Internet Initiative Japan Inc. Corporate Overview



Internet Initiative Japan Inc. TSE1 (3774) November & December 2020 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.

Outline

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♦ Financials

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Internet Technology Initiatives in Japan

Established	December 1992
Number of Employees	3,780 (approx. 70% engineers, 20% sales, 10% back office)
Listed Markets	Tokyo Stock Exchange 1 st Section (code: 3774)
Shareholder base	NTT group (26.0%), CEO Suzuki (5.6%), Foreign investors (23.0%)

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

- ✓ Introduced many prototype Internet-related network services
- ✓ Highly skilled IP (Internet Protocol) engineers
- ✓ In-house developed services and related back office facilities.

"IIJ" brand towards blue-chips

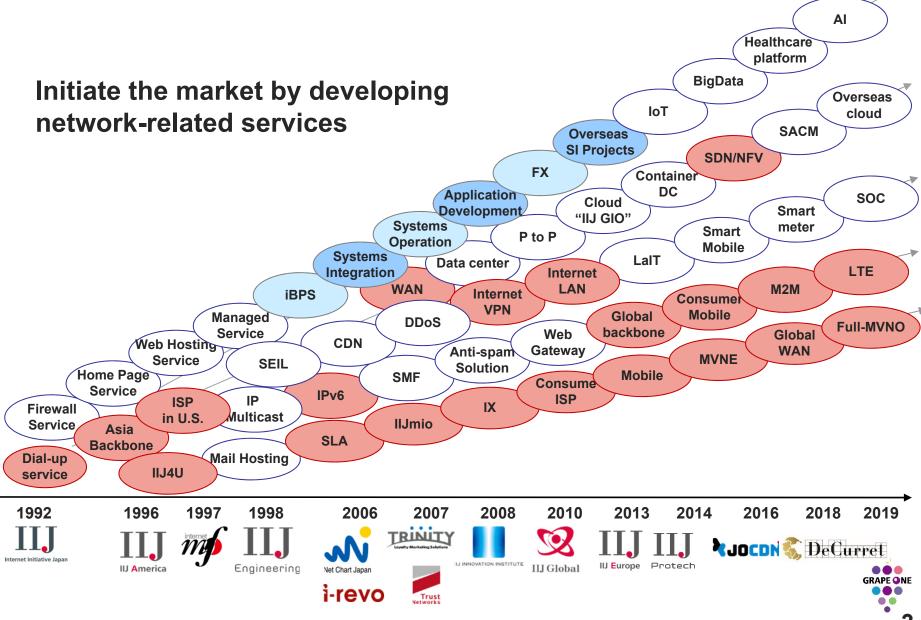
- Mainly among large enterprises and governmental organizations
- ✓ Differentiate by reliability and quality of network and systems operation
- ✓ Long-term client relationship with no serious systems troubles.

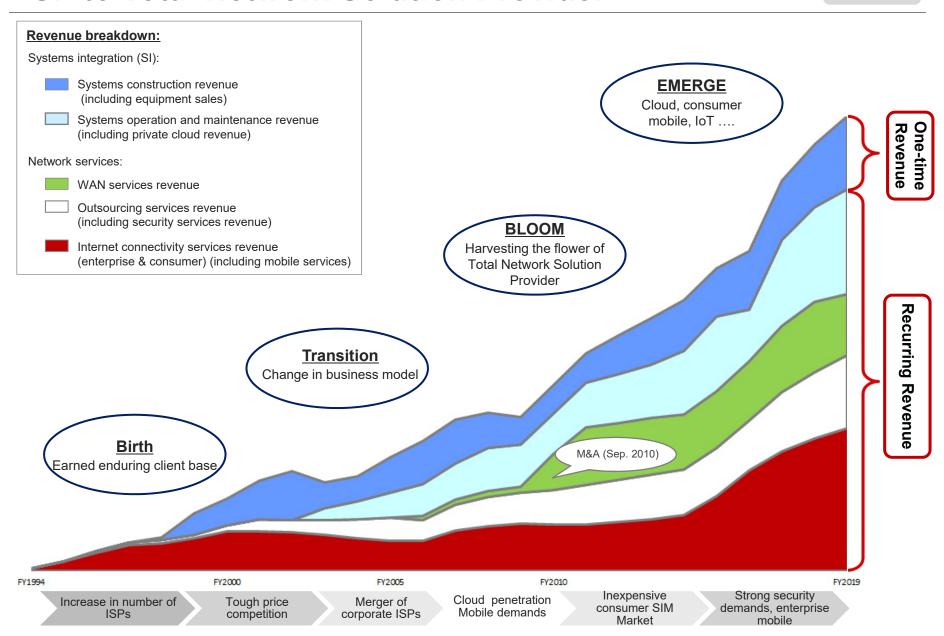
At the leading edge of IP R&D

- Differentiate by continuous service developments and business investments
- Enhancing cloud, mobile, security, CDN (Contents Distribution Network) and solutions related to bigdata and IoT
- ✓ Participate in world-wide research and organizations

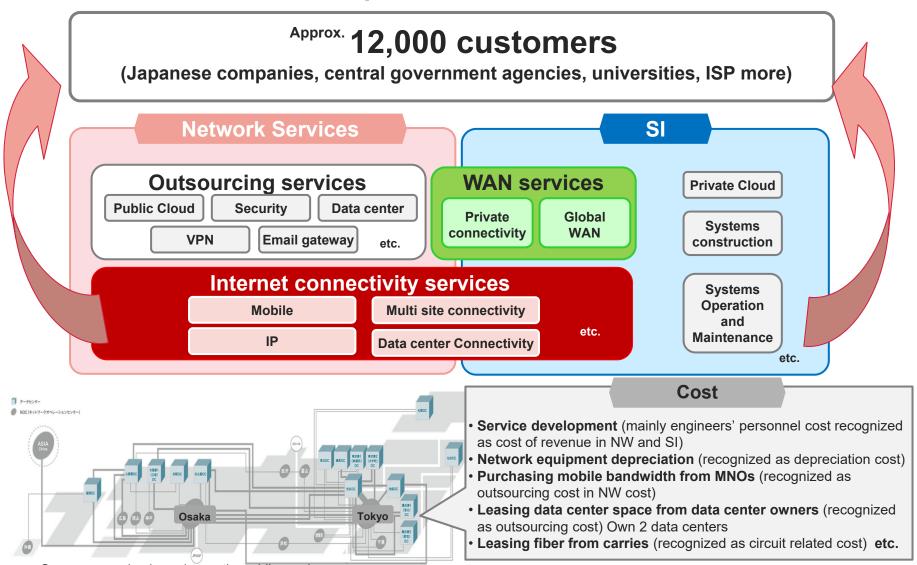
...and many more

- Number of employees are consolidated base and as of September 30, 2020
- · We voluntary delisted from the U.S. NASDAQ Market in Apr. 2019. Our ticker symbol at OTC is IIJIY
- CEO Suzuki's ownership 5.6% includes his wholly owned private company portion





Leveraging Internet-related technology IIJ is total network solution provider with network services and SI



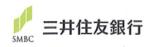
Our consumer business is mostly mobile services.

Excellent Customer Base with Many Blue-Chips

Competitive Advantages

Cover Most of Blue-Chips Companies



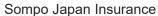








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and Communications











Kanagawa Prefecture

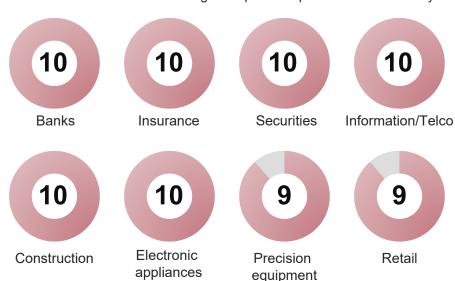
Shibuya Ward

Excellent Customer Base with Many Blue-Chips

Competitive Advantages

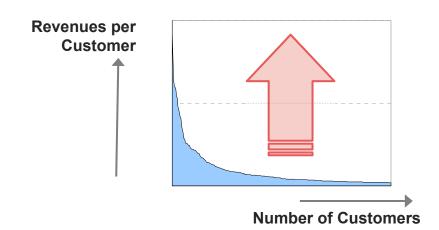
Cover Most of Top Revenue Companies

The number of clients among the top 10 companies in each industry.

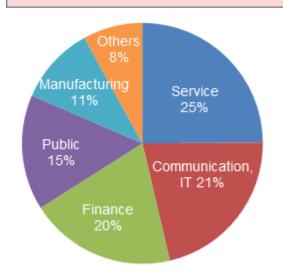


Increase Revenue per Customer

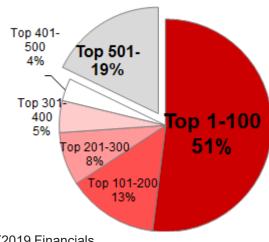
We don't expect our number of clients to increase but revenue per customer should continue to increase by cross-selling strategy.



Revenue Distribution by Industry



- Client base is well diversified among industry sectors
- Revenues are generated from various industries



Source: IIJ's FY2019 Financials

Revenue Distribution by Clients

- Approximately 80% of the revenue comes from top 500 clients
 - Much room to grow revenue per customer
- Cross selling strategy is important
- A largest client revenue portion to the total is less than 3%

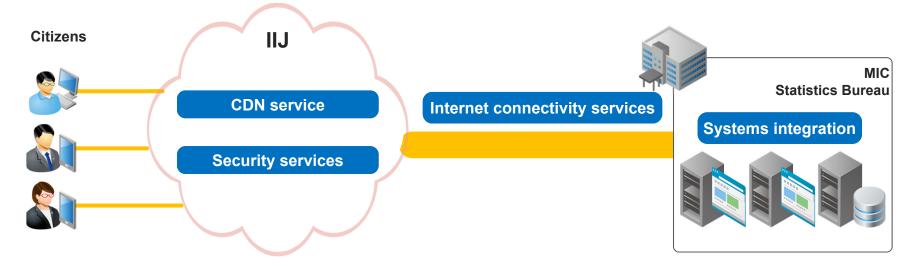
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Comprehensive Line-ups of IT services

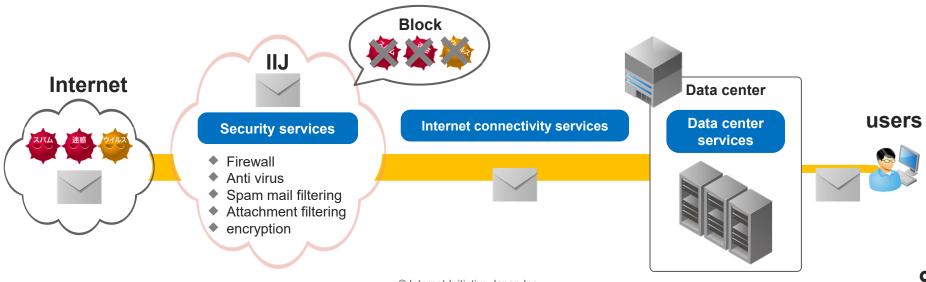
Reve	enue category	1H20 Revenue		About		Business Situation & Outlook				
7	Internet connectivity services for		IP	5.8	Core service providing from the inception of the company, highly reliable dedicated connectivity services for enterprise (multi-carrier, redundancy etc.)		, highly ctivity	Matured market (new entry difficult) Blue-chip client base Expect the revenue to continuously increase along with traffic volume and contracted bandwidth increase which is increasing along with CDN traffic, remote work etc.		
let	enterprise		Mobile	12.0	IoT/M2M-	related	3.5	Expect profitability and mobile		
Network			bile	12.0	MVNE		8.6	infrastructure utilization to improve as we gather various traffic such as IoT,		
rk services	Internet connectivity services for consumers	12.9	Mobile	11.5	Direct sale	e SIM services (via IIJ web), Ir partners such a	ndirect sale	enterprise, consumers IoT/M2M: Expect the demand to expand in the middle to long term MVNE/Consumer: Focus on expanding sales channel under severe competition		
ces	WAN	12.3	Clos	Closed network used to connect multiple sites				Stable market for long-term, Large clients migrated to mobile in FY2019		
	Outsourcing	17.2		In-house developed Internet-related various service line-ups (Security, datacenter, remote access related etc.)			 Acquire enterprise demand by cross- selling services. Continuous service development is important 			
	Outsourcing	Jutsourcing 17.2		curity	8.9	Public Cloud	1.3	Demands for security and remote access to increase continuously		
	Operation		•					our abundant, h d related servic	• •	 Expect great business opportunity in the middle-to-long term as internal IT
SI	and Maintenance		From construction 13.9 Private Cloud 11.2			systems migrating to cloud > Systems to be converted to cloud				
•	Construction (including Equipment sales)	13.0	Clou Onli	ud, IoT. I ne banki	nternet-relating & brokera	ited to office IT ed construction age academic nd E-commerce	n such as backbone	 Through providing SI, offer greater value as IoT and cloud usage penetrate 		

Examples of Cross-selling/Total Solution

(Case 1) Provided and constructed systems needed for online census

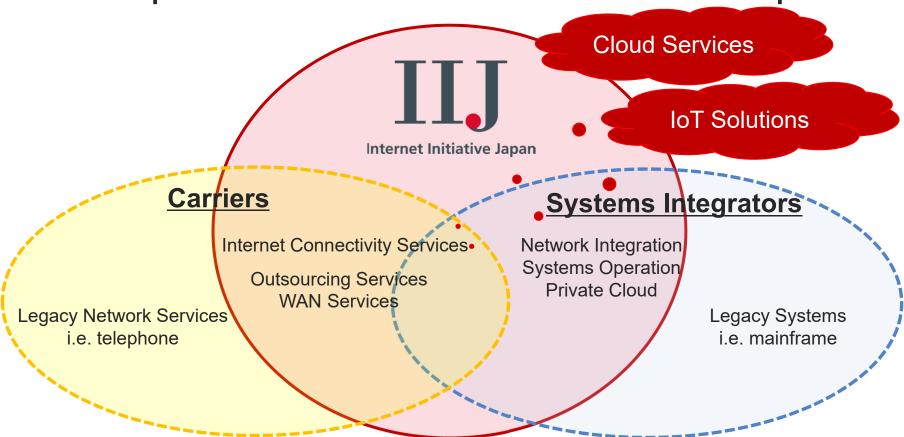


(Case 2) Full outsourcing of email systems



Competitive Advantage by NW services & SI

Target Blue-chip's IT Shift Cover Corporates' New IT Services Demands with reliable operation



IIJ's differentiation points against competitors

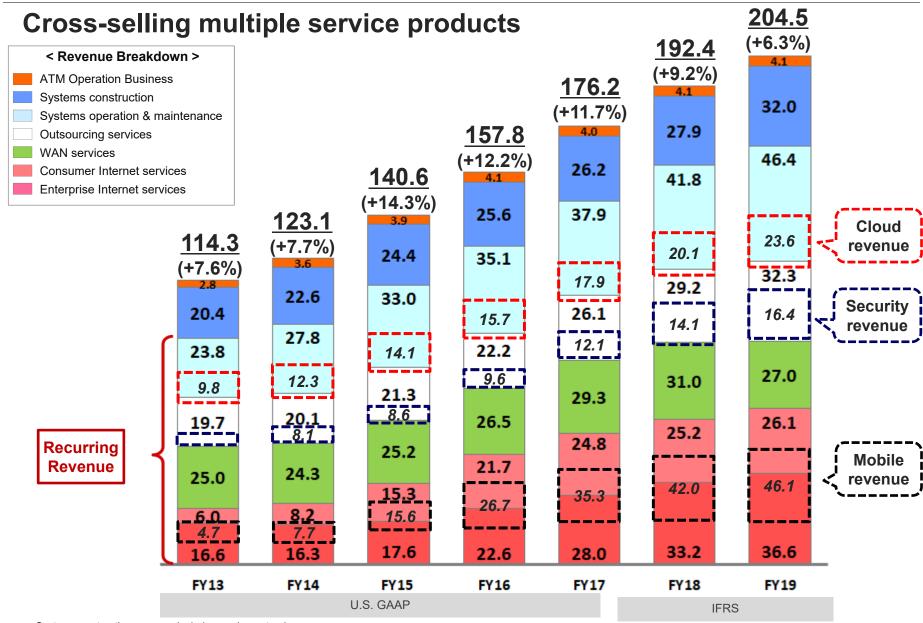
- Many highly skilled network engineers
- Corresponds to the Internet market rapidly
- Unbureaucratic organization structure

- Operates network facilities by ourselves
- Develops network services
- Moderate number of employees

Continuous Revenue Accumulation

Unit: JPY billion % = year over year change

Growth Strategy



System construction revenue includes equipment sales

^{*}YoY growth rate written for FY17 revenue is comparing FY16 revenue which is prepared with U.S. GAAP and FY17 revenue which is prepared with IFRS

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Network Services

Continuously developing various network services to promote further IT utilization by Japanese enterprises. Cross-selling them to fully meet Japanese enterprises' needs.

IIJ's Network Services Business Model

Revenue

- > Accumulation of monthly recurring service charge
 - IP services are contracted based on bandwidth base
- > Very low churn rate. Minimum contract period is 1 year. Renew every year, generally speaking.
- > Enterprise Internet connectivity market in Japan is already consolidated. Difficult to enter the market
 - IIJ enjoys stable and high market share among large enterprises.
 - IIJ's internet connectivity services clients include general Japanese enterprise as well as network operators such as consumer ISPs, cable TV operators
- > Revenue for IP services, our core services, increasing as Japanese enterprises use more Internet and more contents are exchanged over Internet. Increase in web meetings has accelerated the growth.
 - IP services revenue growth: 1H20 +10.1% YoY (1Q +9.4% YoY, 2Q + 10.8% YoY)
- > Continuously developing innovative services by ourselves to encourage Japanese enterprises to outsource their network and/or system operation
- > Outsourcing services continuously and largely increasing mainly because demands for security services and remote access services are strong
 - Outsourcing services revenue growth: 1H20 +9.1% YoY (1Q +8.5% YoY, 2Q +9.8% YoY)

Cost

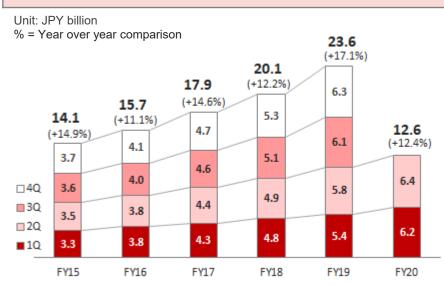
- > Internet backbone leasing costs and other costs needed to continuously operate the backbone
- > IIJ purchases physical fiber from carriers. IIJ owns network equipment
 - · Circuit related costs, depreciation and amortization costs, data center leasing costs, personnel costs, outsourcing costs.
 - · As one of the largest independent ISPs, IIJ has strong buyer power when purchasing fiber and/or equipment

Profit

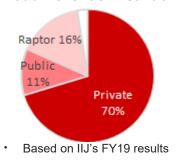
> Revenue continuously growing. Cost, mostly fixed type cost. IIJ can achieve enjoy economy of scale with strong revenue accumulation which leads to profit expansion

Cloud shift of Japanese enterprises' internal core systems just began Additional system area for IIJ: revenue growth opportunity

IIJ's Cloud Revenue



IIJ's Cloud Revenue Breakdown



(foreign currency ASP system) used by over 10 Japanese major financial institutions including Nomura Securities, SONY BANK and others. DeCurret is also a user

IIJ Raptor services

Cloud Market in Japan

- Cloud penetration among Japanese enterprises
 - 58.7% as of 2018-end, 33.0% as of 2013-end (source: MIC)
 - Slowly but surely using more Cloud services, yet most of such usages are primitive ones such as web servers etc.
- Seeing some advanced and mission critical enterprise systems on Cloud services
- Cloud shift is gradually taking place as
 - Japanese blue-chips' 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

IIJ's Cloud Service Offerings

- Mainly laaS service lineups to target blue-chips' needs to migrate to Cloud
 - Incorporates VMware virtualization platform
 - Offers services promoting SAP ERP's Cloud shift
 - Storage services
- 2Q20 Cloud revenue breakdown: 89.3% is recognized in systems operation and maintenance, 10.7% is recognized in outsourcing services
 - ✓ Private Cloud services and other services that are similar to systems integration, meeting specific needs, are recognized in systems operation and maintenance
 - ✓ Public Cloud services which are similar to conventional web hosting services or simple network services in nature are recognized in outsourcing services

Cross-selling Cloud services with various network services and SI function

IIJ's Competitive Advantages

♦ IIJ's competitive advantage

- > Blue-chip client base: Hands-on/close relationship with clients (Cloud as a cross-selling element)
- > New business opportunity: Because blue-chips' internal systems have been covered by legacy system integrators, it is a new business opportunity for IIJ once such systems migrate toward Cloud
- > Various service line-ups including Multi-cloud strategy. Can meet specific needs with various network services and SI

Competitors

- > AWS & Microsoft:
 - Strong scale merit. Not so strong about meeting individual systems needs
- System integrators
 - Not genuine Cloud as making investment for individual projects

Multi-Cloud Strategy

- ◆ Provide private connectivity with Microsoft Azure/365, AWS (Amazon Web Service), GCP (Google Cloud Platform)
- ◆ Provide operation and management services to effectively monitor an entire IT systems, covering IIJ's cloud services, other cloud vendors' cloud services and on-premise systems.

IIJ's Cloud Business Model

Revenue

- > Revenue depends on system volume (i.e. number of cloud servers, volume of storage)
- > Total Cloud revenue is to expand along with an increase in customer numbers and each system volume

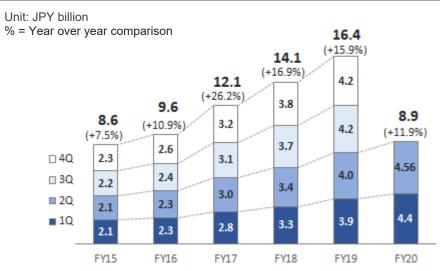
◆ Cost

Leasing fee for data center space, depreciation and amortization cost for servers and other network equipment, outsourcing cost and personnel costs for service developments

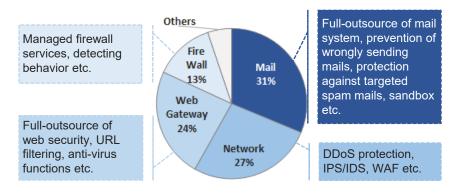
Profit

- Currently very low profitability: FY19 gross profit less JPY 1 billion (need to expand service facility and develop services)
- Need to have more revenue to have economy of scale (2 or 3 times of the current revenue volume)

IIJ's security service revenue (recurring)



- · All of security services revenue are recognized in outsourcing services
- ◆ Total security business volume (services + SI)
 In addition to the above mentioned recurring revenue, we have security-related SI revenue
 - FY17: ¥14.62 billion, FY18: ¥16.77 billion, FY19: ¥19.18 billion, 1H20: ¥10.31 billion (+12.0%)
- **♦** Security Service revenue breakdown





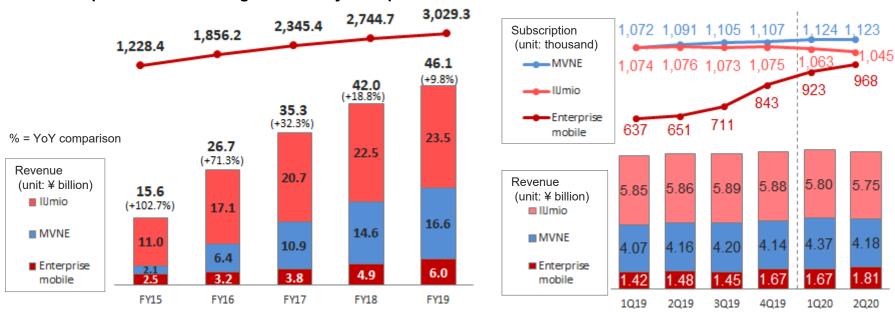
- Strong and Various Demands
 - DDoS protection services: handle terabit cyber attacks, widely used by central govt. agencies & major financial institutions
 - Security Operation Center services with approx. 6 billion daily log records of network etc. (others: approx. 0.8 billion a day), Detect Internet threats & execute counter measures in early
 - Leveraging security log obtained as an ISP to protect against latest cyber threats
- ◆ Advising regional police departments about cyber security such as unauthorized access and Internet network

Mobile Business (1)

Main strategy: accumulate enterprise mobile by leveraging blue-chip client base, various NW services & SI function – higher utilization of the mobile infra. Consumer subscription contributing to expand the infrastructure

IIJ's Subscription & Revenue

◆ Subscription and Revenue growth led by enterprise mobile



[•] IIJmio: Brand name for IIJ's consumer mobile services. IIJ provides the service through its website (direct sales) and sales partners MVNE (Mobile Virtual Network Enabler): Same as "IIJ Mobile Platform Services" Revenue and Services generated by providing mobile services to other MVNOs who want to provide mobile services to their consumer customer base. Enterprise mobile: Calculated by deducting MVNE from IIJ Mobile (enterprise)

IIJ's History on MVNO/Mobile Business

- 2008 Became the first MVNO in Japan to connect Docomo's mobile network. Provide mobile solution to enterprises
- 2012 Started providing consumer mobile services (also launched MVNE business)
- 2018 Became the first full-MVNO (data) in Japan
- 2019 Launched Japan's first eSIM services

Mobile Business (2)

Accumulating various enterprise mobile solutions

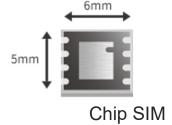
material storage sites, etc. Security cameras Store visitor management systems Currency exchange machines for foreign visitors to Japan	umulating various enterpr	e mobile solutions	
Security cameras for apartment complexes, etc. Surveillance cameras for material storage sites, etc. Security cameras Security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

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Mobile Business (3) Full-MVNO & 5G Business Initiatives

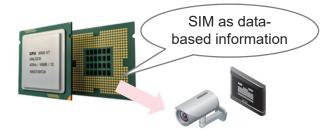
New forms of SIMs

◆ Chip SIM



- Embedded Chip-type SIM (M2M UICC)
- Compared with SIM cards, this type handles a wide range of temperature environments and is resistant to vibrations and corrosion.

Soft SIM (from May 2019)



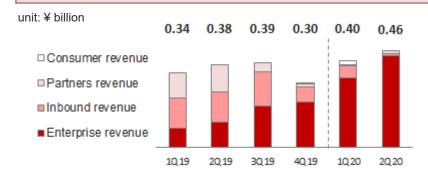
 A communication module given SIM functions where the information required for mobile communications is logically written in internal memory

eSIM



Maintaining our own subscriber management features allows us to provide an eSIM service

IIJ's Full-MVNO Revenue Growth



- 2Q20 Full-MVNO revenue breakdown: 95.9% IIJ Mobile, 4.1% IIJmio
- Consumer revenue: eSIM services
- Partner revenue: IMSI for overseas enterprises such as travel agency
- Inbound revenue: Pre-paid SIM for foreigners visiting Japan
- Enterprise revenue: IoT-type usages such as connecting cameras

5G Business Initiatives

- Developed Japan's first 5G SA-compatible eSIM (Nov. 2020)
 - 5G SA (standalone) is upcoming mainstream 5G mobile communications
- Launched 5G services (au) for enterprises (Oct. 2020)
- Local 5G business: established JV (Grape One) with SUMITOMO CORPORATION and some cable TV operators
 - Local 5G networks: dedicated 5G networks operated by local governments and companies in keeping with diverse needs of their respective communities and industries
 - Cable TV operators, serving as local media, can leverage their own large-capacity bidirectional infrastructure to play key role in local 5G-based community development

Mobile Business (4)

IIJ's Consumer Mobile (IIJmio) Price List

Data volume	Monthly charge	With voice service
3GB	¥900	¥1,600
6GB	¥1,520	¥2,220
12GB	¥2,560	¥3,260

Others' price list (as of Nov. 2020)

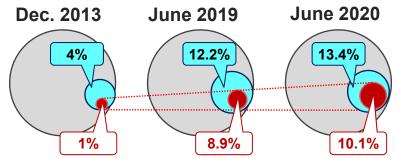
Provider	Data volume	Monthly charge (voice service included)
Y! mobile	4GB	¥2,680
UQ mobile	3GB	¥1,980
Docomo	3GB	¥2,480

IIJ's Sale Channel for Consumers

- 1. Direct sales through IIJ's website
 - Approximately 60% of 4Q19 IIJmio's revenue was through direct sales (sales partners' stores were temporarily closed due to the COVID-19 pandemic)
- 2. **Sales partners** such as BicCamera and other retailers who have physical stores
 - IIJ pays sales commission to sales partners
- 3. **MVNE** (through other MVNOs)
 - "IIJ Mobile Platform Service"
 - · As of Sep. 2020, IIJ has 155 MVNE clients
 - Majority of MVNE clients are Japanese cable TV operators who already have direct relationship with consumers

MVNO Penetration in Japan*1





Source :

- *1 Ministry of Internal Affairs and Communications (the MIC)
- *2 As of June 2020, Among "SIM subscription," Published by the MIC in Sep. 2020
- *3 "MVNO Market Maintains Upward Trajectory" by Pete Bell in Apr. 2019 https://blog.telegeography.com/mvno-market-maintains-upward-trajectory

Consumer MVNO share *2

- Rakuten 16.3%
- IIJ 13.7%
- NTT Communications (brand name: OCN mobile) 10.8%
- OPTAGE (brand name: mineo) 8.8%
- LINE Mobile 6.1%

MVNO share in other countries *3						
Germany	47.5%	Spain	16.8%			
Canada	28.8%	The US	13.8%			
France	26.9%	Italy	12.1%			
The UK	18.6%	South Korea	12.1%			

Business model of IIJ's Mobile Business

Revenue

- Consumer mobile revenue is generated by subscription growth multiplied by ARPU
 - ✓ ARPU is increasing as favorable demand for mobile device bundled offerings and the voice services are charged "pay as you go"
- Enterprise mobile revenue to grow with IoT/M2M traffic. Charge IoT projects by how much data traffic is needed

◆ Cost

- > All of IIJ's mobile services are provided from the same mobile infrastructure
- Mainly purchasing mobile capacity on bandwidth-base from mobile carriers (mainly from Docomo, some from KDDI)
 - ✓ Such purchasing cost is recorded as "outsourcing" among network 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

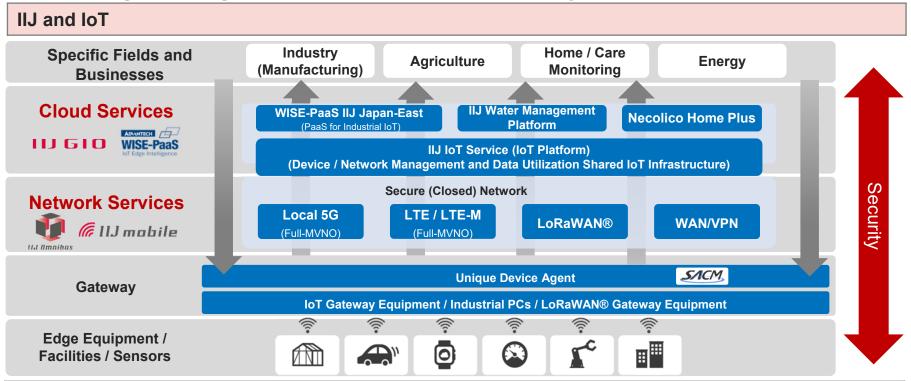
♦ Profit

- While many of consumer-oriented MVNOs are said to be in deficit, IIJ's mobile business is profitable. As of 1H20, IIJ's mobile business profitability is around 13% (gross profit base), lower than overall network services' gross 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
 - Enterprise: No clear peak time. Traffic is generated through mobile dongle and/or IoT type usages which run 24/7
 - ✓ Currently, purchasing mobile capacity to meet the peak time of consumers (commuting hours and lunch break)
 - · Mobile infrastructure utilization is still quite low expect for those peak time of consumers

Growth Strategy

Aim to improve mobile infrastructure utilization by gathering IoT/M2M & various consumer traffic

Combining existing service lineups to build IoT systems



Japanese enterprises' attitude toward IoT

Industrial machinery manufacturers	Shift from reactive post-sales maintenance model to proactive field services (predictions based on data)
Car accessory manufacturers	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
Measuring instrument manufacturers	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
Automotive manufacturers	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
Trading companies (agriculture)	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

Business through affiliated companies: FinTech Business (1)



Company Profile			
Name	DeCurret Inc.		
Est.	January 2018		
Capital JPY8.6 billion (including capital reserve)			
Directors	President: Kazuhiro Tokita (from IIJ)		
Directors	Part-time directors: IIJ CEO, IIJ COO, IIJ CFO		

♦ Equity method loss related to DeCurret (unit: JPY million)

4Q19	1Q20	2Q20
403	306	273

IIJ's ownership by 4Q19: 30.0%, from 1Q20 41.6%.
 Ownership increased due to the capital raise in spring 2020

Crypto Asset Exchange Services (BtoC)

◆ First & new licensed service provider after the FSA enacted registration process

- Exchange various crypto assets (BTC, BCH, LTC, XRP, ETH)
 - ✓ Highly reliable system, low bid-ask spread, and meeting security requirement such as AML/KYC
 - Trading system leveraging the existing IIJ Raptor:
 - ✓ Top share ASP FX (Foreign Exchange) system in Japan, proving to more than 10 major Japanese financial institutions.
 - ✓ Core-engine, dealing system, connecting multiple FX exchanges, investor service platform, operator management function etc.
 - ✓ Approx. 70% of DeCurret service system is leveraged from the existing IIJ Raptor system

Digital Currency Settlement Platform Business

Executing many and various PoCs with business partners and shareholders

KDDI	Automated digital currency settlement
Kansai Electric Power	Automated settlement of P2P electricity trading
DAIDO LIFE INSURANCE	Use digital currency for BtoB transaction
TOYOTA SYSTEMS	Automated settlement for employee benefit programs
Local governments	Digital coupon systems

And many more

◆ Active discussion with core players on how to set up digital currency platform infrastructure in Japan

- Digital Currency Study Group: From June to September 2020
 - Members: Mega banks, Seven Bank, JR East, KDDI, NTT Group, FSA, MIC, Bank of Japan, MOF, METI etc.
- The Study Group developed into Digital Currency Forum
 - Members: the Study Group members and leading companies from various industries
 - Main discussion topics: examination of practicality of digital currencies in each use case, requirement definition, design, and development of common and additional areas, identification of issues and solutions for the actual operation of digital currencies, and creation of standards

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Business through affiliated companies: FinTech Business (2)



Shareholders of DeCurret (30 companies)

Internet Initiative Japan Inc. BIC CAMERA INC.

ITOCHU Corporation Mitsui Sumitomo Insurance Company, Limited

QTnet, Inc. Sumitomo Mitsui Banking Corporation

OPTAGE Inc. Mitsui Fudosan Co., Ltd.

KDDI CORPORATION The MUFG Bank

KONAMI HOLDINGS CORPORTAION Meiji Yasuda Insurance Company

SUMITOMO LIFE INSURANCE COMPANY YAMATO HOLDINGS CO., LTD.

Sompo Holdings, Inc. ITOCHU Techno-Solutions Corporation

The Dai-ichi Life Insurance Company, Limited CHUBU Electric Power Co., LTD.

DAIDO LIFE INSURANCE COMPANY DENTSU INC.

Daiwa Securities Group Inc. Hankyu Hanshin Holdings, Inc.

Tokio Marine & Nichido Fire Insurance Co., Ltd. MATSUI SECURITIES CO.,LTD.

Nippon Life Insurance Company Energia Communications, Inc.

Nomura Holdings, Inc. SOHGO SECURITY SERVICES CO.,LTD. (ALSOK)

East Japan Railway Company Toppan Printing Co., Ltd.

Source: DeCurret Webpage

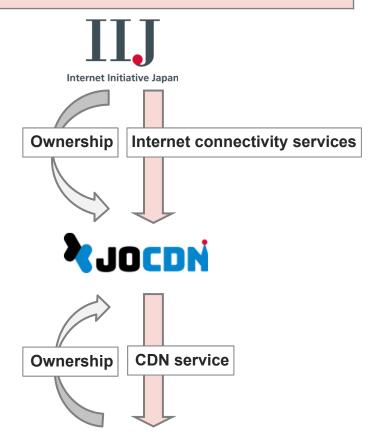
Company Profile

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

◆ Conditions led to create All Japan CDN company

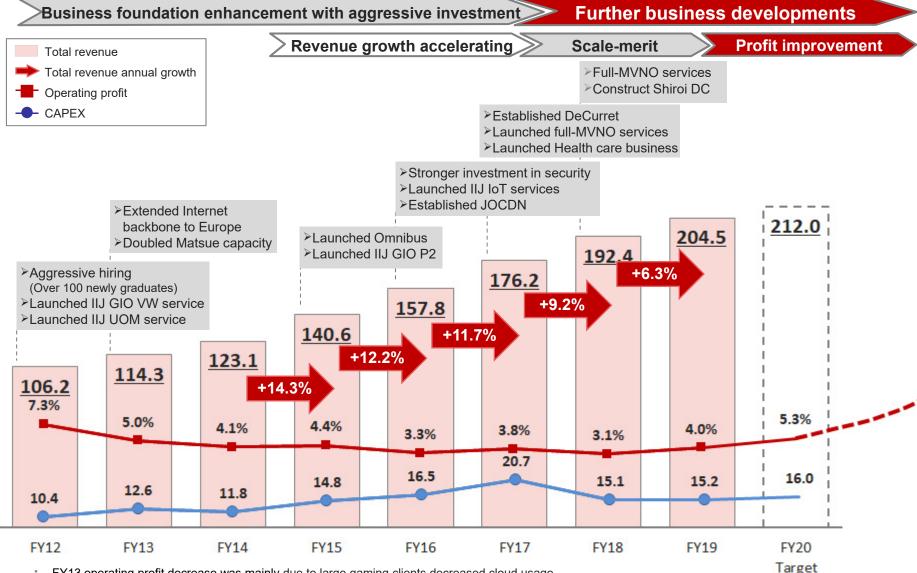
- Akamai Technologies (global leader in CDN services, US company) has had quite dominant position in Japan's CDN market
- Growing needs to distribute contents over Internet (4K/8K contents to increase towards the Tokyo Olympics)
- > Broadcasting companies distributing contents via Internet
 - Nippon TV owns Hulu Japan
 - Broadcasting companies operate "TVer" (web platform operated by Japanese broadcasters where users can watch some TV programs for free)
- > 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
- ◆ Equity method gain related to JOCDN: 1H20 ¥6 million, turned positive as planned, business developments in line with plan

Business Model





CDN: Contents Distribution Network



- FY13 operating profit decrease was mainly due to large gaming clients decreased cloud usage.
- FY18 operating profit decrease was because small Docomo's unit price revision made our network service gross profit decrease significantly
- FY16 and before: US-GAAP, FY17 and after: IFRS
- * Total revenue annual growth rate for FY17 revenue (IFRS) is calculated with FY16 revenue (US GAAP)

1H20

5.24

(5.2%)

Revised

6.1

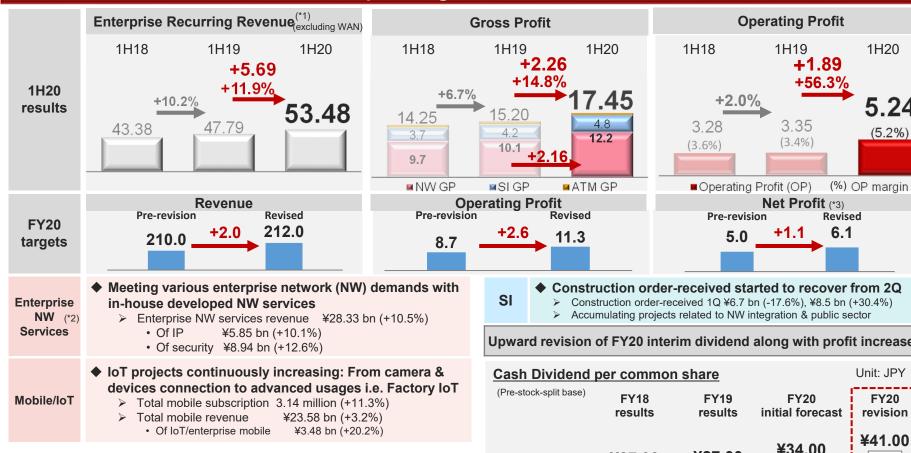
(2-for-1, Dec. 31, 2020)

Upward Revision: FY20 Financial Target & Dividend Forecast Stock Split Announced

As IT utilization becomes Main stream adoption in Japan,

Enterprise Recurring Revenue accumulation contributed to profit expansion, SI demands also recovered

1H20: Revenues ¥101.7 bn +2.5% Operating Profit ¥5.2 bn +56.3% Net Profit ¥2.8 bn+57.7%



(*1) Enterprise recurring revenue: Sum of Internet Connectivity Services (Enterprise) excluding MVNE. Outsourcing Services and Systems Operation and Maintenance. It does not include WAN Services which had specific factor. (*2) Enterprise NW services revenue: Sum of Internet Connectivity Services (Enterprise) excluding MVNE, and Outsourcing Services. It does not include WAN Services which had specific factor. (*3) Net profit is "Profit for the period/year attributable to owners of the parent"

Construction order-received started to recover from 2Q

Accumulating projects related to NW integration & public sector

Upward revision of FY20 interim dividend along with profit increase



FY20 Financial Targets (revised on Nov. 9, 2020)

	% of Revenues	% of Revenues			% of Revenues	% of Revenues
	New FY20 Target (revised Nov. 9, 2020)	FY19 Results	YoY		Old FY20 Target (announced on May 14, 2020)	1H20 Results
	Apr. 2020 - Mar. 2021	Apr. 2019 - Mar. 2020			Apr. 2020 - Mar. 2021	Apr. 2020 - Sep. 2020
Revenues	212.0	204.5	+3.7%	+7.5	210.0	101.7
	82.9%	84.1%			83.9%	82.8%
Cost of Sales	175.7	171.9	+2.2%	+3.8	176.1	84.2
	17.1%	15.9%			16.1%	17.2%
Gross Profit	36.3	32.6	+11.4%	+3.7	33.9	17.5
	11.8%	11.9%			12.0%	12.0%
SG&A etc. ^(*1)	25.0	24.4	+2.6%	+0.6	25.2	12.2
	5.3%	4.0%			4.1%	5.2%
Operating Profit	11.3	8.2	+37.4%	+3.1	8.7	5.2
Shares of profit (loss) of investments accounted for using	(0.9)	(0.8)	_	-0.1	(0.6)	(0.4)
equity method investees	4.7%	3.5%	-	-0.1	3.8%	4.4%
Profit before tax	10.0	7.2	+39.7%	+2.8	8.0	4.5
	2.9%	2.0%			2.4%	2.7%
Net Profit (*2)	6.1	4.0	+52.2%	+2.1	5.0	2.8
Annual Cash Dividend('3)	¥41.00	¥27.00	+51.9%	+¥14.00	¥34.00	¥20.50

Revenues	Enterprise recurring revenue exceeding the budget. Consumer revenue weaker than the initial expectation
Operating Profit	Compared with the initial expectation, network services gross profit to largely increase, SI gross profit to increase, and SG&As to increase not as much
Profit before tax	While the initial expectation for equity method loss related to DeCurret was ¥0.8 billion, due to the change in the ratio used to calculate equity method loss/gain (from 30.0% to 41.6%) ¥0.3 billion is to be added to the loss. 1H20 results of ¥0.14 billion of loss on funds (mainly foreign-exchange-related) is taken into consideration
Annual Cash Dividend	Revised upward along with profit increase. Interim dividend is revised upward too

^(*1) SG&A etc. shows the sum of SG&A, which includes R&D expenses, and other income/expenses.

^(*2) Net Profit is "Profit for the year (period) attributable to owners of the parent."

^(*3) Annual cash dividend is per common share and is written pre-stock-split base.
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Upward Revision of Dividend (pre-stock-split base)

 Dividend increased from interim, exceeding the initial forecast

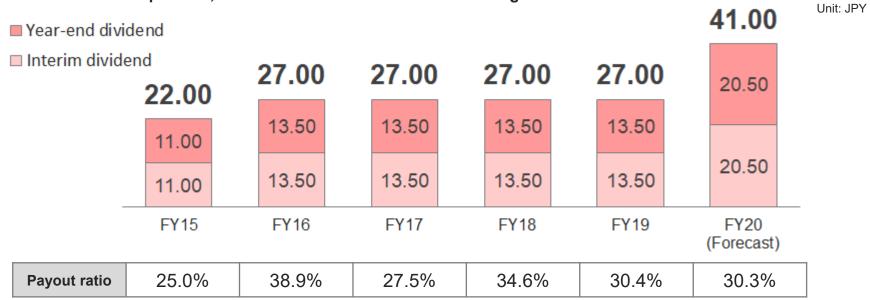
Unit: JPY Initial **FY19** Revision YoY results forecast Interim 13.50 17.00 20.50 +7.00 Year-end 13.50 17.00 20.50 +7.00 34.00 Full year 27.00 41.00 +14.00

Stock Split

- Stock split ratio: 2-for-1
- **♦** Effective date: January 1, 2021
 - Record date: December 31, 2020

Cash Dividend per common share (pre-stock-split base)

 Our basic dividend policy is that we pay dividends to our shareholders continuously and in a stable manner while considering the need to have retained earnings for the enhancement of financial position, medium-to longterm business expansion, future business investment and other goals.



^{*}FY16 and before: US-GAAP, FY17 and after: IFRS

^{*}Along with the stock split, ADR ratio will be 1 common stock = 1 ADR

Mobile Unit Charge

- ◆ Mobile unit charge is a unit charge used when MVNOs such as IIJ purchase mobile infrastructure from MNOs such as NTT Docomo. The charge is same flat-rate for all MVNOs leasing from the same MNOs.
- Mobile unit charge YoY change

Applied Fiscal Year	FY17	FY18	FY19	FY20	FY21	FY22
Base Fiscal Year	Calculated based on MNO's FY16 actual cost and demand	Calculated based on MNO's FY17 actual cost and demand	Calculated based on MNO's FY18 actual cost and demand	Calculated based on MNOs' outlook for FY20, FY21, and FY22 cost and demand. Disclosed in March 2020		
Method	Actual Cost Method			Future Cost method		
Docomo	-18.2%	-5.0%	-6.0%	-16.0%	-19.8% ecrease by 43.3% in to	-15.9% otal
KDDI	-10.8%	-20.2%	-13.3%	-38.0% De	-15.4% ecrease by 52.1% in to	-8.6% otal

(*) FY20 decrease rate: FY20 unit charge (based on FY20 actual cost) divided by FY19 unit charge (based on FY2018 actual cost)

♦ About future cost method:

- Revised from the previous method, calculate unit charge by using cost results, to method using predicted figures such as future cost
- FY21, FY22, and FY23 mobile unit charge are expected to be announced around February and March 2021 by MNOs

◆ Reduce uncertainty about financial outlook

Recognize cost based on unit charge presented and calculated by MNOs prediction from 1Q. If actual differs from predicted, such
difference will be recognized in a following fiscal year

Calculation method & factors remain unchanged:

Mobile unit charge (Mbps) = (Data communication cost + profit) /demand

The MIC announced in Oct. 2020 "Action Plan for setting up fair competition for mobile market"

- Further lowering mobile unit charge (Starting this FY and in the next 3 years, 50% lower than the previous FY)
 (Begin consideration from this FY)
 Promotion of eSIM (Announce policies by summer 2021)
- Further lowering voice wholesale charge (Publish study results by summer 2021) Steps to lower switching costs
- Promotion of unlocking SIM (Implement study group from fall 2020)

and others

Further Business Developments (New DC Construction)

IIJ Data Centers

- > Operating 21 data centers in Japan (as of Mar. 2019)
 - 20 data centers are leased from data center owners per space
 - ✓ Continuously expanding the facility to meet demands
 - Own 1 data center: Matsue Data Center Park (Shimane prefecture)
 - ✓ Japan's first container-type data center using outside-air cooling system
 - ✓ Opened in Apr. 2011, accommodate approx. 500 racks

New Data Center Profile

Name	Shiroi Data Center Campus		
Address	Shiroi city, Chiba prefecture		
Land	Approx. 40,000m² (already acquired)		
Racks	Can accommodate up to 6,000 racks • Phase 1: approx. 1,000 racks with approx. JPY8.0 bn CAPEX		
Accommodation	Service facility, data center housing services etc. • Mainly to meet the middle-to-long term eastern Japan data center demand		
Investment	FY18 approx. JPY3.0 bn (power receiving facility, common facility racks etc.)		
Plan	Gradually place system module-based*1 facility accordingly with demand		
Schedule	Completed in April 2019, opened in May 2019		
Estimated PUE*2	Less than Matsue DCP's 1.2		

- *1 Construction method systematizing the overall building production by standardizing the components used in the buildings' construction. This allows shorter construction times, cost saving, and flexible scalability while maintaining quality
- *2 Power Usage Effectiveness is a metric, calculated by dividing overall data center power consumption by IT equipment power consumption, indicates the efficiency of power use at data centers. The smaller the figure, the lower the percentage of power consumed by equipment other than IT devices.

Purposes

- Integrate racks, currently spread out in the eastern Japan area's data centers
 - Future cost should be approx. 20% lower than continuously expanding leasing space and with improved operation productivity
- Absorb increasing rack demand along with further penetration of cloud & IoT
- Competitive advantages with latest technologies
 - Improved facility with outside-air cooling technology & Al for cooling & energy control, and automated operations with robotics technology etc.

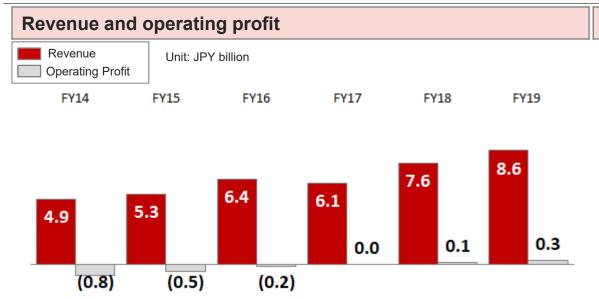
New Data Center Image



Impact on IIJ's consolidated financial results

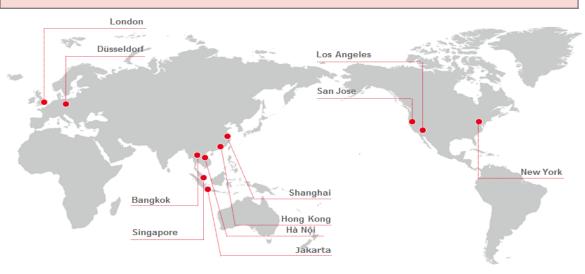
- While CAPEX and cash flow will be impacted, this is without new investment return risk because it's an integration of our current service facilities
- Suppress incremental cost and ensure business expansion scalability for the future

Overseas Business



- FY16 and before: US-GAAP, FY17 and after: IFRS
- Revenue mostly recognized in SI

Overseas offices



Business Developments

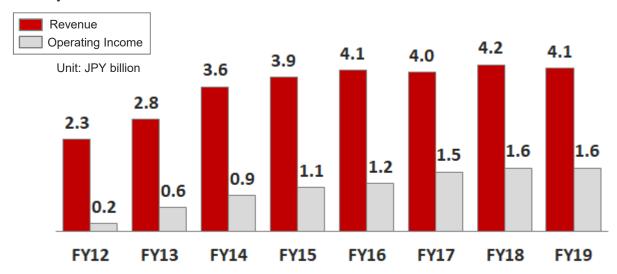
- ➤ Started focusing on overseas business around FY2011 when Japanese companies who were started expand their business overseas and requested us to provide the same service quality we offer in Japan
- > Business in Asia: gradually growing
 - Increasing demand for NW, SI and etc. in China and Thailand, related to Japanese customers
 - Indonesia: Large public infrastructure SI project, cloud business gradually growing
 - Vietnam: Cybersecurity Law (Jan. '19),
 Opened another facility in Hanoi in addition to existing Ho Chi Min
- Provide cloud services in Indonesia, Thailand and Vietnam. Working with local prominent IT companies
 - With Biznet Networks in Indonesia (from March 2015)
 - With T.C.C. Technology Co., Ltd, in Thailand (February 2016)
 - With FTP Telecom Partner in Vietnam (November 2016)

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
 - 10,596 Pachinko parlors in Japan as of December 31, 2017 (source: National Police Agency)
- Receive commission for each withdrawal transaction

Revenue and Operating Income

H20 revenue decreased by ¥706 million (-33.6%) YoY as the stores we had placed ATMs were closed temporally and fewer customers visited the stores due to the COVID-19 pandemic and stay-at-home-order. The profit decrease during April and May were severe, as expected. The stores started reopening from June. As for the latter half of FY20, we expect the number of placed ATMs to decrease by around 200 YoY. We shall maintain the number of ATMs afterwards.



FY16 and before: US-GAAP, FY17 and after: IFRS

Trust Networks Inc.

- In charge of ATM operation business
- > IIJ's ownership: 80.6%
- > Established in 2007





Sustainability

Corporate Governance

♦ Fully Comply with the J-SOX

- Implemented outside directors since 2004
- Operate based on J-SOX (Japan's Financial Instruments and Exchange Law), Japanese version of Sarbanes-Oxley
- Evaluate the effectiveness of internal control over financial reporting based on Japanese standard overseen by the Financial Service Agency (FSA) of Japan

Directors with abundant experience

- 5 outside directors among 13 BOD members,7 independent directors among 17 directors & auditors
- Outside directors

T. Tsukamoto Former Chairman of Mizuho Bank

K. Tsukuda Former Chairman of Mitsubishi Heavy Industries

S. Oda Former President of HP Japan
T. Okamura Former Chairman of Toshiba

S. Umino Former President of NTT Comware

- Board of Auditors
 - Consisted of CPA, Attorney, female auditor

♦ Director compensation

- Based mainly on base salary, stock option: 8-14%
- Annual compensation within JPY100 million range

Business Operation Covering the entire Group

- ➤ 16 subsidiaries, 9 equity method investees (as of Mar. 2020)
- Implement group-wide Code of Ethics
- Pursue comprehensive business operation by assigning IIJ directors as group companies outside directors
- Consolidated-based internal audit

ESG in the nature of IIJ business

Have been contributing greatly to establish & expand Internet in Japan as the first comprehensive ISP in Japan

Environment

- Contribute significantly by operating stable and reliable Internet
- Have developed container-based data center which emits much lesser Carbon dioxide compared to traditional building type DCs.

> Social

- Focus on providing a working environment that lets employees to pursue their interested subjects related to network in addition to protecting human rights, health and safety, work-life balance, antidiscrimination.
- First in Japan to introduce Service Level Agreement on categories of availability, latency, packet loss, and outage notification

Governance

- Board of Auditors is liaison of Whistle-blower system
- Established code of ethics, regulations to prevent insider-trading, protection of personal information



First six months for FY2020 (1H20) Consolidated Financials Results

Announced on November 9, 2020

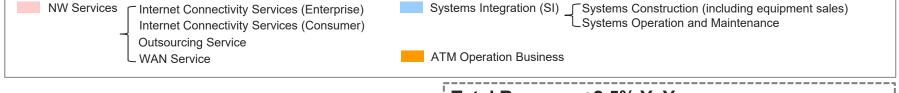
	% of revenue	% of revenue		
	1H20 results	1H19 results	YoY	
	Apr. 2020 - Sep. 2020	Apr. 2019 - Sep. 2019		
Revenue	101.7	99.2	+2.5%	+2.4
	82.8%	84.7%		
Cost of Revenue	84.2	84.0	+0.2%	+0.2
	17.2%	15.3%	701270	- 0.2
Gross Profit	17.5	15.2	+14.8%	+2.3
	12.0%	11.9%		
SG&A etc. ^(*1)	12.2	11.8	+3.1%	+0.4
	5.2%	3.4%		
Operating Profit	5.2	3.4	+56.3%	+1.9
	4.4%	3.1%		
Profit before tax	4.5	3.0	+46.7%	+1.4
	2.7%	1.8%		
Net Profit ^(*2)	2.8	1.8	+57.7%	+1.0

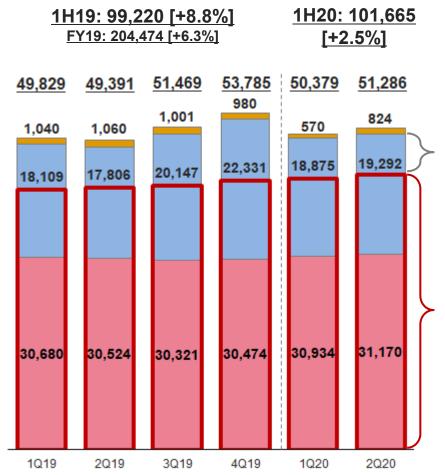
% of revenue	% of revenue			
Old FY20 Targets	New FY20 Targets	Yo	ρY	
(announced May 14, 2020)	(revised Nov. 9, 2020)			
Apr. 2020 - Mar. 2021	Apr. 2020 - Mar. 2021			
210.0	212.0	+3.7%	+7.5	
	3			
83.9%	82.9%			
176.1	175.7	. 0. 00/		
		+2.2%	+3.8	
16.1%	17.1%			
33.9	26.2	- 4 4 40/		
33.3	36.3	+11.4%	+3.7	
12.0%	11.8%			
25.2	25.0			
25.2	25.0	+2.6%	+0.6	
4.1%	5.3%			
0.7	44.0			
8.7	11.3	+37.4%	+3.1	
3.8%	4.7%			
~ ^	400			
8.0	10.0	+39.7%	+2.8	
2.4%	2.9%			
5.0	6.1	+52.2%	+2.1	

^(*1) SG&A etc. shows the sum of SG&A, which includes R&D expenses, and other income/expenses.

^(*2) Net profit is "Profit for the period/year attributable to owners of the parent."







Total Revenue +2.5% YoY

Total revenue grew despite the following negative factors:

- ➤ WAN Service: -14.0%, -¥2,007 million YoY due to YoY impact of the certain large clients' migration to mobile which ended 3Q19
- ➤ ATM Operation Business: -33.6%, -¥706 million YoY mainly due to store closures and decrease in customers visiting stores

One-time Revenue (*1)

1H20: ¥13,020 million, -5.3% YoY (12.8% of 1H20 revenues)

- Sluggish revenue growth for 1Q systems construction due to the pandemic
- > 1Q -9.6%, 2Q -0.5% YoY

Recurring Revenue (*2)

1H20: ¥87,251 million, +4.7% YoY (85.8% of 1H20 revenues)

Recurring revenue excluding WAN: 1H20 ¥74,916 million, +8.5% YoY (1Q +8.7%, 2Q +8.4%YoY)

Enterprise Recurring Revenue (*3)

1H20: ¥53,479 million, +11.9% YoY

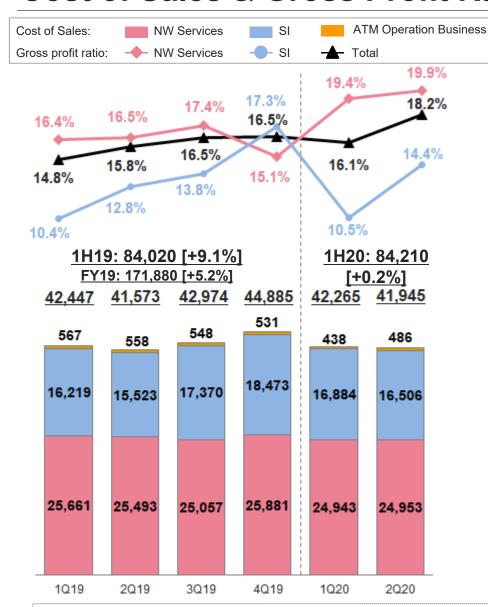
(52.6% of 1H20 revenues)

> 1Q +11.5%, 2Q +12.3%YoY

(*1) One-time revenue, systems construction revenues which includes equipment sales, is mainly recognized when systems or equipment are delivered and accepted by customers (*2) Recurring revenue represent the following monthly recurring revenues: Internet Connectivity Services for Enterprise, Internet Connectivity Services for Consumer, Outsourcing

(*2) Recurring revenue represent the following monthly recurring revenues: Internet Connectivity Services for Enterprise, Internet Connectivity Services for Consumer, Outsourcing Services, WAN Services, and Systems Operation and Maintenance

(*3) Enterprise recurring revenue: Internet Connectivity Services (Enterprise) excluding MVNE, Outsourcing Service and Systems Operation and Maintenance, which excludes WAN Services due to the impact of specific factor.



Gross Profit

♦ Total

- > 1H20: ¥17,455 million (+14.8%, +¥2,255 million YoY)
 - 1Q20: ¥8,113 million (+9.9%, +¥731 million YoY)
 - 2Q20: ¥9,342 million (+19.5%, +¥1,524 million YoY)

♦ NW Services

- > 1Q20: ¥5,991 million (+19.4%, +¥972 million YoY)
- > 2Q20: ¥6,217 million (+23.6%, +¥1,186 million YoY)
 - Largely expanded along with enterprise NW services revenue growth and mobile interconnectivity YoY decrease rate

♦ SI

- > 1Q20: ¥1,991 million (+5.4%, +¥101 million YoY)
- > 2Q20: ¥2,786 million (+22.0%, +¥502 million YoY)
 - 2Q gross profit ratio improved largely due to high SE utilization rate (1Q revenue tends to be small due to seasonal factors and 1Q gross profit ratio tends to be smaller than 4Q which revenue volume is large)

◆ ATM Operation Business

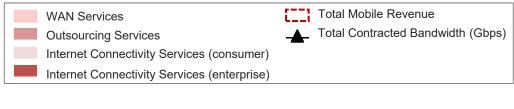
- ➤ 1Q20: ¥131 million (-72.2%, -¥342 million YoY)
- > 2Q20: ¥339 million (-32.6%, -¥164 million YoY)
 - 1H20 gross profit decreased along with 1H20 revenue decrease (-¥706 million YoY) due to store closure and stayat-home order due to the COVID-19. YoY profit decrease was vivid during April and May, yet the stores reopened from June

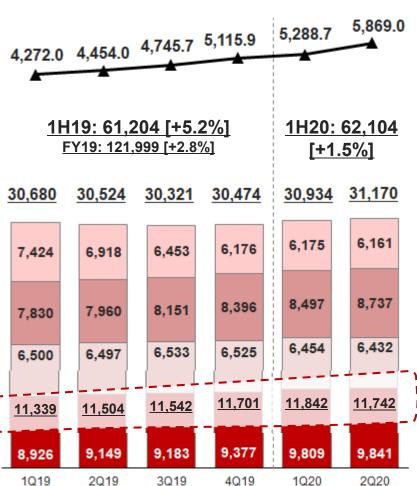
4Q19 NW services gross profit ratio temporarily decreased because the actual decrease rate, 6.0%, of Docomo's mobile interconnectivity telecommunications charge (fixed in Mar. 2020) was smaller than our estimate 8%, we had to recognized ¥0.35 billion(*) of additional cost in 4Q19. (*) Difference between our estimate and actual mobile interconnectivity and other charge of Docomo and KDDI

Network Services (1) Revenues

Unit: ¥ (JPY) million
[], YoY = Year over year comparison
QoQ = 2Q20 compared to 1Q20

Financials





 Total contracted bandwidth is calculated by multiplying number of contracts by contracted bandwidths respectively for IP service and broadband services which are both under Internet connectivity services for enterprise Meeting various network demand with in-house developed highly reliable & value-added services. Have been executing based on Zero Trust concept

Flex Mobility Virtual Desktop

ID authentication & federation Gate

Gateway security

Cloud Exchange

Remote Access

Private Access

Cloud Proxy

Endpoint etc.

◆Internet Connectivity (Enterprise)

- > 1H20: ¥19,650 million, +8.7% YoY
- IP (Dedicated connectivity services for enterprise):
 1H20: ¥5,849 million, +10.1% YoY (1Q +9.4% YoY, 2Q +10.8% YoY)
- IIJ Mobile (enterprise): ¥12,035 million, +8.1% YoY
- ✓ Of which, IoT-related (non-MVNE) revenue: 1H20: ¥3,484 million, +20.2% YoY (1Q +18.2%, 2Q +22.0% YoY)
- ✓ Of which, MVNE revenue: 1H20: ¥8,551 million, +3.9% YoY (1Q +7.5%, 2Q +0.3% YoY) 1H20-end MVNE clients: 155 (+2 clients YoY)

◆Internet Connectivity (Consumer) (mostly consumer mobile)

> 1H20: ¥12,886 million, -0.9% YoY, severe competition continued

◆ Outsourcing Services (in-house developed various NW services)

- > 1H20: ¥17,233 million, +9.1% YoY (1Q +8.5%, 2Q +9.8% YoY)
 - Of which, security services 1H20: ¥8,941 million, +12.6% YoY (1Q +11.9%, 2Q +13.1% YoY)

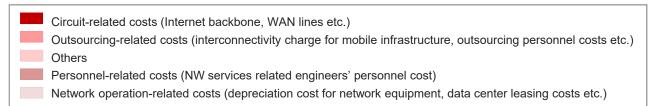
◆WAN Services

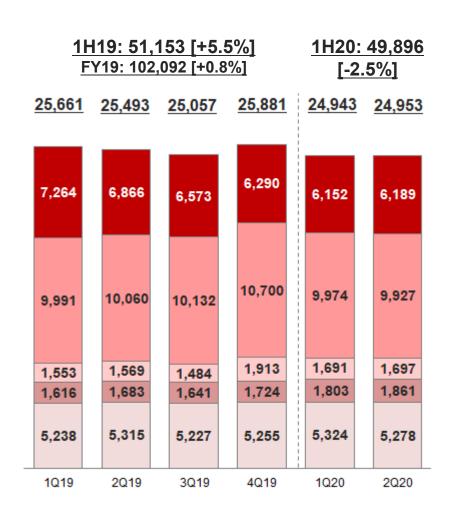
- > 1H20: ¥12,336 million, -14.0% YoY (1Q -16.8%, 2Q -11.0% YoY)
 - Revenue decreased by the impact of the certain large clients' migration to mobile which ended in 3Q19. QoQ decrease almost stopped

Network Services (2) Cost of Sales

Unit: ¥ (JPY) million
[], YoY = Year over year comparison
QoQ = 2Q20 compared to 1Q20

Financials





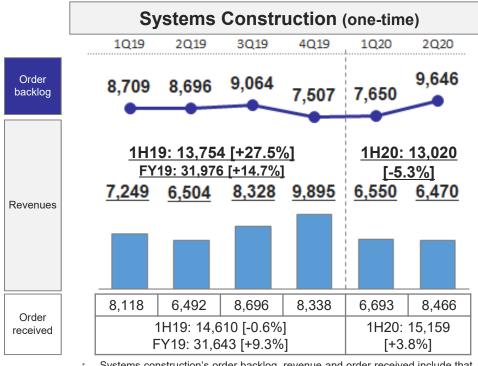
- Circuit-related costs decreased YoY along with WAN revenue decrease
 - 1H20: -12.7% YoY
- Outsourcing-related costs decreased along with mobile interconnectivity YoY decrease rate
 - Decreased QoQ as well, due to other mobile-related costs reduction
- > Others quarterly fluctuate along with the scale of supplies expenses
- > Network operation-related costs decreased QoQ mainly due to decrease in maintenance costs, etc.

♦ Regarding Docomo mobile interconnectivity cost recognition:

- Future cost method adopted from FY20(*). In this method, mobile interconnectivity telecommunications charge is calculated by MNOs' prediction for their future costs and etc.
 - $(\mbox{\ensuremath{^{\prime}}})$ The difference between prediction and result is adjusted to the next fiscal year
- Regarding our FY20 usage charge, we use 16.0% decrease, which has been publically disclosed by Docomo, to recognize our costs from 1Q20
 - FY19 usage charge, an internal number of FY20 usage charge, which is based on Docomo's results is expected to be fixed in Dec. 2020
- Regarding our FY19 & FY18 usage charge, Docomo's mobile interconnectivity telecommunications charge was fixed in Mar. 2020 and it decreased by 6.0% YoY. As for FY19, we recorded ¥0.35 billion(*) of additional cost in 4Q19 as a difference between our estimate (8% decrease) and actual (6.0% decrease) (*) Includes difference between our estimate and actual mobile interconnectivity and other charge of Docomo and KDDI

MNO: Mobile Network Operator

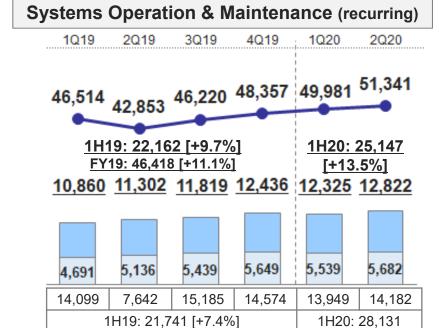
[+29.4%]



- Systems construction's order backlog, revenue and order received include that of equipment sales.
- Order received: 1H20 +3.8% YoY (1Q -17.6%, 2Q +30.4% YoY), order situation recovered in 2Q. Network integration project increasing
 - 1Q19 order received included a certain large scale project amounted to ¥2 billion
- Large-scale construction orders received in 2Q20
 - System infrastructure for teleworking for local governments
 - Online ticket system
 - Introduction of Microsoft 365 for a leading medical manufacturer
 - Integration of Website for a leading financial institution
 and others

♦ Overseas Business

- > FY2020 Target: Revenue ¥10 billion, Operating Profit approx. ¥0.3 billion
 - 1H20 results: Revenue: ¥3.85 billion, Operating profit: ¥0.12 billion
 - ✓ Accumulation of revenue mainly by service revenue. As for SI, shall continue to focus on order accumulation as some areas are still significantly impacted by the COVID-19



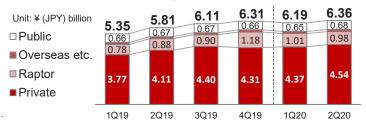
Revenue written within systems operation and maintenance revenue is cloud revenue that is recognized in systems operation and maintenance revenue.

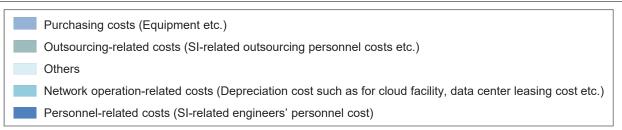
FY19: 51,500 [+13.6%]

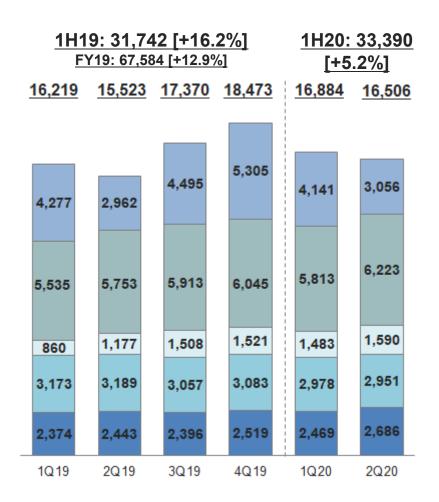
Revenue: 1H20 +13.5% YoY (1Q +13.5%, 2Q +13.4% YoY)

Cloud revenue

- 2Q20 Cloud revenue breakdown: 89.3% in systems operation & maintenance. 10.7% in outsourcing services
- Revenue: 1H20 ¥12.55 billion +12.4% YoY (1Q +15.6%, 2Q +9.5% YoY)
- FY20 revenue target ¥24.5 billion (FY19 revenue ¥23.58 billion). Progressing as expected (Strong revenue increase is not expected by the close of old facilities for services and equipment migration)
- Raptor (foreign currency exchange ASP system) revenue decreased QoQ as it was impacted by FX trading volume volatility







- 2Q gross profit ratio improved (1Q20 10.5%, 2Q20 14.4%) due to SI cost mixture (small purchasing costs and large outsourcing personnel costs) and high SE utilization rate
- Number of SI-related outsourcing personnel as of the end of each quarter:

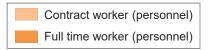
1Q19	2Q19	3Q19	4Q19	1Q20	2Q20
1,075	1,104	1,065	1,123	1,094	1,181

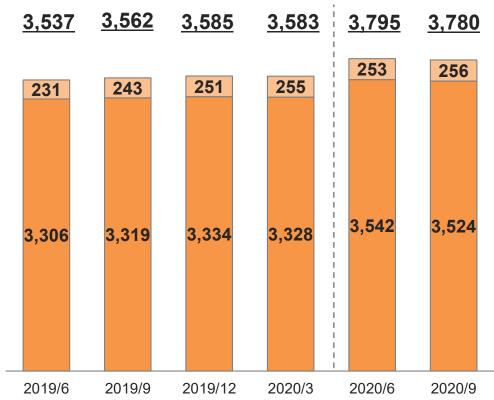
Others increased mainly due to an increase in license expenses along with expansion of multi-cloud demands

YoY = Year over year comparison QoQ = 2Q20 compared to 1Q20

Financials

Number of Employees





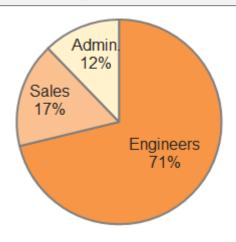
Personnel-related costs & expenses

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

1Q19	2Q19	3Q19	4Q19	1Q20	2Q20
6,402 (12.8%)	6,573 (13.3%)	6,443 (12.5%)	6,911 (12.8%)	6,835 (13.6%)	7,281 (14.2%)
	9: 12,975 (13 9: 26,329 (12		15 (13.9%) % YoY		

- Hired 210 new graduates in Apr. 2020 (171 in Apr. 2019, 175 in Apr. 2018)
- ➤ 191 new graduates are planned to join in Apr. 2021
- FY20 net addition of employees is planned to be approx. 290 (FY19 result: 230)

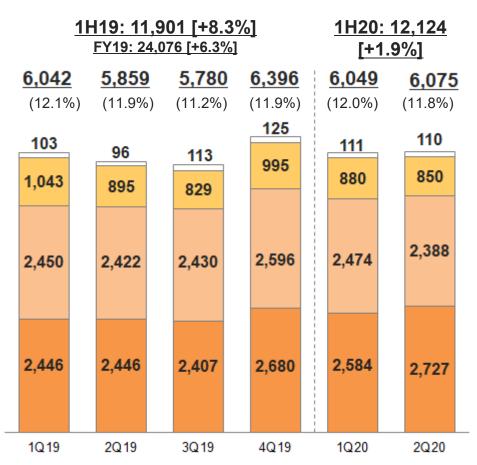
Employee Distribution



2Q20 personnel-related costs and expenses increased QoQ mainly due to additional employee bonus (based on financial results)

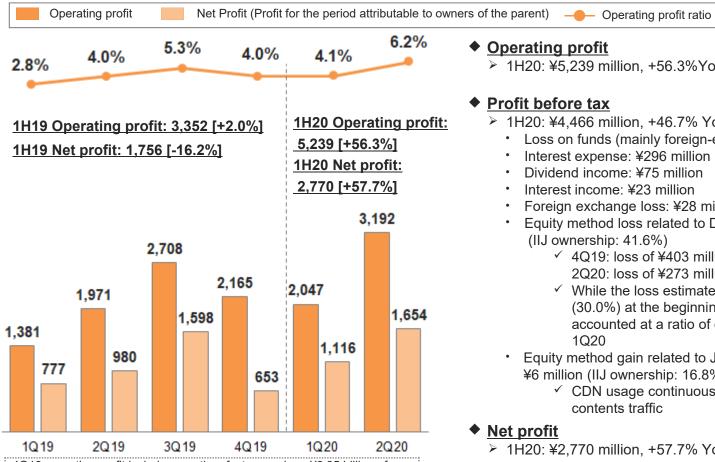
^{*} FY19 personnel-related costs and expenses increased temporarily due to revision of personnel remuneration structure





- Overall below our budget plan
 - Commission expenses decreased mainly due to the decrease in sales commission expenses related to mobile offerings
 - Others decreased as traveling expenses (domestic and abroad), advertising expenses and others were small due to work style reform and cost control

^{*} SG&A etc. in this slide shows the sum of SG&A which includes R&D expenses (not including other income/expenses)



4Q19 operating profit includes one-time factors such as ¥0.35 billion of additional cost regarding mobile interconnectivity, ¥0.36 billion of disposal loss, and ¥0.25 billion of additional allocation of bonus

Operating profit

> 1H20: ¥5,239 million, +56.3%YoY (1Q +48.2%, 2Q: +61.9% YoY)

♦ Profit before tax

- > 1H20: ¥4.466 million. +46.7% YoY (1Q +23.8%, 2Q +65.5% YoY)
 - Loss on funds (mainly foreign-exchange-related): ¥141 million
 - Interest expense: ¥296 million
 - Dividend income: ¥75 million
 - Interest income: ¥23 million
 - Foreign exchange loss: ¥28 million
 - Equity method loss related to DeCurret: ¥578 million (IIJ ownership: 41.6%)
 - ✓ 4Q19: loss of ¥403 million, 1Q20: loss of ¥306 million, 2Q20: loss of ¥273 million. Gradually decreasing
 - ✓ While the loss estimated was at a ratio of voting interests (30.0%) at the beginning of FY20, the loss were accounted at a ratio of ownership interests (41.6%) from 1Q20
 - Equity method gain related to JOCDN: Turned to positive, 1H20 ¥6 million (IIJ ownership: 16.8%)
 - ✓ CDN usage continuously increased due to increases in contents traffic

Net profit

> 1H20: ¥2,770 million, +57.7% YoY (1Q +43.8%, 2Q +68.8% YoY)

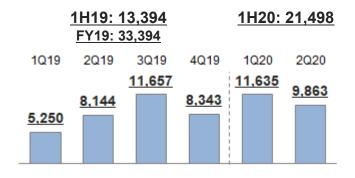
1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	
(124)	(51)	92	(177)	(74)	(286)	Finance income (expense), net
112	(245)	(234)	(439)	(279)	(135)	Share of profit (loss) of investments accounted for using equity method
(543)	(642)	(922)	(858)	(572)	(1,084)	Income tax expense
(49)	(53)	(46)	(39)	(6)	(34)	Less: Profit for the period attributable to non-controlling interests

Unit: ¥ (JPY) million

	Mar. 24, 2020	Son 20 2020	Changes
	Mar. 31, 2020	Sep. 30, 2020	Changes
Cash and cash equivalents	38,672	41,602	+2,931
Trade receivables	32,585	28,182	(4,403)
Inventories	2,476	2,547	+71
Prepaid expenses (current and non-current)	17,475	19,096	+1,621
Tangible assets	17,400	16,206	(1,194)
Right-of-use assets	50,560	48,144	(2,416)
Goodwill and intangible assets	24,363	23,783	(579)
Investments accounted for using the equity method	4,827	7,032	+2,205
Other investments	9,187	11,030	+1,843
Others	8,979	8,832	(147)
Total assets:	<u>206,524</u>	<u>206,455</u>	<u>(69)</u>
Trade and other payables	18,288	15,645	(2,643)
Borrowings (current and non-current)	27,750	26,835	(915)
Contract liabilities and Deferred income (current and non-current)	12,457	15,258	+2,801
Income taxes payable	2,284	1,811	(473)
Retirement benefit liabilities	3,985	4,154	+169
Other financial liabilities (current and non-current)	54,151	51,022	(3,129)
Others	7,553	7,915	+362
Total liabilities:	<u>126,467</u>	<u>122,640</u>	(3,827)
Share capital	25,531	25,531	-
Share premium	36,271	36,355	+84
Retained earnings	16,501	18,914	+2,413
Other components of equity	2,670	3,925	+1,255
Treasury shares	(1,897)	(1,875)	+22
Total equity attributable to owners of the parent:	79,076	, i	+3,774

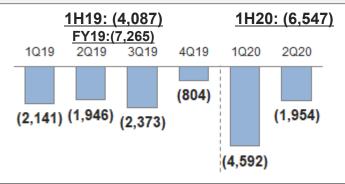
Ratio of total equity attributable to owners of the parent: 38.3% as of March 31, 2020, 40.1% as of September 30, 2020

Operating Activities



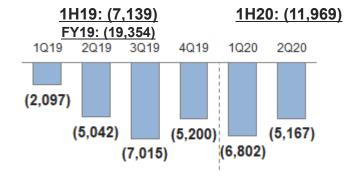
	Major Breakdown	YoY Change
Profit before tax	4,466	+1,423
Depreciation and amortization	14,156	-144
Equity method loss (gain)	414	+280
Changes in operating assets and liabilities	4,022	+6,969
Income taxes paid	(2,045)	-716

Investing Activities



	Major Breakdown	YoY Change
Purchase of tangible assets	(2,754)	+2,034
Proceeds from sales of tangible assets	1,448	+630
Purchase of intangible assets such as software	(2,772)	-350
Purchase of investments accounted for using equity method	(2,754)	-2,256

Financing Activities



	Major Breakdown	YoY Change
Repayment of long-term borrowings	(915)	-165
Payments of other financial liabilities	(10,390)	-160
Dividends paid	(609)	-0

CAPEX

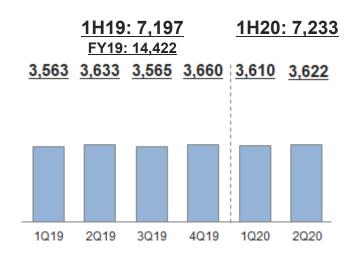
Cash CAPEX Finance lease

1H19: 7.994 1H20: 7,295 FY19: 15,150 4,464 3,530 3,690 3,466 3,234 4,060 1,608 3,273 ,507 1,765 2,453 2,291 2,183 1,701 1,375 1,191 1Q19 2Q19 3Q19 4Q19 1Q20 2Q20

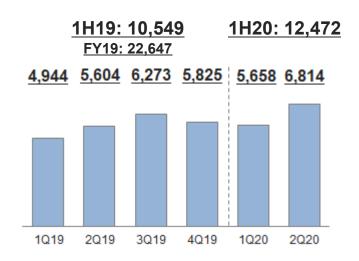
FY20 CAPEX is planned to be around ¥16 billion including ¥3 billion of additional placement of modules for Shiroi data center

- Total amount of capital expenditure are 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, smallamount 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

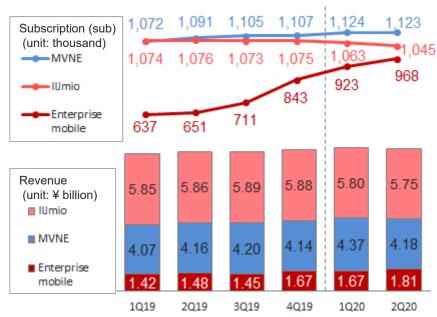


% = Year over year comparison bn = billion

Financials

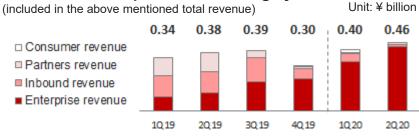
Mobile Revenue & Subscription

- ◆ Subs. & revenue continuous growth led by enterprise
 - ➤ 1H20-end total subscription: 3.140 million (+11.3%)
 - > 1H20 total revenue: ¥23.58 billion (+3.2%)



- MVNE: IIJ Mobile MVNO Platform Services
- Enterprise mobile: Deducting MVNE from IIJ Mobile

◆ Full-MVNO: enterprise revenue largely increased



- 2Q20 full-MVNO revenue recognition: 95.9% IIJ Mobile, 4.1%IIJmio
- Partner revenue: IMSI revenue for overseas enterprises such as travel agencies
- Inbound revenue: Pre-paid SIM revenue for foreign visitors

- ◆ Enterprise mobile: High revenue growth rate continued Accumulating demands for web meeting and remote access
 - Revenue 1H20: ¥3.48 bn, +20.2% YoY (1Q +18.2%, 2Q +22.0% YoY)
 - Launched 5G (au) services from Oct. 2020

♦ MVNE:

- Revenue 1H20: ¥8.55 bn, +3.9% YoY (1Q +7.5%, 2Q +0.3% YoY)
- Smaller than expected impact regarding a large MVNE client switching to another MVNO due to M&A
- Consumer: Sluggish growth due to severe competition, differentiating with eSIM plans etc.
 - Revenue 1H20: ¥11.55 bn, -1.4% YoY (1Q -1.0%, 2Q -1.8% YoY)
 - SIM type share (As of June 2020, published by the MIC in Sep. 2020) Rakuten Mobile 16.3%, IIJ 13.7%, NTT Communications 10.8%

Security services revenue (recurring)

◆ Conventional services of gateway mail & web services and DDoS protection services continued to grow. Adding demands for managed WAF services and end point security services



- 100% of security service revenue is recognized in outsourcing
- ◆ Total security business volume (sum of service and SI)
 - > 1H20: ¥10.31 billion (+12.0%)

Service & Business Developments: Mobile Unit Charge

♦ Mobile unit charge YoY change

Applied Fiscal Year	FY17	FY18	FY19	FY20	FY21	FY22	
Base Fiscal Year	Calculated based on MNO's FY16 actual cost and demand	Calculated based on MNO's FY17 actual cost and demand	Calculated based on MNO's FY18 actual cost and demand	Calculated based on MNOs' outlook for FY20 cost and demand. Disclosed in Mar		· · · · · · · · · · · · · · · · · · ·	
Method	,	Actual Cost Method	d	Future Cost method			
Docomo	-18.2%	-5.0%	-6.0%	-16.0% -19.8% Decrease by 43.3%		-15.9% total	
KDDI -10.8%		-20.2%	-13.3%	(*) -38.0% Dec	-15.4% crease by 52.1% in	-8.6% total	

^(*) FY20 decrease rate: FY20 unit charge (based on FY20 actual cost) divided by FY19 unit charge (based on FY2018 actual cost)

♦ About future cost method:

- Revised from the previous method, calculate unit charge by using cost results, to method using predicted figures such as future cost
- FY21, FY22, and FY23 mobile unit charge are expected to be announced around February and March 2021 by MNOs

◆ Reduce uncertainty about financial outlook

Recognize cost based on unit charge presented and calculated by MNOs prediction from 1Q. If actual differs from predicted, such
difference will be recognized in a following fiscal year

◆ Calculation method & factors remain unchanged: (Data communication cost + profit) /demand

The MIC announced in Oct. 2020 "Action Plan for setting up fair competition for mobile market"

- Further lowering mobile unit charge (Starting this FY and in the next 3 years, 50% lower than the previous FY) (Begin consideration from this FY)
- Further lowering voice wholesale charge (Publish study results by summer 2021)
- Promotion of unlocking SIM (Implement study group from fall 2020)
- Promotion of eSIM (Announce policies by summer 2021)
- Steps to lower switching costs

and others

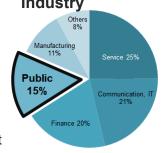
IoT Business > Introducing TOYOTA MOTOR HOKKAIDO's factory IoT Providing closed mobile connectivity and cloud services for virtualize and analyze facility utilization information **Factory** Launched "IIJ Industrial IoT Secure Remote IoT Management" in Aug. 2020 Solution to reduce factory facility maintenance cost and improve productivity Incorporating WISE-PaaS by Advantech, global leader in industrial computer manufacturer IoT for > In-store environment sensing for a major retailer Mainten Deliver humanless operation for daily check-ups such as room temperature ance > Continue to introduce ICT system for paddy water Agri. IoT management to farmers to save energy consumption (Prefectures such as Shizuoka, Gifu, Hokkaido, Osaka etc.) > Provide care services using sensors through necolico Home (JV with Chubu electricity) IoT Executing trial study on frail with Japan Data Science Consortium and University of Tokyo by using AI and electricity data

Sales Activity for Public Sector

Major projects

- Enhance remote access for central government agencies
- Promote telework environment for local governments
 - Hyogo Pref. Kumamto City etc.
- 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 etc.

♦ Revenue by Clients Industry



- Based on IIJ's FY2019
- Others include real estate. construction, & commercial

DeCurret

◆ Executing settlement-related PoCs with partners

- KDDI: Automated digital currency settlement
- > Tokio Marine & Nichido Fire Insurance: Automated insurance contracts process
- Kansai Electric Power: Automated settlement of P2P electricity
- ➤ DAIDO LIFE INSURANCE: Use digital currency for BtoB transaction
- > TOYOTA SYSTEMS: Automated settlement for employee benefit programs
- Local governments: Digital coupon systems
- ◆ Study group with Mega banks, FSA, BOJ and others on digital currency infrastructure
- Cryptocurrency trading business starting up
- Equity method loss related to DeCurret:
 - ➤ 4Q19: ¥403 million, 1Q20: ¥306 million, 2Q20: ¥273 million (IIJ ownership: by 4Q19 30.0%, from 1Q20 41.6%)

CDN Business

◆ JOCDN (IIJ ownership: 16.8%) CDN Services

- > Turned positive (equity method loss/gain) in 1H20 progressing as expected
- Continuously providing CDN services to large contents holders such as TVer and Hulu. Large volume of contents traffic

♦ IIJ: Streaming Services

- ➤ Launched contents streaming platform service "IIJ Media Sphere Services" in Nov. 2020
 - Service packaging related functions provided on individual bases. Meeting streaming demands by contents holder, business enterprises, central governments, educational institutions and others

FY2020 Financial Targets (Revised on Nov. 9) Unit: ¥ (JPY) billion except annual cash dividend YoY = Year over year YoY = Year over year

	% of Revenues	% of Revenues			% of Revenues	% of Revenues
	New FY20 Target (revised Nov. 9, 2020)	FY19 Results	Yo	Υ	Old FY20 Target (announced on May 14, 2020)	1H20 Results
	Apr. 2020 - Mar. 2021	Apr. 2019 - Mar. 2020			Apr. 2020 - Mar. 2021	Apr. 2020 - Sep. 2020
Revenues	212.0	204.5	+3.7%	+7.5	210.0	101.7
	82.9%	84.1%			83.9%	82.8%
Cost of Sales	175.7	171.9	+2.2%	+3.8	176.1	84.2
	17.1%	15.9%			16.1%	17.2%
Gross Profit	36.3	32.6	+11.4%	+3.7	33.9	17.5
	11.8%	11.9%			12.0%	12.0%
SG&A etc.(*1)	25.0	24.4	+2.6%	+0.6	25.2	12.2
	5.3%	4.0%			4.1%	5.2%
Operating Profit	11.3	8.2	+37.4%	+3.1	8.7	5.2
Shares of profit (loss) of						
investments accounted for using equity method investees	(0.9)	(0.8)	-	-0.1	(0.6)	(0.4)
	4.7%	3.5%			3.8%	4.4%
Profit before tax	10.0	7.2	+39.7%	+2.8	8.0	4.5
	2.9%	2.0%			2.4%	2.7%
Net Profit (*2)	6.1	4.0	+52.2%	+2.1	5.0	2.8
Annual Cash Dividend(13)	¥41.00	¥27.00	+51.9%	+¥14.00	¥34.00	¥20.50

Revenues	Enterprise recurring revenue exceeding the budget. Consumer revenue weaker than the initial expectation
Operating Profit	Compared with the initial expectation, network services gross profit to largely increase, SI gross profit to increase, and SG&As to increase not as much (reference: page 21)
Profit before tax	While the initial expectation for equity method loss related to DeCurret was ± 0.8 billion, due to the change in the ratio used to calculate equity method loss/gain (from 30.0% to 41.6%) ± 0.3 billion is to be added to the loss. 1H20 results of ± 0.14 billion of loss on funds (mainly foreign-exchange-related) is taken into consideration
Annual Cash Dividend	Revised upward along with profit increase. Interim dividend is revised upward too (reference: page 22)

^(*1) SG&A etc. shows the sum of SG&A, which includes R&D expenses, and other income/expenses.

^(*2) Net Profit is "Profit for the year (period) attributable to owners of the parent." (*2) Net Profit is "Profit for the year (period) autiputable to owners of the period o

FY2020 Operating Profit Target

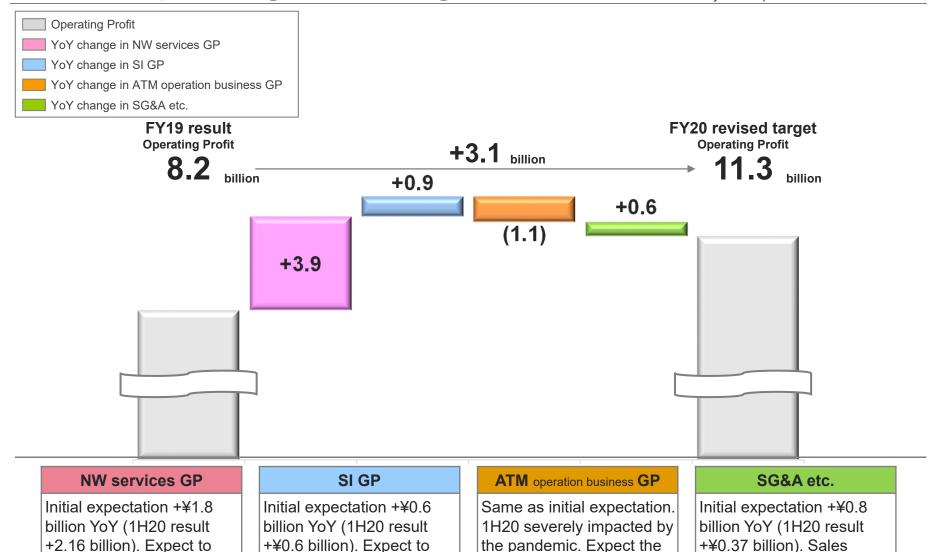
increase with accelerated

enterprise recurring

revenue accumulation

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

Financials



commission expenses,

travel expenses and others

are expected to decrease

number of placed ATMs to

Shall maintain the number

of placed ATMs afterwards

decrease by 200 YoY.

increase with favorable SE

utilization situation etc.

Upward Revision of Dividend (pre-stock-split base)

 Dividend increased from interim, exceeding the initial forecast

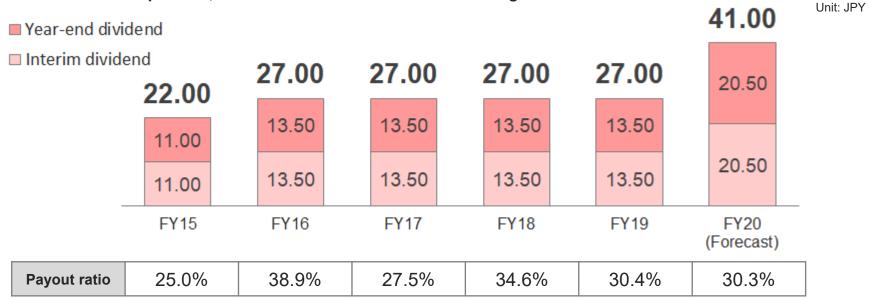
Unit: JPY Initial **FY19** Revision YoY results forecast Interim 13.50 17.00 20.50 +7.00 Year-end 13.50 17.00 20.50 +7.00 34.00 Full year 27.00 41.00 +14.00

Stock Split

- Stock split ratio: 2-for-1
- **♦** Effective date: January 1, 2021
 - Record date: December 31, 2020

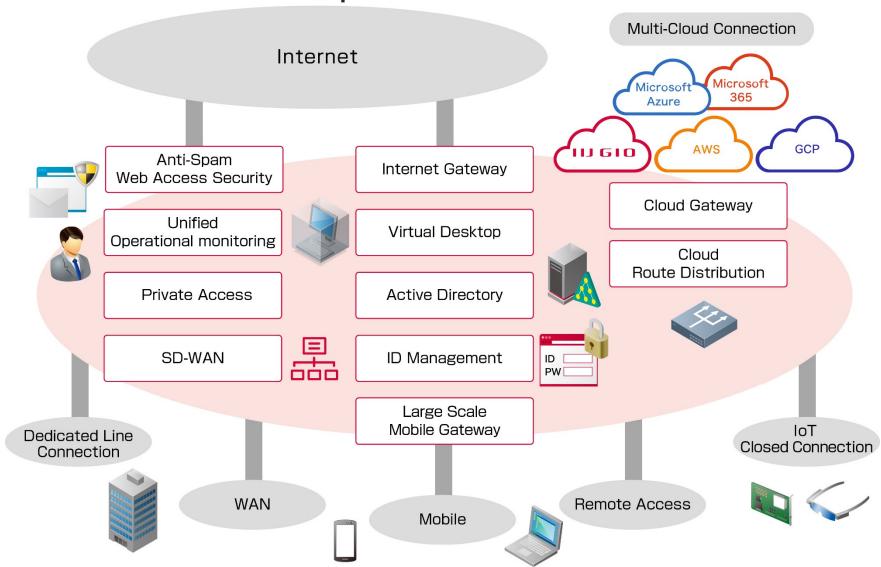
Cash Dividend per common share (pre-stock-split base)

 Our basic dividend policy is that we pay dividends to our shareholders continuously and in a stable manner while considering the need to have retained earnings for the enhancement of financial position, medium-to longterm business expansion, future business investment and other goals.



^{*}Along with the stock split, ADR ratio will be 1 common stock = 1 ADR

Support Japanese enterprises' digital shit with various highly reliable & value-added Omnibus service line-ups



Service Revenue Category

Rev	enue category	1H20 Revenue	About				Business Situation & Outlook	
Z	Internet connectivity services for	19.6	IP	Core service providing from the inception of the company, highly reliable dedicated connectivity services for enterprise (multi-carrier, redundancy etc.)			, highly ctivity	 Matured market (new entry difficult) Blue-chip client base Expect the revenue to continuously increase along with traffic volume and contracted bandwidth increase which is increasing along with CDN traffic, remote work etc.
<u> </u>	enterprise		<u> </u>	40.0	IoT/M2M-	related	3.5	Expect profitability and mobile
W _O			Mobile	12.0	MVNE	MVNE 8.6		infrastructure utilization to improve as
Network services	Internet connectivity services for consumers	12.9	Mobile	11.5	Direct sale	e SIM services (via IIJ web), Ir partners such as	ndirect sale	enterprise, consumers IoT/M2M: Expect the demand to expand in the middle to long term MVNE/Consumer: Focus on expanding sales channel under severe competition
ces	WAN	12.3	Clos	Closed network used to connect multiple sites				Stable market for long-term, Large clients migrated to mobile in FY2019 > Acquire enterprise demand by cross-selling services. Continuous services
	Outsourcing	17.2	line-			net-related var ter, remote acce Public Cloud		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	25.1	value Fi	Promote cloud shift with our abundant, highly reliable, value-added private cloud related service line-ups From construction 13.9 Private Cloud 11.2				 Expect great business opportunity in the middle-to-long term as internal IT systems migrating to cloud Systems to be converted to cloud
SI	Construction (including Equipment sales)	13.0	Clou Onli	ud, IoT. I ine bank	nternet-relat ing & broker	ited to office IT ed construction age academic nd E-commerce	n such as backbone	Through providing SI, offer greater value as IoT and cloud usage penetrate Through providing SI, offer greater are value as IoT and cloud usage



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.

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.