

# Corporate Overview of Internet Initiative Japan (IIJ)

**Internet Initiative Japan Inc. (IIJ)**

**The Prime Market of the Tokyo Stock Exchange (Ticker symbol: 3774)**

**May and June 2024**

**Disclaimer**

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- FY23 (FY2023) stands for a fiscal year ended March 31, 2024. Others alike
- Abbreviation: NW stands for network, SI stands for systems integration, DC stands for data center, ¥ (JPY) bn stands for JPY billion

We changed our accounting principles from the Generally Accepted Accounting Principles in the U.S. ("U.S. GAAP") to the International Financial Reporting Standards (IFRS) from the filing of FY2018 annual report "Yuka-shoken-houkokusho" which was filed on June 28, 2019. Because reporting period of foreign consolidated subsidiaries under IFRS is different from that of under U.S. GAAP, some figures disclosed in the past are different.

# Key Updates

1

## Summary of Recent Announcements

- Result of the previous Mid-term Plan (FY21-FY23), New Mid-term Plan (FY24-FY26), Mid-to-long Term Vision, and FY24 financial targets

2

## Business domain expanding with Service Integration model

- Enterprise private network and systems in Japan are finally becoming to change
- Increasing track record of large-scale projects covering an entire enterprise private NW & systems
- **Service Integration** (providing in-house developed network services as part of SI) is increasing, covering these demands

3

## Network expertise becoming a very critical differentiator

- Reliable and stable network operation is indispensable
- Large number of talented network engineers
- Wide range of in-house developed network services

4

## Revenue growth to be stronger, which results in economics of scale

- Leveraging the current royal Internet access services' client base
- Accelerated growth of MRR (monthly recurring revenue) through Service Integration
- Margin to improve with an accumulation of MRR whose the cost are mainly network operation's common ones

# Result of the Previous Mid-term Plan (FY21~FY23)

Consolidated base  
 "times" are appropriate terms & were calculated by comparing  
 FY23/FY23-end to FY20/FY20-end  
 Subs. = subscription, m = million

About IJ	Business Model
Strength	Growth Strategy

**ICT usage & its advancement by Japanese enterprises finally kicked off, triggered by the Pandemic**  
**Realized economies of scale in NW service model due to continued increase in traffic & security demand, etc.**  
**Established profit base along with continuing to expand NW infrastructure & service lineup**

Total Revenue	Operating Profit	Human Capital (unit: personnel)	Dividend Per Share (annual)	Market Capitalization
<p><b>1.3 times</b> FY23</p> <p>FY20: ¥213.0 bn → FY23: <b>¥276.1 bn</b></p> <p>Enterprise MRR: 1.4 times                      Sum of SI M/O &amp; NW Service (excl. consumer &amp; MVNE)</p>	<p><b>Doubled</b> FY23</p> <p>FY20: ¥14.3 bn → FY23: <b>¥29.0 bn</b></p> <p>Operating Margin: FY20 6.7% FY23 10.5%                      ROE: FY20 11.5% FY23 16.3%</p>	<p><b>+1.3 times</b> FY23-end</p> <p>FY20-end: 3,805 → FY23-end: <b>4,803</b></p> <p>Stable turnover rate (IJ) the level of 3% to 4%</p>	<p><b>2.3 times</b> FY23</p> <p>FY20: ¥14.875 → FY23: <b>¥34.36</b></p>	<p><b>2.2 times</b> FY23-end</p> <p>FY20-end: ¥240 bn → FY23-end: <b>¥520 bn</b></p>

## Remarkable increase in large scale projects & Service Integration orders

Revenue: SI 1.5 times, NW services 1.2 times

- FY-end SI construction order-backlog: 2.9 times (FY23-end ¥23.8 bn)
- Visible increase in large-scale complex projects by Service Integration model
- Public & finance sectors transaction expanded
  - Public: GIGA school, construction of large NW system infrastructure, etc.
  - Finance: Renewal of large NW, construction of FX trading infrastructure, etc.

## Overseas business: ASEAN expansion

Revenue: 4.2 times, ¥8.3 bn → ¥35.3bn  
 Business Profit: 7.2 times, ¥0.4 bn → ¥2.7 bn (overlapping with enterprise MRR)

- Expanded ASEAN local business through PTC M&As (Singapore & Malaysia)
- Completed large-scale overseas DC construction, executing its subsequent projects
- Operating several global SASE projects (Top partner of Palo Alto & Zscaler in Japan)

## Expanded service & solution development

- DWP(☞)-related services such as Flex Mobility grew along with enterprises' DX advancement even after the pandemic
- Continued developing services to promote cloud migration
  - "GIO P2 Gen. 2" to realize easy cloud migration
  - "Smart Hub" to connect on-premise & third party cloud
  - "CDP" to integrate data, etc.

(\*) Digital Work Place: Office IT environment for client company & its employees

## Continued expanding NW service infra.

- Contracted bandwidth(☞): 1.6 times
- Mobile bandwidth(☞): doubled
- No. of operating racks at Shiroy DC: 3 times
  - Continued to expand our owned DCs of Shiroy & Matsue
  - Promoted carbon neutral initiatives through on-site solar power generation & non-fossil certificate direct procurement, etc.
  - Developed & launched micro DC solution, the core infrastructure for edge computing

(\*) Calculated by multiplying number of contracts by contracted bandwidths for IP & broadband services respectively  
 (☞) Sum of our purchase of mobile data bandwidth from NTT Docomo & KDDI

## Significant growth in Security Service

Revenue 1.7 times ¥18.4 bn → ¥30.9 bn (Within enterprise MRR (excl. security related SI))

- Cross-selling opportunity increased such as SOC(Security Operation Center) along with an increase in large scale NW renewal projects
- Increased the overwhelming market share of long-standing mail & web securities
- Expanded value-added function through continuous development of new service & function

## Continued enhancing Governance & Sustainability

- Enhanced management structure by inviting two VPs from outside, etc.
- Maintained A rating on MSCI ESG through proactive communication & disclosure enlargement
  - Opened Integrated Report Portal (web)
  - Disclosure on TCFD & human capital, etc.
- Contributed to NW society of Japan and education of NW engineers by opening "IJ Academy"

## Demonstrated competitive advantages of full-MVNO

Mobile subs. 1.5 times 3.24 m → 4.81 m

- Enterprise IoT subs. 2.1 times (FY23-end 2.35 m)
- Developed & launched "IJJ Public Safety Mobile Services" to public agencies for secure reliable connectivity in case of disasters
- Gained & maintained No.1 market share for the consumer SIM (MVNO) with Giga Plans and others (MM Research Institute)

## Start-up Digital Currency Business

(Equity method investee: DeCurrent)

No. of participants in Digital Currency Forum: 2.7 times 38 → 104

- Issue & settle using DCJPY (digital currency) for non-fossil certificate transaction as a first service (first in Japan, from Jul. 2024)
- PoCs through various study groups
  - Invoice chain, electricity trading, retail & distribution, regional currency, wallet security, e-money, security token payment practices & systems study, merchant settlement, NFT(Non-fungible Token), and administrative affairs

# New Mid-term Plan (FY24 ~ FY26)

Consolidated base  
 Net Profit is "Profit for the period attributable to owners of the parent"  
 "times" are calculated by comparing FY26/FY26-end to FY23/FY23-end  
 The figures below are all assumed targets

About IJ	Business Model
Strength	Growth Strategy

**Accelerate business scale expansion toward the Mid-to-long Term Vision by advancing the business structure transformation in FY23**  
**Revenue growth led by integration and profit growth through economies of scale as a NW service operator**

Total Revenue	Operating Profit	Net Profit	ROE	Human Capital
FY23 ¥276.1 bn → <b>1.4 times</b> FY26 ¥380.0 bn	FY23 ¥29.0 bn → <b>1.6 times</b> FY26 ¥46.0 bn	FY23 ¥19.8 bn → <b>1.5 times</b> FY26 ¥30.0 bn	FY23 16.3% → <b>+2.7 pt.</b> FY26 19%	FY23-end 4,803 → <b>1.3 times</b> FY26-end around 6,100

## Further enhancement of the existing core business area

### SI as Revenue driver

- Accelerate revenue growth by rolling out NW construction/renewal projects to various industry, enhancing account sales & PM, expanding human resource
- Enhance SI project management

### NW service as Profit driver

- Accelerate NW service accumulation through Service Integration
- Demonstrate the strength of stable NW operation in the DX era

### Promotion of large transactions & clients

- Comprehensive outsourcing of client's NW and open systems
- Add large volume revenue to the multi-industry recurring revenue base
- Stable additional profit source for the future

### Further enhancement of service development & operation

- Focus on strengthening cyber-security service development
- Respond to DX progress with DWP lineup
- Develop services that would be PF for AI, data lake, etc.

### Enhancement of Service Control

- Higher efficiency for service development & operation by new technology such as AI
- Implement appropriate pricing in response to inflation & cost increase

### Continuous expansion of NW infrastructure Pursuit of differentiation

- Construct the third site of Shiroi DC for long-term growth
- Deploy full-MVNO 5G SA

## Creation of new growth area

### Initiatives for Data-driven society

- Operate data utilization business, generate meaningful data, data distribution mechanisms & operations, etc.
- Study & create business models in conjunction with the existing infrastructure & services

### Achieve the spread of Digital Currency in Japan (Equity method investee: DeCurret)

- First in Japan to issue commercial digital currency as a practical case (scheduled in Jul. 2024)
  - ✓ Digitalized token of environmental value transaction
- Within FY26, anticipate loss to shrink & become profitable on a monthly basis
- Executing STO<sup>(\*)</sup> of digital currency, invoice chain<sup>(\*)</sup>, web3/NFT<sup>(\*)</sup> & other practical projects

<sup>(\*)</sup> STO (Security Token Offering): securities issued using electronic means such as blockchain, replacing traditional mechanism of stocks and bonds  
<sup>(\*)</sup> Invoice chain: concept of industry standard systems for corporate intercompany reimbursement  
<sup>(\*)</sup> NFT (Non-Fungible Token): Token issued on the blockchain that can prove uniqueness and cannot be replaced

## Enhancement of business foundation

### Thorough expansion of Human Capital

- Continuous expansion of human resources
- Develop next-generation human resources for long term growth
- Maintain & enhance top-tier engineering capabilities & expand that to multiple layer

### Enhancement of cash control

- Appropriate management of increasing SI-related working capital
- Investment allocation Shiroi DC & growth areas
- Increase payout ratio when the Mid-to-long Term Vision is realized

### Maintain & improve Sustainability /Governance

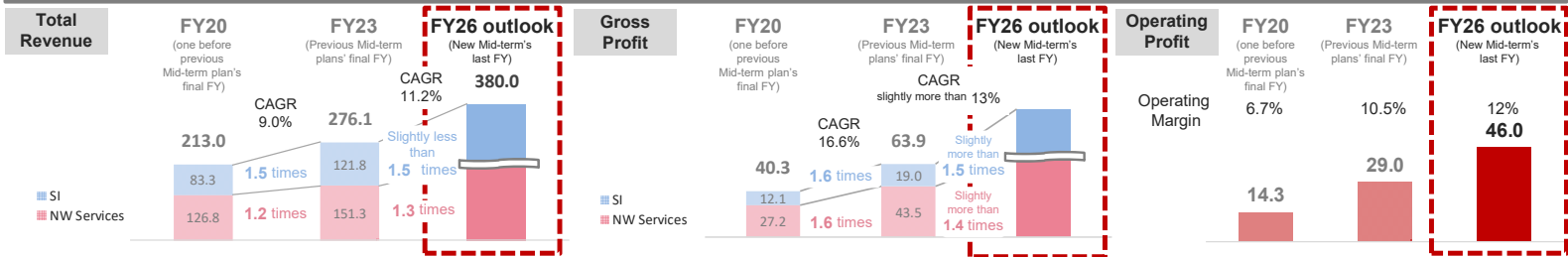
### Complement growth through M&As

- Strengthen governance in line with growth
  - Contribute to the productivity of future society through continuous stable NW operation
  - Introduce a new executive compensation scheme linked to the new Mid-term Plan

- Pursuit M&A opportunities as a supplemental means of expanding domestic resources & technology
  - Leverage residual borrowing capability (up to ¥70.0 bn is envisioned image)

# New Mid-term Plan's Financial Outlook

## Breakdown image of financial outlook



## Capital allocation (FY24-FY26, 3 years in total)

Cash in	Cash out	Overview											
<b>Cash generated from business</b> approx. ¥134.0 bn(*)	<b>Investment: approx. ¥90.0 bn</b>  <table border="1"> <tr> <td> <b>Ordinal NW infrastructure, etc.</b>                      approx. ¥51.0 bn                      Stable with economies of scale                 </td> <td> <b>Shiroy DC 3<sup>rd</sup> Site construction</b>                      approx. ¥30.0 bn                      Mainly for own services                 </td> <td> <b>Strategic investment</b>                      for new growth areas                 </td> </tr> </table>	<b>Ordinal NW infrastructure, etc.</b> approx. ¥51.0 bn Stable with economies of scale	<b>Shiroy DC 3<sup>rd</sup> Site construction</b> approx. ¥30.0 bn Mainly for own services	<b>Strategic investment</b> for new growth areas	<table border="1"> <tr> <td> <b>Shiroy DC 3<sup>rd</sup> site construction</b> </td> <td>                     ♦ Start the construction within the new Mid-term plan period, but the schedule is undetermined                     <ul style="list-style-type: none"> <li>First site: CAPEX approx. ¥8.3 bn, No. of racks: approx. 700, started operating from May 2019</li> <li>Second site: CAPEX approx. ¥12.8 bn (plan), No. of racks: approx. 1,100, started operating from Jul. 2023</li> </ul> </td> </tr> <tr> <td> <b>Strategic Investment</b> </td> <td>                     ♦ Specific investment details have not fixed and will be discussed going forward                 </td> </tr> <tr> <td> <b>Increase in working capital &amp; lease obligations</b> </td> <td>                     ♦ Increase in work in process, prepayments, etc. due to an increase in large scale multi-year SI projects                     <ul style="list-style-type: none"> <li>The impact of increased working capital should gradually be reduced due to the constant revenue recognition of large scale projects</li> </ul> </td> </tr> <tr> <td> <b>M&amp;As</b> </td> <td>                     ♦ M&amp;As to be conducted in sequence with borrowing capacity                     <ul style="list-style-type: none"> <li>Maintain debt/equity ratio &amp; financial discipline, Up to ¥70.0 bn of additional debt could be implemented for M&amp;As</li> </ul> </td> </tr> </table>	<b>Shiroy DC 3<sup>rd</sup> site construction</b>	♦ Start the construction within the new Mid-term plan period, but the schedule is undetermined <ul style="list-style-type: none"> <li>First site: CAPEX approx. ¥8.3 bn, No. of racks: approx. 700, started operating from May 2019</li> <li>Second site: CAPEX approx. ¥12.8 bn (plan), No. of racks: approx. 1,100, started operating from Jul. 2023</li> </ul>	<b>Strategic Investment</b>	♦ Specific investment details have not fixed and will be discussed going forward	<b>Increase in working capital &amp; lease obligations</b>	♦ Increase in work in process, prepayments, etc. due to an increase in large scale multi-year SI projects <ul style="list-style-type: none"> <li>The impact of increased working capital should gradually be reduced due to the constant revenue recognition of large scale projects</li> </ul>	<b>M&amp;As</b>	♦ M&As to be conducted in sequence with borrowing capacity <ul style="list-style-type: none"> <li>Maintain debt/equity ratio &amp; financial discipline, Up to ¥70.0 bn of additional debt could be implemented for M&amp;As</li> </ul>
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Along with an increase in large complex project <b>Increase in working capital and lease obligation</b>	Approx. <b>¥13.0 bn</b>												
Payout ratio 30% <b>Dividend</b>	Approx. <b>¥24.0 bn</b>												
<b>Scheduled repayment of long term borrowing</b>	Approx. <b>¥1.5 bn</b>												
<b>M&amp;As</b>	up to <b>¥70.0 bn</b>												

(\*) post-tax, pre-depreciation

# Mid-to-long Term Vision

The figures mentioned below are all assumed status and image

## Previous Mid-term (FY21-FY23)

### Established profit base by enterprise recurring revenue growth

- Enhancement of NW infrastructure & service lineup
- Demonstration of profit expansion through economies of scale by monthly recurring revenue accumulation
- Increase in large scale projects through NW renewals, etc.
- Large increase in security and DWP related services
- Demonstration of full-MVNO competitive advantages, Accumulation of IoT projects
- Significant expansion of overseas business, including M&As
- Expansion of human resources
- Initiatives for digital currency and other new business areas

## New Mid-term (FY24-FY26)

### Accelerate business expansion by focusing on the existing core areas Pursue business scale for long term growth

- Further enhancement of the existing core business areas
- Creation of new growth areas
- Enhancement of business foundation

## Mid-to-long Term Vision

### Total revenue around ¥500.0 bn Operating Margin 12% ~ 15%

- **Strongest focus on the core areas as NW operator & IT provider**  
**Positioned as one of the leading IT providers in Japan**  
Thoroughly continue to differentiate through NW operation & service offering model  
Enlarge SI business driven by Service Integration  
Realize business scale by expanding large customer base
- **Provide NW platforms that support the NW society**  
**Strive to develop technologies**  
Create optimal NW & security platforms for the spread of AI & the advent of data-driven society, etc.
- **Succession & development of IJ corporate culture as a challenger**  
Unchanged since the inception, diverse employees take on new challenges autonomously

## Beyond 5,000

\*5,000 is derived from the Japanese unit of ¥5,000 oku (oku = one hundred million) which is ¥500 bn

### Demonstrate competitive advantage of fully-outsourcing infrastructure operation to support realization of NW society

- Develop integrated PF to enable processing various types of data, together with security & high performance. IJ to become a full outsourced IT providers equipped with DC (including edge computing) & cloud resources, including wired and wireless NWS
- Achieve high profit margins by managing large customers' NW & IT domains as fully outsource
- Business domain expansion and diversification
- Demonstrate leadership including M&As amidst a changing industry landscape
- Become Asia's leading IT service provider by leveraging domestic knowledge & SWOT in ASEAN region

Execute actions early to realize revenue volume of ¥500 bn

FY23 result

¥276.1 bn

10.5%

FY26 target

¥380.0 bn

12%

30%

1 trillion

¥500.0 bn

12% ~ 15%

30% ~ 40%

Payout ratio to gradually increase along with an increase in business scale

### Targets (consolidated)

Total Revenue

Operating Margin

Payout ratio

Market Cap.

# FY24 Financial Targets

	% of total revenue		% of total revenue			
	First Half Targets (Apr. 2024 to Sep. 2024)	YoY	Full Year Targets (Apr. 2024 to Mar. 2025)	YoY		
<b>Total Revenue</b>	<b>142.0 ~ 143.0</b>	+10.8% ~ +11.5%	<b>312.0 ~ 315.0</b>	+13.0% ~ +14.1%		
<b>Gross Profit</b>	20.6%    21.1% <b>29.2 ~ 30.2</b>	+0.0% ~ +3.5%	22.0%    22.7% <b>68.5 ~ 71.5</b>	+7.3% ~ +12.0%		
<b>SG&amp;A, etc.</b>	13.5%    13.4% <b>19.2</b>	+12.2%	12.3%    12.2% <b>38.5</b>	+10.5%		
<b>Operating Profit</b>	7.0%    7.7% <b>10.0 ~ 11.0</b>	(17.2%) ~ (8.9%)	9.6%    10.5% <b>30.0 ~ 33.0</b>	+3.3% ~ +13.7%		
shares of profit(loss) of investments accounted for using equity method investees	<b>(0.3)</b>	-	<b>(0.7)</b>	-		
<b>Profit before tax</b>	6.7%    7.4% <b>9.5 ~ 10.5</b>	(24.3%) ~ (16.4%)	9.3%    10.2% <b>29.0 ~ 32.0</b>	+0.2% ~ +10.6%		
<b>Net Profit</b> (Profit for the period attributable to owners of the parent)	4.4%    4.9% <b>6.3 ~ 7.0</b>	(24.3%) ~ (15.9%)	6.4%    7.0% <b>19.9 ~ 21.9</b>	+0.3% ~ +10.4%		
<b>Dividend per share</b>	<b>¥17.18 ~ ¥18.58</b>	¥0.00 ~ +¥1.40	<b>¥34.36 ~ ¥37.16</b>	¥0.00 ~ +¥2.80		

Assumption					
Revenue	1st half	Full year	Gross Profit	1st half	Full year
	approx. 60.0 ~ 61.0	approx. 142.5 ~ 144.5		approx. 6.5 ~ 7.5	approx. 20.0 ~ 22.0
■ SI					
■ NW service	approx. 81.0	approx. 167.0 ~ 168.0		approx. 22.0	approx. 47.0 ~ 48.0

◆ NW Service:

- > Revenue to grow by recurring revenue accumulation & Service Integration
- > Expect mobile to achieve revenue & profit growth without the onetime cost reduction of data connectivity
- > At the upper limit, expect gross margin to improve YoY (1H: decrease, 2H: increase)

◆ SI:

- > Revenue to largely increase by realizing FY23-end order backlog & strong demand
- > At the upper limit, expect gross margin to slightly decrease YoY (1H: decrease, 2H: increase)

◆ VMware impact: We are taking actions of passing through of the cost increase which would require some time to be adopted thoroughly. Thus, we have set some ranges.

◆ SG&A, etc.: Increase along with an increase in number of employees and others (No modification of the salary table for FY24 new graduates)

◆ Shares of profit (loss) of investments accounted for using equity method investees: Expect DeCurret's related loss to be around ¥0.8 bn as they approach near to the service launch the cost should increase

◆ No consideration on any valuation gain (loss) on funds & foreign exchange gain (loss)

◆ Others: Number of employees to increase slightly over 400 personnel (of which, 307 are new graduates), CAPEX: ¥23.0 bn (of which, approx. ¥5.7 bn is for own DCs expansion)

## The impact from VMware license for virtualization software

- ◆ Effective from Apr. 2024, there were major changes in VMware product lineup & IJ was migrated to a new partner program
- ◆ Under the new product lineup, generally, individual products are no longer sold separately, which was the case previously, and they are now bundled together. This leads to a substantial increase in price & cost
- ◆ IJ is taking actions including the revision of our service price; however, because the product lineup & the terms & conditions were shared in such a last minute, the full year financial targets are disclosed as ranges of ¥3.0 bn. The upper limit indicates that the impact of VMware license is mostly passed through in the second half. The lower limit indicates that the impact of VMware license is passed through with delay, except to the extent that can be assumed



# Enterprise private NW and systems in Japan becoming to change

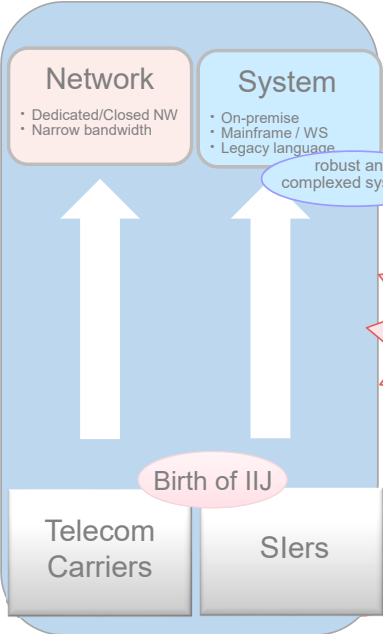
30 years ago

Carriers & Slers each covered private NW & systems



Nowadays

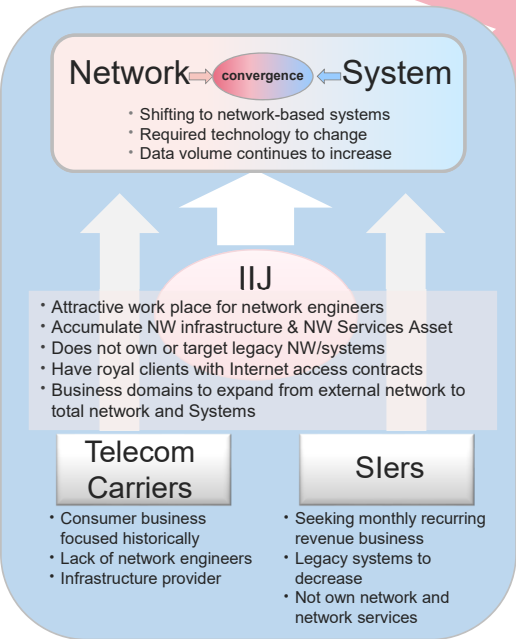
Growing demand for NW-based systems incorporating various network functions



**Emergence of Internet**

Struggling switch to open systems

- High Speed/Capacity Network
- CPU/Storage Performance Improve
- Internet Usages Progressed
- Security for various incidents
- Zero Trust Concept
- Gradual Cloud Shift
- Data Analysis and AI
- Preliminary IoT usages
- Still slow move in conservative Japan
- IT adoption at last forced by Pandemic

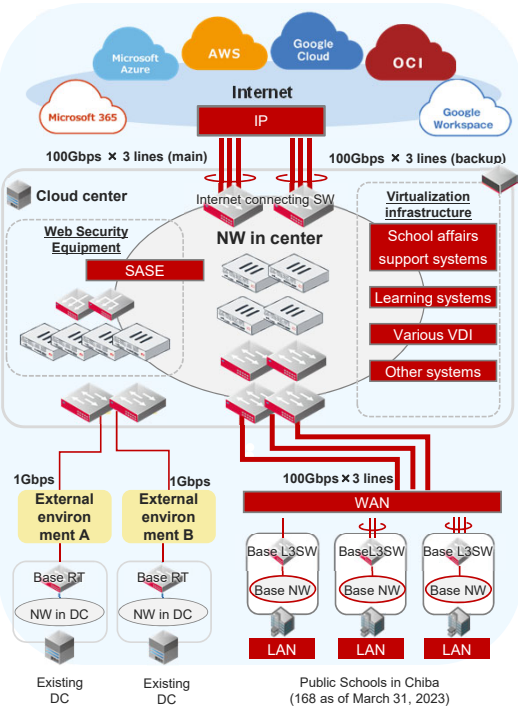


- Labor shortage requires more IT
- Japan needs more competitiveness by IT
- Every CEO says DX (Digital Transformation)
- Legacy NW and Systems to be reformed
- Internet traffic continues to increase
- Cyber security demands
- Importance for data governance
- Cloud systems penetration
- 5G SA adoption and advanced IoT projects
- Importance of stable operation of large-scale NW remains unchanged

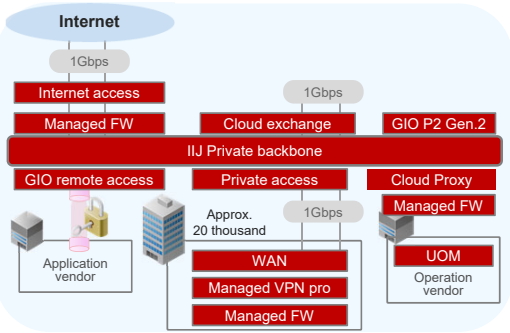
# Large-scale Service Integration Transactions

■ Services provided by IJJ  
 ■ SI provided by IJJ

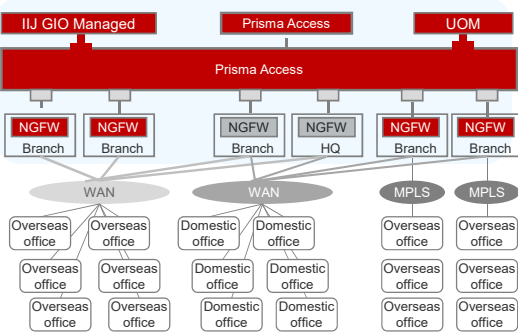
**Educational Information NW for Chiba city**



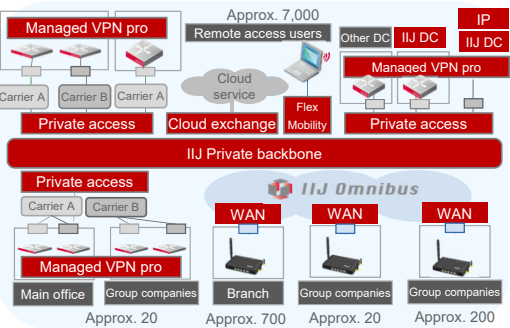
**Integrated information system for public safety org.**



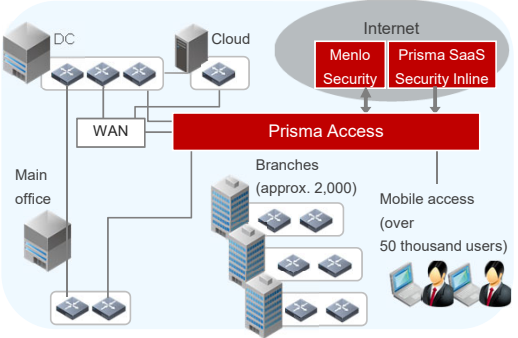
**Large-scale SASE project for a global company**



**Total NW project for a prominent company group**



**Large-scale NW renewal for a financial institution**



UOM: Unified Operation Management, NGFW: Next Generation Firewall, MPLS: MultiProtocol Label Switching

# Track record of large-scale Service Integration projects (IIJ as a primary contractor)

- ◆ Strong revenue growth drivers for SI construction and NW services
- ◆ Competitors are often current vendors such as legacy Slers and Carriers

Project overview	Project size (approx.)	Main revenue recognition	Order received	Timing of revenue recognition
Foreign exchange trading platform for a prominent financial group	¥3.0 bn, 5 years	SI O/M	Dec. 2022	To be recognized from 3Q24
Core information NW infrastructure for a broadcaster	¥6.0 bn, from FY24	NW service, SI construction, SI O/M	Dec. 2022 & Jan. 2023	To be recognized from 4Q24
Overseas DC project	¥2.8 bn in 3Q23	SI construction	Nov. 2022	Dec. 2023
Subsequent projects of the overseas DC project	¥1.2 bn in FY24 ¥2.0 bn in or after FY25	SI construction	2H22	To be recognized in 1Q24 In or after FY25
Next generation NW renewal for a major system integrator	¥1.0 bn, 5 years	NW service	Apr. 2023	From Nov. 2023
Enhancement of security for a prominent carrier	¥1.5 bn, 5 years	SI construction, SI O/M	Apr. 2023	From Aug. 2023
Integrated operation system for a public sector organization	¥3.0 bn, 5 years	NW service, SI construction, SI O/M	Apr. 2023	From 4Q23
Next generation research platform for a private university	¥1.0 bn, 5 years	SI construction, SI O/M	May. 2023	From 4Q23
Educational information network for Chiba City	¥12.3 bn, 5 years (¥5.0 bn in SI construction, ¥2.0 bn in SI O/M, the rest in NY Service)	NW service, SI construction, SI O/M	Sep. 2023	To be recognized from 4Q24 (approx. ¥5.0 bn in FY24)
Construction & operation for service infrastructure for an enterprise	¥4.0 bn, 5 years	NW service, SI construction, SI O/M	Dec. 2023	To be recognized from 2Q24
Large-scale server construction for AI infrastructure (Acquired by PTC, Singaporean Sler subsidiary)	¥3.0 bn, 3 years	SI construction, SI O/M	Dec. 2023	From 4Q23
Large-scale NW renewal for a prominent financial institution	¥4.0 bn, 8 years	NW service, SI construction, SI O/M	Mar. 2024	To be recognized from 1Q25
Large-scale NW renewal for a prominent manufacturer	¥3.0 bn, 5 years	SI construction, SI O/M	Mar. 2024	To be recognized from 1Q24
Large-scale IT infrastructure installment project	¥1.0 bn	SI construction	Mar. 2024	To be recognized mainly in 1Q25

\* The timing of revenue recognition is based on the assumption as of May 2024. It could change due to the progress of project and other factors  
 \* SI O/M = systems operation and maintenance

<b>About IIJ</b> (From ISP to Total NW Solution Provider, etc.)	<b>P. 12 – 16</b>
<b>Business Model</b> (Monthly recurring revenue accumulation, etc.)	<b>P. 17 – 21</b>
<b>Strength</b> (Service development capabilities, customer base, etc.)	<b>P. 22 – 24</b>
<b>Growth Strategy</b>	<b>P. 25</b>

# Company Profile

## IIJ has been taking initiatives in Internet Infrastructure field in Japan

<b>Established</b>	December 1992 (The first established full-scale ISP in Japan)
<b>Number of Employees</b>	4,803 (approx. 70% engineers)
<b>Large Shareholders</b>	NTT Group, KDDI, ITOCHU Techno-Solutions (CTC), Koichi Suzuki, Global Alpha Capital Management

\*Foreign ownership is 24.9% as of Mar. 31, 2024

### ◆ The first established full-scale ISP (Internet Service Provider) in Japan

- ✓ Introduce many in-house developed Internet-related network services
- ✓ Highly skilled IP (Internet Protocol) engineers from the inception
- ✓ Operate one of the largest Internet backbone networks in Japan

### ◆ Well recognized “IIJ” brand among Japanese blue-chip companies’ IT division

- ✓ Differentiate by reliability and quality of network and systems operation
- ✓ Long-term (almost 30 years) client relationship since the establishment of IIJ

### ◆ Development of innovative Internet-related services

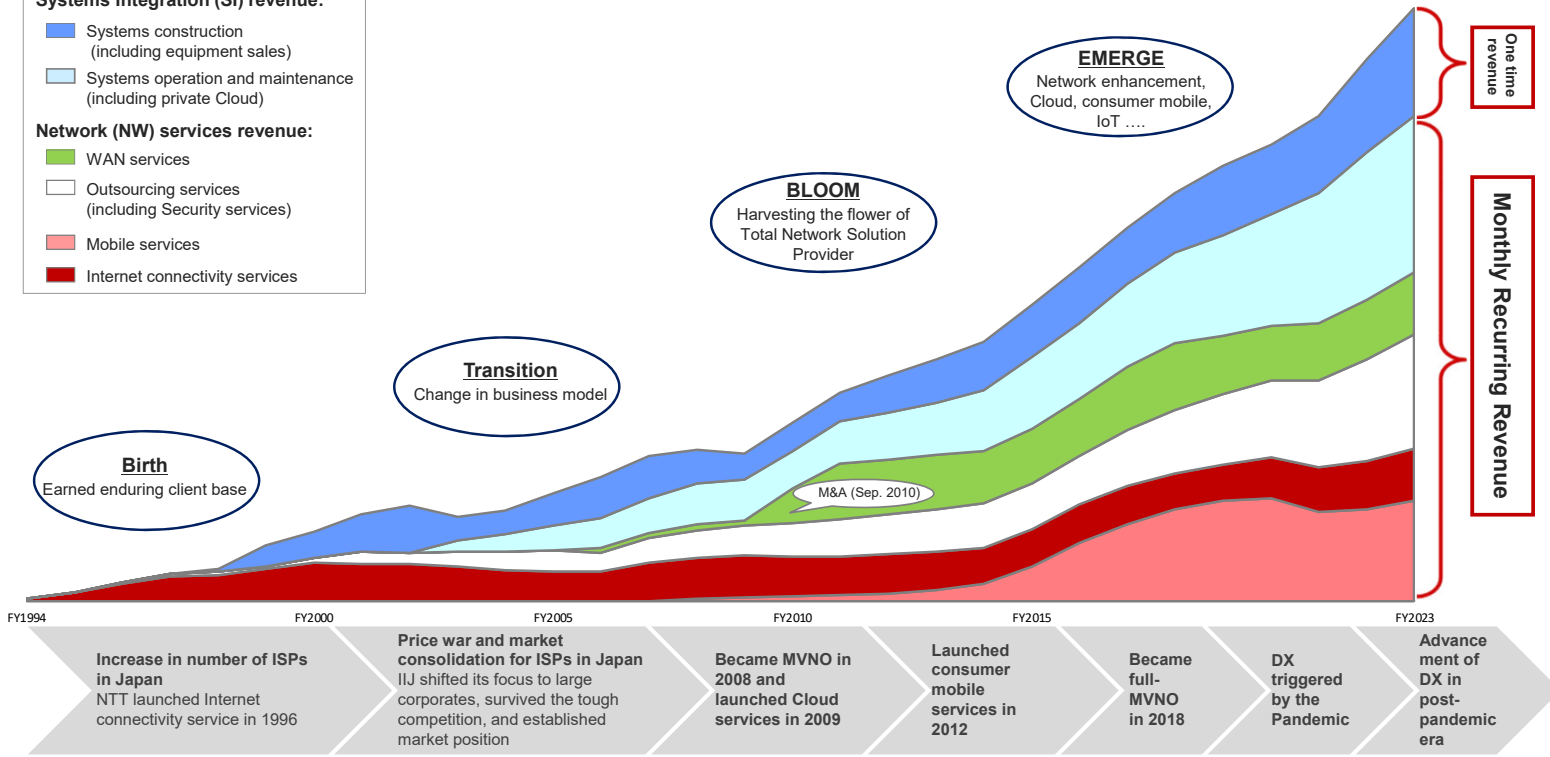
- ✓ Differentiate by continuous network service developments and business investments
- ✓ Focus on Cloud, mobile, security, solutions related to Big Data, IoT and data governance
- ✓ Always ahead of telecom carriers and systems integrators (SIs) with regards to services development and operation

and many more

• Number of employees is on the consolidated basis and as of Mar. 31, 2024  
 • Large shareholders are as of Mar. 31, 2024, except for Global Alpha whose holding is based on their Large Volume Holding Report filing as of Oct. 2023

# From ISP to Total Network Solution Provider

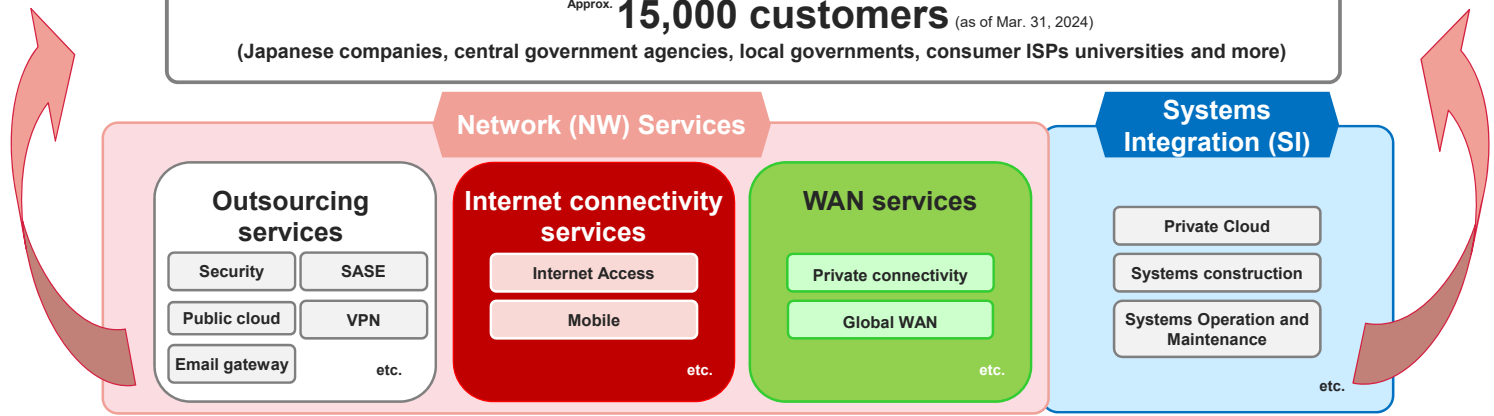
- Systems Integration (SI) revenue:**
- Systems construction (including equipment sales)
  - Systems operation and maintenance (including private Cloud)
- Network (NW) services revenue:**
- WAN services
  - Outsourcing services (including Security services)
  - Mobile services
  - Internet connectivity services



# IIJ as a Total Network Solution Provider

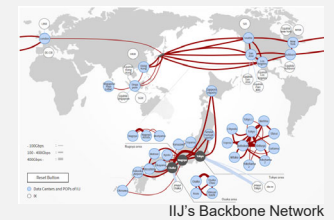
Offers various network services and systems integration together in many projects

Approx. **15,000 customers** (as of Mar. 31, 2024)  
 (Japanese companies, central government agencies, local governments, consumer ISPs universities and more)



## Major cost components of Network services (mostly non-revenue linked cost)

- Fiber leasing cost for Internet backbone and WAN access line
- Depreciation cost and maintenance cost of network equipment
- Personnel cost for network service development and operation and outsourcing cost
- Data center operation cost etc.
- Mobile data interconnectivity and voice service purchasing cost for mobile services



# Management Structure (planned from June 2024)

- ◆ Outside independent directors: 5 directors, 42% of the total directors
- ◆ Female officers: 3 officers, 19% of the entire Board (including Company Auditors)



### Koichi Suzuki

- Founder of IIJ
- Chairman, Representative Director and co-CEO
- Holdings of IIJ share: 10,643,589 shares (6.0%)\*  
\*Suzuki's share includes his indirectly wholly owned private company portion
- Date of birth: September 1946



### Satoshi Murabayashi

- Executive Vice President and Director (since June 2021)
- Career: CIO at MUFG Financial Group, Inc.
- President and Representative Director of DeCurret Holdings, IIJ's affiliated company, as a concurrent position
- Holdings of IIJ shares: 5,819 shares (0.0%)
- Date of birth: November 1958



### Eijiro Katsu

- President, Representative Director and co-CEO & COO
- Career: Vice Minister of Finance
- Holdings of IIJ shares: 210,795 shares (0.1%)
- Date of birth: June 1950



### Yasuhiko Taniwaki

- Executive Vice President and Director (since June 2022)
- Career: Vice-Minister for Policy Coordination of Posts and Telecommunications at the Ministry of Internal Affairs and Communications (MIC)
- Holdings of IIJ shares: 2,617 shares (0.0%)
- Date of birth: September 1960

### Full-time Directors

Senior Managing Directors

- K. Kitamura
- A. Watai (CFO)
- J. Shimagami (CTO)

### Outside Independent Directors

- T. Tsukamoto Senior Advisor of Mizuho Financial Group, Inc.
- K. Tsukuda Former Chairman and Representative Director of Mitsubishi Heavy Industries, Ltd.
- Y. Iwama Outside Director and Chairman of the Board of Nikko Asset Management Co., Ltd. Former Chairman of Japan Securities Investment Advisers Association
- A. Okamoto Former President and CEO of Iwanami Shoten, Publishers (one of the best publishing houses in Japan)
- K. Tonosu (Ms.) Outside Director of JAPAN POST INSURANCE Co., Ltd. Former Board member of Deloitte Touche Tohmatsu LLC

### Company Auditors

(of which, 2 outside, 2 female)

- K. Aso (Ms.) (New, CPA)
- M. Tanaka (Ms.)
- T. Michishita (attorney)
- M. Tobita (New)

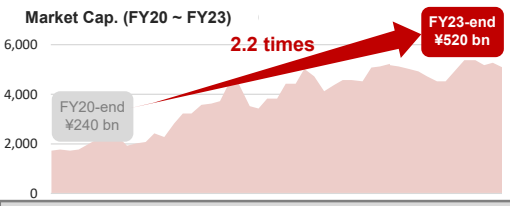
\* Holdings of IIJ shares are as of Mar. 31, 2024



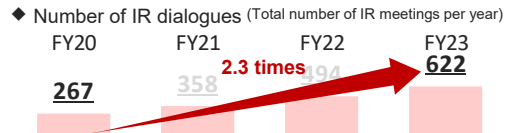
# Initiatives to achieve sustainable corporate value expansion

## Key KPIs

	PER	PBR	ROE
FY20-end	24.1	2.6	11.5%
FY23-end	<b>25.4</b>	<b>4.0</b>	<b>16.3%</b>



## IR engagement



- ◆ Practice IR at the management level
  - Domestic/foreign institutional investors (FY23: 5 overseas roadshows, 4 large conference, and one-on-one meetings), analysts, individual investors
- ◆ In response to increase in market capitalization, focusing on new access to long-term and large-cap investors such as pension funds (FY23: approx. 60 contacts)
- ◆ Expanding non-financial disclosure such as Integrated Report Portal, human capital disclosure, TCFD disclosure, etc.

## Business Evaluation by IRR

- ◆ Calculate WACC every FY and report it to the Board of Directors, and apply to the entire company
- ◆ Continuously evaluate each business project using IRR & implement portfolio management
- ◆ A business model that flexibly pursues overall optimization & economies of scale, rather than making individual judgments for each business or service because NW infrastructure has many common cost
- ◆ B/S management to control increasing the work-in-process and prepayment due to an increase in acquisition of large multi-year projects, etc. For the time being, continue to increase working capital as the scale of SI expands

## Continuous enhancement of Governance

- ◆ **New structure from Jun. 2024**
  - 5 outside independent directors; 42% of the total directors
  - Have been inviting outside independent directors since Jun. 2004 as the U.S. SOX compliance
  - 3 female officers; 19% of the entire Board (including company auditors)
- ◆ **Introduction of a new officer compensation scheme linking with the new Mid-term Plan (from Jun. 2024)**

Evaluate based on business performance (revenue, operating profit, performance of assigned business area), engagement (employee satisfaction, etc.), ROE 19% & market capitalization of ¥1 trillion to be realized in FY26, & achievement/progress of sustainability and other targets, provision of restricted stocks. Through these, enhance both shareholder & corporate value
- ◆ **Implementation of efficient & productive management activity based on business philosophy**
  - BOD is annually leveled-up through continuous evaluation, the Nomination & Remuneration Committee, monitoring of Board of Company Auditors and Internal audit, whistle blower system, etc.
  - Continuously assign employees who have been involved in setting up each technology and/or business area as officers

## Enhancement of Human Capital

	FY20-end	FY21-end	FY22-end	FY23-end
No. of employees (consolidated)	3,805	4,147	4,451	4,803
Of which, new graduates	210	190	178	246
	FY20	FY21	FY22	FY23
Turn over (IJJ)	3.6%	4.2%	3.8%	4.6%
Engagement (employee satisfaction <sup>(*)</sup> )	3.9	3.9	3.9	3.9

- ◆ **Strengthen & promote human resources development**
  - OJT (On the Job Training) as the foundation of human resource development, supplemented by training by job level for each employee's year & role, training by department to acquire specialized knowledge & skills

(\*) Based on annual employee survey's satisfaction questionnaires

## Initiatives for Sustainability and ESG

- ◆ The core of our social contribution and sustainable development is to support Internet in Japan through stable operation and contribute to IT society

Major KPIs	Target	FY23 result
Usage of renewable energy	FY30 85%	50% Matsue 100%
PUE of own DCs (Power Usage Effectiveness at DCs, industry max at 1.4 or lower)	Throughout FY30 Continue to be lower than 1.4	Matsue: 1.33 Shiro: 1.36
Self evaluation of employees on ①Challenge, ②Growth, ③Support from supervisors	Continue to be higher than 3.5	①3.9 ②4.0 ③4.3
Female manager ratio	FY26: over 8% (Brought FY27 target forward by 1 year)	6.5% (Achieved FY24 target early)

Unit: ¥ (JPY) billion (bn)

# Extensive Service Lineup

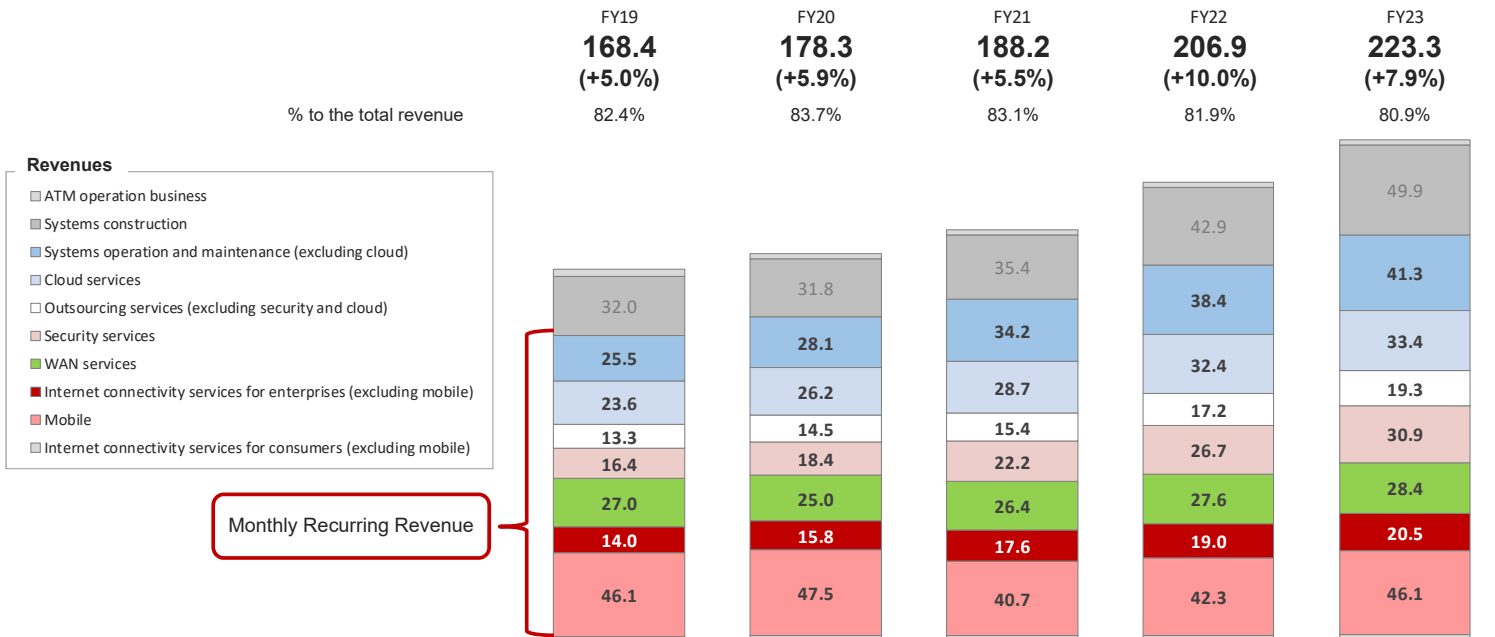
Revenue category		FY23 revenue	YoY growth	Cost Structure	About	Business situation, growth drivers and outlook																		
Network services	Internet connectivity services for enterprise	44.73	+11.1%	Mostly shared cost	<table border="1"> <tr> <td>IP (Internet Protocol)</td> <td>16.0</td> <td>+7.8%</td> <td> <ul style="list-style-type: none"> <li>IJ's core service since the establishment</li> <li>Highly reliable dedicated connectivity services (multi-carrier, redundancy, etc.)</li> <li>Contracts are based on data bandwidth (Revenue to increase as volume per client increases)</li> </ul> </td> </tr> <tr> <td>Mobile</td> <td>24.2</td> <td></td> <td> <table border="1"> <tr> <td>Enterprise mobile</td> <td>13.6</td> <td>+21.9%</td> <td>Provide data connectivity for mainly IoT usages</td> </tr> <tr> <td>MVNE</td> <td>10.5</td> <td>+4.7%</td> <td>Provide mobile services for other MVNOs</td> </tr> </table> </td> </tr> </table> <p>(Others) Broadband Internet services, etc.</p>	IP (Internet Protocol)	16.0	+7.8%	<ul style="list-style-type: none"> <li>IJ's core service since the establishment</li> <li>Highly reliable dedicated connectivity services (multi-carrier, redundancy, etc.)</li> <li>Contracts are based on data bandwidth (Revenue to increase as volume per client increases)</li> </ul>	Mobile	24.2		<table border="1"> <tr> <td>Enterprise mobile</td> <td>13.6</td> <td>+21.9%</td> <td>Provide data connectivity for mainly IoT usages</td> </tr> <tr> <td>MVNE</td> <td>10.5</td> <td>+4.7%</td> <td>Provide mobile services for other MVNOs</td> </tr> </table>	Enterprise mobile	13.6	+21.9%	Provide data connectivity for mainly IoT usages	MVNE	10.5	+4.7%	Provide mobile services for other MVNOs	<table border="1"> <tr> <td>IP</td> <td> <ul style="list-style-type: none"> <li>Matured market (hard to entry)</li> <li>Very low turn rate, royal clients for 30 years</li> <li><b>Expect Internet traffic volume to continuously increase along with cloud penetration, SaaS, DX, etc.</b></li> </ul> </td> </tr> </table>	IP	<ul style="list-style-type: none"> <li>Matured market (hard to entry)</li> <li>Very low turn rate, royal clients for 30 years</li> <li><b>Expect Internet traffic volume to continuously increase along with cloud penetration, SaaS, DX, etc.</b></li> </ul>
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Internet connectivity services for consumers	25.29	+4.3%	<table border="1"> <tr> <td>Mobile</td> <td>22.0</td> <td>+4.5%</td> <td>Provide SIM with monthly data limits (voice as option)</td> </tr> </table> <p>(Others) Broadband Internet services and email services for households, etc.</p>	Mobile	22.0	+4.5%	Provide SIM with monthly data limits (voice as option)	<table border="1"> <tr> <td>Mobile</td> <td> <ul style="list-style-type: none"> <li>Provide enterprise mobile, MVNE and consumer mobile from the same infrastructure. Expect such infrastructure utilization to improve by gathering various traffic such as IoT/enterprise/ consumers</li> <li>Currently procuring mobile infrastructure to meet the peak traffic of consumer whose traffic is concentrated at commuting and lunch time</li> <li>Largest market share in consumer MVNO market</li> <li><b>Expect advanced IoT usages to emerge</b></li> </ul> </td> </tr> </table>	Mobile	<ul style="list-style-type: none"> <li>Provide enterprise mobile, MVNE and consumer mobile from the same infrastructure. Expect such infrastructure utilization to improve by gathering various traffic such as IoT/enterprise/ consumers</li> <li>Currently procuring mobile infrastructure to meet the peak traffic of consumer whose traffic is concentrated at commuting and lunch time</li> <li>Largest market share in consumer MVNO market</li> <li><b>Expect advanced IoT usages to emerge</b></li> </ul>														
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WAN (Wide Area Network)	28.37	+2.7%	<ul style="list-style-type: none"> <li>Legacy way of connecting multiple sites, intranet, closed NW</li> <li>Directly purchasing WAN line (direct cost)</li> </ul>	<ul style="list-style-type: none"> <li>Stable market</li> <li>Cross-selling element to make up comprehensive lineup</li> </ul>																				
Outsourcing	52.97	+13.2%	<p>Various in-house developed Internet-related service line-ups</p> <table border="1"> <tr> <td>Security</td> <td>30.9</td> <td>+15.7%</td> <td>Managed security services, Security Operation Center services and so many more</td> </tr> </table> <p>(Others) NW monitoring, VPN services, public cloud services, and many more</p>	Security	30.9	+15.7%	Managed security services, Security Operation Center services and so many more	<ul style="list-style-type: none"> <li>Have been developing services based on Zero Trust concept</li> <li>Acquire enterprise demand by cross-selling services</li> <li>Continuous service development is important</li> <li><b>Expect security demand to be strong continuously</b></li> </ul>																
Security	30.9	+15.7%	Managed security services, Security Operation Center services and so many more																					
SI	Operation and Maintenance	71.92	+5.8%	Cost plus	<table border="1"> <tr> <td>On-premise Systems</td> <td>41.3</td> <td>+7.6%</td> <td>Operation and maintenance of constructed systems</td> </tr> <tr> <td>Private Cloud, etc.</td> <td>30.6</td> <td>+3.4%</td> <td>Promote cloud shift with abundant, highly reliable, value-added functions</td> </tr> </table>	On-premise Systems	41.3	+7.6%	Operation and maintenance of constructed systems	Private Cloud, etc.	30.6	+3.4%	Promote cloud shift with abundant, highly reliable, value-added functions	<ul style="list-style-type: none"> <li><b>Expect great business opportunity in the mid-to-long term as internal IT systems migrate to cloud</b></li> <li><b>Expect revenue to increase continuously along with accumulation of construction projects</b></li> </ul>										
	On-premise Systems	41.3	+7.6%		Operation and maintenance of constructed systems																			
	Private Cloud, etc.	30.6	+3.4%		Promote cloud shift with abundant, highly reliable, value-added functions																			
Construction (including equipment sales)	49.90	+16.2%	<ul style="list-style-type: none"> <li>Design of an entire NW (location of NW equipment, needed bandwidth, etc.)</li> <li>Mainly NW integration projects such as server construction</li> </ul>	<ul style="list-style-type: none"> <li><b>Acquiring large-scale projects as Japanese enterprises' private NW/systems are becoming more NW-based and requiring various NW function (service integration model)</b></li> </ul>																				

Monthly recurring revenue 81%

One time revenue

# Monthly Recurring Revenue Accumulation

Unit: ¥ (JPY) billion (bn)  
% = Year over year change



## Revenues

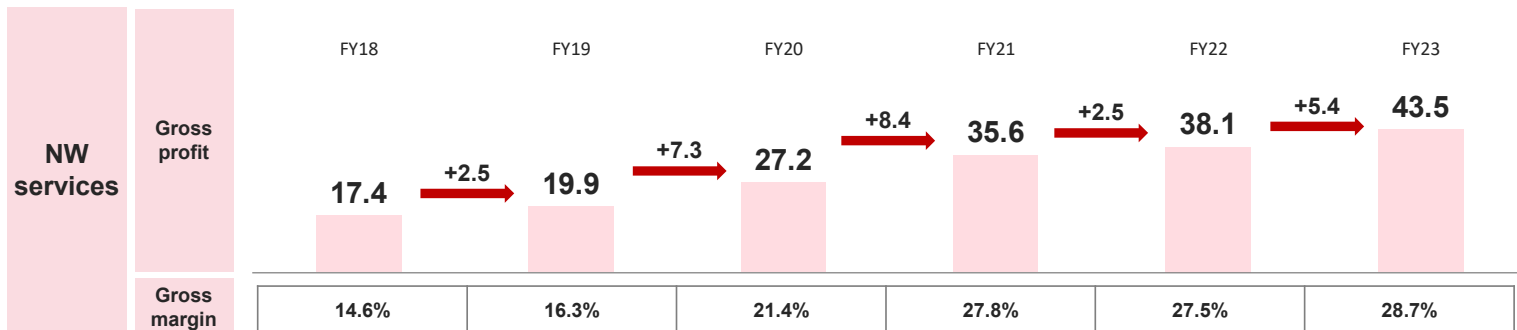
- ATM operation business
- Systems construction
- Systems operation and maintenance (excluding cloud)
- Cloud services
- Outsourcing services (excluding security and cloud)
- Security services
- WAN services
- Internet connectivity services for enterprises (excluding mobile)
- Mobile
- Internet connectivity services for consumers (excluding mobile)

Monthly Recurring Revenue

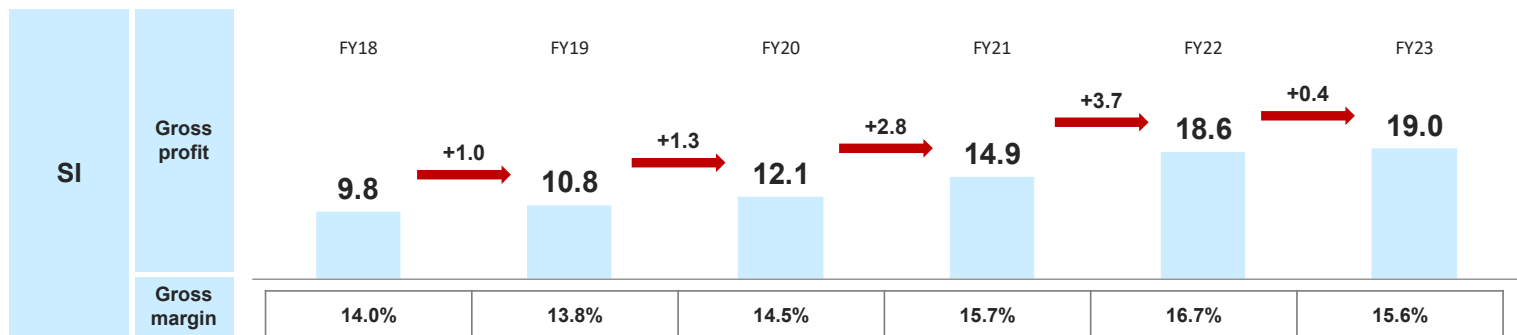
- Mobile revenue decreased year over year in FY21 due to ARPU decrease for consumers and change in unit charge for MVNE clients
- Systems construction and systems operation & maintenance revenue increase for FY21 includes PTC revenue which became IJ's consolidated subsidiary from Apr. 2021
- During FY20, ATM operation business was impacted by the COVID-19 pandemic due for example to the store closure and smaller number of users coming to stores
- WAN revenue decreased year over year in FY19 and FY20 mainly due to certain large customers' migration to our mobile services (cheaper than WAN to connect multiple sites)

Unit: ¥ (JPY) billion (bn)

# Gross Profit and Margin Growth



- NW services include Internet connectivity services for enterprises, Internet connectivity for consumers, Outsourcing, and WAN services. These are all monthly recurring revenue
- FY22 NW service gross margin slightly decreased due to the decrease in mobile business margin, which is part of NW services, mainly because of an increase in marketing cost such as low price hand-set offering



- SI includes systems construction which is one-time revenue and systems construction and maintenance which is monthly recurring revenue
- FY21 SI includes PTC revenue which became IJ's consolidated subsidiary from Apr. 2021
- FY23 gross margin was weak mainly due to the small construction revenue, an allocation of resources such as engineers to prospective orders of large-scale projects, and a low systems operation and maintenance revenue growth (a scheduled termination of a particular project)

# NW Services (monthly recurring revenue) as Profit Growth Driver - Economies of Scale -

## Profit Model of NW Services

Revenue

### Connectivity services

- IP (Internet Protocol) service Details in P.28
- Contracted based on bandwidth
  - Contract period: 1 year, generally auto-renew
  - Low churn rate, royal clients for 30 years
- WAN (Wide Area NW) service
- Mobile service Details in P.33 - 36

### Security services

- DDoS protection, Firewall, SOC, etc.
- Contracted based on number of accounts
  - Contract period: 1 year, generally auto-renew
  - Cross-selling to IP service clients
- Details in P.29 - 32

### Various in-house developed services

- Remote access, DNS, monitoring, etc.
- Contracted based on number of accounts
  - Contract period: 1 year, generally auto-renew
  - Cross-selling to IP clients
- Details in P.27

Cost

### Mainly common and shared cost to operate NW

**Leasing cost**  
for Internet backbone, WAN lines and leased DCs, etc.

**Depreciation & Amortization**  
cost for NW equipment, etc.

**Personnel cost**  
for engineers  
(service development & operation, etc.)

**Outsourcing cost**  
(mobile-related, outsourcing personnel, maintenance, etc.)

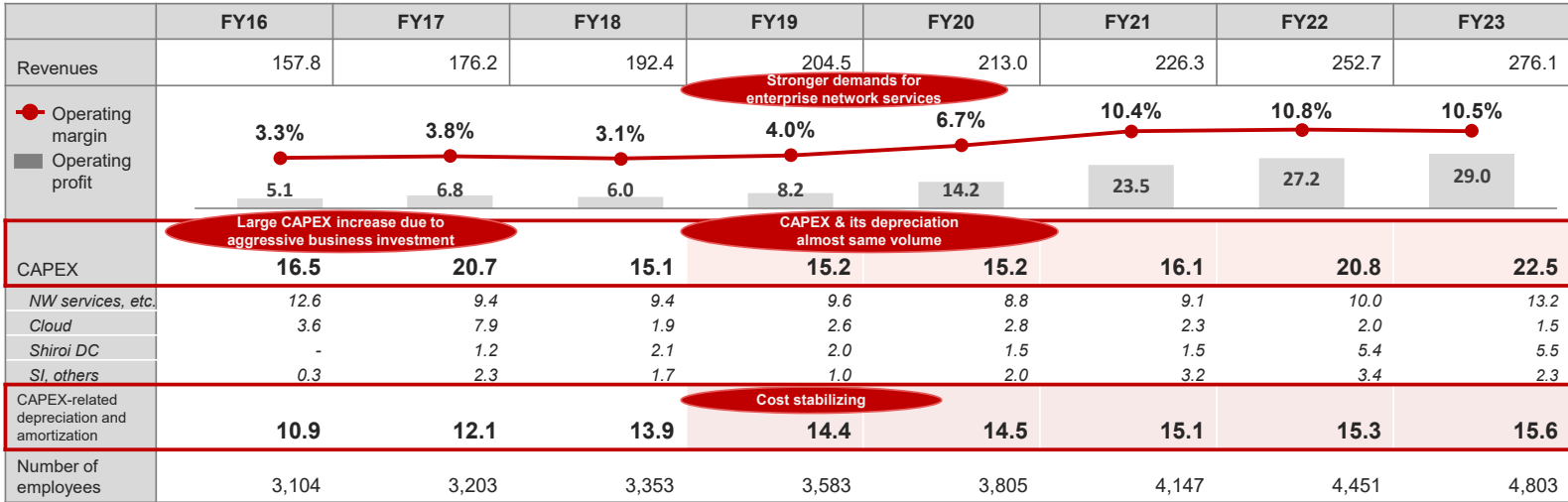
Historical track record of NW services gross margin					
FY18	FY19	FY20	FY21	FY22	FY23
14.6%	16.3%	21.4%	27.8%	27.5% *	28.7%

**Intend to enhance NW services revenue accumulation by Service Integration strategy**

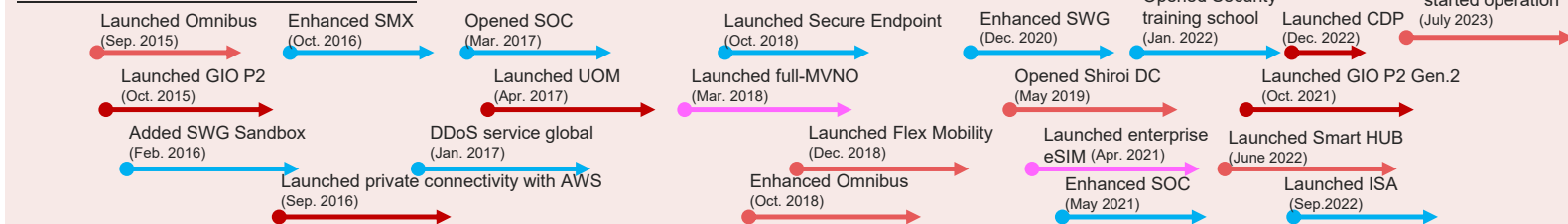
\* FY22 gross margin slightly decreased due to the decrease in mobile business margin, which is part of NW services, mainly because of an increase in marketing cost such as low price hand-set offering  
 • Among NW service revenues, WAN, mobile and part of security services have variable cost which fluctuates depending on revenue

Unit: ¥ (JPY) billion (bn)

# Capex and Business Developments



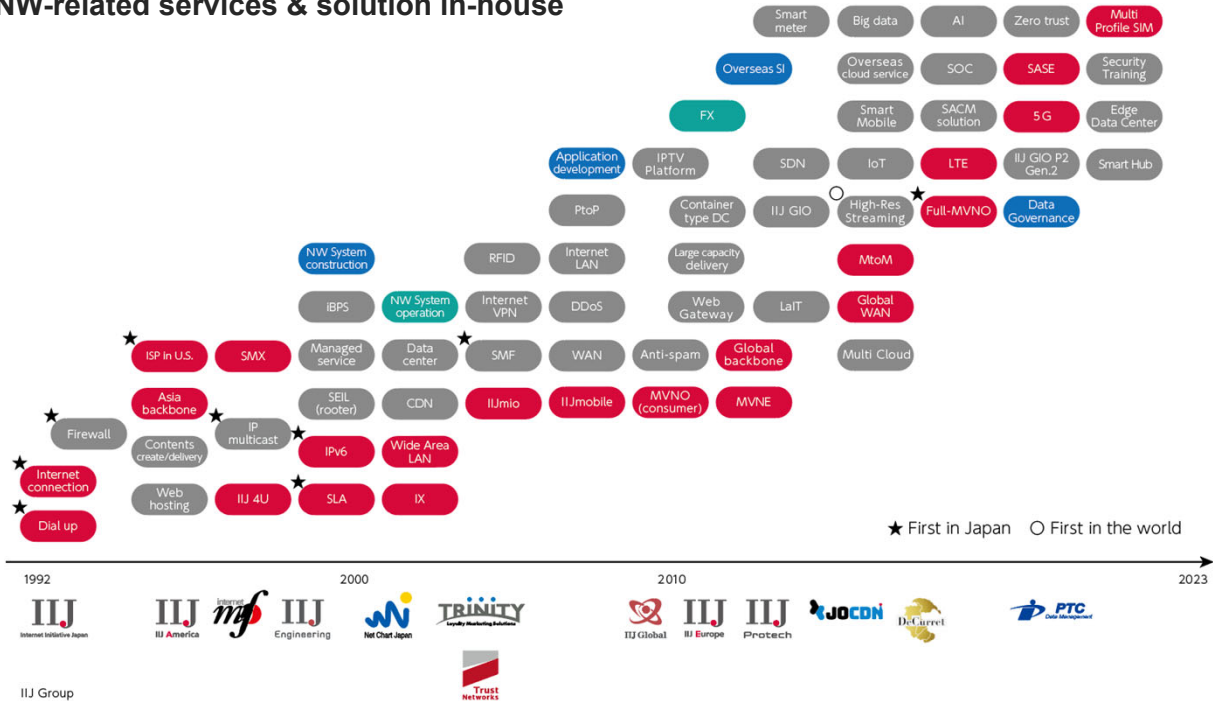
## Various Network Services Asset



• FY16: US-GAAP, from FY17: IFRS  
 • CAPEX-related depreciation and amortization is calculated by excluding depreciation and amortization of assets that do not have the nature of capital investment, such as right-of-use assets related to operating leases, small-amount equipment and customer relationship

# Service & Solution Development Capability

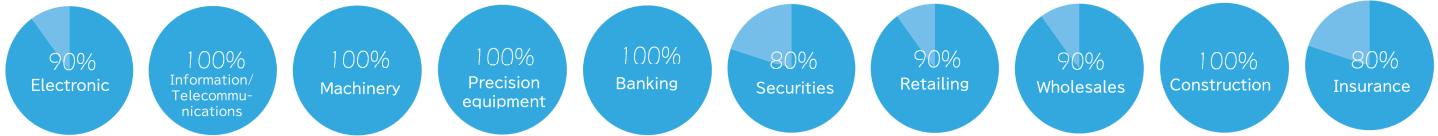
Initiate the market by continuously developing innovative various NW-related services & solution in-house



# Excellent Customer Base (Number of IJ Group's clients: approx. 15,000 as of March 31, 2024)

- ◆ Through reliable operation, continuous use of Internet connectivity services since the inception of IJ
- ◆ Our reliable infrastructure operation and cross-sell strategy have led to low churn rate

## Cover Most of Top Revenue Companies



## Client Distribution by Industry

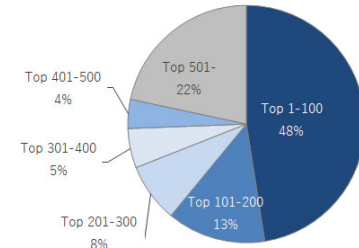
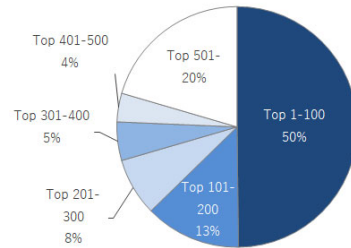
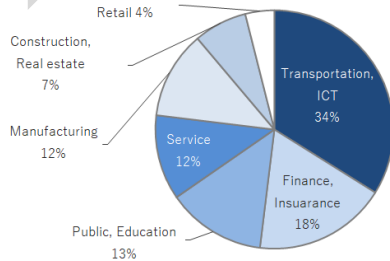
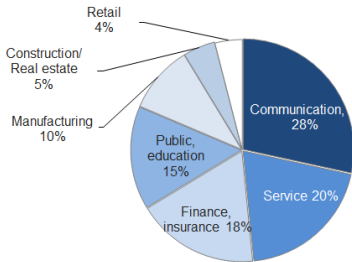
## Client Distribution by Revenue Volume

FY20

FY23

FY20

FY23



- Top ten firms in each industry taken from annual revenues are selected by IJ based on the Yahoo! Japan Finance website (finance/sales/whole market/daily)
- The service penetration and the revenue distributions are based on IJ's FY23



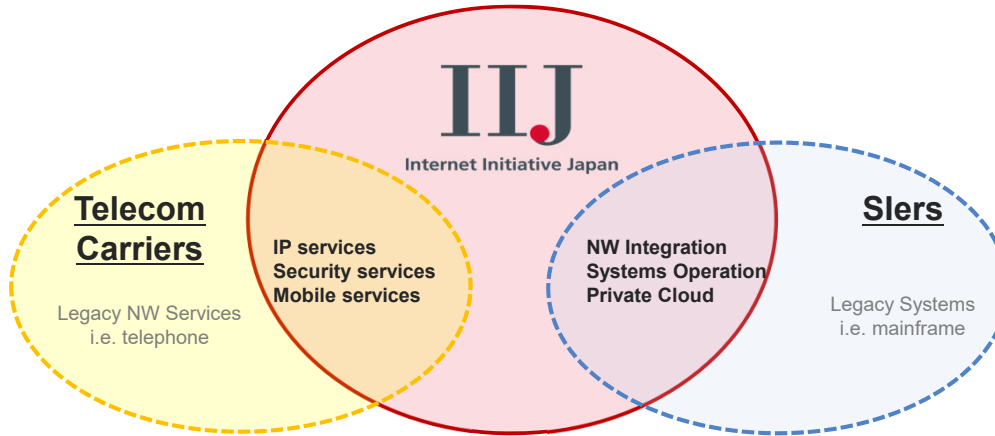
# Competitive Advantages

## Against telecom carriers, IIJ

- Has highly skilled IP (Internet Protocol) engineers
- Is faster to move than bureaucratic organizations
- Focuses on blue-chip companies' IT needs with SI

## Against systems integrators (SIs), IIJ

- Operates one of the largest Internet backbone (SIs do not)
- Has NW services asset and development capability (SIs do not)
- Focuses on Internet-related open type systems



**IIJ deals with newer systems and growing IT market  
(Not involved in heavy and legacy systems)**

# Enhancement of Human Capital

## ◆ Basic policy: continuously hire and train new graduates

- New graduates who studied NW are attracted to IJ who is the first full-scale ISP in Japan

## ◆ Increasing the size and improving the quality of recruitment and human capital development

- Programs to promote autonomous career development by having working experiences at other departments and/or working at overseas subsidiaries
- IJ provides a wide range of experience which leads to high employee satisfaction. Corporate culture of adopting new technology, aggressively engaging in new service development, etc.

## ◆ Expect further business expansion by seeking M&A opportunities

### Revenue Growth and Human Capital Enhancement

	FY19	FY20	FY21	FY22	FY23
<b>Total revenue</b>	¥204.5 bn	¥213.0 bn	¥226.3 bn	¥252.7 bn	¥276.1 bn
<i>Year over year</i>	+6.3%	+4.2%	+6.3%	+11.7%	+9.2%
	<b>FY19-end</b>	<b>FY20-end</b>	<b>FY21-end</b>	<b>FY22-end</b>	<b>FY23-end</b>
<b>Total number of employees</b>	3,583	3,805	4,147	4,451	4,803
<i>Year over year</i>	+6.9%	+6.2%	+9.0% *	+7.3%	+7.9%
Number of outsourcing personnel	1,123	1,270	1,319	1,385	1,521
	<b>Apr. 2020</b>	<b>Apr. 2021</b>	<b>Apr. 2022</b>	<b>Apr. 2023</b>	<b>Apr. 2024</b>
<b>Number of new graduates</b>	210	190	178	246	307

- Number of outsourcing personnel is for SI
- We added 62 personnel through PTC consolidation (Apr. 2021)

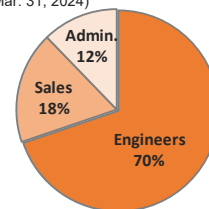
### Turnover rate

FY19	FY20	FY21	FY22	FY23
4.6%	3.6%	4.2%	3.8%	4.6%

- The turnover rate of IJ (non-consolidated basis) is calculated by dividing leavers for the fiscal year by the number of full-time employees at the beginning of that fiscal year.
- The industry average turnover rate of approx. 10% is announced by the Ministry of Health, Labor, and Welfare

### Breakdown of Employees

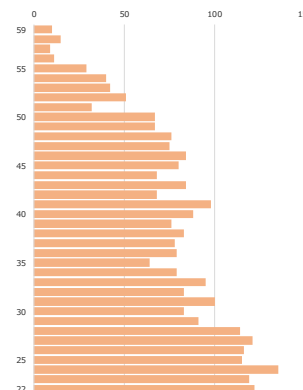
(As of Mar. 31, 2024)



- Breakdown of new graduates is almost identical

### Employee Age Composition

(As of Apr. 1, 2024, IJ)



### Female Manager Ratio

FY20	FY21	FY22	FY23	FY24
4.6%	5.5%	5.7%	6.3%	7.5%

- The female manager ratio is IJ (non-consolidated basis)
- Brought FY27 target forward by 1 year as IJ achieved target of over 6% a year earlier
- IJ targets over 8% or more in FY26

For more information on human capital, please visit  
[https://www.ij.ad.jp/en/ir/integrated-report/human\\_capital/](https://www.ij.ad.jp/en/ir/integrated-report/human_capital/)

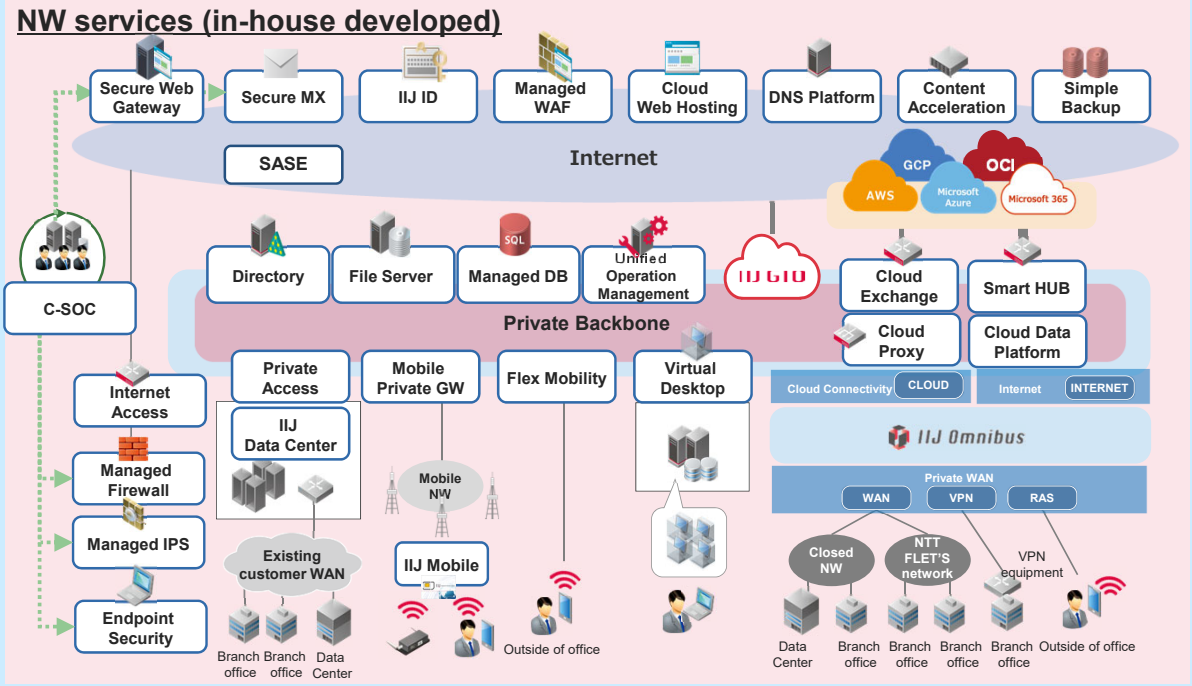
# Service/Business Function

Comprehensive NW system solution with NW services and SI	P. 27
Enterprise NW Services	P. 28
Security Services	P. 29 – 32
Mobile Services	P. 33 – 36
IoT Services	P. 37 – 38
Systems Integration (SI)	P. 39
Cloud Services	P. 40 – 41
Data Centers (DC)	P. 42

# Comprehensive NW system solution with NW services & SI

➤ By combining various in-house developed NW services with SI to provide comprehensive NW system solution

## SI to meet specific requirements cannot be covered by NW services



# Enterprise NW Services

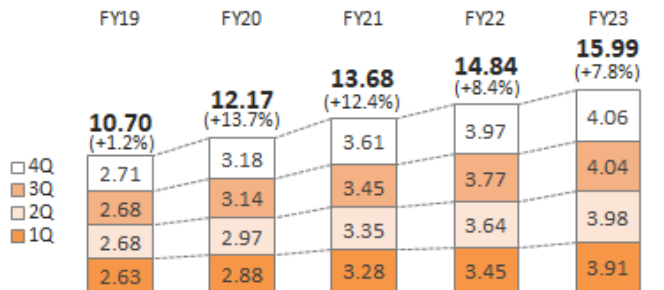
## IIJ's enterprise NW services' business model:

Cost doesn't have to increase at the same pace as the revenue: economies of scale

### IP service (Internet Protocol)

- ◆ IP Service is a bandwidth guaranteed dedicated Internet connectivity service for enterprises
- ◆ Service contracts are based on bandwidth. Minimum contract period is 1 year
- ◆ The revenue is 100% recognized in Internet connectivity services (Enterprise)
- ◆ Very low churn rate. Contracts are renewed every year, generally speaking
- ◆ IIJ has very high and stable market share among Japanese blue-chip
  - Difficult to newly enter the market because one will need customer base and engineers to operate Internet
    - IIJ's IP services clients include general Japanese enterprise as well as NW operators such as consumer ISPs and cable TV operators

IP Service Revenue (unit: ¥ billion)



### Business model

#### Cost

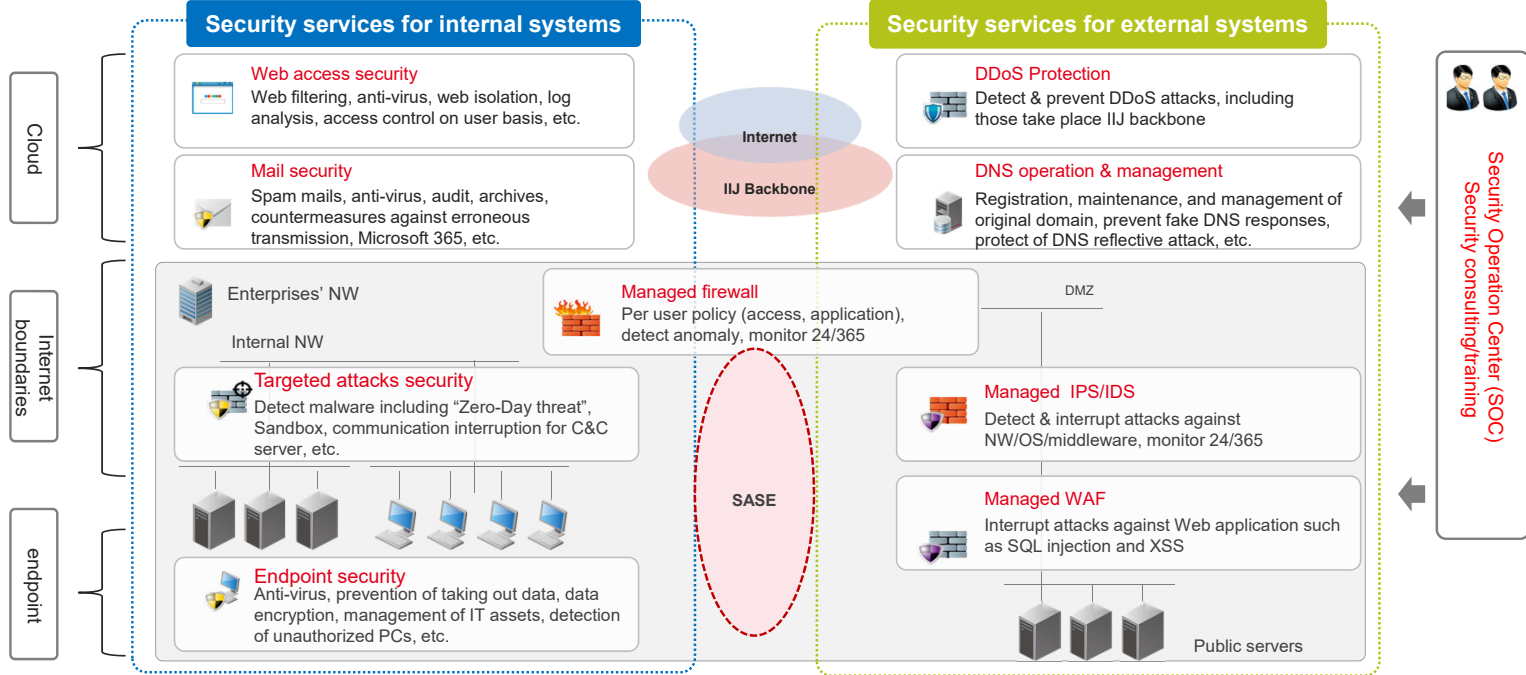
- ◆ IIJ purchases fiber from carriers
  - As one of the largest independent ISPs, IIJ has strong burgeoning power
  - IIJ expands its Internet backbone continuously
- ◆ IIJ owns NW equipment that are needed for Internet backbone and NW service facility
  - NW operation cost which is many depreciation amortization costs for NW equipment is stable due to the technological innovation of servers and other NW equipment
    - In other words, ¥1 million server today is higher spec compared to the ¥1 million server a year ago.

#### Revenue

- ◆ Enterprise NW service revenues such as IP services and Outsourcing services are to continuously increase while their costs remain relatively stable
- ◆ By that, IIJ can enjoy an economy of scale with strong revenue accumulation which leads to gross profit expansion
- ◆ In other words, the costs for enterprise NW services do not have to increase at the same pace the revenue growth

# Security Business (1)

- Provide a wide range of security services over network
- Information analysis platform utilizing information and expertise only available to ISPs



• SASE (Secure Access Service Edge) is a concept to shift controls of NW and security on the route to Cloud services to enable secure access from any points, instead of the conventional centralized management through headquarters or data centers.

# Security Business (2)

## ➤ Many initiatives taken by IIJ for security

- 1994 Started providing firewall services (first in Japan)
- 1999 Started providing fully-managed firewall services (first in Japan)
- 2004 Started providing spam mail filtering (first in Japan)
- 2005 Added sender domain authorization technology/spam mail protection (first in Japan), Started providing IIJ DDoS Protection Services
- 2006 Started providing IIJ Managed IPS Service and **IIJ Secure MX Service (SMX)**
- 2009 **Started providing IIJ Secure Web Gateway Service (SWG)**
- 2015 Added sandbox option (function to detect behaviors as a countermeasure against targeted attacks)
- 2016 Constructed information analysis platform (constructed platform to analyze log data within our backbone to realize early detection and countermeasures against increasingly sophisticated threats)
- 2017 Started providing DDoS Protection Service (terabit-compatible), Opened new Security Operation Center (SOC) and started providing C-SOC Service**
- 2018 IIJ Security engineers provided trainings at an international security conference “Black Hat USA 2018” (first as Japanese)**
- 2018 Started providing IIJ Secure Endpoint Security Service
- 2019 Started providing IIJ Managed WAF Security Service (public web system vulnerability countermeasures)
- 2021 Started providing IIJ CSPM Solution (Cloud Security Posture Management which means cloud security management)
- 2021 Opened IIJ Security Training School (launched business for IT division personnel assigned for security to become specialists)**
- 2022 Started providing IIJ Secure Access Service (in-house developed SASE service)**
- 2023 IIJ Security Business division director was appointed as Kanto Regional Police Bureau's cyber security advisor

### Invited and trained police officers to our SOC

- Apr. 2017 Hyogo prefecture (1 year)
- Oct. 2018 Shimane prefecture (3 months)
- July 2019 Hokkaido prefecture (3 months)

### Certification of multiple international standards

- Feb. 2020 Mail, Web Security Services
- Apr. 2020 IIJ Managed IPS/IDS Services
- Mar. 2021 DDoS Protection Service, IIJ Managed WAF

Continued afterwards

Training programs by experienced lecturers and active SOC analysts

# Security Business (3)

## IIJ Secure MX Service (SMX)

- ◆ Cloud-based integrated mail security service (launched in Sep. 2006)
- ◆ Differentiating by in-house developed filtering, providing support in Japanese, update, etc.
  - Minimize mail threats with multi filtering, able to store unlimited mail data in DCs located in Japan, prevent accidental transmission/information leak with the system
- ◆ Competitors withdrawing from the market



Share No.1  
Cloud based mail security

Cloud based mail security market  
Share No.1

<Source> ITR \*ITR Market View: Cyber Security counter market 2023\*

SMX contracted accounts	
Sep. 2023	2.84 million
Sep. 2022	2.83 million
Sep. 2021	2.65 million

Over 9 million accounts if include OEM

## IIJ Secure Web Gateway Service (SWG)

- ◆ Cloud-based integrated web security service (launched in Mar. 2009)
- ◆ Differentiating by in-housed developed engines, etc. to block and isolate web functions, etc.
- ◆ SWG clients include Sumitomo Life Insurance, Fuji TV, Mitsubishi Chemical, Meiji Gakuin University, and Morinaga

10 consecutive years



No.1  
SaaS Web gateway security

<Source> ITR \*ITR Market View: Cyber Security counter market 2023\*

SWG contracted accounts	
Mar. 2023	1.24 million
Sep. 2022	1.23 million
Sep. 2021	1.19 million
Sep. 2020	1.12 million

## IIJ DDoS (Distributed Denial of Service) Protection Service

- ◆ Comprehensive service to protect enterprise NW system from DDoS attacks (launched in Oct. 2005)
- ◆ Service model requires NW backbone to offer
  - Realize reliable web services by avoiding overloaded NW and server triggered by huge traffic
  - 24/365 operation by security engineers who have expertise obtained through ISP business
  - Automatically detect and prevent DDoS attacks
  - Internet access line are also within service coverage
  - Global coverage to prevent terabit level large-scale attack (Jan. 2017)
- ◆ High penetration rate toward large financial institutions

## IIJ C-SOC (Security Operation Center) Service

- ◆ Comprehensive security incident response service provided by IIJ security engineers
- ◆ Operational SOC service unique to ISPs: visualize invisible threats by applying IIJ's unique intelligence, execute initial response, etc.
- ◆ Individual service operation and monitoring including other managed services
- ◆ Relatively expensive service

### Coverage comparison

<Competitors>

<IIJ>

Log collection server Router construction	Trouble shooting Hardware exchange Configuration change Software version up Log collection server Router construction
--	--

### Information resource of IIJ

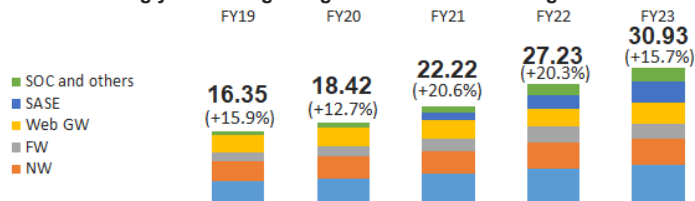
Security equipment log	170 billion lines per month
Mail access log	3.8 billion lines per month
Web access log	90 billion lines per month
Monitoring node	48 thousand
Number research sites by web crawler	Over 400 thousand per day



# Security Business (4)

## Security Service (monthly recurring revenue)

### ◆ Revenue strongly increasing along with continuous strong demands



### ◆ Total security business volume also growing

➢ Security projects outside the scope of IJ security services are handled through SI

Total security business volume (Service+SI)	FY19	FY20	FY21	FY22	FY23
	19.18	21.47	25.44	31.25	34.81

### ◆ Strong demand for "IJ C-SOC Service"

**Greater opportunity to integrate it as part of large NW renewal project**

➢ IJ's competitive advantages:

- Collaborate with various in-house devolved managed type gateway security services
- Wide monitoring scope including EDR & SASE
- Apply abundant traffic log data to develop IJ's unique intelligence as well as detect threat

### ◆ Continued to enhance service line-ups and functions

- First in the Asia-Pacific to be certified as Palo Alto Networks Partner for SP Interconnect, providing Internet connection between Prisma Access and IJ Backbone (Apr. 2024)
- Expanded functions of "IJ Managed WAF Service" by adding DDoS protection function in Oct. 2023
- Launched "IJ leaked account detection solution" in Nov. 2023
- Launched "IJ Attack Surface Assessment Solution" in Nov. 2023

- Security Service Revenue (recurring) is 100% recognized in Outsourcing
- SASE (Secure Access Service Edge) is a concept to shift controls of NW and security on the route to Cloud services to enable secure access from any points, instead of the conventional centralized management through headquarters or data centers. This concept is gaining popularity along with Cloud migration of enterprise operation systems, prevalence of flexible workstyle including teleworking.
- SOC (Security Operation Center): organization providing advices and actions regarding cyber attacks by constantly monitoring log data such as NW and device to detect and analyze cyber attacks

## Mail Security

- Full outsource of mail system, countermeasures for spam mail, etc.
- IJ Secure MX Service (SMX)
  - Cloud-based integrated mail security service (launched in Sep. 2006)
  - Differentiating by in-house developed multi-filtering, providing support in Japanese and upgrades
  - Minimize mail threats with multi-filtering, able to store unlimited mail date in DCs located in Japan, prevent accidental transmission/information leak with the system

## NW Security

- IJ DDoS Protection Service
  - Comprehensive service to protect enterprise network system from DDoS attacks (launched in Oct. 2005)
  - Service model unique to NW operators
  - Realize reliable web services by avoiding overloaded network and server triggered by huge traffic, global coverage to prevent terabit level large-scale attack (launched in Jan. 2017)
- IPS/IDS, WAF, etc.

## FW (Firewall)

- Outsource of firewall operation, detection system for anomaly, etc. (launched in Oct. 2006)

## Web GW

- Full outsource of web security, URL filtering,
- IJ Secure Web GW Service (SWG)
  - Cloud-based integrated web security service (launched in Mar. 2009)
  - Differentiating by in-house developed engines etc. to block and isolate web functions, etc.

## SASE

- Operation of Prisma Access, Zscaler etc.
  - Highly regarded as a top-class SASE implementation & operation vendor
  - From a vendor neutral position, provide all-in-one support ranging from solution selection, design, construction, implementation to operation
- IJ Secure Access Service "ISA"
  - In-house developed SASE service (launched in Sep. 2022)
  - Differentiating by high compatibility with other IJ security services, small start & low-price range
  - Continue to enhance the service, in the middle of setting up

## SOC and others

- IJ C-SOC Service
  - Launched in Oct. 2018
  - Operational SOC service unique to ISPs: visualize invisible threats by applying IJ's unique intelligence, execute initial response as well as notification etc.
  - Continuously expanding functions including recently launched "Premium" in May 2021 which offers primary responses against attacks
- Endpoint Security, etc.

# Mobile Business (1)

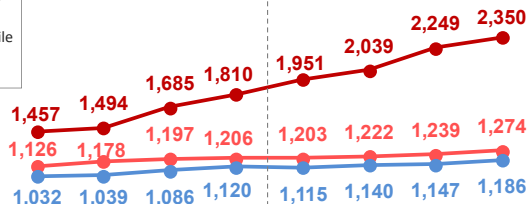
Unit: ¥ (JPY) billion (bn)  
%, YoY = Year over year comparison  
QoQ = Quarter over quarter comparison

Service/Business  
Function

## Mobile Subscription (Subs.)

Subscriptions (Subs.)  
(unit: thousand)

Enterprise mobile  
IJmio  
MVNE



## Mobile Revenue

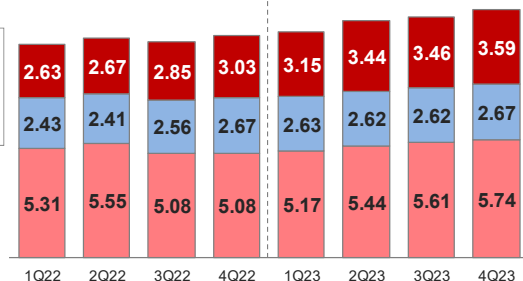
FY22: 42.27 (+3.8%)

FY23: 46.14 (+9.1%)

10.37 10.63 10.49 10.79 10.94 11.50 11.70 12.00

Revenues  
(unit: ¥ bn)

Enterprise mobile  
MVNE  
IJmio



- 4Q22 enterprise mobile revenue includes approx. ¥0.1 bn of lump-up revenue related to a large mobile project which consists of several phases
- Enterprise mobile subs.: in 4Q22, the subs. consistently increased by 124 thousand QoQ mainly due to additional line orders from the existing project for a taxi payment devices and increased demands from foreigners visiting Japan. In 3Q22, the subs. increased by 192 thousand QoQ as the existing project for a GPS tracker for children security largely increased by approx. 60 thousand

- Accumulate enterprise IoT traffic by leveraging the blue-chip client base, various NW services & SI function – higher utilization of the mobile infrastructure
- Consumer subscription contributing to expand the infrastructure

### ◆ Enterprise mobile

- FY23 revenue: ¥13.63 bn (+¥2.45 bn YoY)
- FY23-end subs.: 2,350 thousand (+101 thousand QoQ)
  - Existing transaction such as connecting NW cameras, GPS devices, and on-board unit-related devices are becoming larger and continuously acquiring new orders

### ◆ MVNE

- FY23 revenue: ¥10.55 bn (+¥0.48 bn YoY)
- FY23-end subs.: 1,186 thousand (+38 thousand QoQ)
- 3Q23-end MVNE clients: 192 clients (+11 clients YoY)
  - Cable TV operators (94 operators), prominent retailer, etc.

### ◆ IJmio

- FY23 revenue: ¥21.96 bn (+¥0.94 bn YoY)
  - Started offering large data volume plans from Mar. 2024, maximum of 50GB
- FY23-end subs.: 1,274 thousand (+36 thousand QoQ)
  - Of which, the old plan's subs. were 218 thousand

GigaPlans (unit: thousand)	1Q22-end	2Q22-end	3Q22-end	4Q22-end	1Q23-end	2Q23-end	3Q23-end	4Q23-end
Subs.	757	837	878	908	928	963	995	1,041

# Mobile Business (2)

Revenues (unit: ¥ billion)  
 ■ IJmio (consumer mobile)  
 ■ MVNE (providing mobile services to other MVNOs)  
 ■ Enterprise mobile (direct sales)

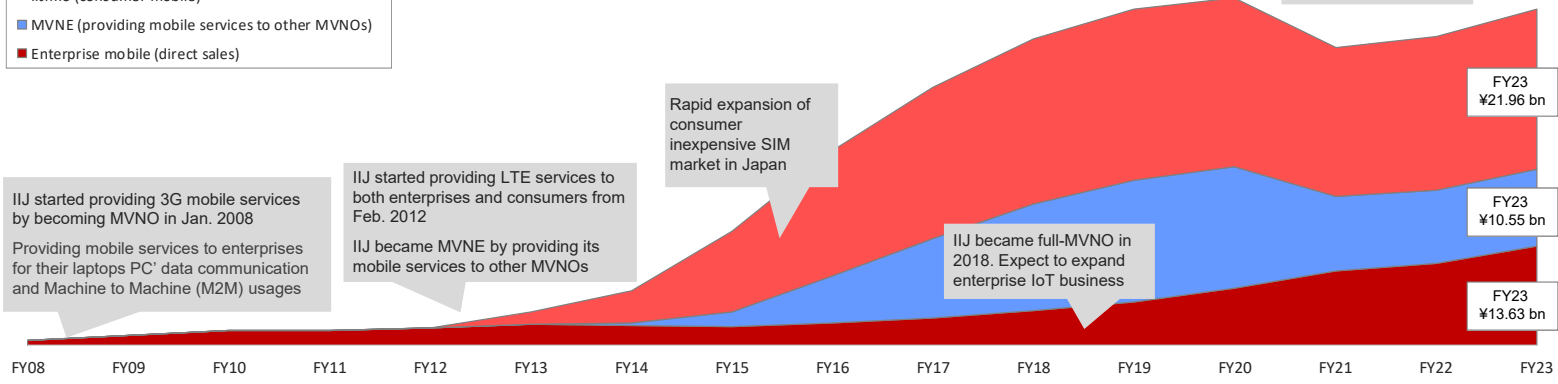
IJ started providing 3G mobile services by becoming MVNO in Jan. 2008  
 Providing mobile services to enterprises for their laptops PC' data communication and Machine to Machine (M2M) usages

IJ started providing LTE services to both enterprises and consumers from Feb. 2012  
 IJ became MVNE by providing its mobile services to other MVNOs

Rapid expansion of consumer inexpensive SIM market in Japan

IJ became full-MVNO in 2018. Expect to expand enterprise IoT business

IJ launched GigaPlans from Apr. 2021.



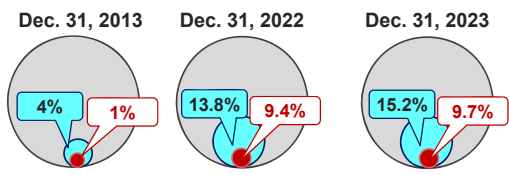
FY23  
¥21.96 bn

FY23  
¥10.55 bn

FY23  
¥13.63 bn

## Consumer inexpensive SIM market in Japan

■ Total mobile subscription  
 ■ MVNO subscription  
 ■ SIM subscription



Source: the Ministry of Internal Affairs and Communications (MIC)

## SIM type MVNO market share in Japan

	Dec. 31, 2022	Mar. 31, 2023	June 30, 2023	Dec. 31, 2023
1st IJ	19.7%	19.8%	20.0%	21.3%
2nd NTT Resonant	11.1%	11.9%	12.2%	10.4%
3rd Optage	9.1%	9.0%	9.0%	8.7%
4th Fujitsu	5.6%	5.6%	5.6%	5.7%
5th Biglobe	4.9%	4.8%	4.7%	4.7%

Source: the Ministry of Internal Affairs and Communications

(\*) NTT Docomo's figures as of Dec. 31, 2023 was formerly NTT Resonant's one

# Mobile Business (3)

➤ Most of current enterprise mobile solution are simple usage such as connecting NW and surveillance cameras, etc.

- Seeing some advanced usage such as Factory IoT for Toyota Motor Hokkaido <https://www.ij.ad.jp/en/news/pressrelease/2020/0803.html>

## Accumulating various enterprise mobile solutions

Network Cameras	Office IT	B-to-C
Store marketing cameras	iPads and tablets	Karaoke communications
Security cameras for apartment complexes, etc.	Remote work (teleconferencing)	Child monitoring devices
Surveillance cameras for material storage sites, etc.	Business / IP transceivers	Networking between devices at game arcades
Security cameras	Store visitor management systems	Currency exchange machines for foreign visitors to Japan
River water level remote monitoring	Built-in SIMs for PCs	Cashless payment terminals
Transportation	Corporate Activities / Other	
Dashcams	Structural health monitoring terminals	Rice paddy water management
Taxi dispatching	Plant equipment management	Shrimp cultivation
Bus locational information	Natural disaster observational data collection	Mobile sales offices
Remote key locking and unlocking	Vending machines	Digital signage

# Mobile Business (4)

## IJJ's mobile business model

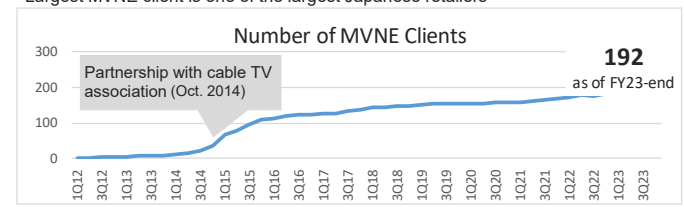
- ◆ **Revenue**
  - Consumer mobile revenue is calculated by multiplying subscription by ARPU
    - Headsets sales are also recognized as consumer revenue. IJJ is recognized as MVNO with good lineups of smartphone
  - Enterprise mobile revenue is to grow with IoT/M2M traffic. Because we charge by how much data is needed and an IoT device does not require much data, generally speaking, per device revenue tends to be quite small
- ◆ **Cost**
  - All of IJJ's mobile services are provided from the same mobile infrastructure
  - Purchasing mobile infrastructure on bandwidth-base from mobile carriers (mainly from Docomo, some from KDDI). Such purchasing cost is recorded as "outsourcing" in NW services' costs
  - In order to provide voice services, we purchase per usage base (no economy of scale merit for voice services)
  - Sales commission expenses (SG&As) to sales partners such as BicCamera
- ◆ **Profit**
  - Profitability to increase by improving infrastructure utilization through gathering various consumer & enterprise traffic
    - Traffic patterns of consumers and enterprises are different
      - ✓ Consumers' peak time is commuting hours and lunch break. Other than these hours, our consumers tend to access Internet through their home and/or office Wi-Fi. On the other hand, there is no clear peak time for enterprise. Traffic is generated through mobile dongle and/or IoT type usages which run 24/7

## Growth Strategy

- ◆ **Aim to improve mobile infrastructure utilization by gathering IoT/M2M & various consumer traffic**
  - Currently buying mobile capacity to meet the peak hours which are concentrated on commuting hours and lunch time
- ◆ **Currently, IJJ is increasing mobile infrastructure to meet the peak of consumer traffic which is concentrated around commuting hours and lunch time. The overall mobile infrastructure utilization of other hours is relatively low**
- ◆ **By gathering various type of mobile traffics such as enterprise IoT traffic which is not concentrated at certain hours, we could aim for higher mobile infrastructure utilization**

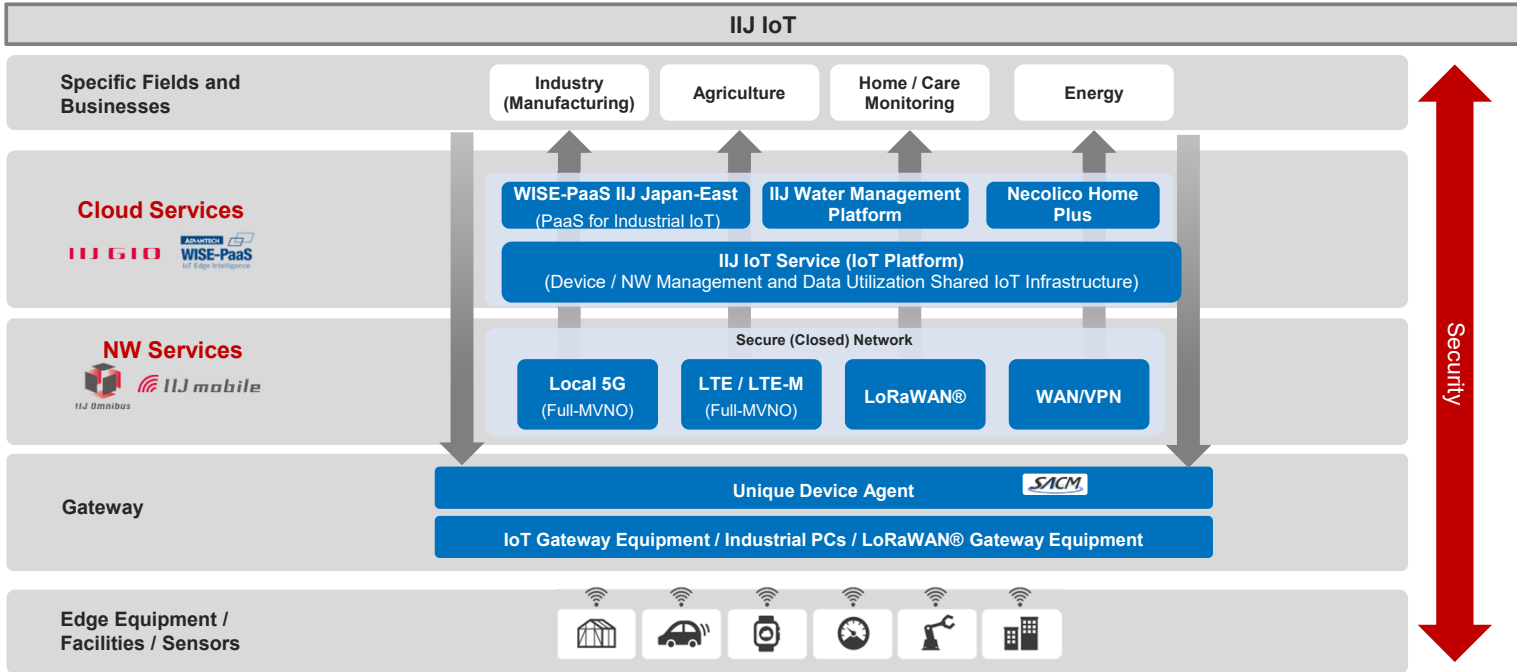
## IJJ's sales channel for consumers

1. **Direct sales** through IJJ's website
2. **Sales partners** such as BICCAMERA INC. one of the largest retailers in Japan
  - IJJ pays sales commission expenses to sales partners
3. **MVNE "IJJ Mobile Platform Service"**
  - IJJ provides mobile services to other MVNOs
  - As of Mar. 31, 2024, IJJ had 192 MVNE clients
    - Among them, 94 MVNE clients are Japanese cable TV operators who already have direct relationship with consumers
    - Largest MVNE client is one of the largest Japanese retailers



# IoT Business (1)

Combining IIJ's existing service lineups and SI to build IoT systems



# IoT Business (2)

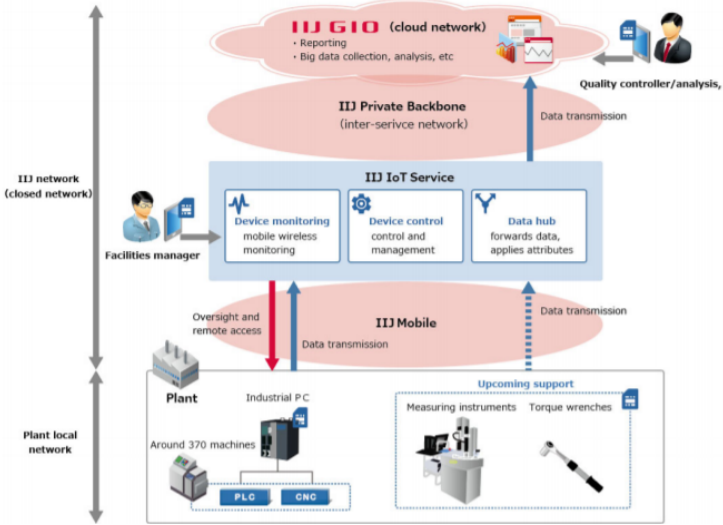
IIJ's IoT projects	
<b>Industrial machinery manufacturers</b>	Shift from reactive post-sales maintenance model to proactive field services (making predictions based on data)
<b>Car accessory manufacturers</b>	Expansion of service businesses by acquiring data through the networking of products and establishing software technology development organizations to develop services that use that data
<b>Measuring instrument manufacturers</b>	Expansion of services to streamline & improve the accuracy of recording tasks by going beyond just "measuring" things & providing linking data customers measure with their business systems
<b>Automotive manufacturers</b>	Improved efficiency of equipment management to cover personnel shortages, analyzing the expertise of skilled workers in maintaining operating capacity and implementing traceability to ensure quality
<b>Trading companies (agriculture)</b>	Shift from the sales of pesticides & chemical fertilizers to the provision of pesticide spraying technologies that reduce the amount used, & the development of cutting-edge agricultural technologies

## Advanced IoT usage: factory IoT

◆ IIJ provides IoT system for Toyota Motor Hokkaido

- Providing a one-stop solution by offering mobile and Cloud services from data collection via closed mobile network to creation of a cloud platform for visualizing and analyzing the collected data.

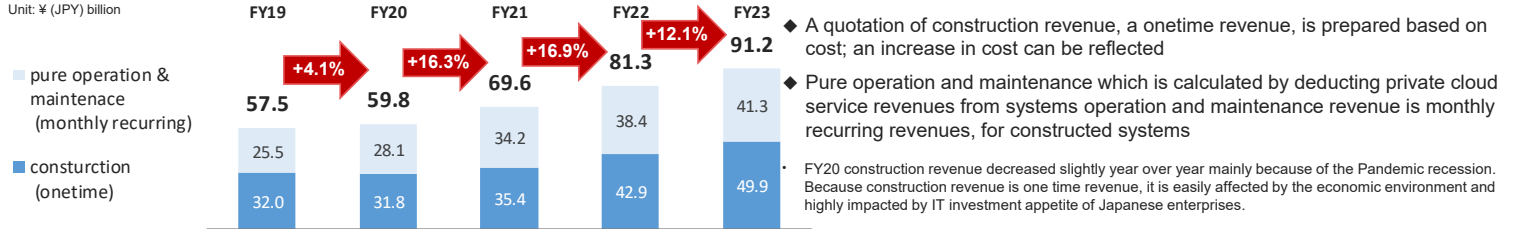
System image



# Systems Integration (SI)

- ◆ Started offering SI to fully meet Japanese enterprises' IT demands which are quite specific & difficult to meet solely by NW services
- ◆ Seeing greater proposal opportunities to replace legacy private NW and systems which often require customization and Service Integration

## SI revenue growth



## IIJ's SI projects are becoming larger and more complex

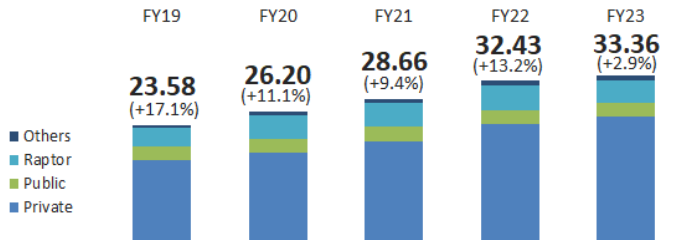
	Conventional contracts	Current trend
<b>Revenue Size</b>	Few million to tens of millions (JPY)	Few hundreds of millions (JPY)
<b>Type</b>	NW integration, server enhancement and other Internet related systems construction projects	Complete replacement of current enterprise NW/system
<b>Term</b>	Construction revenue is usually booked after 3 to 6 months from order received	<ul style="list-style-type: none"> <li>• Construction revenue is sometimes booked a year later from order received</li> <li>• Greater time to book order received as projects becoming more complex and larger</li> </ul>
<b>Cost structure</b>	Mainly hardware	Larger number of system engineers and outsourcing personnel are needed



# Cloud Business (1)

## Cloud service revenue (monthly recurring)

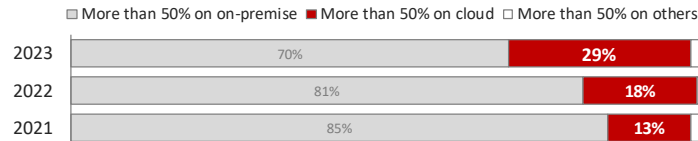
### Revenue continued to accumulate along with the constant cloud shift



• FY23 Cloud Service revenue recognition: 91.7% in systems operation, 8.3% in Outsourcing

## Majority of enterprise systems are still operating on-premise

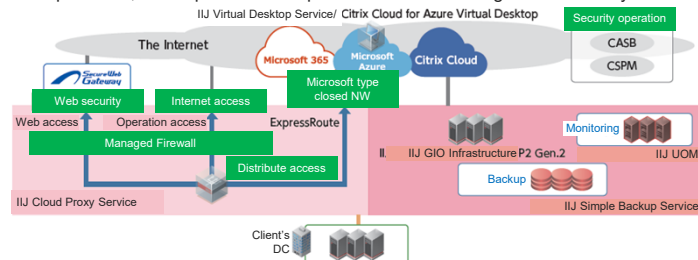
### Location of servers working and/or deployed



Source: Internet Initiative Japan "Nationwide survey on IT department" 2021 N=737, 2022 N=598, 2023 N=214

### Continued to accumulate cloud migration projects

- Case 1: Upon DC contract renewal, a client started considering cloud migration of the current systems
  - ✓ IIJ GIO Infrastructure P2.Gen2, Migration Solution, and UOM combined to achieve easy migration to cloud with almost no changes to the current configuration. IIJ was in charge of test and production migration work, continued use of existing IP addresses, integrated cloud and NW maintenance, etc.
- Case 2: Upon the end of service of virtual desktop systems, a client started considering cloud migration
  - ✓ On-premise environment often causes long waits for login and other usability problems, but IIJ provides multiple IIJ services including IP and security to create



Private cloud	Public cloud
<ul style="list-style-type: none"> <li>➢ IIJ GIO Infrastructure P2 Gen.2                             <ul style="list-style-type: none"> <li>• Next generation IaaS enabling easy Cloud migration from on-premise (launched in Oct. 2021)</li> <li>• Highly transitional VMware base hosted private Cloud</li> </ul> </li> <li>➢ IIJ Unified Operation Management Service (UOM)                             <ul style="list-style-type: none"> <li>• SaaS to improve efficiency of multi-cloud system operation work (launched in Apr. 2017)</li> <li>• Management and operation cover wide range from cloud to on-premise, Improve efficiency with automated incident management etc.</li> </ul> </li> <li>➢ Multi-cloud, etc.</li> </ul>	<ul style="list-style-type: none"> <li>➢ Low-cost servers with pay-as-you-go pricing, etc.</li> </ul>
	Raptor
	<ul style="list-style-type: none"> <li>➢ In-house developed SaaS base FX (Foreign Exchange) platform services for online brokers, launched in Nov. 2011</li> <li>➢ Providing services to Hirose Tsusho, Line Securities, au Kabucom Securities, Nomura Securities, Sony Bank, SMBC Nikko Securities, Matsui Securities etc.</li> <li>➢ New service platform (from Sep. 2023)                             <ul style="list-style-type: none"> <li>• With cloud-native design, greater scalability, performance, and security features than the previous platform</li> </ul> </li> </ul>
	Others
	<ul style="list-style-type: none"> <li>➢ Cloud services provided through overseas subsidiaries, etc.</li> </ul>

# Cloud Business (2)

- Cloud services as one of the cross-selling elements
- Promoting cloud shift of the current blue-chip Japanese enterprises

## IIJ's competitive advantages

- ◆ **Blue-chip client base**
- ◆ **Cloud as new business opportunity**
  - Because blue-chip companies' internal systems have been covered by legacy system integrators (Slers), it is a new business opportunity for IIJ once such systems migrate toward Cloud. IIJ has not dealt with legacy internal enterprise systems
- ◆ **Various NW service line-ups, various ways to access cloud systems**
- ◆ **Competitors**
  - AWS (Amazon) & Azure (Microsoft): Strong scale merit. Focus on public cloud. Not so strong about meeting individual systems needs
    - Because start-ups and SMEs do not have to worry about existing systems, they tend to use cloud services much more and much faster compared to large blue-chip companies who have large and complex existing systems
  - Legacy Slers

## IIJ's cloud business model

- ◆ **Revenue**
  - Revenue is to increase along with an increase in the number of cloud service clients and each system volume (system volume depends on a number of cloud servers, volume of storage, etc.)
- ◆ **Cost**
  - Depreciation and amortization cost for servers and other NW equipment, outsourcing cost and personnel costs for service developments
- ◆ **Profit**
  - Currently very low profitability, need more revenue to have economy of scale

## Cloud market in Japan

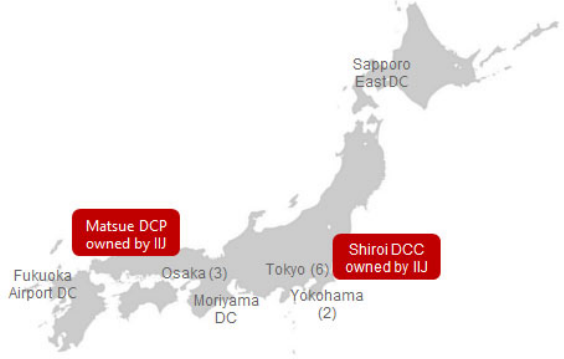
- ◆ **Slow cloud shift in Japan**
  - Japanese enterprises are slowly but surely using more cloud services, yet most of such usages are primitive ones: using cloud services for web and/file servers, etc.
  - Japanese blue-chip' internal systems are quite large and complicated - can't migrate all at once
  - Japanese enterprises consider whether to re-invest their on-premise systems or migrate to Cloud services when their existing systems approach to the end of life
    - Average cycle of IT system: 4-5 years
- ◆ **Some advanced usages**
  - Nippon Express (one of the largest logistics companies): replaced on-premise critical business operation system to IIJ Cloud (3,500 servers, 2PB storage), etc.

## Multi-cloud strategy

- ◆ **Japanese enterprises avoid relying on single cloud service vendor and prefer multi-cloud systems**
  - Multi-cloud demands are generating demands for "IIJ Cloud Exchange Services" (revenue recognized in NW Services) which provide private connectivity to third vendor Cloud services such as AWS (Amazon), Microsoft, and Google
  - IIJ provides operation and management services to effectively monitor an entire IT systems through IIJ UOM Service which covers IIJ's cloud services, other cloud vendors' cloud services and on-premise systems
  - "IIJ GIO Infrastructure P2 Gen.2," which was launched in Oct. 2021 to promote full-scale cloud shift of enterprise systems, is accumulating orders

# Data center

- ◆ Operate 16 DCs in Japan, 2 of which are owned by IIJ (as of Mar. 2024)
  - > Expanding own DC capacity along with growing demands for IIJ services
  - > Expect higher efficiency by gradually migrating leased DC spaces to own DCs



	Matsue DCP (opened in Apr. 2011)	Shiroy DCC (opened in May 2019)
Objective	Own service facility	
Features	<ul style="list-style-type: none"> <li>• First in Japan to use outside-air cooling container units</li> <li>• Able to increase capacity responding to demand per container</li> <li>• Utilize on-site solar power panels</li> </ul>	<ul style="list-style-type: none"> <li>• Adopt latest energy-saving method including outside-air cooling method</li> <li>• More flexible and cheaper capacity expansion through system module method</li> <li>• Shifting peak of air conditioning power by utilizing lithium-ion storage batteries</li> <li>• Utilize on-site solar power panels</li> <li>• Direct procurement of non-fossil fuel certificates toward the supply of electricity with environmental values (Apr. 2023)</li> </ul>
Land	Approx. 16 thousand square meters	Approx. 40 thousand square meters
Number of in placed racks	Approx. 500 racks	Over 700 racks
FY23 PUE	1.33	1.36
Plan	<ul style="list-style-type: none"> <li>• Construction of new system module                             <ul style="list-style-type: none"> <li>✓ Construction from Feb. 2024, Scheduled operation from May 2025</li> <li>✓ Approx. 2 thousand square meters</li> <li>✓ Approx. 300 racks</li> <li>✓ FY23 capex (plan): over ¥5.0 bn (to be partially covered with subsidy)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> site is to be fully occupied around FY26 by own service facility and collocation</li> <li>• 3<sup>rd</sup> site construction is under discussion (From FY25)</li> </ul>

Tesla's power pack



Edge computing



• PUE(Power Usage Effectiveness) is a metric that shows how efficiently electricity is used at a data center. The closer to 1.0 is considered to be good.

# Financials

Financial Performance (FY19 ~ FY23 results)

P. 44

FY23 Financial Results

P. 45 – 59

FY24 Financial Targets

P. 60

# Financial Performance (FY19 ~ FY23 results)

		FY19	FY20	FY21	FY22	FY23
<b>Total Revenue</b>		<b>204.5</b>	<b>213.0</b>	<b>226.3</b>	<b>252.7</b>	<b>276.1</b>
	YoY	+6.3%	+4.2%	+6.3%	+11.7%	+9.2%
<b>NW services</b>		<b>122.0</b>	<b>126.8</b>	<b>128.2</b>	<b>138.9</b>	<b>151.3</b>
	YoY	+2.8%	+4.0%	+1.1%	+8.4%	+8.9%
<b>Enterprise NW</b>		<b>75.9</b>	<b>79.3</b>	<b>87.5</b>	<b>96.6</b>	<b>105.2</b>
	YoY	(-0.1%)	+4.5%	+10.3%	+10.5%	+8.9%
<b>Mobile services</b>		<b>46.1</b>	<b>47.5</b>	<b>40.7</b>	<b>42.3</b>	<b>46.1</b>
	YoY	+9.8%	+3.1%	(14.3%)	+3.8%	+9.1%
<b>SI</b>		<b>78.4</b>	<b>83.3</b>	<b>95.3</b>	<b>110.9</b>	<b>121.8</b>
	YoY	+12.5%	+6.2%	+14.5%	+16.4%	+9.8%
<b>Operating Profit</b>		<b>8.2</b>	<b>14.2</b>	<b>23.5</b>	<b>27.2</b>	<b>29.0</b>
	YoY	+36.6%	+73.2%	+65.3%	+15.6%	+6.6%
<b>Operating Margin</b>		<b>4.0%</b>	<b>6.7%</b>	<b>10.4%</b>	<b>10.8%</b>	<b>10.5%</b>
<b>Net Profit</b>		<b>4.0</b>	<b>9.7</b>	<b>15.7</b>	<b>18.8</b>	<b>19.8</b>
	YoY	+13.8%	+142.4%	+61.4%	+20.2%	+5.2%
<b>ROE</b>		<b>5.2%</b>	<b>11.5%</b>	<b>16.2%</b>	<b>17.0%</b>	<b>16.3%</b>
<b>NW service gross margin</b>		<b>16.3%</b>	<b>21.4%</b>	<b>27.8%</b>	<b>27.5%</b>	<b>28.7%</b>
<b>SI gross margin</b>		<b>13.8%</b>	<b>14.5%</b>	<b>15.7%</b>	<b>16.7%</b>	<b>15.6%</b>

- NW services (excluding Mobile service) revenue decreased YoY in FY19 mainly due to WAN services' certain large customers' migration to our mobile services
- Mobile service revenue decreased YoY in FY21 and expect to decrease in FY22 mainly due to subscriber migration to new cheaper plan
- Net profit is \*Profit for the period/year attributable to owners of the parent\*

# FY23 Summary

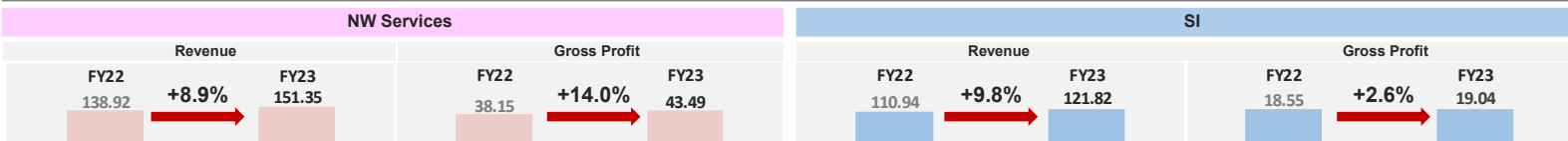
Unit: JPY/¥ billion (bn), +%, YoY = Year over year comparison, QoQ = Quarter over quarter comparison  
Net Profit is "Profit for the period attributable to owners of the parent"

Financials

**Expanded business domain to Service Integration in response to the advancement & renewal of enterprise NW  
Pivotal fiscal year for the further revenue growth in SI construction and NW service**

**Total Revenue: ¥276.1 bn, +9.2%    Operating Profit: ¥29.0 bn, +6.6%    Net Profit: ¥19.8 bn, +5.2%    ROE: 16.3%    Total Shareholders' Return: 82.4%**

(Executed share buyback and its cancellation of ¥11.4 bn in May 2023)



**NW Service** (exc. Mobile) ◆ **FY23 total revenue: ¥105.2 bn, +8.9% YoY**  
 • Each service revenue continued to grow. IP: +7.8% YoY, Outsourcing: +13.2% YoY (of which, security: +15.7% YoY), WAN: +2.7% YoY  
 • IP & Outsourcing revenue growth continued to expand gross profit through economies of scale

**Mobile IoT** ◆ **FY23 total revenue: ¥46.1 bn, +9.1% YoY (FY22: +3.8% YoY), FY23-end total subs.: 4,810 k, +674 k YoY (FY22-end: +639 k YoY)**  
 • Business growth led by enterprise IoT with large increase in revenue and subscription (subs.) by +21.9% and 540 thousand YoY respectively  
 Existing transaction such as connecting NW cameras, GPS devices, & on-board devices are becoming larger & continuously acquiring new orders  
 • Revenues & subs. for MVNE & consumer were back to QoQ net addition. No.1 MVNO market share since Dec. 2020 (MIC, SIM type), No.1 customer satisfaction 3 years in a row (J.D. Power)

**SI** ◆ **FY23 order-received: Construction ¥59.86 bn, +35.2% YoY, Operation & maintenance ¥88.09 bn, +15.0% YoY**  
**FY23-end order backlog: Construction ¥23.76 bn, +72.2% YoY, Operation & maintenance ¥85.13 bn, +23.5% YoY**  
 • FY23 revenue recognition was weak because of a structural change of longer lead time which was due to projects becoming larger in sizes & more complex  
 • In 4Q23, received orders of large-scale NW renewal project for a prominent manufacturer (¥3.0 bn, 5 years), large-scale IT infrastructure installation project (¥1.0 bn, SI construction), etc.

**FY23 Business Topics**

- ◆ **Acquired large scale projects with multi-year contract consecutively through Service Integration<sup>(\*)</sup> model**  
 • Renewal of Chiba-city's educational information NW (¥12.3 bn), NW renewal for a large financial institution (¥4.0 bn), service infrastructure construction & operation for an enterprise (¥4.0 bn), Integrated operation system construction for a public sector organization (¥3.0 bn)
- ◆ **Expansion of own DCs:** Shiroi second site started operating from Jul. 2023, to be fully occupied by around FY26 due to own service facility expansion and collocation demand
- ◆ **Significant revenue growth for overseas business, FY23 revenue ¥35.3 bn (+38.1% YoY)**  
 ASEAN business growing as strong demands for global NW, large-scale DC construction project (¥2.8 bn) & increased momentum for PTC<sup>(\*)</sup>
- ◆ **Change in shareholders structure:** NTT Group & KDDI both own 11.1% as leading shareholders (May 2023). As a part of the transaction, executed ¥11.4 bn of share buyback
- ◆ **DeCurret progressing:** Working toward Japan's first digital currency platform service to be launched in Jul. 2024

(\*) Provide in-house developed NW services with SI, Greater opportunities and proposal areas along with internal large-scale NW renewals, etc.

(\*) Singaporean Sler, consolidated subsidiary since Apr. 2021

# Consolidated Financial Results

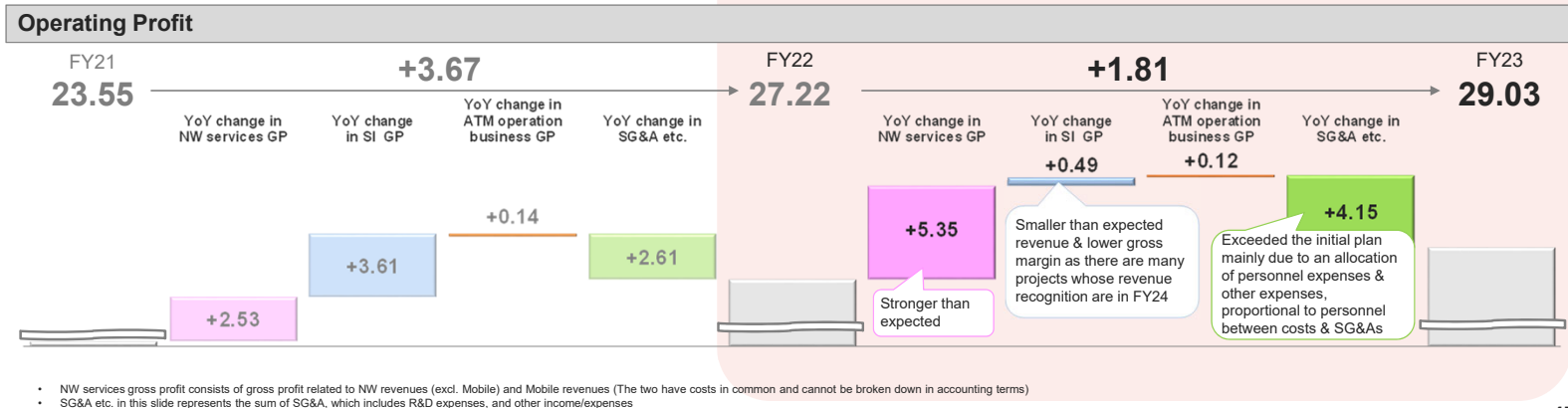
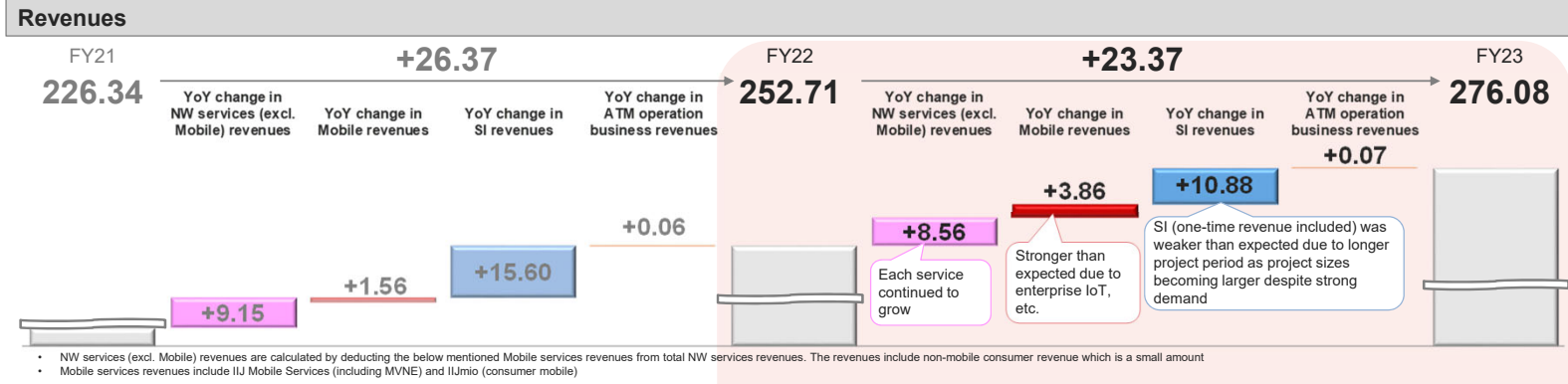
	% of revenue		YoY		% of revenue
	FY23 Results Apr. 2023 - Mar. 2024	FY22 Results Apr. 2022 - Mar. 2023			FY2023 Targets (Announced in May 2023) Apr. 2023 - Mar. 2024
Revenues	<b>276.08</b>	<b>252.71</b>	<b>+9.2%</b>	<b>+23.37</b>	<b>286.0</b>
Cost of Revenues	76.9% <b>212.21</b>	77.1% <b>194.80</b>	<b>+8.9%</b>	<b>+17.41</b>	77.1% <b>220.5</b>
Gross Profit	23.1% <b>63.87</b>	22.9% <b>57.91</b>	<b>+10.3%</b>	<b>+5.96</b>	22.9% <b>65.5</b>
SG&A etc.	12.6% <b>34.84</b>	12.1% <b>30.69</b>	<b>+13.5%</b>	<b>+4.15</b>	11.9% <b>34.0</b>
Operating Profit	10.5% <b>29.03</b>	10.8% <b>27.22</b>	<b>+6.6%</b>	<b>+1.81</b>	11.0% <b>31.5</b>
Profit before tax	10.5% <b>28.93</b>	10.8% <b>27.31</b>	<b>+6.0%</b>	<b>+1.63</b>	10.6% <b>30.4</b>
Net Profit	7.2% <b>19.83</b>	7.5% <b>18.85</b>	<b>+5.2%</b>	<b>+0.98</b>	7.2% <b>20.7</b>

- SG&A etc. represents the sum of SG&A, which includes R&D expenses, and other income/expenses
- Net profit is "Profit for the period/year attributable to owners of the parent"
- YoY change of net profit is based on the retrospective application of IAS 12 "Income Taxes"

# Year over Year Analysis

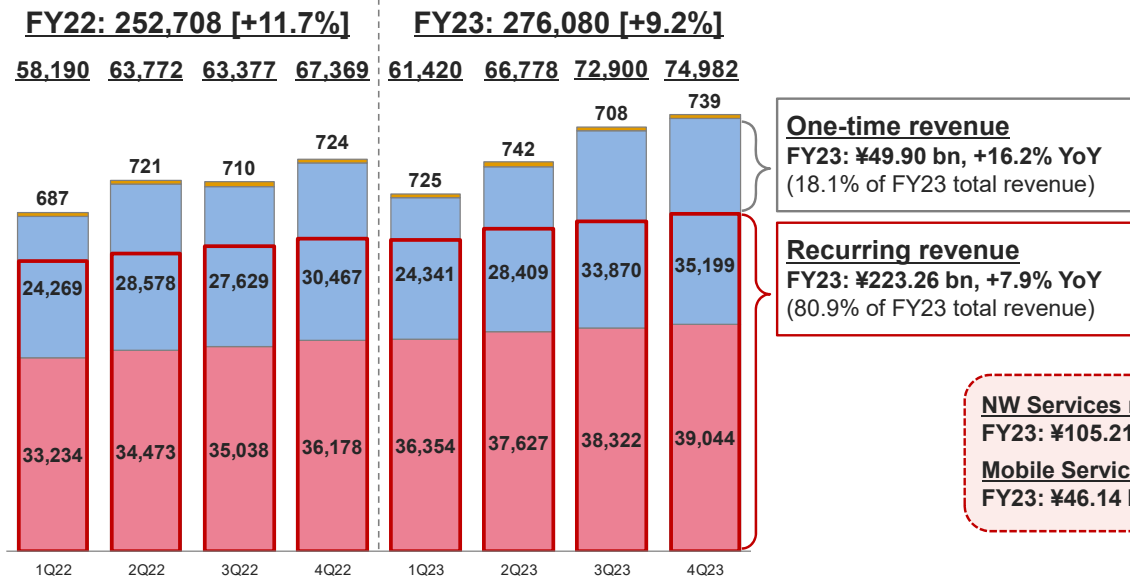
Unit: ¥ (JPY) billion (bn)  
GP = Gross Profit  
YoY = Year over year comparison

Financials





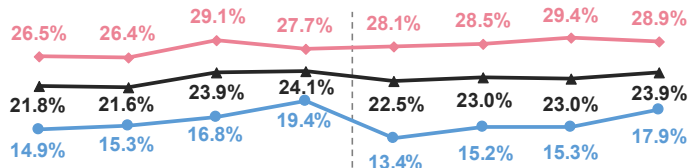
## Revenues



- One-time revenue, systems construction revenues which include equipment sales, is mainly recognized when systems and/or equipment are delivered and accepted by customers
- Recurring revenue represents the following monthly recurring revenues: Internet Connectivity Services (Enterprise), Internet Connectivity Services (Consumer), Outsourcing Services, WAN Services, and Systems Operation and Maintenance
- Mobile services revenues include IJ Mobile Services (including MVNE) and Ilmio (consumer mobile)

# Cost of Revenues & Gross Profit Ratio

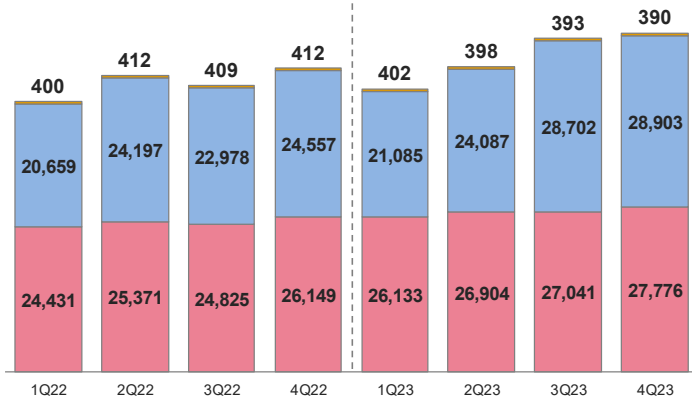
Gross margin: ◆ NW (Network Services) ◆ SI (Systems Integration) ▲ Total  
 Cost of revenues: ■ NW (Network Services) ■ SI (Systems Integration) ■ ATM Operation Business



**FY22: 194,800 [+11.5%]**

**FY23: 212,214 [+8.9%]**

**45,490 49,980 48,212 51,117 47,620 51,389 56,136 57,069**



NW service gross margin:

- 3Q23 gross margin included a onetime profit contribution of over ¥0.1 bn which was the result of FY22 Docomo's mobile data interconnectivity (unit charge) revision
- 3Q22 gross margin included a onetime profit contribution of over ¥0.5 bn which was the result of FY21 Docomo's mobile data interconnectivity (unit charge) revision

## ◆ Total gross profit

- FY23: ¥63.87 bn (+10.3% YoY)

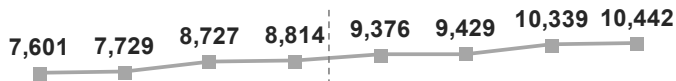
## ◆ Gross profit for NW services

- FY23: ¥43.49 bn (+14.0%, +¥5.35 bn YoY)
  - Gross margin improved by 1.3 points YoY along with revenue growth
  - Among ¥5.35 bn of gross profit increase, which is based on managerial accounting, NW service (excluding Mobile services) gross profit increased slightly more than ¥4.2 bn YoY
  - Gross profit of mobile services also nicely increased along with an increase in enterprise IoT revenue, etc.

## ◆ Gross profit for SI

- FY23: ¥19.04 bn (+2.6%, +¥0.49 bn YoY)
  - FY23 gross margin was weak mainly due to the small construction revenue, an allocation of resources such as engineers to prospective orders of large-scale projects, and a low systems operation and maintenance revenue growth (a scheduled termination of a particular project)  
FY23 gross margin decreased by 1.1 points YoY

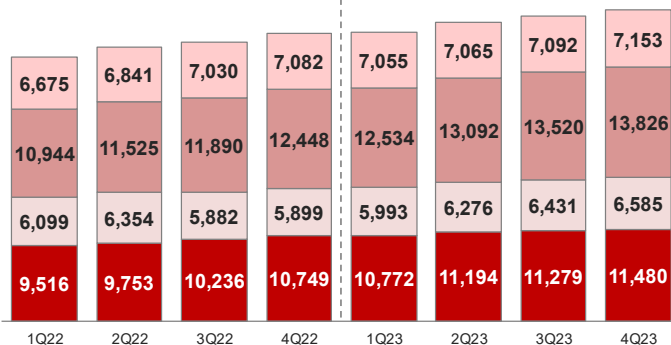
# Network (NW) Services (1) Revenues



FY22: 138,922 [+8.4%]

FY23: 151,347 [+8.9%]

33,234 34,473 35,038 36,178 36,354 37,627 38,322 39,044



## ◆ Internet Connectivity (enterprise) Services

➢ FY23: ¥44.73 bn, +11.1% YoY

- Internet traffic (please refer to P.45) and contracted bandwidth continued to expand
- Of which, IP: ¥15.99 bn, +7.8% YoY
- Of which, Enterprise mobile (IoT usages etc.): ¥13.63 bn, +21.9% YoY
- Of which, MVNE (service offer to other MVNOs): ¥10.55 bn, +4.7% YoY
  - ✓ Revenue growth absorbed a decrease in revenue due to reflecting a decreased procurement costs in selling prices at the beginning of FY23

## ◆ Internet Connectivity (consumer) Services (Mainly consumer mobile "IIJmio")

➢ FY23: ¥25.29 bn, +4.3% YoY

- Of which, consumer mobile (IIJmio): ¥21.96 bn, +4.5% YoY

## ◆ Outsourcing Services (Various in-house developed network services)

➢ FY23: ¥52.97 bn, +13.2% YoY

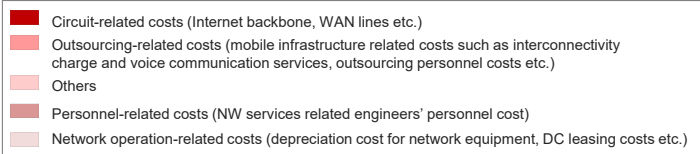
- Of which, security: ¥30.93 bn, +15.7% YoY
  - ✓ Strong demand for SASE mainly due to NW renewal projects
  - ✓ Demand for SOC (Security Operation Center) is significantly increasing as it is often included in NW renewal projects with its number increasing

## WAN Services (Closed network services)

➢ FY23: ¥28.37 bn, +2.7% YoY

- Total contracted bandwidth is calculated by multiplying number of contracts by contracted bandwidths for IP service and broadband services respectively which are both under Internet connectivity services for enterprise
- IP (Internet Protocol) Service is bandwidth guaranteed dedicated Internet connectivity services for enterprises. Contracts are based on bandwidth and enterprises use the service for their core and main Internet connectivity
- MVNE is IIJ Mobile MVNO Platform Service
- 3Q22 contracted bandwidth increased due to Tokyo public school project by approx. 500Gbps
- 4Q22 enterprise mobile revenue included slightly over ¥0.1 bn of lump-sum revenue related to a large mobile project which consists of several phases

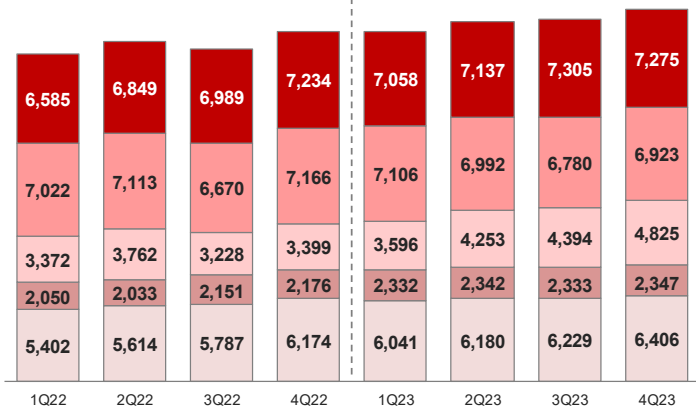
# Network (NW) Services (2) Cost of Revenues



**FY22: 100,776 [+8.8%]**

**FY23: 107,854 [+7.0%]**

**24,431 25,371 24,825 26,149 26,133 26,904 27,041 27,776**



- 3Q23 outsourcing-related costs included a onetime profit contribution of over ¥0.1 bn which was the result of FY22 Docomo's mobile data interconnectivity (unit charge) revision
- 3Q22 outsourcing-related costs included a onetime profit contribution of over ¥0.5 bn which was the result of FY21 Docomo's mobile data interconnectivity (unit charge) revision

- FY23 Circuit-related costs increased stably
  - Internet backbone circuit cost remains stable as we can leverage scale merit by having one of the largest Internet backbone networks
- FY23 Outsourcing-related costs increased stably
- FY23 Others increased YoY mainly due to an increase in the purchasing license fees such as SASE in line with increased revenues
  - FY23 purchasing mobile devices increased by approx. ¥0.24 bn YoY (YoY breakdown: 1Q23 -¥0.41bn, 2Q23 -¥0.20 bn, 3Q23 +¥0.42 bn, 4Q23 +¥0.43 bn)
  - 4Q23 temporarily increased due to supplies expenses
- Network operation-related continued to increase along with facility expansions

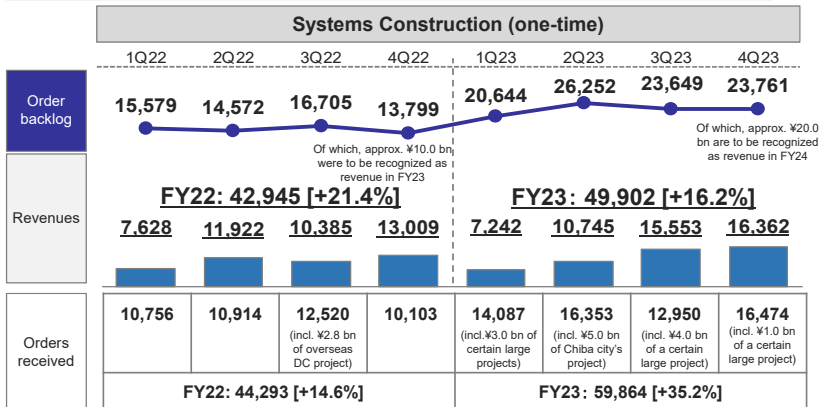
## NTT Docomo's mobile data interconnectivity charge (unit charge)

	Unit charge based on future cost method	Fixed unit charge
FY24	<p>¥12,862</p> <ul style="list-style-type: none"> <li>• Announced in Mar. 2024</li> <li>• Will use this unit charge from 1Q24</li> <li>• Slightly lower than the previously announced unit charge in Mar. 2023 which was ¥13,084</li> </ul>	<ul style="list-style-type: none"> <li>• To be fixed around at the end of Dec. 2025</li> </ul>
FY23	<p>¥15,644</p> <ul style="list-style-type: none"> <li>• Announced in Mar. 2023</li> <li>• Used this unit charge in FY23</li> <li>• Decreased by 21.7% from the FY22 fixed unit charge</li> <li>• Previously announced unit charge in Mar. 2022 was ¥15,697</li> </ul>	<ul style="list-style-type: none"> <li>• To be fixed around at the end of Dec. 2024</li> </ul>
FY22	<p>¥20,327</p> <ul style="list-style-type: none"> <li>• Announced in Mar. 2022</li> <li>• Used this unit charge in FY22</li> <li>• Decreased by 24.8% from the FY21 fixed unit charge</li> </ul>	<p>¥19,979</p> <ul style="list-style-type: none"> <li>• Fixed at the end of Dec. 2023</li> <li>• Onetime profit contribution of over ¥0.1 bn in 3Q23</li> <li>• Decreased by 26.1% from the FY21 fixed unit charge</li> </ul>

Unit: ¥ (JPY) million  
 [ ] , YoY = Year over year comparison  
 QoQ = Quarter over quarter comparison  
 MRR = Monthly Recurring Revenue

# Systems Integration (SI) (1) Revenues

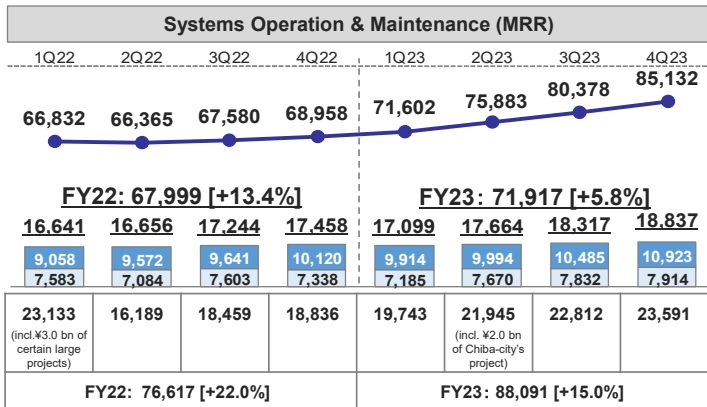
- Systems Construction revenues (including equipment sales)
- Systems operation & maintenance revenues for on-premise system
- Cloud revenues such as private cloud which are recognized as systems operation & maintenance revenues



- Favorable demand from all industries continued (below projects were acquired in 4Q23)
  - Large-scale NW renewal project for a prominent manufacturer (¥3.0 bn, 5 years)
  - Large-scale IT infrastructure installment project (¥1.0 bn, SI construction, included in 4Q23 SI construction orders received)
- FY23 construction revenue was weak mainly due to longer project period as project becoming larger in sizes and more complex

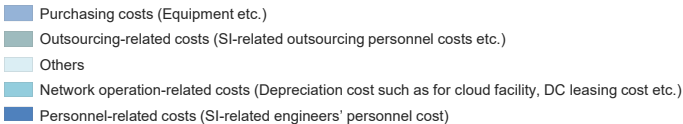
## Overseas business

- FY23 revenue: ¥35.29 bn (+38.1%YoY), business profit: ¥2.73 bn (+33.6%YoY)
  - Completed the overseas DC construction project (¥2.8 bn), executing its subsequent projects (¥3.2 bn in total, multi-year)
  - Increased momentum for PTC (Singaporean Sler): NVIDIA's "ASEAN Top Value Partners of the Year" (sole recipient in ASEAN). Received large-scale AI infrastructure construction project, ASEAN business growing with M&A of PTC Malaysia, etc.
- Expect in FY24 to also achieve revenue & profit growth through global SASE and ASEAN business expansion, compared to FY23 results including the overseas DC construction project

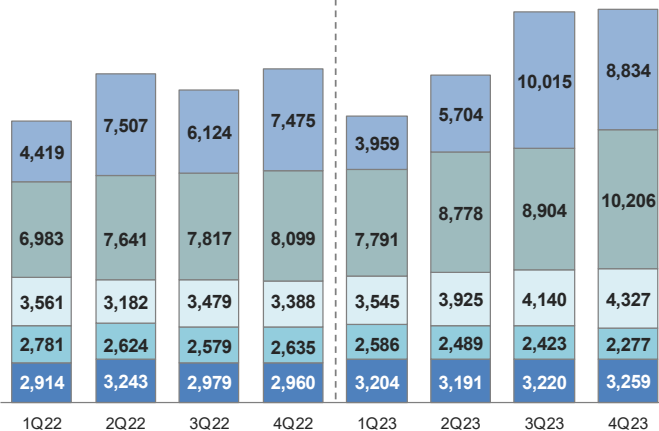


- 1Q23 operation & maintenance revenue was negatively impacted by approx. ¥0.2 bn QoQ as a large system operation project was ended at the end of 4Q22 as scheduled
- Operation & maintenance orders received fluctuate quarterly due to the impact of large-scale projects with multi year contract. (Generally, orders received is 1 year contract and automatically renewed)

# Systems Integration (SI) (2) Cost of Revenues



**FY22: 92,391 [+14.9%]**      **FY23: 102,777 [+11.2%]**  
20,659 24,197 22,978 24,557 21,085 24,087 28,702 28,903



- Purchasing, outsourcing-related, and others are linked to the size of project and revenue to a certain degree
- Others include license purchasing costs for multi-cloud which fluctuates along with customers' demand
- No significant change in network operation-related costs on a quarterly basis

Number of SI-related outsourcing personnel (unit: personnel)

1Q22-end	2Q22-end	3Q22-end	4Q22-end	1Q23-end	2Q23-end	3Q23-end	4Q23-end
1,327	1,390	1,393	1,385	1,367	1,395	1,456	1,521

- The number of SI-related outsourcing personnel can be increased in comparison with the number of IJ's SI engineers
- Due to many ongoing projects before order-received, the number of outsourcing personnel has been high level

\* 3Q23 purchasing costs included most of the cost related to the overseas DC construction project (revenue approx. ¥2.8 bn)

# Human Capital Disclosure

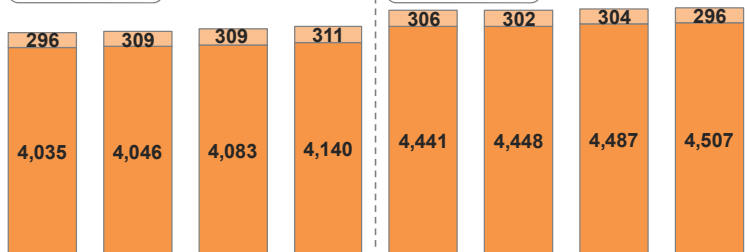
## Number of Employees (consolidated basis)

Contract worker (personnel)  
Full-time worker (personnel)

Jun. 2022 4,331    Sep. 2022 4,355    Dec. 2022 4,392    Mar. 2023 4,451  
Jun. 2023 4,747    Sep. 2023 4,750    Dec. 2023 4,791    Mar. 2024 4,803

+262 YoY of which, 178 were new graduates

+416 YoY of which, 246 were new graduates



## Number of new graduates

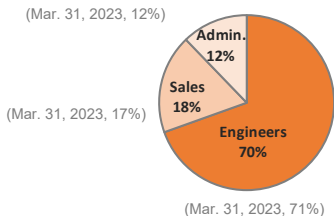
Unit: personnel

Joined in Apr. 2022 178    Joined in Apr. 2023 246    Joined in Apr. 2024 307



## Breakdown of Employees

(As of Mar. 31, 2024)



## Personnel-related costs & expenses (consolidated basis)

Unit: ¥ (JPY) million

	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23
Consolidated personnel-related costs & expenses (YoY)	8,177 (+5.4%)	8,655 (+9.7%)	8,341 (+6.1%)	8,506 (+6.5%)	9,358 (+14.4%)	9,252 (+6.9%)	9,410 (+12.8%)	9,622 (+13.1%)
	FY22: 33,678 (+6.9%)				FY23: 37,642 (+11.8%)			
% of revenue	14.1%	13.6%	13.2%	12.6%	15.2%	13.9%	12.9%	12.8%

- FY23 personnel-related costs & expenses increased as expected due to an increase in number of employees and the modification of monthly salary table
  - FY23 result: increased by 352 personnel
  - Revised the new graduates salary table in Apr. 2023 (previous revision in Apr. 2019). New graduates with bachelor's degree: ¥256,667 per month, up 4.8%. Salary ranges for the existing employees were revised along with it
- FY24 outlook
  - Number of employees (consolidated basis) to increase by over 400 personnel (including 307 of new graduates)
  - No change in salary table at the beginning of FY24

## Ratio of Female Managers

- Achieved FY24 target (6% or more) a year in advance
- Brought FY27 target forward by 1 year (IIJ)

Apr. 2022	Apr. 2023	Apr. 2024	FY26 target
5.7%	6.3%	7.5%	8% or more

## Turnover rates

- Lower than the industry average turnover

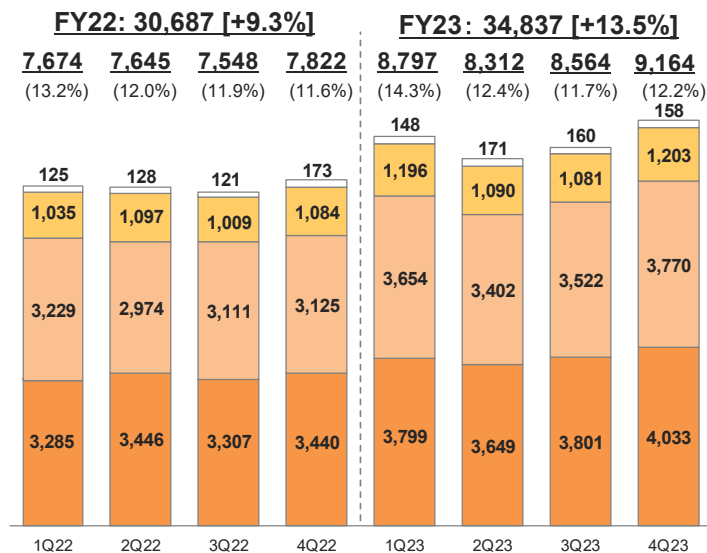
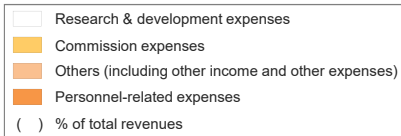
FY19	FY20	FY21	FY22	FY23
4.6%	3.6%	4.2%	3.8%	4.6%

- The turnover rate of IIJ (non-consolidated basis) is calculated by dividing leavers for the fiscal year by the number of full-time employees at the beginning of that fiscal year. The industry average turnover rate of approx. 10% is announced by the Ministry of Health, Labor, and Welfare

# SG&A, etc.

Unit: ¥ (JPY) million  
 [ ] : YoY = Year over year comparison  
 QoQ = Quarter over quarter comparison

Financials



- FY23 SG&As exceeded the initial plan mainly due to an allocation of personnel expenses & other expenses, proportional to personnel between costs & SG&As
- Commission expenses are mainly consumer sales commissions and recruitment expenses (Recruitment expenses tend to be concentrated in FY-end)
- Others are increasing mainly because of an increase in activity-related expenses such as advertisement and travel expenses
- Personnel-related expenses are increasing along with an increase in number of employees, etc.

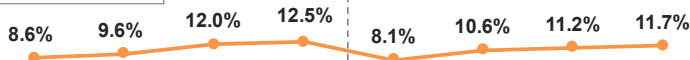
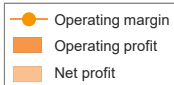
• Above figures are SG&A expenses plus other income and other expenses

• 1Q22 others included ¥0.17 bn of gain on sales of tangible assets

• 1Q personnel-related and others expenses increase mainly due to an increase in training and human capital development expenses along with the entry of new graduates. Such expenses decrease in 2Q QoQ as expenses for new graduate engineers are recorded as cost of revenues from 2Q



## Profit

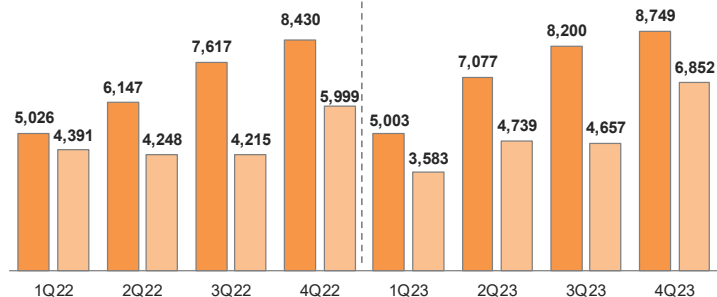


**FY22 Operating profit: 27,221**  
[+15.6%]

**FY22 Net profit: 18,852** [+20.3%]

**FY23 Operating Profit: 29,029**  
[+6.6%]

**FY23 Net Profit: 19,831** [+5.2%]



1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	
1,611	152	(1,374)	(97)	632	114	(957)	581	Finance income (expense), net
(14)	(64)	(83)	(42)	(154)	(119)	(150)	(42)	Share of profit (loss) of investments accounted for using equity method
(2,136)	(1,982)	(1,931)	(2,266)	(1,824)	(2,320)	(2,365)	(2,449)	Income tax expense
96	5	14	26	74	13	71	(13)	Profit (loss) for the period attributable to non-controlling interests

- Net profit shows "Profit for the period attributable to owners of the parent"
- Under IFRS, equity securities are measured at fair value through OCI (Other Comprehensive Income) while funds are measured through profit or loss
- Figures for the fiscal year ended March 31, 2023 are based on the retrospective application of IAS 12 "Income Taxes"

## ◆ Operating profit

➢ FY23: ¥29.03 bn, +6.6% YoY

## ◆ Profit before tax

➢ FY23: ¥28.93 bn, +6.0% YoY

- Foreign exchange gain: +¥533 million (FY22: +¥365 million)
- Valuation gain(loss) on funds etc.: +¥149 million (FY22: +¥303 million)

1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	FY24 plan
+1,200	(5)	(820)	(73)	+310	+13	(535)	+361	±0

- Foreign exchange impacts were also included as lots of assets are dominated in USD
- Share of loss of investments accounted for using equity method: ¥465 million (FY22: ¥204 million)

DeCurret-related loss (IIJ ownership: 38.2%)

1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	FY24 plan
78	102	94	109	125	124	143	143	Approx. 800

- Plan to provide first in Japan commercial digital currency (DCJPY) in Jul. 2024 (For detail, please refer to P.71)
- Expect cost and expenses such as personnel are to increase in FY24 toward the service launch. After the launch, anticipate to become profitable on a monthly basis within FY26 by the revenue accumulation

## ◆ Net profit

➢ FY23: ¥19.83 bn, +5.2% YoY

# Consolidated Statements of Financial Position (Summary)

Unit: ¥ (JPY) million

**Financials**

	Mar. 31, 2023	Mar. 31, 2024	Changes		Mar. 31, 2023	Mar. 31, 2024	Changes
Cash & cash equivalents	42,472	45,474	+3,002	Trade & other payables	22,313	25,435	+3,122
Trade receivables	41,340	45,683	+4,343	Borrowings (current & non-current)	20,430	30,180	+9,750
Inventories	3,188	3,227	+39	Contract liabilities & Deferred income (current & non-current)	17,978	21,530	+3,552
Prepaid expenses (current & non-current)	27,920	39,496	+11,576	Income taxes payable	4,034	5,328	+1,294
Tangible assets	23,321	29,072	+5,751	Retirement benefit liabilities	4,513	4,991	+478
Right-of-use assets	46,675	41,242	(5,433)	Other financial liabilities (current & non-current)	48,800	49,138	+338
Of which, operating leases (rent of office, data center etc.)	31,233	26,428	(4,805)	Of which, operating leases (rent of office, data center etc.)	31,610	26,982	(4,628)
Of which, finance leases (network equipment etc.)	15,442	14,814	(628)	Of which, finance leases (network equipment etc.)	16,447	15,750	(697)
Goodwill & intangible assets	26,475	28,685	+2,210	Others	8,823	10,079	+1,256
Investments accounted for using the equity method	5,785	5,169	(616)	<b>Total liabilities:</b>	<b>126,891</b>	<b>146,681</b>	<b>+19,790</b>
Investment securities (Equity)	10,031	14,563	+4,532	Share capital	25,562	25,562	-
Other investments	9,119	9,805	+686	Share premium	36,738	35,737	(1,001)
Others	9,992	11,297	+1,305	Retained earnings	51,202	65,616	+14,414
				Other components of equity	6,571	10,863	+4,292
				Treasury shares	(1,831)	(12,027)	(10,196)
				<b>Total equity attributable to owners of the parent:</b>	<b>118,242</b>	<b>125,751</b>	<b>+7,509</b>
				Non-controlling interests	1,185	1,281	+96
<b>Total assets:</b>	<b>246,318</b>	<b>273,713</b>	<b>27,395</b>	<b>Total liabilities and equity:</b>	<b>246,318</b>	<b>273,713</b>	<b>+27,395</b>

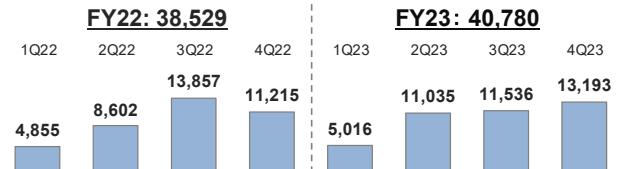
- Prepaid expenses increased mainly due to an increase in projects for clients and maintenance for license and facility
- Tangible assets increased mainly due to investment in Shiroy DC
- Borrowings increased mainly due to the share buyback
- Ratio of total equity attributable to owners of the parent: 48.0% as of Mar. 31, 2023, 45.9% as of Mar. 31, 2024, decreased due to the share buyback with cancellation

# Consolidated Cash Flows

Unit: ¥ (JPY) million  
YoY = Year over year comparison

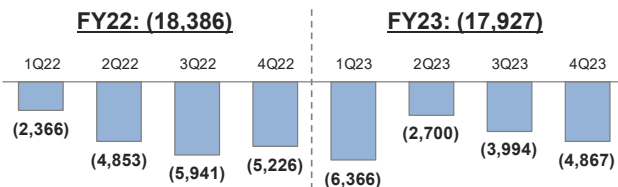
Financials

## Operating Activities



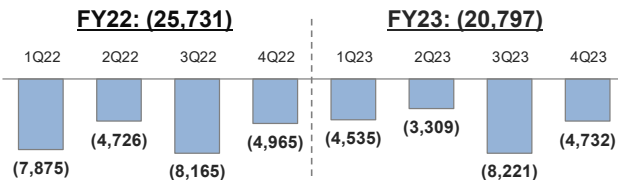
	FY23 Major Breakdown	YoY Change
Profit before tax	28,934	+1,625
Depreciation and amortization	29,296	+495
Changes in operating assets & liabilities	(9,880)	(2,168)
Income taxes paid	(8,130)	+1,828

## Investing Activities



	FY23 Major Breakdown	YoY Change
Purchase of tangible assets	(11,744)	+43
Purchase of intangible assets such as software	(7,199)	(1,728)

## Financing Activities

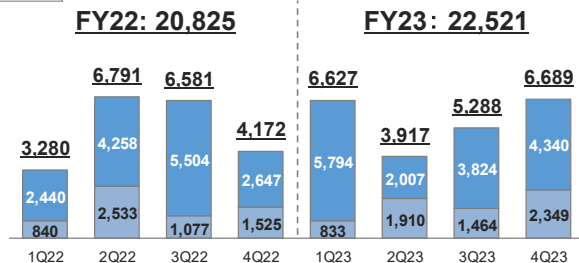


	FY23 Major Breakdown	YoY Change
Payment of operating/finance leases and other financial liabilities	(20,008)	(664)
Dividends paid	(5,682)	(781)
Repayment of long-term borrowings	(2,060)	(545)
Short-term borrowings (Borrowings for acquisition of treasury shares, etc.)	11,800	+11,900
Purchase of treasury shares	(11,405)	(11,405)

## Other Financial Data

## CAPEX

■ Cash CAPEX  
■ Finance lease



➤ Major breakdown of CAPEX  
(Unit: ¥ bn)

	FY22	FY23
Ordinal NW CAPEX (NW equipment, etc.)	9.0	10.4
Cloud-related	2.0	1.5
Shiroy DC second site -related	5.4	5.5
Customer-related	2.9	2.3
Renewal of Raptor service facility	0.2	1.1
Renewal of Full-MVNO 5G infrastructure	0.8	1.7

➤ FY23 CAPEX plan: ¥22.5 bn

(Including approx. ¥7.0 bn for Shiroy DC second site)

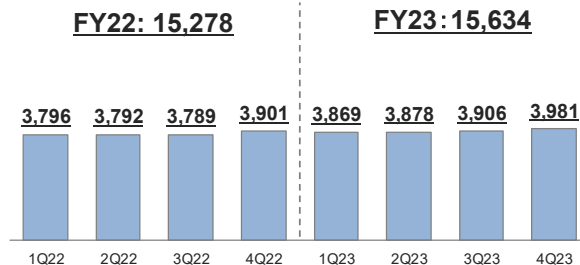
- Almost as expected in the total amount
- Part of Shiroy DC second site expansion investment was postponed to FY24

➤ FY24 CAPEX plan: ¥23.0 bn

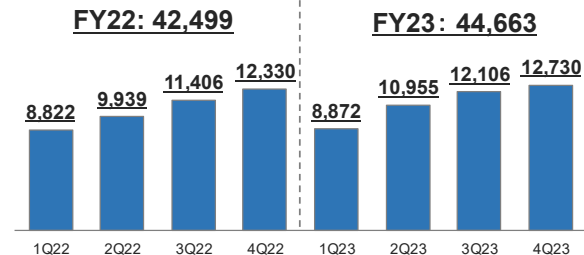
- Of which, approx. ¥3.7 bn is for Matsue DC's construction of its additional modules
- Of which, approx. ¥2.0 bn is for Shiroy DC's expansion investment

- Total amount of capital expenditure is the amounts of acquisition of tangible and intangible assets by cash and entering into finance leases for the fiscal year, excluding duplication due to sale and leaseback transactions and acquisition of assets that do not have the nature of investment, such as purchase of small-amount equipment.
- CAPEX-related depreciation and amortization is calculated by excluding depreciation and amortization of assets that do not have the nature of capital investment, such as right-of-use assets related to operating leases, small-amount equipment and customer relationship.
- Adjusted EBITDA is calculated by adding operating profit and CAPEX-related depreciation and amortization.

## CAPEX-related depreciation and amortization



## Adjusted EBITDA



# FY24 Financial Targets

Unit: ¥ (JPY) billion  
YoY = Year over year comparison  
Consolidated base

Financials

	% of total revenue		% of total revenue	
	First Half Targets (Apr. 2024 to Sep. 2024)	YoY	Full Year Targets (Apr. 2024 to Mar. 2025)	YoY
<b>Total Revenue</b>	<b>142.0 ~ 143.0</b>	+10.8% ~ +11.5%	<b>312.0 ~ 315.0</b>	+13.0% ~ +14.1%
<b>Gross Profit</b>	20.6% 21.1% <b>29.2 ~ 30.2</b>	+0.0% ~ +3.5%	22.0% 22.7% <b>68.5 ~ 71.5</b>	+7.3% ~ +12.0%
<b>SG&amp;A, etc.</b>	13.5% 13.4% <b>19.2</b>	+12.2%	12.3% 12.2% <b>38.5</b>	+10.5%
<b>Operating Profit</b>	7.0% 7.7% <b>10.0 ~ 11.0</b>	(17.2%) ~ (8.9%)	9.6% 10.5% <b>30.0 ~ 33.0</b>	+3.3% ~ +13.7%
shares of profit(loss) of investments accounted for using equity method investees	<b>(0.3)</b>	-	<b>(0.7)</b>	-
<b>Profit before tax</b>	6.7% 7.4% <b>9.5 ~ 10.5</b>	(24.3%) ~ (16.4%)	9.3% 10.2% <b>29.0 ~ 32.0</b>	+0.2% ~ +10.6%
<b>Net Profit</b> (Profit for the period attributable to owners of the parent)	4.4% 4.9% <b>6.3 ~ 7.0</b>	(24.3%) ~ (15.9%)	6.4% 7.0% <b>19.9 ~ 21.9</b>	+0.3% ~ +10.4%
<b>Dividend per share</b>	<b>¥17.18 ~ ¥18.58</b>	¥0.00 ~ +¥1.40	<b>¥34.36 ~ ¥37.16</b>	¥0.00 ~ +¥2.80

Assumption					
Revenue	1st half	Full year	Gross Profit	1st half	Full year
	approx. 60.0 ~ 61.0	approx. 142.5 ~ 144.5		approx. 6.5 ~ 7.5	approx. 20.0 ~ 22.0
■ SI					
■ NW service	approx. 81.0	approx. 167.0 ~ 168.0		approx. 22.0	approx. 47.0 ~ 48.0

◆ NW Service:  
 > Revenue to grow by recurring revenue accumulation & Service Integration  
 > Expect mobile to achieve revenue & profit growth without the onetime cost reduction of data connectivity  
 > At the upper limit, expect gross margin to improve YoY (1H: decrease, 2H: increase)

◆ SI:  
 > Revenue to largely increase by realizing FY23-end order backlog & strong demand  
 > At the upper limit, expect gross margin to slightly decrease YoY (1H: decrease, 2H: increase)

◆ VMware impact: We are taking actions of passing through of the cost increase which would require some time to be adopted thoroughly. Thus, we have set some ranges.

◆ SG&A, etc.: Increase along with an increase in number of employees and others (No modification of the salary table for FY24 new graduates)

◆ Shares of profit (loss) of investments accounted for using equity method investees: Expect DeCurret's related loss to be around ¥0.8 bn as they approach near to the service launch the cost should increase

◆ No consideration on any valuation gain (loss) on funds & foreign exchange gain (loss)

◆ Others: Number of employees to increase slightly over 400 personnel (of which, 307 are new graduates), CAPEX: ¥23.0 bn (of which, approx. ¥5.7 bn is for own DCs expansion)

## The impact from VMware license for virtualization software

- ◆ Effective from Apr. 2024, there were major changes in VMware product lineup & IJ was migrated to a new partner program
- ◆ Under the new product lineup, generally, individual products are no longer sold separately, which was the case previously, and they are now bundled together. This leads to a substantial increase in price & cost
- ◆ IJ is taking actions including the revision of our service price; however, because the product lineup & the terms & conditions were shared in such a last minute, the full year financial targets are disclosed as ranges of ¥3.0 bn. The upper limit indicates that the impact of VMware license is mostly passed through in the second half. The lower limit indicates that the impact of VMware license is passed through with delay, except to the extent that can be assumed

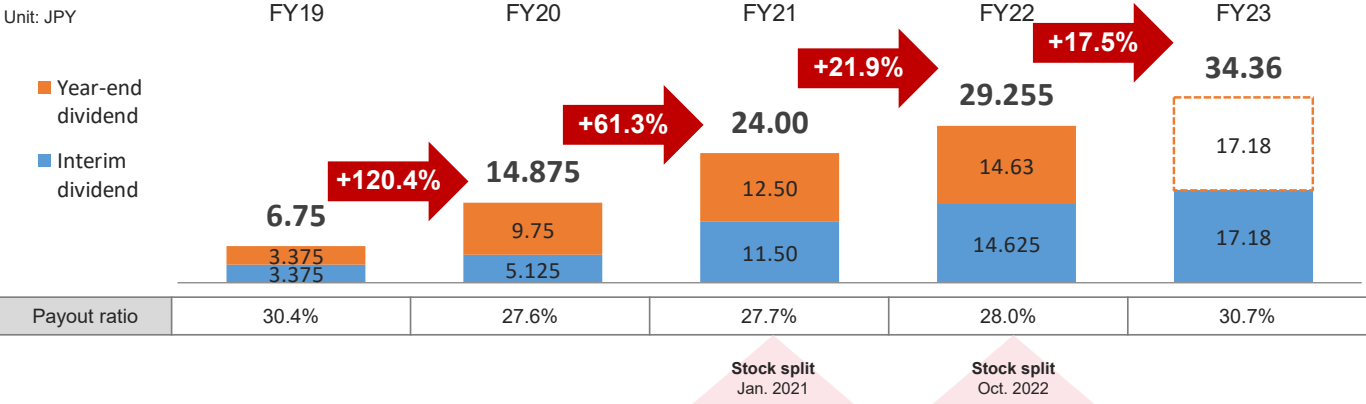
# Appendix

Shareholders' Return	P. 62
Market Growth Forecast	P. 63
Sales activity for Public Sector	P. 64
NTT Docomo's Mobile data interconnectivity charge	P. 65
Consumer Mobile Price list	P. 66
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Fintech Business: DeCurret (1) - (4)	P. 69 – 72
CDN Business: JOCDN	P. 73

# Shareholders' Return

- ◆ **Basic shareholders' return policy:**  
Continuous and stable dividend payment while considering the need to have retained earnings for the enhancement of financial position, mid-to-long term business expansion and future investment
- ◆ **Dividend per share:**  
Continued to increase dividend in line with profit increase due to revenue growth, 5 times in 4 years

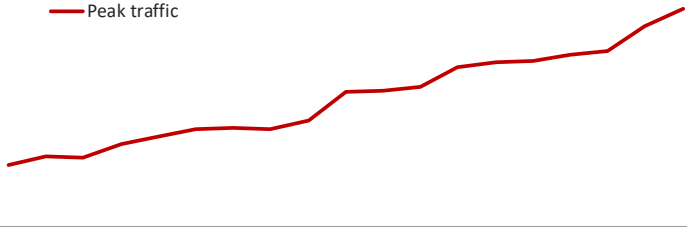
**FY23 total payout ratio: 82.4%**  
In May 2023, IJ executed share buyback of ¥11.4 bn and cancellation of shares



- Dividend per share is written on the post-stock-split basis
- FY21 payout ratio: adjusted payout ratio is around 30% which is calculated by deducting temporary and non-cash transaction such as valuation on funds and impairment loss
- FY22 payout ratio takes the retrospective application of IAS 12 "Income Taxes" into consideration
- FY23 payout ratio takes the share buyback with cancellation which took place in May 2023 into consideration

# Market Growth Forecast

## Historical traffic data of major domestic IX



Jun. Sep. Dec. Mar. Jun. Sep. Dec. Mar. Jun. Sep. Dec. Mar. Jun. Sep. Dec.  
2019 2019 2019 2020 2020 2020 2021 2021 2021 2022 2022 2022 2023 2023 2023 2023

Source: INTERNET MULTIFEED CO., IX = Internet Exchange

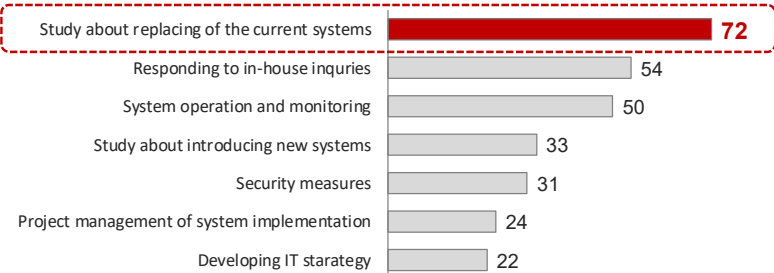
## Digital Competitiveness Ranking 2023

1	U.S.A
2	The Netherlands
3	Singapore
4	Denmark
5	Switzerland
6	South Korea
(omission)	
31	Spain
32	Japan
33	Malaysia

Source: IMD WORLD DIGITAL COMPETITIVENESS RANKING 2023

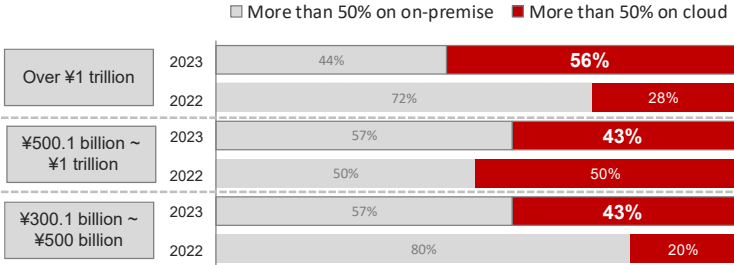
## Operation where IT department spends the most time

Top 7 items are shown below



Source: Internet Initiative Japan "Nationwide survey on IT department 2023" Dec. 2023, N=359

## Status of Cloud migration by clients' annual revenue size



Source: Internet Initiative Japan "Nationwide survey on IT department" Nov. 2022  
2022 N = 598, 2023 N = 359



# Sales Activity for Public Sector

## ◆ Long and enduring relationship

- We have been providing reliable Internet connectivity services to central government agencies and local governments from the early 1990s
- They are also using our security services such as firewall services, DDoS Protection services and other network services such as WAN. We also receive network related integration projects from them as well.

## ◆ Not only private sector, but also public sector is changing their attitude toward IT and network


## ◆ Growing demands for network related projects

- Enhance remote access for central government agencies
- Promote telework environment for local governments
- Support educational institution to become online-capable
  - Hybrid of face-to-face & online classes, remote access, environment for faculty and staff, etc.
- Projects to replace “Security Cloud” for local governments

## ◆ Social Security and Tax Number System which is often called “my number” was first introduced in October 2015. As of February 12, 2023, 68.8% to the total Japanese population has received their ID according to the Ministry of Internal affairs and Communications

[https://www.soumu.go.jp/kojinbango\\_card/](https://www.soumu.go.jp/kojinbango_card/)

# NTT Docomo's Mobile data interconnectivity charge (Mbps unit charge・monthly)

Fiscal Year	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26
Method	Actual cost method		Future cost method: MNOs are to disclose the charges for next three years based on their prediction about cost etc.						
New							<b>Announced in Mar. 2024</b> To be fixed around the end of Dec. 2025 ¥12,862 -17.8% YoY	¥10,874 -15.5% YoY	¥10,708 -1.5% YoY(*)
Fixed	¥49,311 -6.0% YoY	¥42,702 -13.4% YoY	¥37,280 -12.7% YoY	Fixed in Dec. 2022 ¥27,024 -27.5% YoY	Fixed in Dec. 2023 ¥19,979 -26.1% YoY		Slight decrease in the unit price 	(*) Impacted by the revision of allocation standards for voice & data transmission services	
Old						<b>Announced in Mar. 2023</b> To be fixed around the end of Dec. 2024 ¥15,644 -21.7% YoY	¥13,084 -16.4% YoY	¥11,255 -14.0% YoY	
					<b>Announced in Mar. 2022</b> ¥20,327 -24.8% YoY	¥15,697 -22.8% YoY	¥13,207 -15.9% YoY		
				<b>Announced in Apr. 2021</b> ¥28,385 -23.9% YoY	¥22,190 -21.8% YoY	¥18,014 -18.8% YoY			
			<b>Announced in Mar. 2020</b> ¥41,436 -3.0% YoY	¥33,211 -19.8% YoY	¥27,924 -15.9% YoY				

- The same calculation method is applied to both the actual cost method and the future cost method: (Data communication cost + profit) / demand
- The charge disclosed based on the future cost method is to be finalized based on MNOs actual cost results etc.
- The YoY (Year over Year) decrease percentage written under each charge is compared with the previous year charge
- The charge is public information disclosed in NTT Docomo's service terms and conditions document uploaded on NTT Docomo's website (only available in Japanese)  
<https://www.docomo.ne.jp/binary/pdf/corporate/disclosure/mvno/business/oroshi.pdf>
- The impact of the revision of allocation standards for voice & data transmission services refers to the fact that, from 2023, with regard to the calculation of data communication cost (MNO investment) as the numerator of the MIC formula, a part of the costs that were previously recognized as voice related costs are to be recognized as data communication related costs

# Comparison between the old & new plans of consumer mobile

Old		
Minimum Start Plan (3GB)	With voice	¥1,760
	Data-only	¥990
Light Start Plan (6GB)	With voice	¥2,442
	Data-only	¥1,672
Family Share Plan (12GB)	With voice	¥3,586
	Data-only	¥2,816

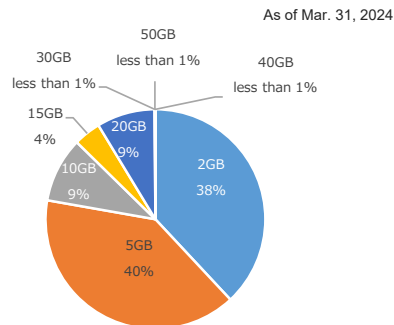
New: GigaPlans (Apr. 2021~)		
2Giga Plan (2GB)	With voice	¥850
	Data-only	¥740
5Giga Plan (5GB)	With voice	¥990
	Data-only	¥900
10Giga Plan (10GB)	With voice	¥1,500
	Data-only	¥1,400
15Giga Plan (15GB)	With voice	¥1,800
	Data-only	¥1,730
20Giga Plan (20GB)	With voice	¥2,000
	Data-only	¥1,950
30Giga Plan (30GB)	With voice	¥2,700
	Data-only	¥2,640
40Giga Plan (40GB)	With voice	¥3,300
	Data-only	¥3,240
50Giga Plan (50GB)	With voice	¥3,900
	Data-only	¥3,840

Launched large data volume plan  
(Mar. 1, 2024)

- The above table briefly indicates service prices for major functions to show the differences between the old and new plans
- GigaPlans pricings are as of Mar. 2024. eSIM with voice function services are offered at the same price.
- Voice call charge is only for domestic calls. Old plan: ¥22 for 30 seconds, new plan: ¥11 for 30 seconds

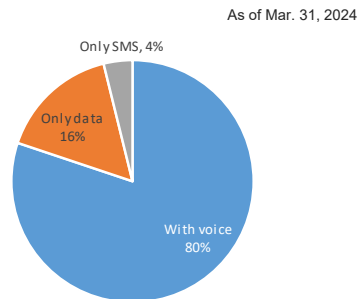
© Internet Initiative Japan Inc.

## GigaPlans: by data plans



- Current users' migration as well as the start of the large data volume was from Apr. 1, 2024

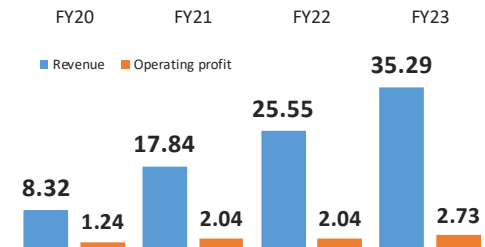
## GigaPlans: by plans



# Overseas Business

## Revenue and Operating Profit (included in SI and NW)

Unit: JPY bn



• PTC financial results (included in the above results) : FY21 revenue ¥6.89 bn, operating profit ¥0.31 bn, FY22 revenue ¥10.68 bn, operating profit: ¥0.47 bn

- FY23: Significant revenue growth for overseas business
  - Completed the overseas DC construction project (¥2.8 bn), executing its subsequent projects (¥3.2 bn in total, multi-year)
  - Increased momentum for PTC (Singaporean Sler): NVIDIA's "ASEAN Top Value Partners of the Year" (sole recipient in ASEAN). Received large-scale AI infrastructure construction project, ASEAN business growing with M&A of PTC Malaysia, etc.
- Expect in FY24 to also achieve revenue & profit growth through global SASE and ASEAN business expansion, compared to FY23 results including the overseas DC construction project

## Overseas offices



© Internet Initiative Japan Inc.

## Business Developments

- **Started focusing on overseas business around FY11.** It was when Japanese companies started to expand their business overseas and requested us to provide the same service quality we offer in Japan
- **While IT markets in the U.S. and Europe are relatively matured, the markets in Asia are just beginning to build up**
  - Increasing demand for network services and SI in China and Thailand
  - Vietnam: Cybersecurity Law (Jan. 2019), Opened another facility in Hanoi in addition to Ho Chi Min
  - In Apr. 2021, we bought a Singaporean system integrator, PTC – expect to strengthen ASEAN business
  - From Dec. 1, 2023, a small business operator "PTC Malaysia" became a new consolidated subsidiary (no significant financial impact), expect higher productivity of a support center in Malaysia
- **Providing cloud services in Indonesia, Thailand and Vietnam. Working with local prominent IT companies**
  - With Biznet Networks in Indonesia (from Mar. 2015)
  - With T.C.C. Technology Co., Ltd, in Thailand (Feb. 2016)
  - With FTP Telecom Partner in Vietnam (Nov. 2016)

# ATM Operation Business

## Business Model

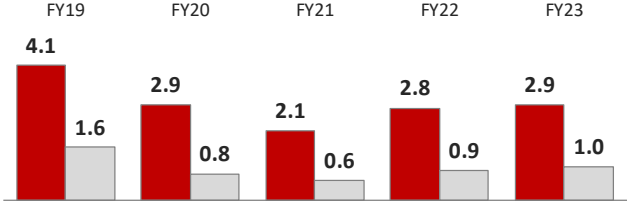
- Similar to “Seven Bank” model
- Placing ATMs in pachinko parlors in Japan
  - After long discussion, started to place in Kanto, Kansai, Kyushu and Tokai areas
  - 7,665 pachinko parlors in Japan as of Dec. 31, 2022 (Source: National Police Agency)
- Receive commission for each withdrawal transaction

## Trust Networks Inc.

- In charge of ATM operation business
- IIJ’s ownership: 80.6%
- Established in 2007
- Number of employees: about 10 personnel

## Revenue and Operating Profit

Unit: JPY billion  
■ Revenue  
■ Operating Profit



• ATM (Automated Teller Machine)

• FY20 revenue significantly decreased from FY19 as the stores we had placed ATMs were closed temporarily and fewer customers visited due to the COVID-19 pandemic and stay-at-home-order/request

# FinTech Business through DeCurret (1)

## About DeCurret Holdings (IIJ's equity method investee)

### ◆ Management (from Apr. 2022)

- DeCurret Holdings (Shareholders: 35 companies including IIJ)
  - Representative Director and President: Murabayashi (Mr.) (IIJ Vice President, former CIO at MUFG Financial Group, Inc.)
  - Part-time directors: IIJ, MUFG bank, au Financial Holdings, NTT, JAPAN POST bank

### ◆ Background

- In Jan. 2018, IIJ established DeCurret Inc. as an equity method investee engaging in crypto asset business and digital currency business with prominent Japanese companies
  - IIJ has been providing IIJ Raptor Service, an ASP based FX systems, which have been used by prominent Japanese security companies
- In Dec. 2021, DeCurret Inc. established DeCurret Holdings through a share transfer
- In Feb. 2022, DeCurret Holdings divested its crypto asset business to dedicate its business resources to digital currency business

### ◆ Business

- Digital Current Platform Business (mainly BtoB)
- Have been executing various proof of concepts with various business partners (please refer to page 71)
- Plan to issue Japan's first digital currency in July 2024

### ◆ DeCurret-related loss (IIJ ownership: 38.2%)

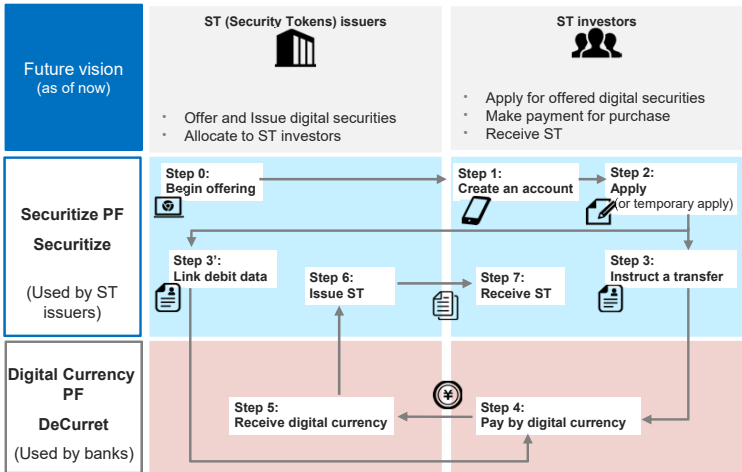
unit: JPY million								
1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	FY24
78	102	94	109	125	124	143	143	Approx. 800

## DeCurret DCP Partnership with Securitize

### ◆ Aim to adopt digital currency for digital securities' settlement

- Securitize, Inc., a parent company of Securitize Japan K.K., was established in 2017 and proves platform to issue and manage digital securities
- The scope of partnership includes the followings:
  - Explanation and discussion with prospective issuers and other related companies
  - Specifics of the scheme and workflow
  - Legal research and preparation of contract templates
  - Development of system integration

### ◆ Image of transaction/flow (idea)

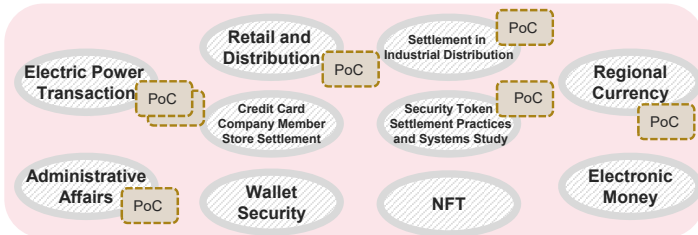


# FinTech Business through DeCurret (2)

For more details  
<https://www.decurret-dcp.com/en/news.html>

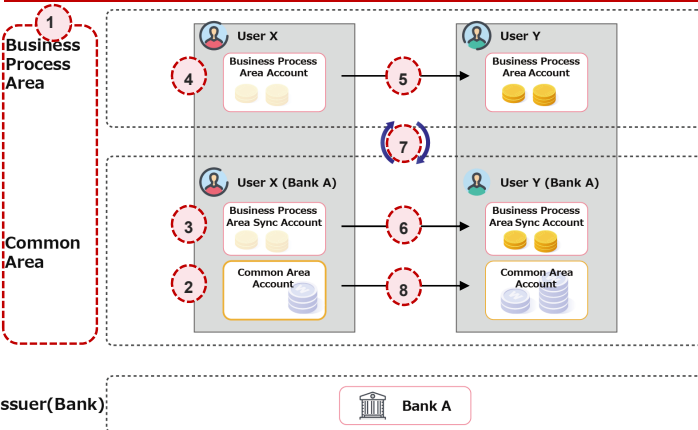
Appendix

## Digital Currency Forum Subcommittees (over 100 participants as of Oct. 2023)



The participants include companies, local governments and others

## Two-tiered Digital Currency Platform



## Promoting Proof of Concept (PoC) for DCJPY\* (approx. 40 companies participating)

\*DCJPY: tentative name of digital currency issued by banks that is able to be issued, transfer, and repay through the Two-tiered Digital Currency Platform

Subcommittees	Participants	Outline
Industrial distribution	Mitsubishi Corporation, NTT, etc.	Feasibility studies to use DCJPY for Mitsubishi's trading transaction settlement with smart contracts
Electricity power transaction A	Kansai Electric Power Company, etc.	Purchase of goods at convenience stores by using DCJPY which is obtained through electricity Peer to Peer (P2P) transactions
	ENERES, etc.	Feasibility studies to launch new services by utilizing DCJPY and electric power transaction data
Regional currency	Mitsubishi UFJ Research & Consulting, TIS, etc.	Digitalization of local governments' benefits for selective usages through DCJPY so that local governments' administrative process such as printing, mailing and others are improved
Administrative process		
Retail and Distribution	Seven Bank, etc.	Feasibility studies to apply DCJPY transaction among retail, wholesale and banking through EDI (Electronic Data Interchange)
Security token	Nomura HD, Future Architect, etc.	Feasibility studies to use security token and DCJPY for DVP (Delivery Versus Payment) settlement to learn about potential issues, etc.

## Patented "Two-tiered Digital Currency Platform"

Outline of the patent (Electronic Currency Management System)	
①	Two-tiered system consisting of Common Area and Business Process Area
②	Issuance of digital currency within Common Area
③④	Issuance of Business Process Area's token tied to Common Area's digital currency
⑤⑥	Transfer of token within Business Process Area, and transfer of digital currency, being tied to those transfer of token, within Common Area
⑦	Synchronous processing of Common Area and Business Process Area
⑧	Transfer of digital currency, not being tied to Business Process Area, within Common Area

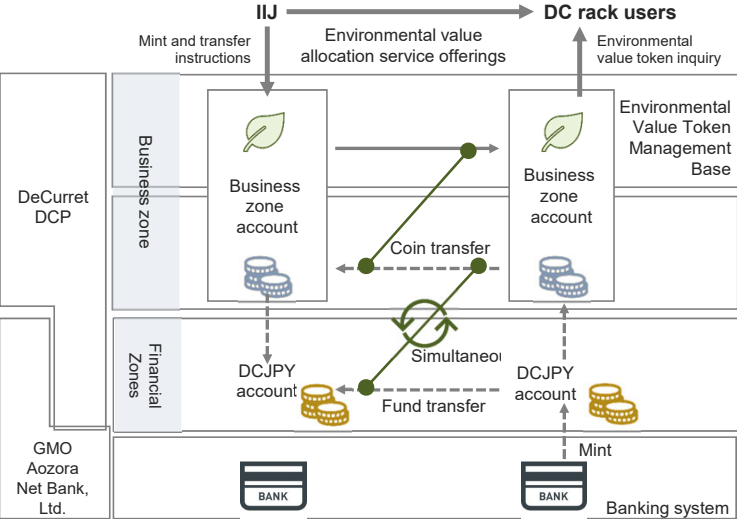
# FinTech Business through DeCurret (3)

## DeCurret shall be the first in Japan to issue commercial digital currency (July 2024)

### About the Case

<b>Issuer of digital currency</b>	GMO Aozora Net Bank, Ltd.
<b>Usages of digital currency</b>	<ul style="list-style-type: none"> <li>Digitalization of environmental value transaction (non-fossil certificates, etc.)</li> <li>Transactions and settlement in the digital currency DCJPY</li> </ul>

### Flow on DCJPY on the Two-tiered Digital Currency Platform



### About DeCurret

<b>DeCurret HLD</b>	Shareholder: 35 companies including IIJ
<b>DeCurret DCP</b>	Shareholder: DeCurret HLD 100% Business: <ul style="list-style-type: none"> <li>Digital currency business</li> <li>Secretary for the "Digital Currency Forum"</li> </ul> <ul style="list-style-type: none"> <li>As of Mar. 31, 2024, there are 104 companies, organization, experts, as members and related regulatory agencies (FSA, MIC, MOF, METI, BOJ)</li> </ul>

### Difference between "DCJPY" and Trust Bank's Stablecoins

	DeCurret's digital currency "DCJPY"	Trust Bank's stablecoins
<b>Corresponding act</b>	The Banking Act	The revised Payment Services Act (enforced in June 2023)
<b>Form</b>	Bank deposits	Stablecoins
<b>Scheme of issuance</b>	<ul style="list-style-type: none"> <li>Withdraw from user's bank deposit</li> <li>DCJPY will be issued after booking the same amount of such withdrawal to DCJPY account on the digital currency platform</li> </ul>	<ul style="list-style-type: none"> <li>User needs to deposit money and set up a trust asset each time</li> <li>Then, stablecoins can be issued by a trust bank</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>Highly compatible with the current settlement system</li> <li>Issuers are reliable and trustworthy banks</li> <li>Banks support DCJPY can use the Digital Currency services</li> </ul>	<ul style="list-style-type: none"> <li>User needs to open an account with the Trust bank and deposit money each time</li> <li>User needs to arrange a trust asset each time transferring funds other than the two companies, a trust bank and a beneficiary</li> </ul>



# FinTech Business through DeCurret (4)

Source: DeCurret Web Page

Appendix

## Shareholders of DeCurret (35 companies)

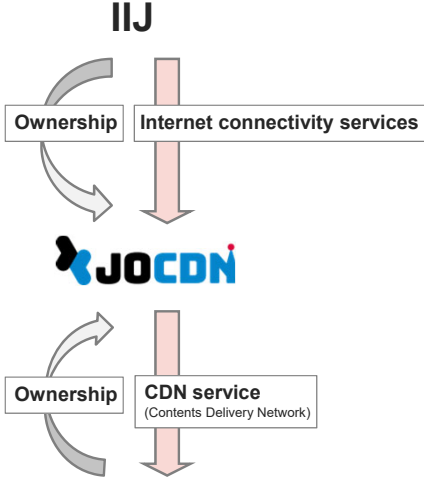
- Internet Initiative Japan Inc. (Ownership: 38.2% as of Mar. 31, 2024)
- KDDI CORPORATION
- NTT Corporation
- Sumitomo Mitsui Banking Corporation
- MUFG Bank, Ltd.
- JAPAN POST BANK Co., Ltd.
- ITOCHU Corporation
- OPTAGE Inc.
- QTnet, Inc.
- Sumitomo Life Insurance Company
- SOHGO SECURITY SERVICES CO., LTD.
- SOMPO Light Vortex Inc.
- The Dai-ichi Life Insurance Co., Limited
- Daido Life Insurance Company
- Daiwa Securities Group Inc.
- TIS Inc.
- Tokio Marine & Nichido Fire Insurance Co., Ltd.
- Nippon Life Insurance Company
- Nomura Holdings, Inc.
- East Japan Railway Company
- BicCamera Inc.
- Mitsui Sumitomo Insurance Company, Limited
- Mitsui Fudosan Co., Ltd.
- Mitsubishi Corporation
- Meiji Yasuda Life Insurance Company
- Yamato Holdings Co., Ltd.
- ITOCHU Techno-Solutions Corporation
- Chubu Electric Power Co., Inc.
- Dentsu Group Inc.
- Hankyu Hanshin Holdings Inc.
- Matsui Securities Co., Ltd.
- Enecom, Inc.
- TOPPAN HOLDINGS INC.
- SBI Holdings, Inc.
- SECOM CO., LTD.

# CDN Business through JOCDN

## Company Profile

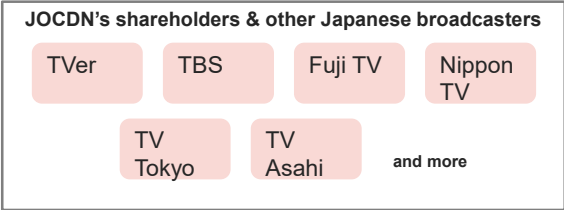
Name	JOCDN Inc. (IIJ's equity method investee)
IIJ Ownership	16.8%
Capital	JPY845 million (including capital reserve)
Established	December 1, 2016
Shareholders	IIJ, Nippon TV, TV Asahi, TBS, TV Tokyo, Fuji TV, WOWOW (Prominent satellite broadcaster in Japan), NHK (Japan's only public broadcaster) and non-Tokyo local broadcasters
Directors	Chairman: Koichi Suzuki (IIJ CEO) President: Shunichi Shinozaki (Nippon TV)

## Business Model



### ◆ All Japan CDN company JOCDN

- Akamai Technologies (global leader in CDN services, US company) has been dominating CDN market in Japan.
  - Growing needs to distribute contents over Internet
  - Broadcasting companies distributing contents via Internet
    - Nippon TV bought Hulu Japan in 2014
    - Japanese broadcasting companies operate "TVer"
  - IIJ has rich and well-renowned expertise in CDN business
    - Olympics games, high school base ball games, university sport and many other popular sports events
- TVer is a web platform where viewers can watch certain TV programs for free. Its system was developed jointly by major commercial television networks in Japan to broadcast TV programs over Internet





The internet started in Japan in 1992, along with IIJ. Since that time, the IIJ Group has been building the infrastructure for a networked society, and with our technical expertise, we have continued to support its development. We have also continued to evolve our vision for the future and innovate to make it a reality. As an internet pioneer, IIJ has blazed the trail so that others could realize the full potential of a networked society, and that will never change. The middle "I" in "IIJ" stands for "initiative," and IIJ always starts with the future.