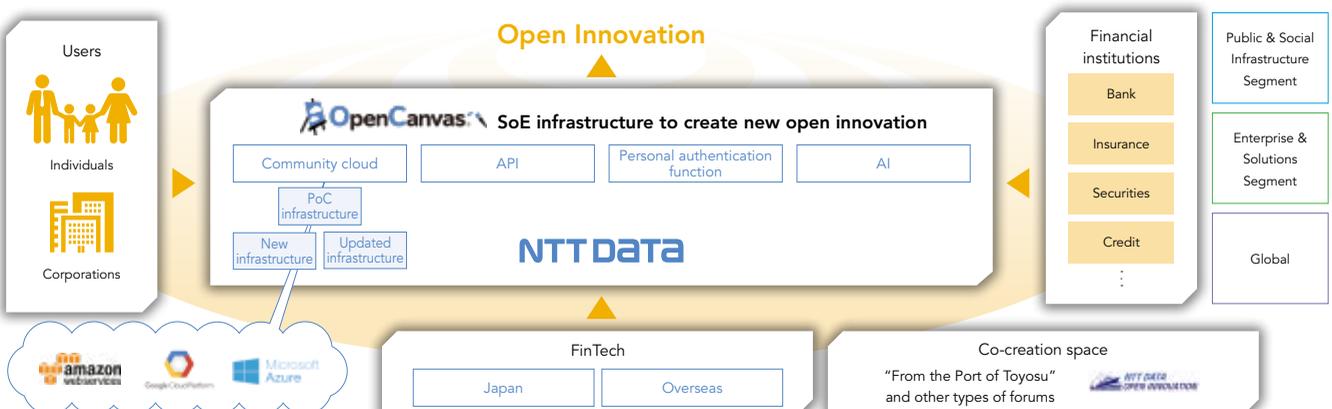
OpenCanvas® for Financial Institutions and Their Customers

A System of Engagement (SoE) Infrastructure Based in Finance That Fosters Open Innovation and Provides Value to a Variety of Industries and Users

The OpenCanvas® cloud service platform was launched in September 2017 to promote the creation of new services by financial institutions and FinTech companies and provides highly reliable and secure application programming interfaces (APIs) and API management function services. Through the API provided by OpenCanvas®, financial institutions can link X-Tech services such as FinTech to each financial institution service, enabling efficient and rapid provision. Another benefit for X-Tech businesses is that the API support provided by OpenCanvas® enables an API link to multiple financial institutions including megabanks that plan to use OpenCanvas®.

Until now, NTT DATA has collaborated with Money Forward,

Inc., and free K.K to launch API-related services for commercial use in April 2016—the first in Japan—linking FinTech services and internet banking, making it the most cutting-edge initiative in the industry. In addition, in 2018 we enabled multilevel connections between various types of data, including image, voice, video, and language, and the AI of each company to provide multi-connection AI functions that support the rapid provision of new services. Going forward, we will continue targeting the creation of services originating in Japan through OpenCanvas® to realize open innovation with financial institutions and FinTech companies throughout the world, providing users with an enriched lifestyle.



Enterprise & Solutions Segment

Providing high-value-added IT services that support business activities in the manufacturing, logistics and retail, and service industries, as well as credit card and other payment services and platform solutions linked to each industry's IT services



Acceleration of Store Digitization through Remote Customer Service by Digital Avatar

Recently, the retail industry has been seeing difficulty in increasing the number of brick-and-mortar stores due to the decrease in the workforce and a shortage of favorable places for new stores to open. At the same time, attention is being turned toward means of providing customer service that reduces face-to-face interactions as well as workstyle reforms, such as those that allow staff to work from home.

NTT DATA is endeavoring to reduce labor requirements and evolve non-face-to-face customer service by using AI and avatars to create new store experiences. By collecting data for predicting

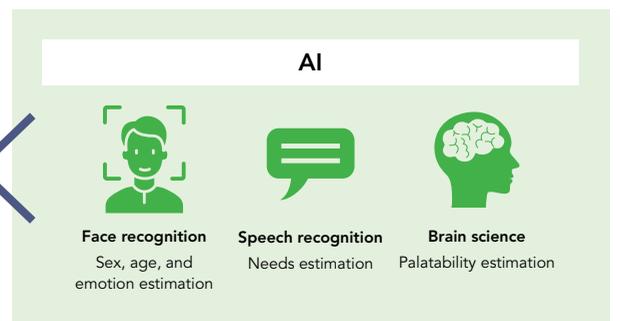
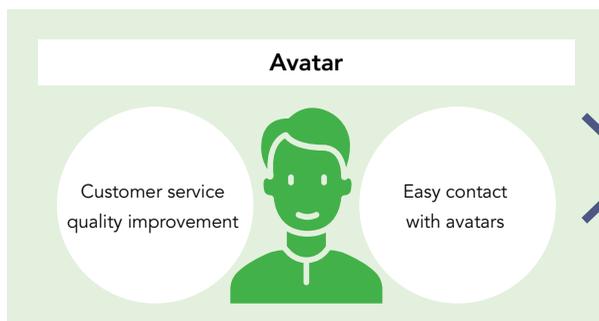
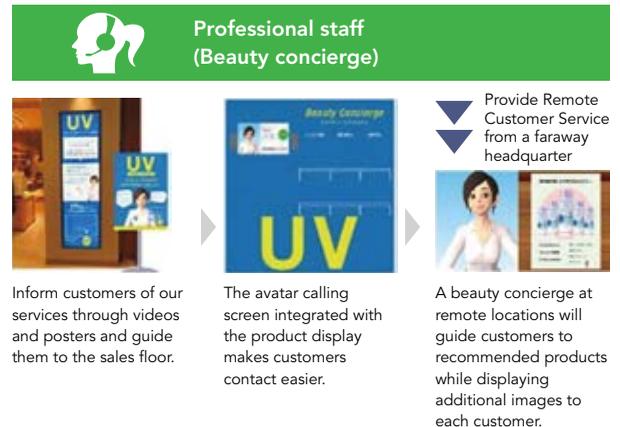
customer demographics and emotions and data on interactions from physical stores, it is possible to track customer characteristics as well as the customer needs that arise during conversations. This understanding can be used in efforts to improve customer service, develop products, and carry out sales promotion campaigns.

Going forward, NTT DATA will continue to utilize its technologies to create brand-new store experiences that are more convenient and exciting for customers.

Deployment of Remote Customer Service by Digital Avatar



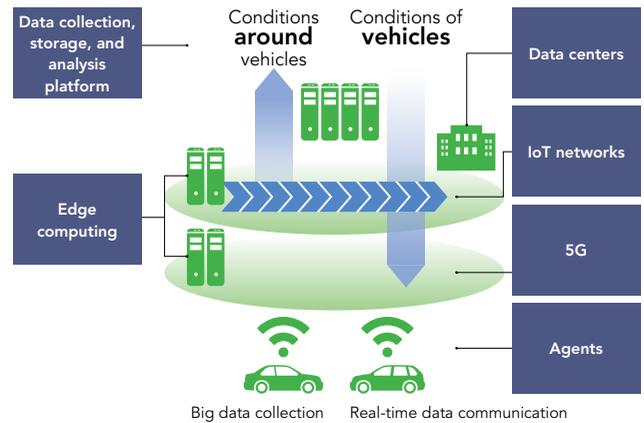
Overview of the Health and Beauty Corner



Shaping of the Future Mobility Society

The NTT Group has teamed up with Toyota Motor Corporation in its quest to shape the mobility society of the future with connected cars. Together, we are conducting joint development of large-scale connected platforms for utilizing the sensor, image, and other data obtained from vehicles.

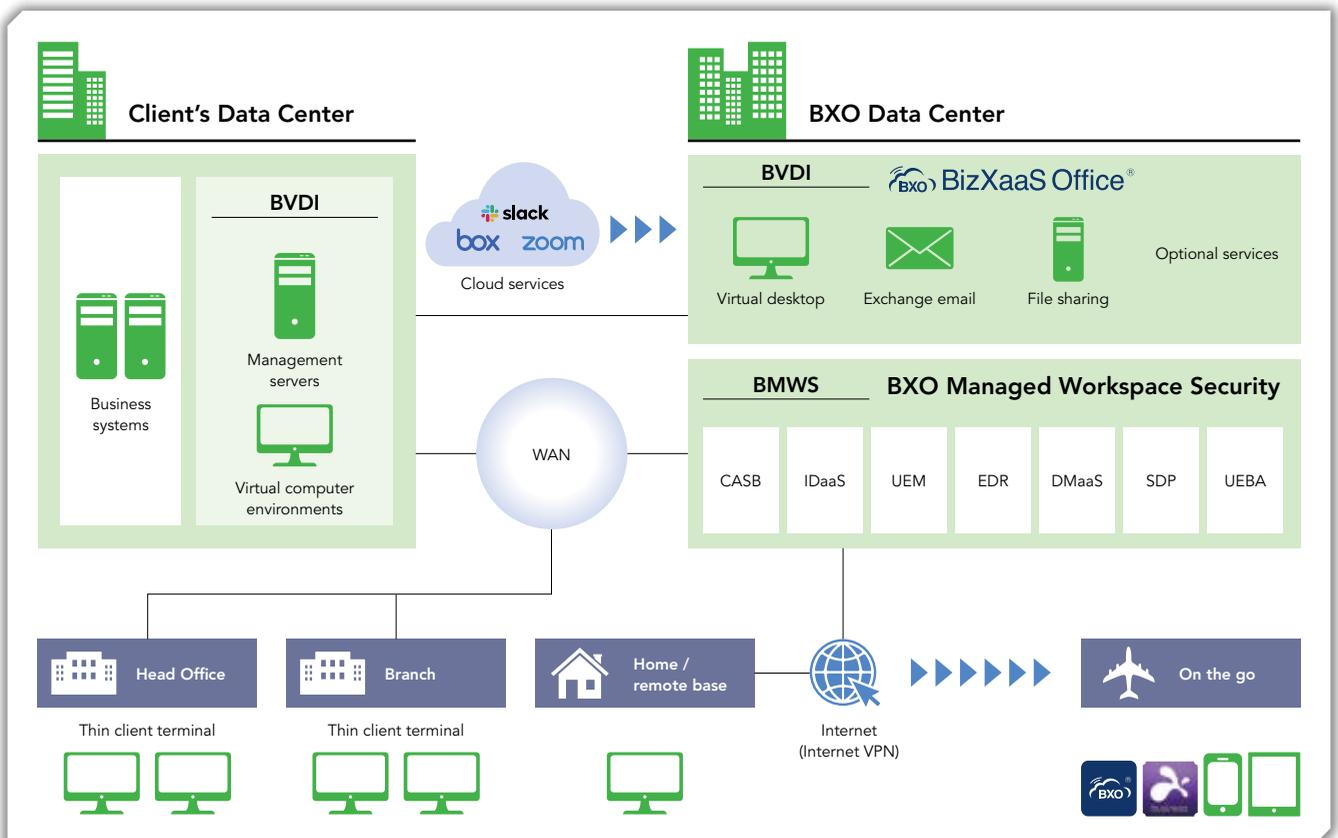
In this undertaking, the NTT Group is consolidating its edge computing, 5G, big data processing, and other technologies in a bid to address traffic congestion and other social issues through connected cars. In the future, we will also work with Toyota Motor to develop smart cities that connect people with vehicles and various other objects.



BizXaaS Office® Digital Workspace

NTT DATA provides BizXaaS Office®, a digital workspace that facilitates new workstyles. By offering virtual desktop services that grant users access to the benefits of highly convenient cloud and mobile services, this solution contributes to higher productivity and employee engagement. Moreover, we offer support for redeveloping customer networks based on the concept of zero

trust network access to address the security deficiencies of existing IT infrastructure that have been made apparent by the diversification of workstyles. NTT DATA is committed to supporting clients' workstyle reforms and developing IT infrastructure that is ideally suited to the new normal arising from the global COVID-19 pandemic.



North America Segment

We provide high-value-added IT services for large enterprises and government entities primarily headquartered in North America.



Oklahoma State Government

NTT DATA received a new large-scale managed service and consulting services contract from the Oklahoma State Government in the United States. We are committed to supporting clients' digital transformations through the optimization of IT infrastructure utilization.

Moreover, NTT DATA supports its clients to improve their business and productivity through promoting automation that utilizes Digital technology, and has been recognized as a leader for the second consecutive year from an external institution.



USAID

NTT DATA has won a new large-scale IT service contract with the United States Agency for International Development (USAID). Through this contract, we will provide infrastructure and application management services across the USAID.

We have built a strong relationship with the client by leveraging a deep understanding of the USAID environment, years of government expertise, and proven performance with public-sector clients. We also leveraged our corporate capabilities to infuse innovation and automation to help improve overall efficiencies of USAID's operations.



EMEA & LATAM Segment

We provide high-value-added IT services for enterprises and government entities primarily headquartered in the EMEA & Latin America.



Digital Transformation Support for Deutsche Bahn AG Using SAP S/4 HANA

The NTT DATA Group has signed a SAP service contracts with Deutsche Bahn AG (German Railway). The receipt of this contract, one of the NTT DATA Group's largest SAP implementation projects, was because of the high recognition of our strengths such as its track record and reliability that comes from providing SAP-related services over a long period of time and rich talent pool of experts, as well as our flexible attitude toward various requests from clients. The NTT DATA Group will continue to work together to support clients' digital transformation by providing integrated services from consulting to implementation.



"ehCOS Remote Health" Cloud-Based Telemedicine Solution

The "ehCOS Remote Health" cloud-based telemedicine solution enables COVID-19 related diagnoses and recommendations to be provided through the collection of symptoms and other clinical information entered by the patient.

In the case of patients with mild or moderate levels of severity, the solution allows remote care processes to be made available, helping healthcare organizations to deploy telemedicine strategies to reduce the collapse of face-to-face care channels.

Moreover, the system allows authorities to collect a large amount of data to analyze the clinical evolution of patients and make better organizational decisions.



Timely Diagnosis and Treatment

Provide timely diagnosis and treatment by self-triage, videoconference, and chat



Continuous Multi-channel Treatment

Health management of positive and negative patients
Communication channels to medical centers and professionals



Data Gathering and Analysis

Analyze the clinical evolution and the resilience of patients
The elaboration of epidemiological clusters