

# **Consolidated Financial Results for 1Q-3Q22**

(April 1, 2022 to December 31, 2022)

Internet Initiative Japan Inc. (IIJ)
The Prime Market of the Tokyo Stock Exchange (Ticker symbol: 3774)
February 8, 2023

#### **Disclaimer**

Statements made in this presentation regarding IIJ's or managements' intentions, beliefs, expectations, or predictions for the future are forward-looking statements that are based on IIJ's and managements' current expectations, assumptions, estimates and projections about its business and the industry. These forward-looking statements, such as statements regarding revenues, operating and net profitability are subject to various risks, uncertainties and other factors that could cause IIJ's actual results to differ materially from those contained in any forward-looking statement.

# **Outline**

I. Summary of Financial Results

II. Consolidated Financial Results

**Ⅲ.** Service & Business Developments etc.

**Appendix** 

[Reference]

Presentation material for company overview

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+%, YoY = Year over year comparison, QoQ = Quarter over quarter comparison Net Profit is "Profit for the period attributable to owners of the parent"

# Strong revenue growth trend advanced as projects becoming larger & high demand continued

Expect revenue growth to accelerate from FY23 onward with consistent service releases & newly acquired large scale SI projects









#### NW services (excluding mobile)

- Each service continued to grow. Large scale NW replacement projects such as connecting a large number of locations through WAN & strong demands for security contributed
  - 1Q-3Q22 revenue: IP +7.9% YoY, Security +21.4% YoY, WAN +5.9% YoY
- Continued to expand NW service line-ups by developing cloud connectivity service "IIJ Private Backbone Service/Smart Hub," in-house developed SASE service "IIJ Secure Access Service" etc.
- > Recently acquired a large scale project combining NW & SI for a broadcaster (to be gradually launched from FY24), a NW replacement project with a fixed multi-year contract (to be launched in FY23)

- > 1Q-3Q22 Construction: revenue: +22.6% YoY, order-received: +29.0% YoY, Operation & maintenance: revenue +14.9% YoY, order-received +33.1% YoY
- Launched "IIJ Cloud Data Platform Service" which enables easy & secure data linkage between on-premise & multi-cloud (Dec. 2022)
- Recently acquired a large-scale core system construction for a financial group (to be launched in FY24), construction of container-type IT modules for Uzbekistan (to be exported gradually in FY23)

#### Mobile

- 3Q22-end total subscription: 3.968 thousand. +592 thousand YoY. 1Q-3Q22 total revenue: ¥31.49 billion. +¥0.8 billion YoY
  - In 3Q22 recognized over ¥0.5 billion of onetime profit contribution impact as FY21 NTT Docomo data connectivity unit charge was fixed (3Q21 ¥1.08 billion)
  - Enterprise: 3Q22-end subscription: 1,685 thousand, +365 thousand YoY, launched inexpensive & simple enterprise mobile service "IIJ Mobile Service/type D for IIJmio Biz" (Jan. 2023)
  - Consumer: 3Q22-end subscription: 1.197 thousand. +124 thousand YoY of which GigaPlans: 878 thousand. +271 thousand YoY, awarded for best customer satisfaction (ORICON, J.D.Power & JCSI)

#### **Topics**

- ♦ IIJ owned DCs Shiroi: Constructing its 2<sup>nd</sup> site. Started solar power generation (Feb. 2023)
  - Matsue: Due to growing demands, constructing system modules (to be launched in May 2025). Its capex of over ¥5.0 billion is to be covered partially by subsidy
- "IIJ Academy" to be opened in May 2023. Training NW engineers, contributing to the development of network society of Japan
- As part of CDN business, opened "IIJ Studio TOKYO" in Oct. 2022. Streaming system/network directly connected to IIJ's Internet backbone. Services for enterprises to be launched in FY23

<sup>·</sup> Abbreviation: NW for network services, SI for systems integration, DC for data centers, CDN for contents distribution network

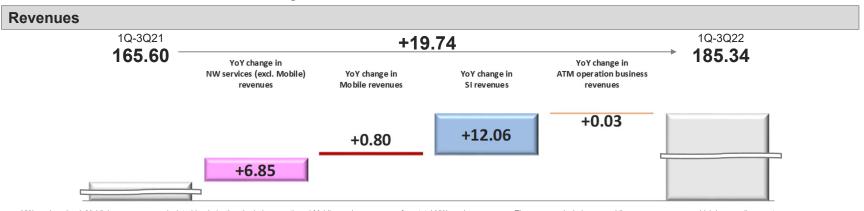
# II - 1. Consolidated Financial Results

	% of revenue	% of revenue			% of revenue		
	1Q-3Q22 Results	1Q-3Q21 Results	YoY		FY2022 Targets (Announced in May 2022)	YoY	
	Apr. 2022 - Dec. 2022	Apr. 2021 - Dec. 2021			Apr. 2022 - Mar. 2023		
Revenues	185.34	165.60	+11.9%	+19.74	250.0	+10.5%	+23.66
	77.5%	77.8%			76.9%		
Cost of Revenues	143.68	128.82	+11.5%	+14.87	192.2	+10.0%	+17.49
	22.5%	22.2%			23.1%		
<b>Gross Profit</b>	41.66	36.78	+13.2%	+4.87	57.8	+12.0%	+6.17
	12.3%	12.4%			12.2%		
SG&A etc.	22.87	20.49	+11.6%	+2.38	30.6	+9.0%	+2.52
	10.1%	9.8%			10.9%		
Operating Profit	18.79	16.30	+15.3%	+2.49	27.2	+15.5%	+3.65
	10.3%	10.6%			10.5%		
Profit before tax	19.02	17.60	+8.1%	+1.42	26.3	+8.8%	+2.14
	6.9%	7.0%			7.0%		
Net Profit	12.85	11.52	+11.6%	+1.33	17.5	+11.7%	+1.83

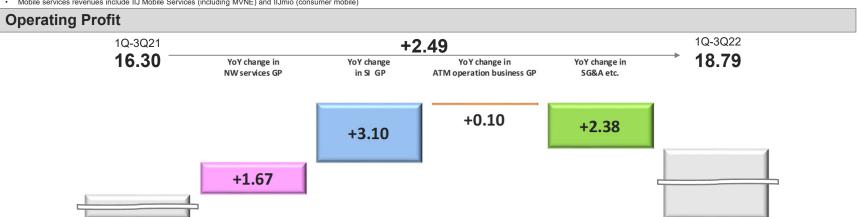
SG&A etc. represents the sum of SG&A, which includes R&D expenses, and other income/expenses

Net profit is "Profit for the period/year attributable to owners of the parent"

# II - 2. Year over Year Analysis

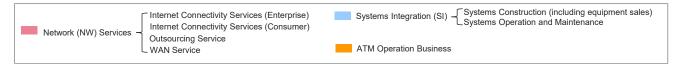


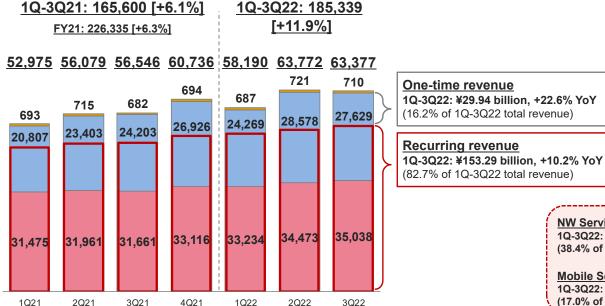
- NW services (excl. Mobile) revenues are calculated by deducting the below mentioned Mobile services revenues from total NW services revenues. The revenues include non-mobile consumer revenue which is a small amount
- Mobile services revenues include IIJ Mobile Services (including MVNE) and IIJmio (consumer mobile)



- NW services gross profit consists of gross profit related to NW revenues (excl. Mobile) and Mobile revenues (These two are not decomposable because some costs are common among them)
- . SG&A etc. in this slide represents the sum of SG&A, which includes R&D expenses, and other income/expenses

# II - 3. Revenues





NW Services revenue (excluding Mobile Services)

1Q-3Q22: ¥71.26 billion (+10.6% YoY, +¥6.85 billion YoY)

(38.4% of 1Q-3Q22 total revenue)

Mobile Services revenue

1Q-3Q22: ¥31.49 billion (+2.6% YoY, +¥0.8 billion YoY)

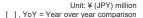
(17.0% of 1Q-3Q22 total revenue)

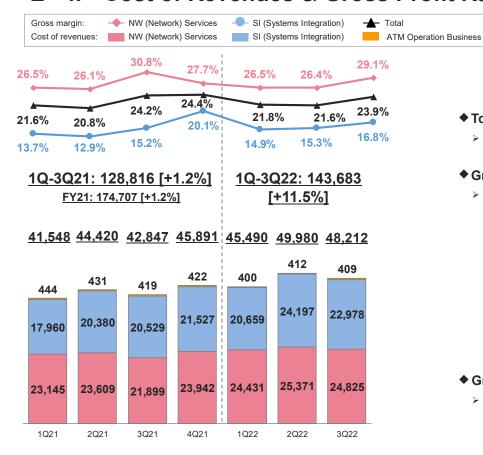
One-time revenue, systems construction revenues which include equipment sales, is mainly recognized when systems and/or equipment are delivered and accepted by customers

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 IIJ Mobile Services (including MVNE) and IIJmio (consumer mobile)

# II - 4. Cost of Revenues & Gross Profit Ratio





#### **♦** Total gross profit

> 1Q-3Q22: ¥41.66 billion (+13.2% YoY)

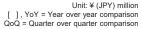
#### Gross profit for NW services

- > 1Q-3Q22: ¥28.12 billion (+6.3% YoY)
  - 3Q22 gross margin includes a onetime profit contribution of over ¥0.5 billion which
    was a result of FY21 Docomo's mobile interconnectivity (unit charge) revision. It
    was smaller than that of ¥1.08 billion in 3Q21
  - 1Q-3Q22 gross margin reflects a YoY decrease in margin of mobile services which
    is due to the user migration from the old plan, whose voice plan's margin is higher,
    to the new plan and the enhanced procurement of mobile devices with low margin
    for marketing purposes
  - 1Q-3Q22 gross margin increased by +¥1.67 billion YoY
    - √ NW service (excluding Mobile services) gross margin YoY increase was ¥2.7 billion

#### ◆ Gross profit for SI

- > 1Q-3Q22: ¥12.64 billion (+32.5% YoY)
  - 3Q22 gross margin improved mainly due to an increase in revenues and the mixture of projects

# II - 5. Network (NW) Services (1) Revenues





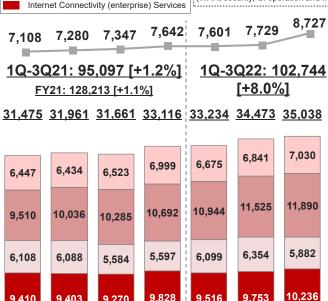
9,410

1021

9,403

2021

Revenue recognition of the order-received large scale monthly recurring revenue projects(\*) started as planned (WAN, security, SI operation and IP)



9.828

4021

9.270

3021

9,516

1022

2022

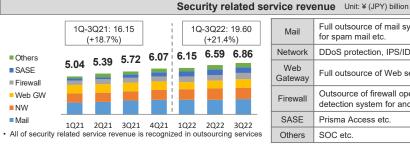
3022

#### ◆Internet Connectivity (enterprise) Services

- > 1Q-3Q22: ¥29.50 billion, +5.1% YoY
  - Of which, IP: ¥10.86 billion, +7.9% YoY
    - ✓ 3 months YoY revenue growth rate: 3Q22 +9.4%, 2Q22 +8.9%, 1Q22 +5.2%
    - ✓ Number of contracts & contracted bandwidth increased mainly due to Tokyo public high school project
  - Of which, Enterprise mobile (IoT usages etc.): ¥8.15 billion, +8.4% YoY
  - Of which, MVNE (IIJ Mobile MVNO Platform Service, service offer to other MVNOs); ¥7.40 billion, -2.8% YoY
  - ✓ Degree of revenue decrease in response to a decrease in procurement cost at the beginning of FY22 was as

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

- 1Q-3Q22: ¥18.34 billion, +3.1% YoY, of which consumer mobile (IIJmio): ¥15.94 billion, +2.5% YoY
- Outsourcing Services (Various in-house developed network services)
  - 1Q-3Q22: ¥34.36 billion, +15.2% YoY
    - 3 months YoY revenue growth rate: 3Q22 +15.6%, 2Q22 +14.8%, 1Q22 +15.1%
- ◆ WAN Services (Closed network services)
  - > 1Q-3Q22: ¥20.55 billion, +5.9% YoY
    - 3 months YoY revenue growth rate: 3Q22 +7.8%, 2Q22 +6.3%, 1Q22 +3.5%
- Recently acquired a NW replacement project for a major manufacturing company with a fixed multi-vear contract (to be launched in FY23)



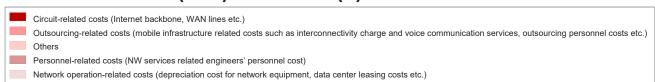
	,
Mail	Full outsource of mail system, countermeasures for spam mail etc.
Network	DDoS protection, IPS/IDS, WAF etc.
Web Gateway	Full outsource of Web security, URL filtering etc.
Firewall	Outsource of firewall operation, detection system for anomaly etc.
SASE	Prisma Access etc.
Others	SOC etc.

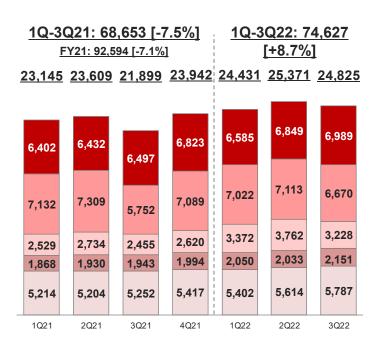
- Total contracted bandwidth is calculated by multiplying number of contracts by contracted bandwidths for IP service and broadband services respectively which are both under Internet connectivity services for enterprise
- IP (Internet Protocol) Service is bandwidth quaranteed dedicated Internet connectivity services for enterprises. Contracts are based on bandwidth and enterprises use the service for their core and main Internet connectivity 1Q22 IP, enterprise mobile & WAN revenues decreased QoQ mainly due to a certain large scale NW replacement project whose initial revenue concentrated in 4Q21, which led 1Q22 revenue to decrease by ¥0.29 billion from 4Q21. A large mobile

project whose revenue recognized per phase, which led 1Q22 revenue to decrease by ¥0.21 billion from 4Q21 (\*) Details of the order-received large scale monthly recurring revenue projects; around 4Q21-end; Total contracted revenue; over ¥10.0 billion (approximately 70% of the revenues in NW services), 5 projects, contract period; 3 to 4 years, In 1Q22; Total contracted revenue: approximately ¥3.5 billion (most of the revenues in NW services), 9 projects, contract period: 3 to 5 years. Outlook for these monthly recurring revenue recognition: 3Q22 approximately ¥0.5 billion, 4Q22 approximately ¥0.7 billion © Internet Initiative Japan Inc.

# II - 5. Network (NW) Services (2) Cost of Revenues

Unit: ¥ (JPY) million billion (bn) [ ], YoY = Year over year comparison





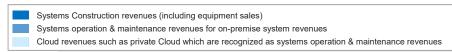
- · Regarding Outsourcing-related costs:
  - Voice purchasing cost (unit charge) was revised lower at the beginning of FY21 and Sep. 2021 (switched to auto-prefix appending)

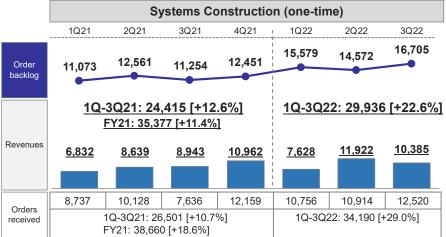
- 1Q-3Q22 Circuit-related costs increased by 5.7%, +¥1.09 bn YoY, along with an increase in WAN revenue which increased by +¥1.14 bn YoY
  - Internet backbone circuit cost remains stable as we can leverage scale merit by having one of the largest Internet backbone networks
- > 1Q-3Q22 Outsourcing-related costs increased by 3.0%, +¥0.61 bn YoY
  - In 3Q22, recorded over ¥0.5 bn of a onetime profit contribution which was a result of FY21 Docomo's mobile interconnectivity (unit charge) revision (3Q21 ¥1.08 bn plus impact)
- 1Q-3Q22 Others increased by 34.3%,+¥2.65 bn YoY as the purchasing mobile devices and licenses for SASE and others increased
  - YoY increase for purchasing cost of mobile devices:
     1Q22: +¥0.44 bn, 2Q22: +¥0.52 bn, 3Q22 +¥0.16 bn
- > Network operation-related costs slightly increase on a quarterly basis

NTT Docomo's mobile data connectivity charge (unit charge)						
	Unit charge based on future cost method	Fixed unit charge				
FY20	¥41,436  • Announced in Mar. 2020  • Used this unit charge from 1Q20  • Decreased 3.0% from the FY19 fixed unit charge	¥37,280  • Fixed at the end of Dec. 2021  • Onetime profit contribution of ¥1.08 bn in 3Q21  • Decreased 12.7% from the FY19 fixed unit charge				
FY21	¥28,385  • Announced in Apr. 2021  • Used this unit charge from 1Q21  • Decreased 23.9% from the FY20 fixed unit charge	¥27,024  • Fixed at the end of Dec. 2022  • Onetime profit contribution of over ¥0.5 bn in 3Q22  • Decreased by 27.5% from the FY20 fixed unit charge				
FY22	¥20,327  • Announced in Mar. 2022  • Have been using this unit charge from 1Q22  • Decreased 24.8% from the FY21 fixed unit charge	To be fixed around at the end of Dec. 2023				

# II - 6. Systems Integration (SI) (1) Revenues

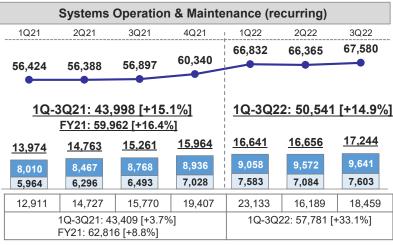
Unit: ¥ (JPY) million
[ ], YoY = Year over year comparison



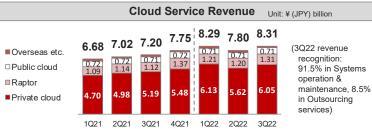


#### Favorable order situation

- · Continued to accumulate NW integration projects and others from all industries
- PTC (Singaporean Sler, consolidated from 1Q21) financial performance was stronger than expected. 1Q-3Q22 revenue ¥8.80 billion, operating profit ¥0.53 billion
- Recently acquired large scale projects whose revenue volume is over a few ¥ billion
  - Core information NW infrastructure including NW services for a broadcaster, approximately ¥6.0 billion (to be launched from FY24 in phases)
  - Data centers construction, approximately ¥3.0 billion (to be launched in FY23)
  - Core system platform for a financial group, approximately ¥3.0 billion in total,
     5 years contract (Monthly revenues to be recognized from FY24)



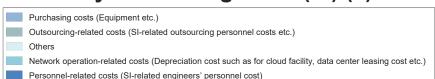
1Q22 order-received includes multi-year-fixed large-scale projects (approximately ¥3.0 billion) (Generally speaking, orders received is for 1 year and are automatically renewed)



2Q22 Private cloud revenue decreased from 1Q22 because of a decrease in multi-cloud revenue which requires purchase of multi-cloud, due to a certain gaming client 's change in usages

# II - 6. Systems Integration (SI) (2) Cost of Revenues

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



1Q-3Q21: 58,869 [+13.9%] 1Q-3Q22: 67,835 [+15.2%] FY21: 80,396 [+12.9%] <u>17,960</u> <u>20,380</u> <u>20,529</u> <u>21,527</u> 20,659 <u>24,197</u> <u>22,978</u> 7,507 6,124 5,460 4,419 5,064 5,324 3,538 7,641 7,817 6,983 7,513 6,880 6,888 7.501 3,561 3.182 2,739 3,479 2,517 2,154 1,917 2,624 2,755 2,943 2,971 2,781 2,579 2,754 3,243 2,914 2,979 2,861 2,907 2,865 2,843 1Q21 2Q21 3Q21 4Q21 1Q22 2Q22 3Q22

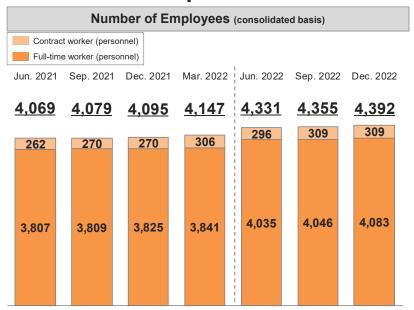
- 3Q22 gross margin improved mainly due to an increase in revenues and the low ratio of purchasing cost to the systems construction revenue
- Purchasing and outsourcing-related costs are linked to the size of project and revenue to certain degree
- Others, which include license purchasing for multi-cloud, fluctuate along with multi-cloud demand
- ► No significant change in network operation-related costs on a quarterly basis

Number of SI-related outsourcing personnel

(unit: personnel)

1Q21-end	2Q21-end	3Q21-end	4Q21-end	1Q22-end	2Q22-end	3Q22-end
1,244	1,300	1,302	1,319	1,327	1,390	1,393

# II - 7. Human Capital Disclosure

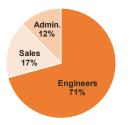


#### Personnel-related costs & expenses

Unit: ¥ (JPY) million, ( ) = % of revenue

				(- /	, ( )	
1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
7,756 (14.6%)	7,892 (14.1%)	7,859 (13.9%)	7,985 (13.1%)	8,177 (14.1%)	8,655 (13.6%)	8,341 (13.2%)
	21: 23,506 (1 : 31,491 (13		1Q-3Q	22: 25,172 ( +7.1% YoY	13.6%)	

#### **Breakdown of Employees**



> Breakdown of new graduates is almost identical

(As of Dec. 2022)

#### Number of new graduates (consolidated basis)

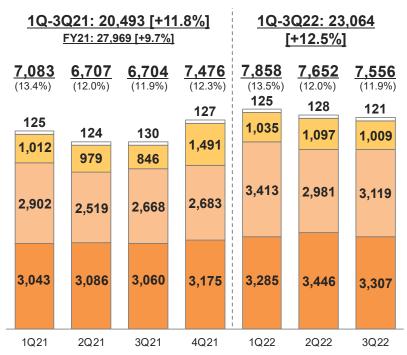


- The monthly wage table for new graduates will be updated at the beginning of FY23
  - Graduates with bachelor's degree: ¥256,667 per month, +4.8%
  - · Salary ranges for the existing employees will be revised along with it

# II - 8. SG&A

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

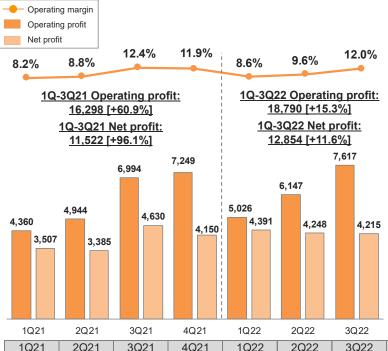




- SG&A is within our budget
- 1Q22 Others increased temporarily mainly due to advertisements for consumer business
- 4Q21 SG&A increased compared to the previous quarters because personnel expenses such as bonus and commission expenses such as sales promotions increased.(4Q21 other expenses also increased due to disposal loss on fixed assets)

SG&A in this slide shows the sum of SG&A which includes R&D expenses (not including other income/expenses)

In 4Q21, mobile marketing expenses increased due to a seasonal factor



- ◆ 1Q-3Q22 Operating profit: ¥18.79 billion, +15.3% YoY
- ◆ 1Q-3Q22 Profit before tax: ¥19.02 billion, +8.1% YoY
  - Foreign exchange gain: +¥323 million (1Q-3Q21: +¥98 million)
  - Valuation gain on funds etc.: +¥376 million (1Q-3Q21: +¥2,560 million)
    - √ 1Q22: +¥1.2 billion, 2Q22: -¥5 million, 3Q22: -¥820 million
      3Q22 includes -¥0.6 billion of foreign exchange loss regarding the U.S.
      dollar-based funds
  - Share of loss of investments accounted for using equity method: ¥161 million (1Q-3Q21: ¥1,056 million)

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

1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
296	256	780	1,456	78	102	94

- ✓ DeCurret divested its crypto asset business on Feb. 1, 2022 to dedicate its business resources to digital currency business for full-scale service launch (planned in 4Q23). 3Q21 loss increased as it included temporary loss of ¥484 million due to the divestiture in addition to ordinal loss. 4Q21 loss includes ¥1.18 billion of loss as impairment on corresponding amount of goodwill (No more loss related to the divestiture)
- ◆ 1Q-3Q22 Net profit: ¥12.85 billion, +11.6% YoY

1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	
1,208	292	855	595	1,611	152	(1,374)	Finance income (expense), net
(217)	(155)	(684)	(1,278)	(14)	(64)	(83)	Share of profit (loss) of investments accounted for using equity method
(1,807)	(1,667)	(2,500)	(2,388)	(2,136)	(1,982)	(1,931)	Income tax expense
36	30	35	27	96	5	14	Profit 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

# II - 10. Consolidated Statements of Financial Position (Summary)

	Mar. 31, 2022	Dec. 31, 2022	Changes
Cash & cash equivalents	47,391	41,327	(6,064)
Trade receivables	37,649	36,079	(1,570)
Inventories	2,608	4,290	+1,682
Prepaid expenses (current & non-current)	24,006	27,757	+3,751
Tangible assets	17,846	22,902	+5,056
Right-of-use assets	44,874	42,498	(2,376)
Of which, operating leases (rent of office, data center etc.)	27,859	26,647	(1,212)
Of which, finance leases (network equipment etc.)	17,015	15,851	(1,164)
Goodwill & intangible assets	25,903	25,990	+87
Investments accounted for using the equity method	5,830	5,598	(232)
Other investments	17,410	17,689	+279
Others	8,289	10,728	+2,439
Total assets:	231,805	<u>234,858</u>	+3,053
Trade & other payables	20,742	23,819	+3,077
Borrowings (current & non-current)	21,870	20,441	(1,429)
Contract liabilities & Deferred income (current & non-current)	17,405	17,083	(322)
Income taxes payable	5,795	1,978	(3,817)
Retirement benefit liabilities	4,395	4,578	+183
Other financial liabilities (current & non-current)	47,181	45,449	(1,732)
Of which, operating leases (rent of office, data center etc.)	28,157	26,983	(1,174)
Of which, finance leases (network equipment etc.)	18,069	16,733	(1,336)
Others	9,796	8,345	(1,451)
Total liabilities:	<u>127,184</u>	<u>121,693</u>	<u>(5,491)</u>
Share capital	25,562	25,562	-
Share premium	36,518	36,677	+159
Retained earnings	37,024	44,977	+7,953
Other components of equity	6,275	6,621	+346
Treasury shares	(1,851)	(1,831)	+20
Total equity attributable to owners of the parent:	103,528	112,006	+8,478

- Increase in inventories and prepaid expenses along with business expansion
- Shiroi data center constructionrelated
- Repayment of borrowings
- Payment of income taxes etc.

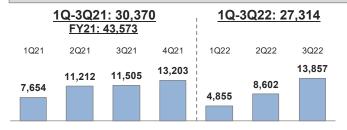
Ratio of total equity attributable to owners of the parent:

- > 44.7% as of Mar. 31, 2022
- > 47.7% as of Dec. 31, 2022

# II - 11. Consolidated Cash Flows

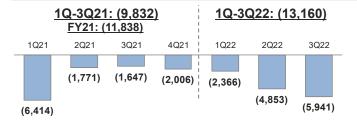
Unit: ¥ (JPY) million YoY = Year over year comparison

#### **Operating Activities**



	1Q-3Q22 Major Breakdown	YoY Change
Profit before tax	19,018	+1,421
Depreciation and amortization	21,254	+166
Changes in operating assets & liabilities	(2,991)	(1,694)
Income taxes paid	(9,871)	(4,191)

#### **Investing Activities**



	1Q-3Q22 Major Breakdown	YoY Change
Purchase of tangible assets	(9,760)	(4,867)
Purchase of intangible assets such as software	(4,150)	(523)
Proceeds from sales of tangible assets (leaseback)	1,216	(560)

#### **Financing Activities**

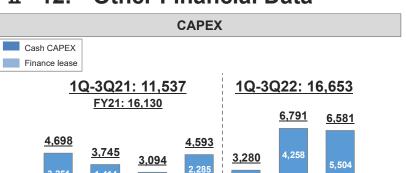
<u>1</u>	Q-3Q21: FY21: (2	•	<u>1Q-3</u>	Q22: (20	<u>0,766)</u>	
1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
(8,875)	(4,526)	(8,838)	(5,056)	(7,875)	(4,726)	(8,165)

	1Q-3Q22 Major Breakdown	YoY Change
Payment of operating/finance leases and other financial liabilities	(14,396)	+269
Dividends paid	(4,901)	(1,065)
Repayment of long-term borrowings	(1,500)	+3,670

1,113

1.981

3Q21



2,308

4Q21

2,440

840

1022

2,533

2Q22

1.077

3Q22

Breakdown (Unit: JPY billion)

1,414

2,331

2Q21

3.251

1.447

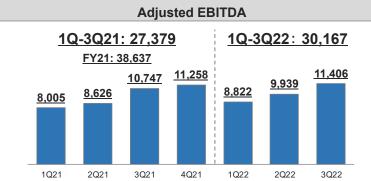
1Q21

	1Q-3Q21	1Q-3Q22
NW Usual Capex	6.7	7.9
Cloud-related	1.9	1.2
Shiroi DC-related	0.6	5.3
Customer-related	2.3	2.3
ATM-related	0.0	0.0

- > FY22 outlook: ¥21.5 billion which includes approx. ¥5.0 billion for Shiroi DC second site
  - · Unchanged from the year-beginning outlook

#### **CAPEX-related depreciation and amortization**





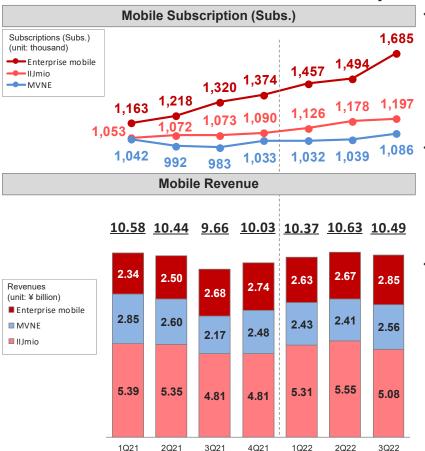
<sup>·</sup> Total amount of capital expenditure is the amounts of acquisition of tangible and intangible assets by cash and entering into finance leases for the fiscal year, excluding duplication due to sale and leaseback transactions and acquisition of assets that do not have the nature of investment, such as purchase of small-amount equipment.

<sup>·</sup> 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

Adjusted EBITDA is calculated by adding operating profit and CAPEX-related depreciation and amortization.

# **Ⅲ-1. Service & Business Developments: Mobile & IoT**

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



- ◆ Enterprise mobile (deducting MVNE from IIJ Mobile)
  - 1Q-3Q22 revenue: ¥8.15 bn (+¥0.63 bn YoY)
  - 3Q22-end subs.: 1,685 thousand (+192 thousand QoQ)
    - Largely increased mainly due to additional orders from the existing GPS tracker for kids projects and Digital Agency's project for their agriculture and fishers government solution service
    - Launched inexpensive & simple "IIJ Mobile Service/type D for IIJmio Biz" (Jan. 2023). Flat-rate voice services as an option ¥1,700 per month. The below table is on a monthly basis (excerpts, excluding tax.)

 Bundled data volume
 4GB
 8GB
 20GB
 40GB

 Data and voice
 ¥900
 ¥1,364
 ¥1,819
 ¥3,009

- ♠ MVNE (providing mobile services to other MVNOs)
  - 1Q-3Q22 revenue: ¥7.40 bn (-¥0.22 bn YoY)
    - Degree of revenue decrease in response to a decrease in procurement cost at the beginning of FY22 was as expected
  - > 3Q22-end subs.: 1,086 thousand (+47 thousand QoQ)
    - General enterprises' subscriptions are increasing. The subscribers related to one particular client being bought by a MNO are decreasing
  - 3Q22-end MVNE clients: 176 clients (+11 clients YoY)
    - Cable TV operators (91 operators), prominent retailer etc.
- ◆ IIJmio (consumer)
  - > 1Q-3Q22 revenue: ¥15.94 bn (+¥0.39 bn YoY)
    - Smaller marketing activities utilizing mobile devices with low margin in 3Q22 compared to 2Q22 which led to QoQ revenue decrease
  - > 3Q22-end subs.: 1,197 thousand (+18 thousand QoQ)
    - · Awarded for best customer satisfaction (ORICON, J.D. Power, and JCSI)
    - Opened same-day-opening-counters at EDION, a prominent retailer (11 stores, in Jan. 2023)

GigaPlans (unit: thousand)	1Q21- end	2Q21- end	3Q21- end	4Q21- end	1Q22- end	2Q22- end	3Q22- end
Subs.	462	556	607	667	757	837	878
Of which, new users	17%	30%	34%	38%	43%	48%	41%

In 3Q22, recorded over ¥0.5 bn of onetime profit contribution as FY21 Docomo's mobile data connectivity charge was fixed. (3Q21 ¥1.08 bn plus impact)

# Continued to expand in-house developed service lineups

IIJ Secure Access Service (ISA)

- ♦ IIJ's been long fulfilled the SASE concept through individual services such as managed firewall
- Launched in-house developed SASE services by incorporating security requirements
- ◆ Differentiate by operating within Japan, high compatibility with other IIJ's security services including C-SOC Services, able to start small, mid-to-low price range etc.

#### Features of the service

- A packaged product utilizing IIJ's existing security functions' strength
- > Handle Japanese enterprises' information asset in data centers located in Japan
- Developed in-house with a focus on cost effectiveness. Improve operation productivity and centralized management with IIJ's original user interface

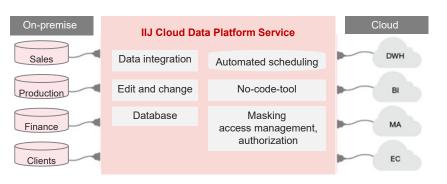
ISA	Palo Alto's Prisma Access
Mainly for network within Japan	Mainly for global network
Small start (minimum number of users: 50)	Target large number of users (over 500 users)
Mid-to-low price range	High-priced, high functionality, high efficiency
Japanese language support	-
Aggregating managed services	Require large-scale integration when installing
Extensive engineers support	Automation & XDR-centric design

 SASE (Secure Access Service Edge) is a concept to shift controls of network 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. IIJ Cloud Data Platform Service (CDP)

- ◆ Enables easy & secure data linkage between on-premise & multi-cloud
- Provides functions that promote data utilization through cloud-based platform
- More than 90 types of adapters for cloud to integrate data faster (AWS, Microsoft, Google, Salesforce, Oracle, SNS and others)

#### Features of the service

- Users can utilize data very flexibly with no-coding tools and various cloud interfaces
- Classified data is protected with data masking. Data is handled safely.
- > As a managed cloud service, small start is possible



• DWH (Data Ware House), BI (Business Intelligence), MA (Marketing Automation)

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

Fiscal Year	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Method	Actual cos	st method	MNOs are		tuture cost method for next three years base		t cost etc.
New				Fixed at the end of Dec. 2022 <u><b>¥27,024</b></u> -27.5% <b>YoY</b>	Announced in Mar. ¥20,327 -24.8% YoY	¥15,697	¥13,207 -15.9% YoY
				-4.8% compared to the previously announced charge	-8.4% compared to the previously announced charge	-12.9% compared to the previously announced charge	
Current	¥49,311 -6.0% YoY	¥42,702 -13.4% YoY	¥ <u>37,280</u> -12.7% YoY	428,385 -23.9% YoY	¥22,190	¥18,014 -18.8% YoY	
			Announced in Mar. 2	compared to the previously announced charge	compared to the previously announced charge		
Old	¥49,311 -6.0% YoY	<u>¥42,702</u> -13.4% YoY	¥41,436 -3.0% YoY	¥33,211	¥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
- · As for our FY20 usage charge, from 1Q20, we applied ¥41,436 per Mbps as a unit charge which was disclosed by NTT Docomo based on the future cost method. This unit charge was revised and fixed at the end of Dec. 2021 as ¥37,280 which is a decrease of 12.7% from the previous year's charge. We recorded all impact generated from this revision in our 3Q21 financial results.
- The charge disclosed based on the future cost method is to be finalized based on MNOs actual cost results etc. FY21 charge of ¥28,385 was fixed at the end of Dec. 2022. MNO is an abbreviation for Mobile Network Operator such as NTT Docomo.
- · Mobile interconnectivity charges, which are underlined above, had been fixed based on the results
- 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.ip/binary/pdf/corporate/disclosure/myno/business/oroshi.pdf

# Appendix Comparison between the old & new plans of consumer mobile

Including tax

20

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# New: GigaPlans (Apr. 2021~)

**New Price** from April 1, 2022

# **Basic Monthly Charge**

as g

Pay you

Voice call charge

as you go

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

2Giga Plan	With voice	¥858	¥850
(2GB)	Data-only	¥748	¥740
4Giga Plan	With voice	¥1,078	¥990
(4GB)	Data-only	¥968	¥900
8Giga Plan	With voice	¥1,518	¥1,500
(8GB)	Data-only	¥1,408	¥1,400
15Giga Plan	With voice	¥1,848	¥1,800
(15 B)	Data-only	¥1,738	¥1,730
20Giga Plan	With voice	¥2,068	¥2,000
(20GB)	Data-only	¥1,958	¥1,950
Voice call charge as you go	¥11 per 30 second (from Sep. 2021)		

¥22 per 30 seconds

<sup>·</sup> The above table briefly indicates service prices for major functions to show the differences between the old and new plans

Voice call charge is only for domestic calls. New voice call charge as you go was revised on September 11, 2021 and is applied to old plan's users

<sup>•</sup> eSIM service for consumers: "IIJmio eSIM Service Data Plan Zero" launched in Mar. 2020, Data communication service using NTT Docomo's LTE and 3G network Pricing: monthly charge (bundled data volume: 0 GB), ¥165 per month. Additional data volume: First 1GB ¥330 per GB, 2GB to 10GB: ¥495 per GB

# Appendix Creation of Guiding Principles for Employees "Backbone of IIJ"

- ◆"Backbone of IIJ" was created by volunteer members across departments as a quideline for realizing IIJ's business philosophy and accelerating future growth on the occasion of IIJ's 30th anniversary.
- ◆The name "Backbone of IIJ" was chosen in the hope that it would become a "spiritual pillar" that IIJ employees would carry on as well as making a reference to "backbone network" which is the foundation of IIJ

#### 1. Challenge: Every action is for achievement

We make action and get others involved toward realizing not only big ambition but also small improvement.

With flexible mindset and active discussion, we deepen our ideas not only for innovation but also for improvement.

If somebody has an exciting idea and is seeking to make it happen, we shall join such initiatives.

We will continue to have discussions and take challenges which has been our tradition since the company's inception.

#### 2. Curiosity: Don't stop at "Just being interested"

Every curiosity counts because it could read to something extraordinary. This is why we sincerely value ours as well as others' curiosity.

Curiosity is one of our driving force which has led to "IIJ as first in the world/Japan" and high customer satisfaction.

The curiosity of employees is our important asset which can neither be visualized nor quantified.

We believe that such asset is opening up the possibility of Internet and making network society even better.

#### 3. Passion: Pursuing "My Interests" is the path to becoming a professional

We work with commitment and passion when we see something interesting in front of us.

Such approach allows us to make more decisions on our own, enlarge what we can do, and make work more enjoyable.

We continue to strive with passion to be professionals and leading experts.

#### 4. Responsibility: Never compromise. Not accepting "this should be good enough"

We contribute to society by providing "Internet infrastructure."

We have a commitment to society that we shall provide uninterrupted and protected Internet connectivity, continue to improve Internet and show new possibility of Internet.

Going forward, we shall continue to be sincere for those beyond each job and never compromise.

#### 5. Respect: Listen, especially when you are not sure

We aim for an organization in which people with diverse background and values can exercise one's strength and have discussion from various view points.

Even it seems difficult, we are committed to mutual respect and honest communication.

Sincere communication means never cheat on the spot, speaking honestly and avoiding misunderstandings.

This is how we have been creating a working environment where diversified talents can demonstrate their abilities and achieve great satisfaction.

# [Reference] Presentation material for company overview P. 22 – 38

# **Company Profile**

Number of employees is consolidated basis and as of Dec 31, 2022.

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

Established	December 1992 (The first established full-scale ISP in Japan)
Number of Employees	4,392 (approx. 70% engineers)
Large Shareholders	NTT group (26.9%), Koichi Suzuki (5.9%)

# ◆ 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

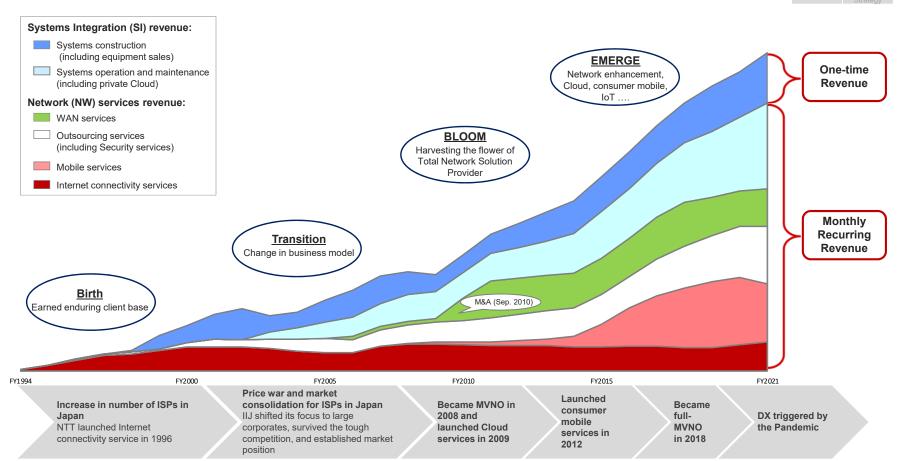
- Differentiate by continuous network service developments and business investments
- Focus on Cloud, mobile, security, solutions related to Big Data, IoT and data governance
- ✓ Always ahead of telecom carriers and systems integrators (Slers) with regards to services development and operation

...and many more

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Large shareholders are as of Sep. 30, 2022 and their shareholding ratios (%) are calculated by deducting number of treasury stock from the total number of shares issued. The ownership of Koichi Suzuki, IIJ's Chairman, includes his wholly owned private company portion.

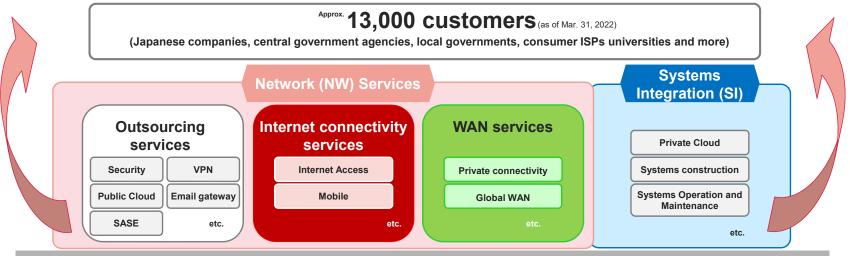
# From ISP to Total Network Solution Provider



# IIJ as a Total Network Solution Provider



Offers various network services and systems integration together in many projects



#### 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



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#### Koichi Suzuki

- Founder of II.I.
- Chairman, Representative Director and co-CEO
- Holdings of IIJ share: 10,632,722 shares (5.9%)
- > 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: 3,802 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: 198,700 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: none
- Date of birth: September 1960

#### **Full-time Directors**

Senior Managing Directors

- K. Kitamura
- A. Watai (CFO)

**Managing Directors** 

- T. Kawashima
- J. Shimagami (CTO)
- > N. Yoneyama (CIO)

Outside Independent Directors: (of which, 1 female. Outside independent director is 35.7% to the total directors)

Patorao maopomo	ACTIC DITCOLOTOR
➤ T. Tsukamoto	Honorary Advisor of Mizuho Financial Group
≻ K. Tsukuda	Honorary Advisor 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, 3 outside, 1 female)

- K. Ohira
- ➤ M. Tanaka (Ms.)
- T. Michishita (attorney)
- K. Uchiyama (CPA)

#### Reward for full-time directors

Annual salary	Fixed monthly remuneration	Cash	67% - 71%
Substitution for retirement allowance	Fixed amount	Stock-option	6% - 11%
Performance-linked remuneration	Variable amount	Restricted stock	22% - 24%

Interview with outside director, Mr. Tsukamoto, can be found here

https://www.iij.ad.jp/en/ir/integrated-report/outside director/

(Note) Above percentages are in the case of full paid performance-linked remuneration. Performance-linked remuneration varies (0 - 4 months in general) along with financial performance

#### **IIJ's Material Issues**



Lead network infrastructure advancement with technological innovations and contribute to solving various social issues

Bringing innovation with IP

Online banking/brokerage	CDN	Smart Government
Online shopping	Telehealth	Remote work
From now on	Adoption of Cloud	IoT Solution
Trom now on	Digital Currency	Metaverse

- Own highly energy effective data centers
  - Industry top level PUE (FY21): Matsue 1.22, Shiroi 1.42
- ◆ Information disclosures based on the TCFD Recommendations
  - · Reduce greenhouse gas emissions at its own data centers which account for more than 70% of greenhouse gas emissions (Scope 1 and 2) through "usage of renewable energy" and "improvement of energy conservation"

Measures	Targets
Usage of renewable energy	To increase the renewable energy usage rate of data centers (Scope 1 and 2) to 85% in FY2030.
Improvement of energy conservation	To keep the PUE of the data center at or below the industry's highest level (1.4) until FY2030 through continuous technological innovation.



Provide safe and robust Internet services that support social infrastructure

Provide stable and safe Internet connectivity services, construct and operate Internet backbone that cover the world



Support privacy protection regulations. Had acquired EU BCR and APEC CBPR



Provide an arena for people with diverse talents & values, where they can exercise their skills & actively and boldly take on challenges

- Corporate culture of taking initiatives and challenging new things since the inception
- ◆ Human resources culture of sincerely striving to meet the demands of clients
- **♦** Lower than the industry average turnover

FY19	FY20	FY21	
4.6%	3.6%	4.2%	

◆ Target for diversity: the ratio of female managers

Apr.	FY24	FY27
2022	target	target
5.7%	6%~	8%~

### For more information about IIJ's corporate governance, please visit

https://www.iij.ad.jp/en/ir/integrated-report/governance/

Overview of corporate governance	Operation of the Board of Directors	Operation of the Board of Company Auditors  Business Operation	
Operation of the Nomination and Remuneration Committee	Design of Remuneration for Directors		
Operation of Internal Audit	Initiatives for Information Security	Related Party Transactions	

- 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
- TCFD: Task Force on Climate-related Financial Disclosures
- Scope 1 and 2 (Greenhouse gas emissions by a company): Direct emissions from the use of fuels and industrial processes at the company and indirect emissions from the use of electricity and heat purchased by the company (as defined by the GHG Protocol)
- 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 approximately 10% is announced by the Ministry of Health, Labor, and Welfare

# **SWOT of IIJ**



	Strength	Weakness
* * *	High technological capabilities  First full-scale ISP in Japan  Highly skilled Internet-related engineers  NW service development & operation capabilities  One of the largest Internet backbone networks in Japan  Reliable Internet backbone operation  Excellent customer base  Corporate culture of pioneering spirit	<ul> <li>Business domain mostly in Japan</li> <li>IIJ's overseas business is mainly global network operation and is to increase Japanese clients' loyalty</li> <li>Smaller in size compared to competitors</li> <li>IIJ continuously develops innovative network services and solutions to be ahead of the market needs</li> </ul>
	Opportunity	Threat
	Opportunity  Digitalization (DX) in Japan	♦ Slow IT adoption in Japan
•		
	Digitalization (DX) in Japan  Network, CPU and storage are becoming faster and larger,	<ul> <li>Slow IT adoption in Japan</li> <li>IIJ focuses on promoting digitalization of large Japanese companies with various network services and systems</li> </ul>
<b>*</b>	Digitalization (DX) in Japan  Network, CPU and storage are becoming faster and larger, Domains of network and systems are converging	<ul> <li>Slow IT adoption in Japan</li> <li>IIJ focuses on promoting digitalization of large Japanese companies with various network services and systems</li> </ul>
<b>*</b>	Digitalization (DX) in Japan  Network, CPU and storage are becoming faster and larger, Domains of network and systems are converging  Internet traffic increasing	<ul> <li>Slow IT adoption in Japan</li> <li>IIJ focuses on promoting digitalization of large Japanese companies with various network services and systems</li> </ul>

# **Extensive Service Lineup**

Unit: ¥ (JPY) billion



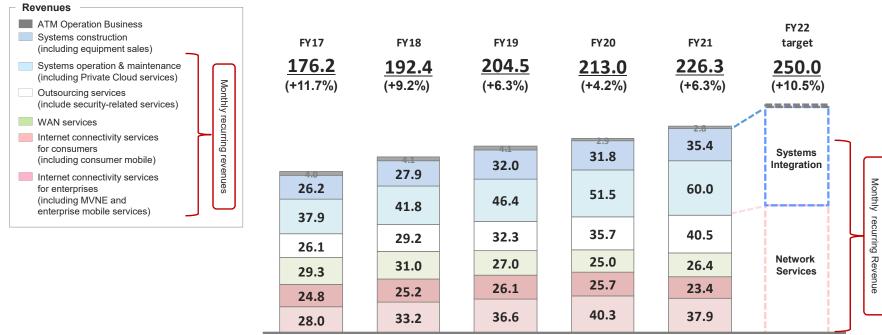
Monthly Recurring
Revenue
83%

Revenue category FY21 revenue			About		Business Situation & Outlook	
	Internet connectivity services for enterprise	3 / U	IP 13.68	<ul> <li>Core service providing from the foundation</li> <li>Highly reliable dedicated connectivity services enterprise (multi-carrier, redundancy etc.)</li> <li>Contracts are based on bandwidth</li> <li>Enterprises use the service for their main Interneces</li> </ul>		Matured market (hard to entry)     Blue-chip client base     Expect the revenue to continuously increase along with traffic volume and contracted bandwidth increase
Network			Mobile 20.35	Enterprise mobile (IoT usages etc.) 10.26  MVNE (Proving to other MVNOs) 10.09		Expect infrastructure utilization & profitability to improve by gathering various traffic such as IoT/enterprise/ consumers
2			(Others) Broadband Internet services etc.		• Enterprise: Expect the demand to increase in the mid-to-	
k services	Internet connectivity services for consumers	23.4	Mobile 20.37  (Others) Broadband Inter	Inexpensive SIM services (mainly data),     Direct sale (via IIJ web), Indirect sale (via sales partners such as retailers) net services and email services for households etc.		long term Consumer: Maintain and increase market share subscription with GigaPlans in competitive market
es	WAN (Wide Area Network)	26.4	Closed network used to connect multiple sites		Stable market in the long-term	
	Outsourcing	40.5	Various in-house de Security 22.22  Public Cloud 2.87	veloped Internet-related service line-ups  Managed security services, Security Operation Center services and so many more  Offered as a part of Cloud service line-ups		Have been developing services based on Zero Trust concept     Acquire enterprise demand by cross-selling services.     Continuous service development is important     Demands for security and remote access to increase continuously
SI	Operation and Maintenance	60.0	On-premise Systems 34.18 Private Cloud etc. 25.78	Operation and maintenance of constructed sys     Promote Cloud shift with abundant, highly relia value-added private Cloud related service line-	ole,	Expect great business opportunity in the mid-to-long term as internal IT systems migrate to Cloud     Revenue to increase continuously along with accumulation of construction projects
	Construction (including equipment sales)	35.4		related to office IT, security, Cloud, IoT, Internet-rels online banking & brokerage, network for university.		Through providing SI, offer greater value as IoT and Cloud usage penetrate

# **Monthly Recurring Revenue Accumulation**

Unit: JPY billion % = Year over year change





20.1

14.1

42.0

23.6

16.4

46.1

Mobile revenue decreased year over year in FY21 due to ARPU decrease for consumers and change in unit charge for MVNE clients

Cloud service revenues

Mobile service revenues

Security-related service revenues

Systems construction and systems operation & maintenance revenue increase for FY21 includes PTC revenue which became IIJ's consolidated subsidiary from Apr. 2021

17.9

12.1

35.3

- 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)
   Year over year growth rate written for FY17 revenue is calculated by comparing FY16 revenue which is prepared with U.S. GAAP and FY17 revenue which is prepared with IFRS

28.7

22.2

40.7

26.2

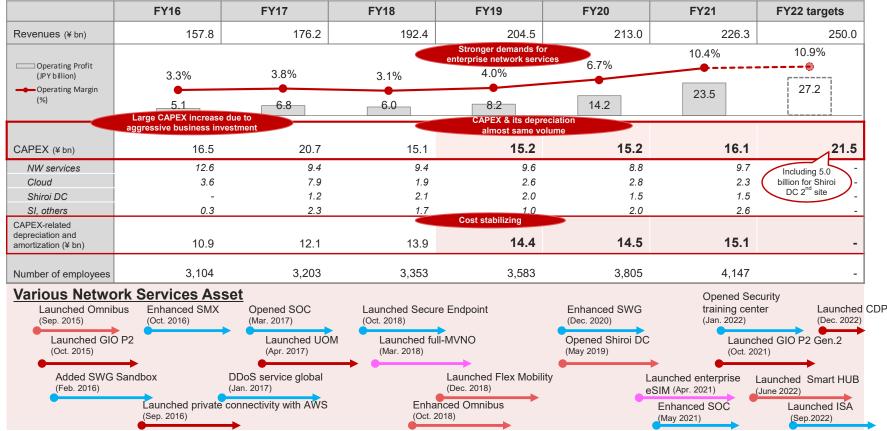
18.4

47.5

# **Capex and Business Developments**



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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**

IIJ Group

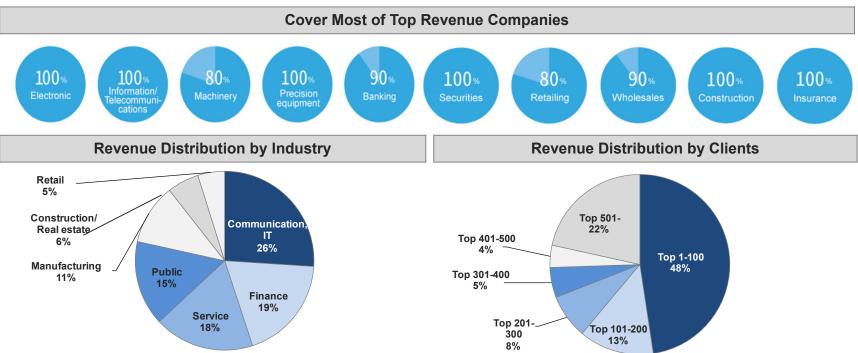
32

Multi Profile SIM Initiate the market by continuously developing innovative various network-related services & solution in-house Full-MVNO backbone Internet connection ★ First in Japan O First in the world 1992 2000 2010 2022 KJOCDN DeCurret GRAPE ONE III Global

# Excellent Customer Base (Number of IIJ Group's clients: approximately 13,000 as of March 31, 2022)



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



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Top ten firms in each industry taken from annual revenues are selected by IIJ based on the Yahoo! Japan Finance website (finance/sales/whole market/daily).

The service penetration and the revenue distributions are based on IIJ's FY21

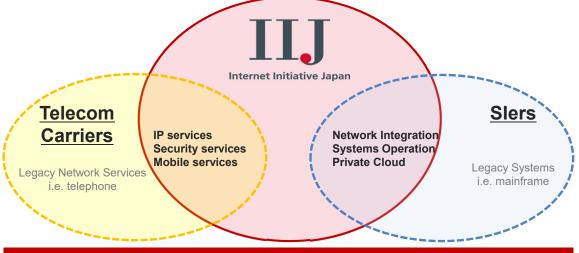
# **Competitive Advantages**

#### 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 (Slers), IIJ

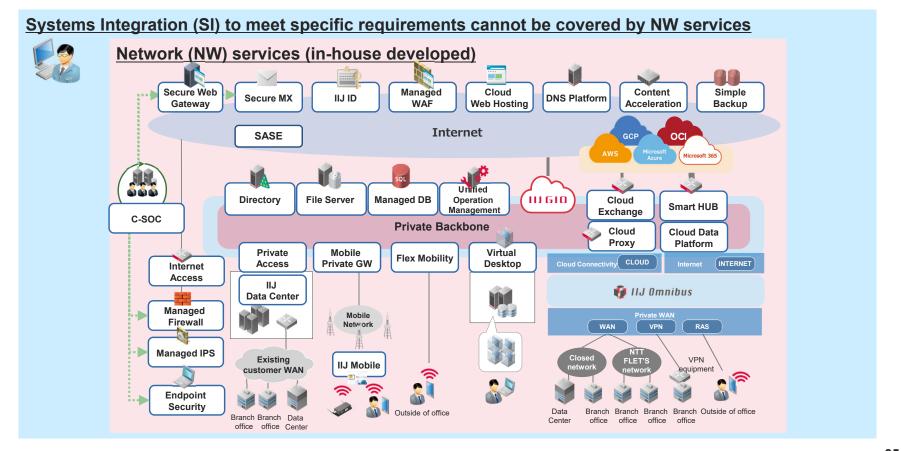
- Operates one of the largest Internet backbone (Slers do not)
- Has NW services asset and development capability (Slers do not)
- Focuses on Internet-related open type systems

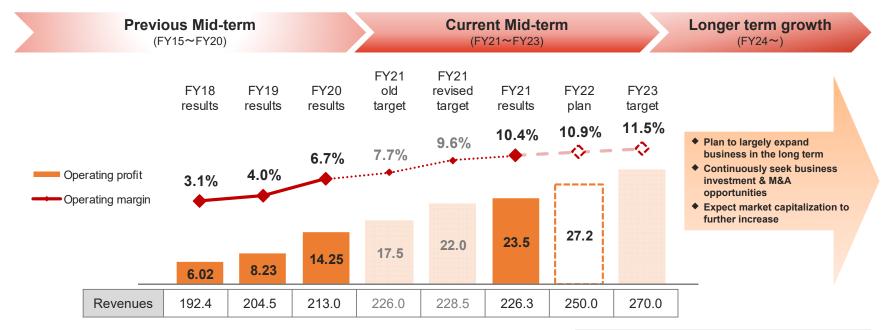


IIJ deals with newer systems and growing IT market (Not involved in heavy and legacy systems)

# NW Services and SI provided together as a Total Solution







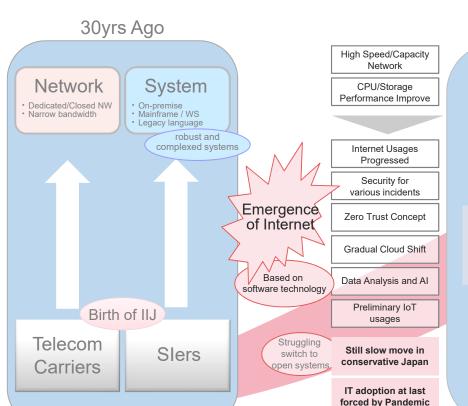
## **Key Points of the Mid-term Plan**

- ◆ Continuously develop services & solution
- ◆ Execute & strengthen the current strategy, target to improve operating margin
- ◆ Market capitalization to largely increase including M&A opportunities etc.
- Contribute to sustainable networked society through technology innovation and NW operation perspective



# **Drastically Changing Enterprises Circumstance**





# Nowadays

# Network⇒∞



# 

- Shifting to network-based systems
- Required technology to change
- Data volume continues to increase

### IJ

- Attractive work place for network engineers
- Accumulate NW infrastructure & NW services asset
- Does not own or target legacy NW/systems
- Have royal clients with Internet access contracts
- Business domains to expand from external network to total network and systems

# Telecom Carriers

- Consumer business focused historically
- · Lack of network engineers
- Infrastructure provider

#### Slers

- Seeking monthly recurring revenue business
- Legacy systems to decrease
- Not own network and network services

# Labor shortage require more IT

Japan needs more competitiveness by IT

# (Digital Transformation)

Legacy NW and Systems to be reformed

Internet Traffic
Continue 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

# **Structural Changes**

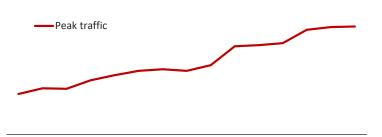
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# Market Growth Forecast etc.



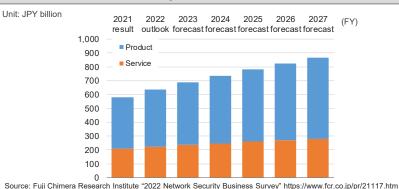
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#### Historical traffic data of major domestic IX

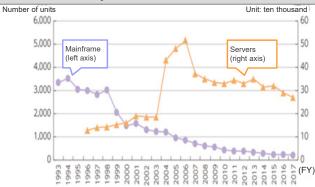


Source: INTERNET MULTIFEED CO.

## **Network security business market forecast**



## Domestic shipments of mainframe and servers



Source: JEITA (Japan Electronics and Information Technology Association) https://www.soumu.go.jp/johotsusintokei/whitepaper/ja/r01/html/nd111140.html

#### Digital competitiveness ranking (2022)

1	Denmark	
2	U.S.A.	
3	Sweden	
4	Singapore	
5	Switzerland	
(omission)		
28	Spain	
29	Japan	

Source: IMD WORLD DIGITAL COMPETITIVENESS RANKING 2022 https://www.imd.org/centers/world-competitiveness-center/rankings/world-digital-competitiveness/



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 alway starts with the future.