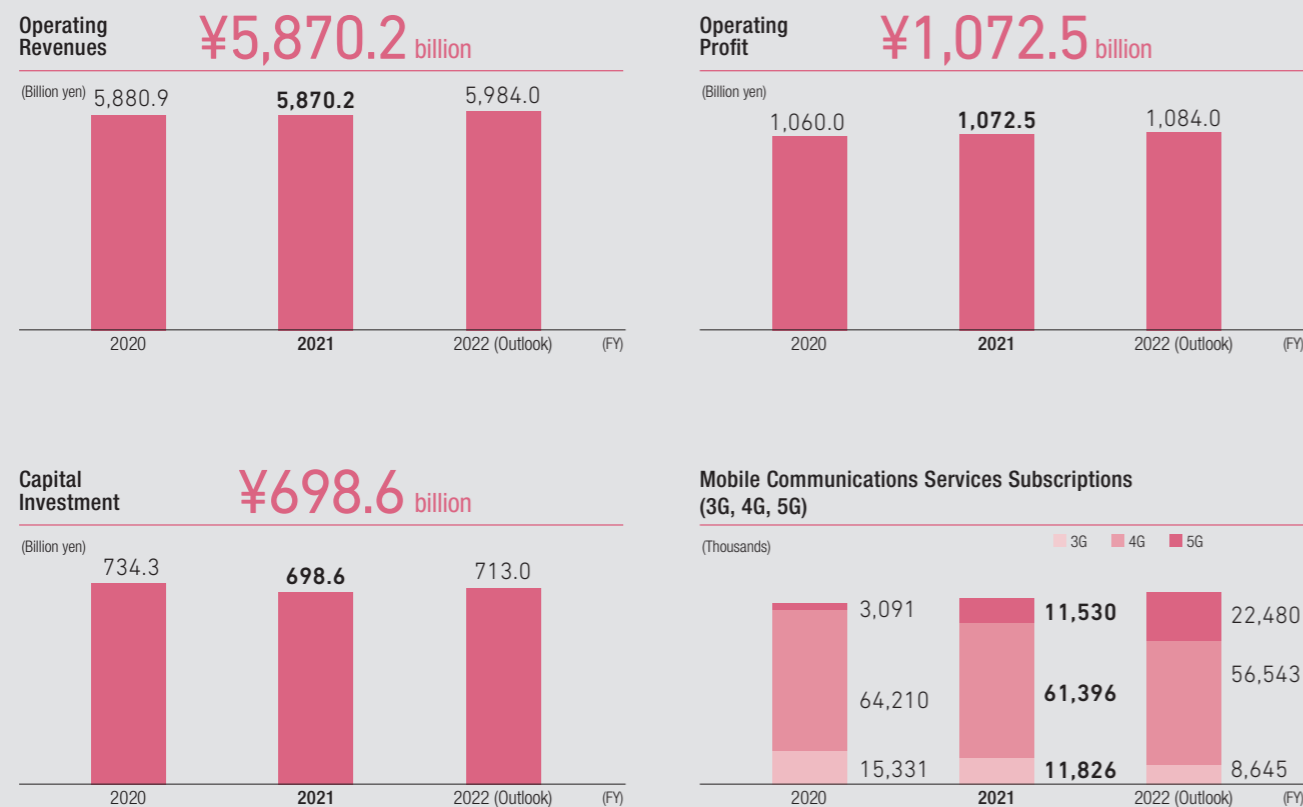


# Integrated ICT Business

In the Integrated ICT Business, in addition to promoting sales of 5G services and “docomo Hikari,” etc., for corporate business, we promoted initiatives for “docomo Business,” a corporate business brand unifying NTT DOCOMO, NTT Communications, and NTT Comware, to support all corporate customers with one-stop service. In the smart life area, we promoted collaborations with various businesses and worked to provide new added value.

## Results for the Fiscal Year Ended March 31, 2022



## TOPICS

### Launched SmartPRO®, a Data Collection Service that Improves the Accuracy of Clinical Trial Evaluations

SmartPRO® (hereinafter “the Service”), which increases the accuracy of clinical trial evaluations conducted by pharmaceutical companies and research institutions, was launched on May 20, 2022.

This service is an ePRO<sup>2</sup> that digitizes subjective evaluations (hereinafter “PRO”<sup>1</sup>) obtained directly from subjects and patients, and allows subjects and patients to relay their condition, such as “pain” or “feeling ill,” from their own smartphones. Pharmaceutical companies and research institutions can view and download patient and subject PROs on the Service. In addition, a logbook function that allows subjects and patients to record all health-related data after the clinical trial as well will be

provided as part of the Service by the end of FY2022. We will also consider new healthcare services that contribute to improving subjects’ and patients’ quality of life by safely and securely utilizing the data collected by the Service.

Through the Service, we will strive to achieve Smart Healthcare that uses digital technology to contribute to the development of healthcare.

<sup>\*1</sup> A PRO (Patient Reported Outcome) is a subjective evaluation of progress and symptoms obtained directly from subjects or patients during clinical trials.

<sup>\*2</sup> An ePRO (electric patient-reported-outcome) are PROs that are filled out and collected electronically.

### Launched XR World®, a Multi-device Metaverse

XR World®, a multi-device metaverse where visitors can casually enjoy communication in a virtual space full of excitement and surprises, became available on March 31, 2022. XR World is a service that allows customers to enjoy a wide range of entertainment content<sup>\*1</sup>, including music, animation, and dance, as well as sports, education, and sightseeing, while communicating with one another through avatars in a virtual space. This service can be enjoyed for free<sup>\*2</sup> with the exception of some content, and can be used within a web browser without the need to

install an application<sup>\*3</sup>. This means users can easily experience the metaverse from a smartphone, tablet or PC without a dedicated HMD (head-mounted display).

<sup>\*1</sup> The service began offering different genres of music on March 31, 2022, and it will gradually expand to include other genres.

<sup>\*2</sup> Basic services are free of charge, but some content is available for a fee.

<sup>\*3</sup> Implemented using HIKKY Corporation’s VR content development engine, “Vket Cloud.”

### Launch of Stand-alone 5G Service

DOCOMO has launched standalone “5G SA”<sup>\*1</sup> as an optional service for customers who subscribe to DOCOMO’s 5G-compatible rate plans beginning August 2022.

DOCOMO will support the use of 5G SA smartphones, and in addition to the Sub-6 band (3.7 GHz/4.5 GHz band), will begin providing support for the 28 GHz millimeter wave frequency band. The communication speed<sup>\*2</sup> reaches a maximum of 4.9 Gbps for receiving and 1.1 Gbps for sending, with both maximum values exceeding 1 Gbps.

We will continue to develop new services and technologies through 5G SA, such as making the service even faster and providing services and corporate solutions that make use of network slicing technology<sup>\*3</sup>, a 5G SA feature, as part of our goal to make our customers’ lives more convenient and enriched.

<sup>\*1</sup> A service that combines 5G-Core (5GC), which is a 5G-dedicated core network facility, and 5G base stations.

<sup>\*2</sup> The maximum speed is the maximum value based on technical standards and does not indicate actual communication speed. The service is provided on a best-effort basis, and actual communication speed will vary depending on the communication environment and network congestion. For more information, please check the DOCOMO website <https://www.docomo.ne.jp/area/5g/> (in Japanese only).

<sup>\*3</sup> A feature unique to 5G SA that enables virtual network partitioning. This enables the provision of an optimal network that meets various needs in a flexible manner.

## Key Initiatives

### ■ Transform our business portfolio to become an integrated ICT company and achieve sustainable growth

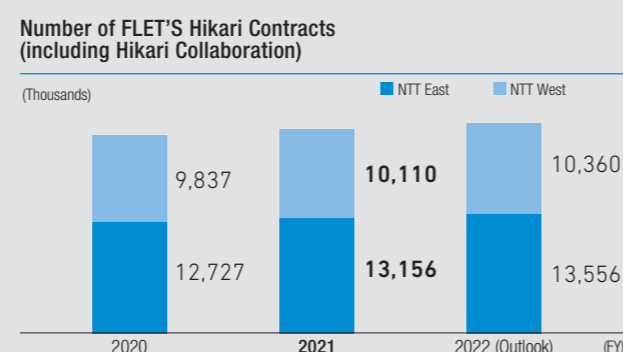
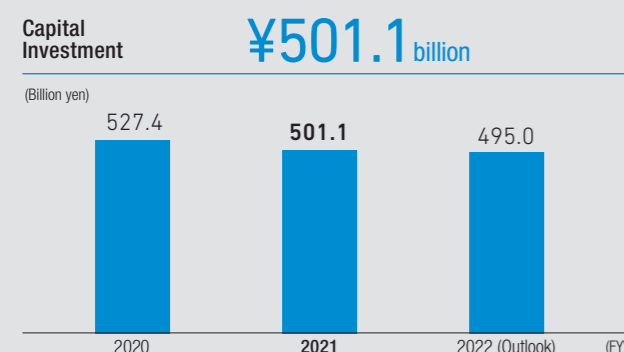
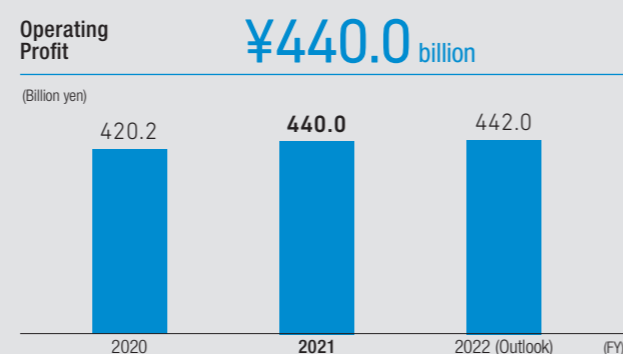
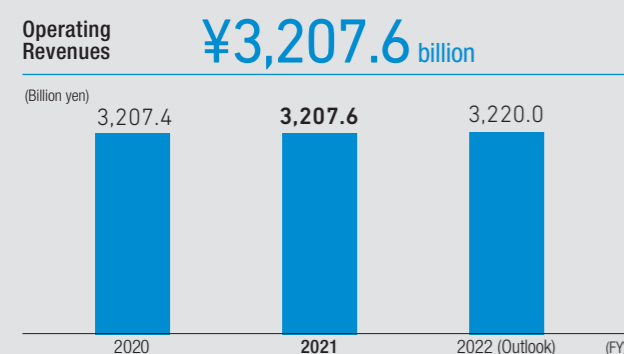
Enterprise Business	<ul style="list-style-type: none"> <li>Expand growth areas such as mobile and cloud solutions</li> <li>Leverage DOCOMO Communications’ strengths to provide value to customers as a one-stop service, from large corporations to small- and medium-sized enterprises</li> </ul>
Smart Life Business	<ul style="list-style-type: none"> <li>Further growth in finance/payment and marketing solutions</li> <li>Expand new areas such as electricity, medical, XR, etc.</li> </ul>
Consumer Communications Business	<ul style="list-style-type: none"> <li>Shift to a growth trajectory with new services and expansion of customer base through 5G</li> <li>Maintain and increase profits through structural reform of sales channels and networks</li> </ul>

# Regional Communications Business



In the Regional Communications Business Segment, we deployed the Hikari Collaboration Model, which provides wholesale fiber-optic access services to various service providers, while also strengthening our solutions business with the aim of revitalizing local communities and regional economies.

## Results for the Fiscal Year Ended March 31, 2022



\*FLET'S Hikari (including Hikari Collaboration) includes FLET'S Hikari Cross, FLET'S Hikari Next, FLET'S Hikari Light, FLET'S Hikari Lightplus and FLET'S Hikari WiFi Access provided by NTT East, FLET'S Hikari Cross, FLET'S Hikari Next, FLET'S Hikari Mytown Next, FLET'S Hikari Light and FLET'S Hikari WiFi Access provided by NTT West, and the "Hikari Collaboration Model" wholesale provision of services provided by NTT East and NTT West to service providers.

## TOPICS

### Establishment of New Company, NTT DX Partner

In January 2022, NTT East established a new company, NTT DX Partner, which will provide support for business reform centered on DX consulting, create and provide a cloud-based digital platform, and analyze customers' various operations and client data. NTT DX Partners will also utilize NTT East Group's DX promotion know-how and assets to provide one-stop support, ranging from DX consulting to implementation and promotion of digital

platforms, in a collaborative, joint development style. This will contribute to customers' success and address local and social issues that arise as well.



### QUINTBRIDGE Opens

In March 2022, NTT West opened QUINTBRIDGE, a co-creation space originating in Kyobashi, Osaka, to promote open innovation and help revitalize the overall market.

QUINTBRIDGE will support business co-creation and human resource development and aims to become a place where companies, startups, local governments, universities, and others can "learn, connect, gather, and create with one another." In business co-creation, we do not stop at formulating ideas, but work with partners to help these business ideas take shape and implement them in local communities, as well as provide various programs (interactive pitch programs, acceleration

programs, etc.) to support this effort.



QUINTBRIDGE

## Key Initiatives

### ■ NTT East - Regional Collaboration Initiatives -

#### Building a Private Network for a Smarter Community

- Establish private networks according to usage
- Provide services to meet multi-access needs

#### Develop new businesses to solve regional social issues

- Develop businesses to meet non-contact and labor-saving needs
- Develop consulting business utilizing accumulated data and expertise
- Generate new value through digitization

### ■ NTT West -Deploying Problem-solving Solutions -

#### Becoming a company that continues growth as a social ICT pioneer

- As a pioneer in using ICT to solve various issues brought about by changes in the social environment, contribute to societal development and sustainable growth (SDGs), and continue to transform into a company beloved and trusted by the community

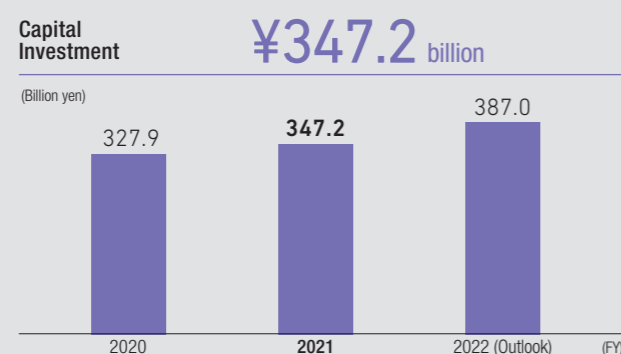
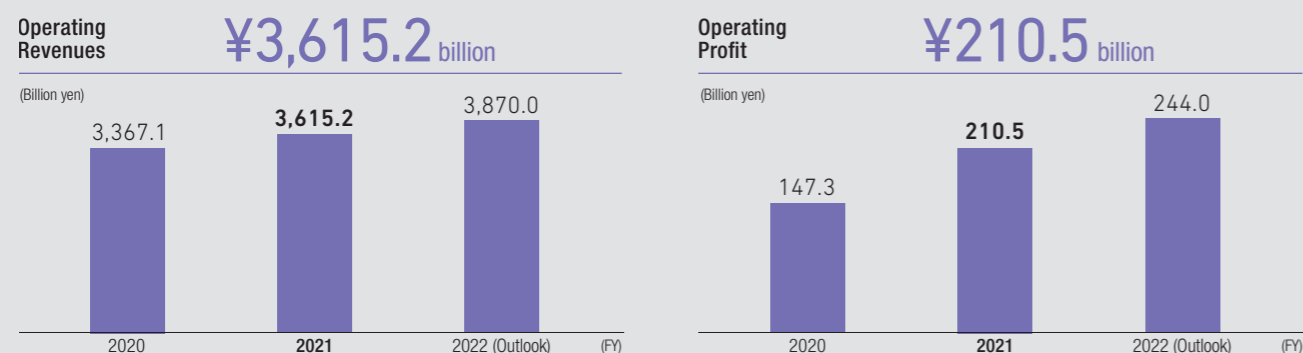


Operations in Review

# Global Solutions Business

In the Global Solutions business, we worked to enhance our ability to provide services in growth areas, including the data center business and managed services, as well as to expand and provide various IT services in a reliable manner, such as digitization proposals and system integration in response to market changes.

## Results for the Fiscal Year Ended March 31, 2022



## TOPICS

### Reorganization for Strengthening Global Business

NTT Corporation, the global holding company of the NTT Group, and its wholly owned subsidiary NTT Limited, which operates the global telecommunications business, will transfer from October 2022 to the NTT DATA umbrella to integrate the global businesses operated under NTT, Inc. and NTT Ltd. with the global businesses of the NTT DATA Group.

By bringing NTT Group's global human resources together, we will achieve prompt decision-making that is compatible with business and customer characteristics in each overseas region and enhance our global governance.

### Initiatives to Expand the Data Center Business

We aim to further expand our data center business through collaboration with partners and enhancing investment efficiency. As part of this, NTT Global Data Center Corporation and Tokyo Century Corporation have started cooperation in the operation of data center business in India. In addition, NTT and Macquarie Asset Management have agreed to enter into a strategic partnership for NTT's

data centers in Europe and North America, enabling rapid business expansion in these two key regions of the data center business.

We will continue to provide high-quality services to domestic and overseas companies by maximizing investment efficiency and making further growth investments in the data center business in the globally expanding DX market.

### Order Received for an Anti-Money Laundering System for Japan Post Bank

Development of an anti-money laundering system for Japan Post Bank began in July 2021, and service is slated to launch in 2024. The system will have four functions: monitoring, risk rating, screening, and customer management. It will combine strict transaction monitoring with the flexibility to adapt to regulatory changes to

prevent money laundering and financing of terrorism. This will secure the performance necessary for Japan Post Bank, which has the largest number of accounts and customers in Japan, to continue providing services for a large number of transactions.

## Key Initiatives

### ■ NTT DATA New Medium-Term Plan Overview

Based on the outlook of the business environment and the challenges it faces, NTT DATA has formulated a Medium-Term Management Plan for fiscal years 2022 through 2025.

As a Trusted Global Innovator, NTT DATA Group aims to create value for the future and achieve a sustainable society along with its customers by forging connections between various people and technology.

#### Overall Strategy

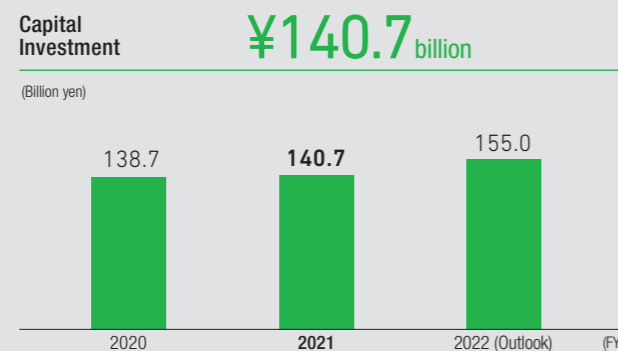
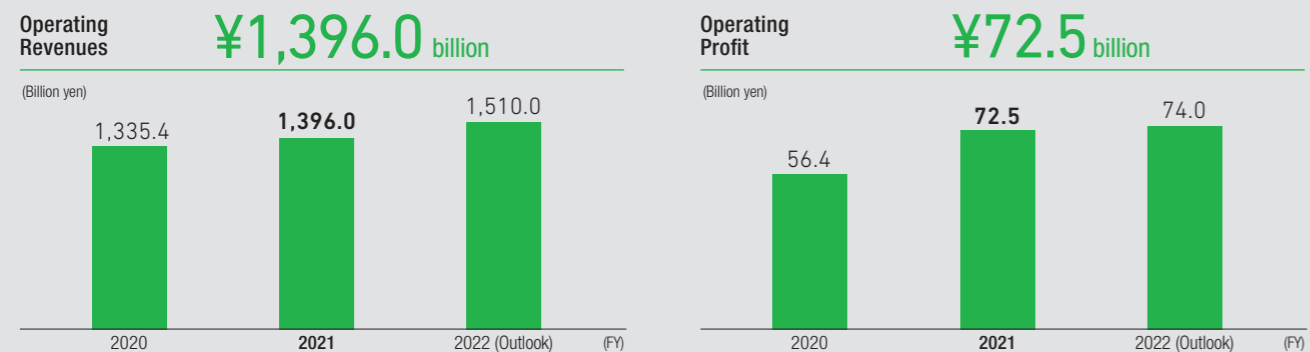
- Create new services by fusing IT and connectivity
- Strengthen consulting capabilities rooted in foresight
- Evolving toward an asset-based business model
- Enhance system development technologies and ability to utilize advanced technologies
- Maximize human resource and organizational capabilities

# Other (Real Estate, Energy and Others)



In the other (Real Estate, Energy and Others) category, with NTT Urban Solutions taking center stage, NTT Group worked to promote urban development that leverages its comprehensive capabilities and to provide smart energy services through NTT Anode Energy, among other initiatives.

## Results for the Fiscal Year Ended March 31, 2022



## TOPICS

### Agreement on a Development Plan for the Hoenzaka-kita Specified Block (former location of NTT West's head office)

NTT West, NTT Urban Solutions, and NTT Urban Development have agreed on the basic development details for the Hoenzaka Kita Specified Block, an Osaka Urban Planning Specified Block that includes the former location of the NTT West's head office (3-15 Babamachi, Chuo-ku, Osaka City), based on an urban planning decision by Osaka City. This urban zone is located

between Osaka Castle Park and Remains of Naniwa-no-Miya Palace Park, and it offers a panoramic view of Osaka Castle and downtown Osaka. Taking advantage of the relocation of NTT West's head office, this uncommon location will be used to develop a pedestrian space featuring lush greenery and a high-class hotel with high-added value. (Scheduled to open in Spring 2025)

### Off-site PPA to Bring Renewable Energy to DOCOMO Buildings that House Network Equipment

By utilizing an off-site corporate PPA (hereinafter "off-site PPA") mechanism, starting April 2022, NTT DOCOMO and NTT Anode Energy (hereinafter "NTT AE") introduced power derived from renewable energy, procured from NTT AE's newly constructed solar power plant, into the NTT DOCOMO Okayama Building, which houses network facilities. This will be the first time for DOCOMO to implement an off-site PPA and is part of the company's efforts to reduce its greenhouse gas emissions to virtually zero by 2030. The new solar power plant, which will supply electrical power exclusively to DOCOMO, will ensure that the company has stable, long-term access to power even if Japan's energy market ever becomes unstable. Greenhouse gas emissions (including non-fossil certificates) at the NTT DOCOMO Okayama Building, where the new system will be installed, are expected to be reduced by approximately 10,000 tons per year.

DOCOMO and NTT AE will continue to make full use of NTT Group's assets to reduce greenhouse gas emissions and contribute to the carbon neutrality of society as a whole.

\*Corporate PPA (Power Purchase Agreement) is a scheme in which electricity users conclude contracts with power generation business operators to procure electricity derived from renewable energy sources over the long term. Off-site PPA, an abbreviation of Off-site Corporate PPA, involves the use of power generation facilities in locations removed from users (the NTT DOCOMO Okayama Building in this case) to supply them with electricity through the power grid.



NTT Anode Energy Power Plant (Tottori City)

## Key Initiatives

### Urban Development Vision

NTT Urban Solutions supports every city's goal of creating unique, vibrant urban environments based on the four values below. This will help to achieve the SDGs and bring about Society 5.0, which entails helping to balance economic development in local communities with solutions to social issues and creating a human-centered society where people can enjoy comfortable, stimulating, and high-quality lifestyles.

Community	Provide attractive spaces and offerings to create unique and vibrant communities
Innovation	Use cutting-edge technology to contribute to addressing issues in urban spaces, creating new industries, and improving corporate productivity.
Diversity	Develop an urban environment that accommodates the diverse lifestyles of people who gather, work, and live there
Resilience	Create cities where people can live with peace of mind with a reduced impact on the environment and disaster resilience

### Smart Energy Business

NTT Anode Energy will promote the smart energy business.

Green Power Generation Business	Strengthen capability to develop renewable energy power plants
Regional Grid Business	Expand the use of NTT's assets to enhance local production and consumption of renewable energy and resilience
Consumer Energy Business	Promote carbon neutrality among customers by offering decarbonization solutions
Construction/Maintenance Operations Business	Improve quality and efficiency by strengthening power engineering functions (construction, maintenance, and monitoring)