# Internet Initiative Japan Inc. Corporate Overview

# IR Roadshow in New York, Toronto, and Chicago

April 2018

TSE1:3774 NASDAQ:IIJI

Ongoing Innovation

## **Outline**

## **♦** Strengths and competitive advantages

Baomioco accamatanem
Business model
Blue-chip customer base

**Business accumulation** 

## Growth strategy

## **♦** Financials

3Q17 results summary	P. 24
FY17 plan summary	P. 25

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## **Internet Technology Initiatives in Japan**

Established	December 1992
Number of Employees	3,222 (approx. 70% engineers)  Consolidated as of December 31, 2017
Listed Markets	NASDAQ (IIJI), TSE1 (3774)
Large Shareholders	NTT group (26.0%), Dalton (6.3%), CEO Suzuki (5.6%*) *Jointly owned by Mr. Suzuki's wholly owned private company as of September 30, 2017

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

- Introduced many prototype Internet-related network services
- ➤ Highly skilled IP (Internet Protocol) engineers
- Self-develop services and the related back office facilities

## "IIJ" brand towards blue-chips

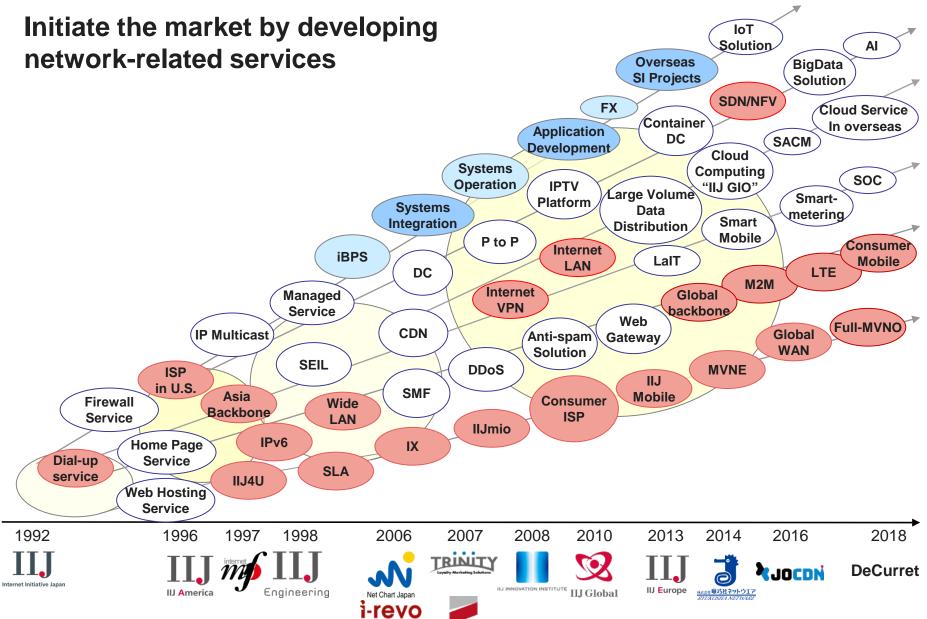
- ➤ Mainly large enterprises and governmental organizations
- Differentiate by reliability and quality of network and systems operation
- > Long-term client relationship with no serious systems troubles

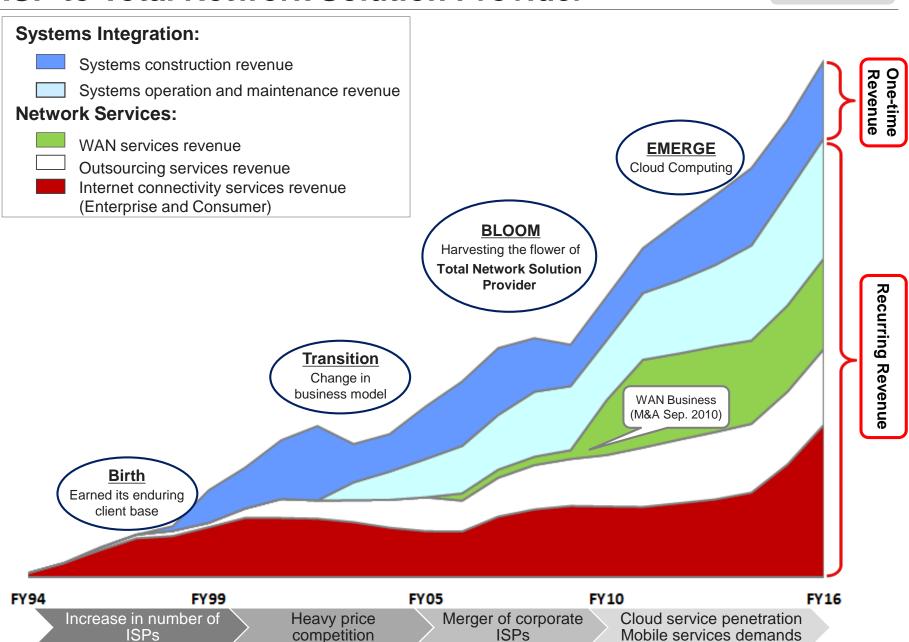
## At the leading edge of IP R&D

- > 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

## **Technology and Service Developments**

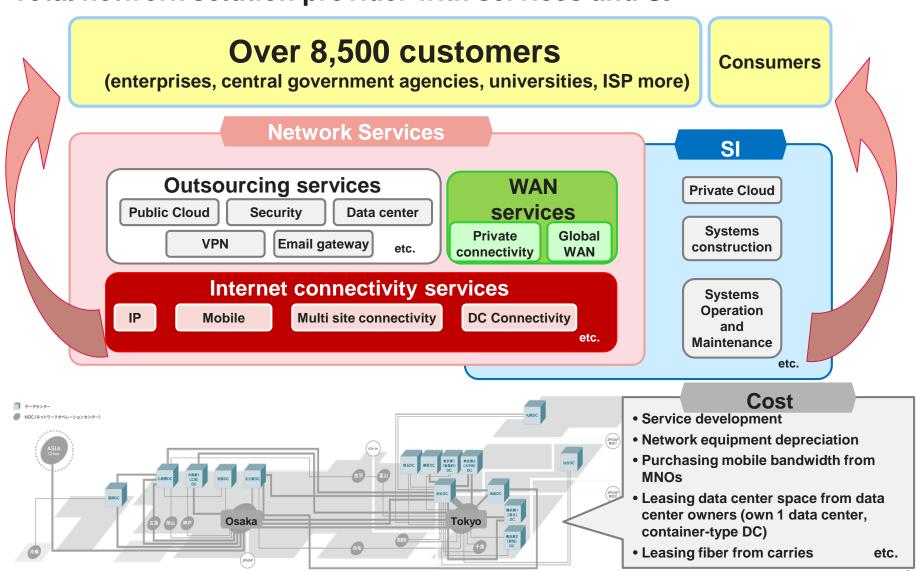
**About IIJ** 





## **Business Model**

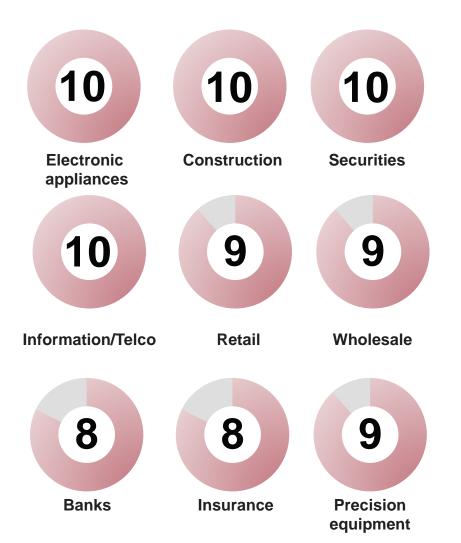
## Leveraging Internet-related technology Total network solution provider with services and SI

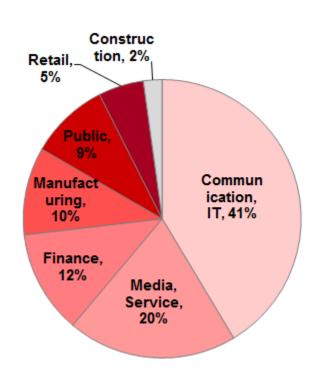


## **Cover Most of Top Revenue Companies**

**Revenue Distribution by Industry** 

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





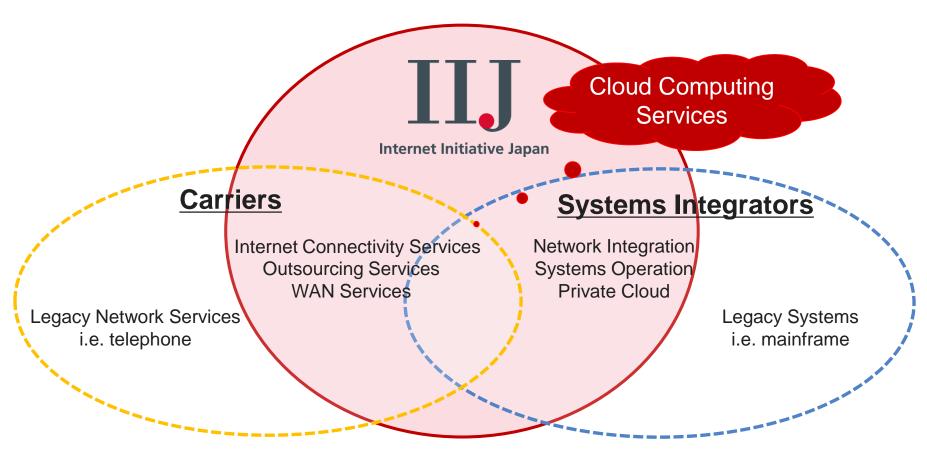
Source: IIJ's FY2016 Financials

## **Comprehensive Line-ups of IT services**

R	evenues	Services	Business status
	Internet Connectivity (Enterprise)	Primary connectivity for head offices High-performance dedicated connectivity Redundant connectivity for multi-site	Dominate the matured market     Revenue gradually increase with greater contracted bandwidth/traffic     Anticipate to grow with further cloud service penetration and CDN     Continuous network expansion
NW Services	Internet Connectivity (Consumer)	• Mobile solutions, M2M/IoT, MVNE for enterprises • Inexpensive SIM card services for consumers	Emerging market, consumer rapidly expanding     M2M/loT for enterprises grow for midterm     Business investment for full-MVNO
	WAN	Closed NW for multi-site connection	Stable market for long term
	Outsourcing	Security, data center, email outsource,     NW/Server management service line-ups etc.     Over 60 in-house developed services	Cross-sell and accumulate various outsourcing services     Growing demands for security     Continuous service development
SI	Operation & Maintenance	• Full service line-ups for laaS • SaaS/PaaS with partners • Hybrid/Multi cloud solutions • BigData, FX application etc.	<ul> <li>Enormous opportunities with cloud shift of large enterprises' systems</li> <li>Core area of the mid-long term growth</li> <li>Continuous service enhancement including GIO P2</li> </ul>
	Construction	Internet-related SI, NW integration     Cloud-related, mobile-related SI	Value-added functions to promote cloud, mobile systems etc.
<b>Equipment Sales</b>		Operation & maintenance after construction	

## **Target Blue-chip's IT Shift**

## Cover Corporates' New IT Services Demands with reliable operation

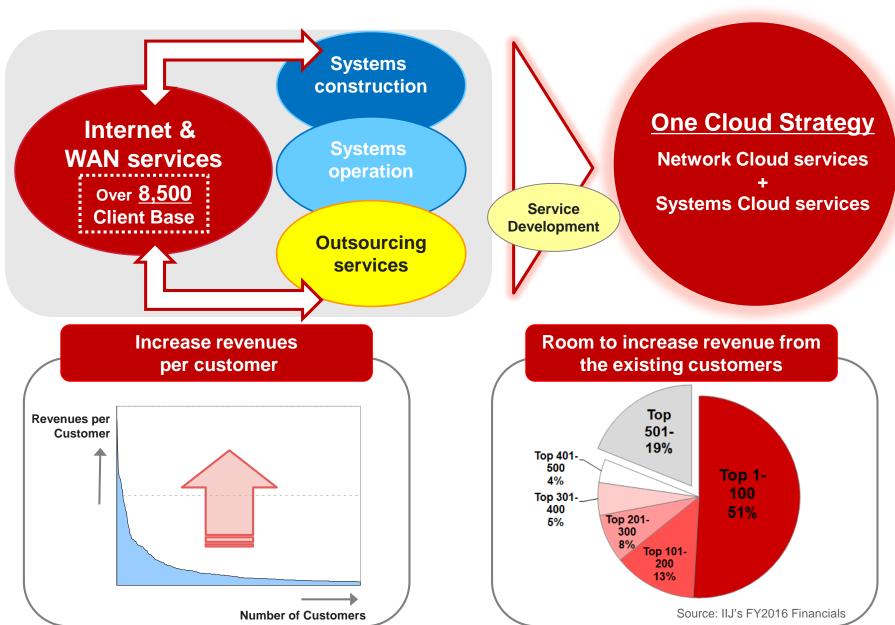


### **IIJ's differentiation points towards competitors**

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

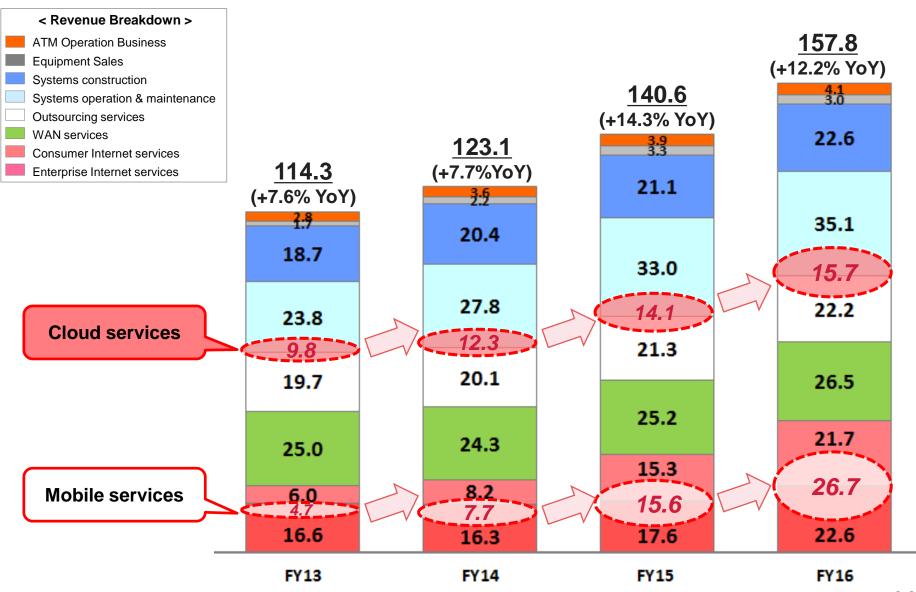
- Operates network facilities by ourselves
- Develops network services
- Moderate number of employees

## **Leveraging Blue-chip Customer Base**



Unit: JPY billion

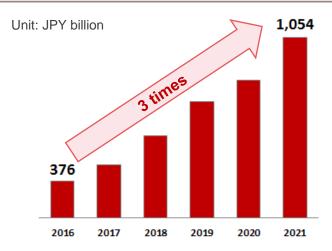
## **Cross-selling multiple service products**



#### **Cloud Market in Japan**

- Cloud penetration among Japanese enterprises
  - 46.9% as of 2016-end, 33.0% as of 2013-end (MIC)
- Some advanced and mission critical enterprise systems on cloud services
- Average system life cycle: 5 years
  - Enterprises consider re-investing in their on premise systems or migrate to cloud service when their existing systems approach to the end of life
- Systems don't migrate at once, especially large internal systems
  - · Customization (SI) is required when migrating to cloud
- Great business opportunity with IoT and BigData

#### **Cloud Market Growth in Japan**



Published in Mar. 2017 by IDC Japan "Domestic Public Cloud Market Estimation revenue-base (2016-2021)"

#### **IIJ's Competitive Advantages**

#### IIJ

- ◆ Integrate Full-MVNO, security, SI
- ◆ Operate and manage not only IIJ's cloud services but also other venders' cloud services and on premise systems seamlessly
- ◆ Target blue-chip's large internal IT systems which are traditionally covered by Slers
- ◆ Experience, reputation
  - ➤ One of the first cloud service provides in Japan (since FY2010)
- ◆ Reliable operation
- ◆ Deep relationships with blue-chip customers
  - Leverage network service clients customer base
- ◆ Various options for CPUs/OSs/storage/network usage etc.

#### **Competitors**

## AWS/Azure

- ◆ Strong scale merit
- Not so strong about meeting individual system needs
  - Service specs
  - SI expertise
  - Customer support

Slers

- Tailored toward individual private cloud, in principal
- ◆ Target current clients, in principal

### Flagship IIJ GIO P2 Projects

➤ One of the largest global logistics companies chose IIJ's cloud service for its fully-outsourced internal systems (3,500 servers and 2PT storage)



MRC JPY9 million

One of the largest prefectures chose IIJ's cloud services for "Local Government Information Security Cloud" systems



MRC JPY60 million

One of the largest online ticketing companies chose IIJ's cloud service for its main and prominent service platform



MRC JPY14 million

One of the largest travel agencies chose IIJ's cloud services for its core business operation systems



MRC JPY12 million

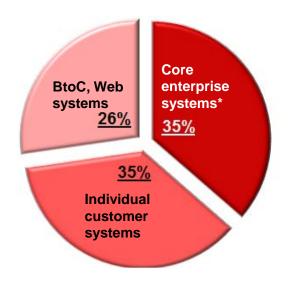
➤ A central government agency chose IIJ's cloud service for a system managing sales point



MRC JPY8 million

## **IIJ GIO P2 System Usage**

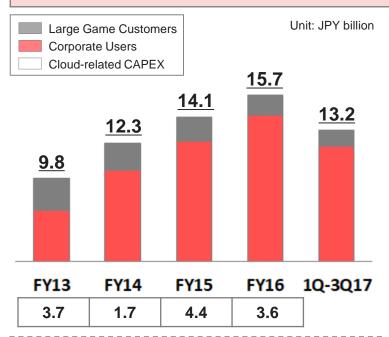
Among IIJ GIO P2 prospective projects with monthly revenue charge over JPY1 million, 35% are core enterprise systems-related

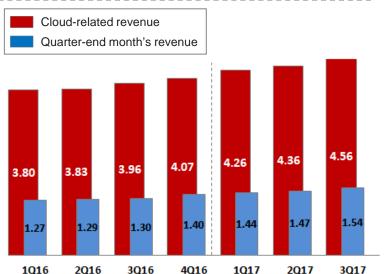


- Launched IIJ GIO P2 in fall 2015, profit burden currently
  - FY16 revenue up JPY0.65 billion YoY
  - FY16 cost up JPY1.19 billion YoY

## **Cloud Business**

#### **IIJ's Cloud Revenue Growth**

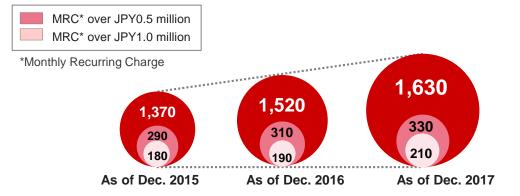




#### **IIJ's Cloud Customer Base**



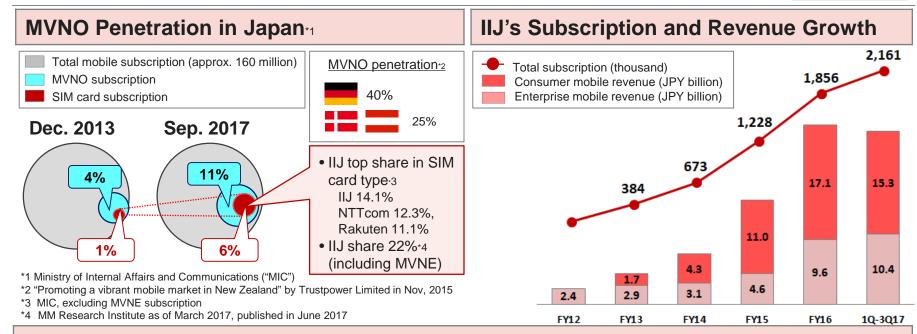
.... and many more



#### **Business Model**

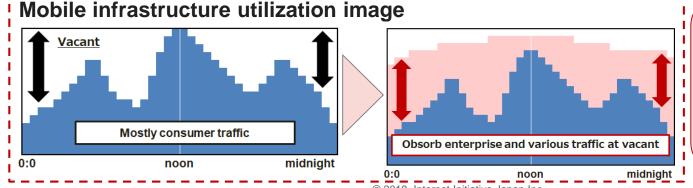
- Continuously invest in service facility and developments (servers, storage and datacenter)
- ➤ Benefit from large-scale service facility by improving utilization
- Energy-efficient container-type datacenter in country side





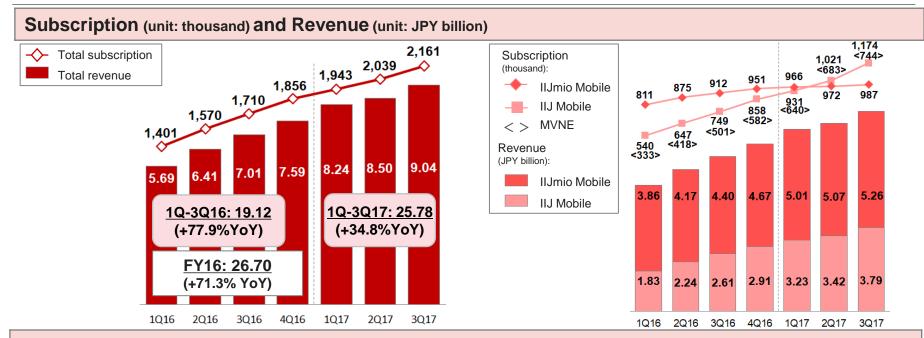
#### **IIJ's Growth Strategy**

- ◆ Improve mobile infrastructure utilization by gathering enterprise traffic such as IoT and various consumer traffic (young, old, student, households, business persons etc.)
  - ✓ Launched full-MVNO services targeting further IoT traffic (private global network, inventory control with flexible billing management for IoT usage, direct overseas roaming, chip SIM etc.)
  - √ 135 MVNE clients as of Dec. 2017 (retailers, CATV, EC vendors, SIers, manufacturers etc.)



- Continued to be profitable.
- Currently leasing bandwidth to meet the traffic peak of consumers
- By absorbing enterprise traffic (M2M/IoT), total network utilization should improve

## **Mobile Business**



#### **Consumer Mobile Price Comparison**

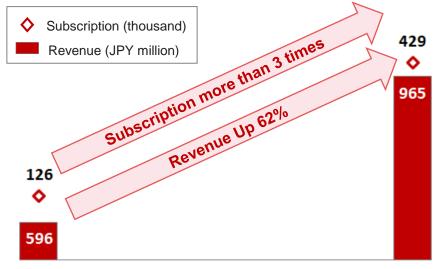
MNOs's affiliated companies and MNOs themselves started to lower their services, yet IIJ (genuine MVNO) is very cheap. Below information is as of March 2018

	IIJ	Y!mobile	UQ mobile	Docomo "Simple"	au "Pitatto"
Monthly fee	¥1,600	¥3,980	¥3,980	¥6,700	¥4,980
Data volume	3GB	1GB	1GB	2GB	1GB
Voice	Including basic fee for voice service	Can call unlimited times if each session is less than 10 mins			
Others	N/A	1 <sup>st</sup> 1yr at ¥1,980 and 2 <sup>nd</sup> yr at ¥2,980 if commit for 2yrs	First 14 months at ¥1,980 if commit for 2yrs  Monthly fee is ¥5,200 contract rene every 2yrs, 1 \$\frac{1}{2}\$ if commit for 2yrs		If commit for 2yrs, ¥3,780. If commit for automatic contract renewal for every 2yrs, 1st yr at ¥1,980 and from 2nd yr at ¥2,980,

#### **Accumulating Enterprise Mobile Solutions**

- ➢ IIJ started providing enterprise mobile solutions from 2008 by becoming the 1<sup>st</sup> MVNO in Japan to connect Docomo's mobile network
  - Wireless solution to enterprise customers
  - · Leveraging blue-chip customer base
  - Provide with SI, if necessary
- Accumulating IoT-type M2M projects continuously
  - Security cameras, digital signage, BtoC service handy devises, large-scale solar panel monitoring, ticket vending machine etc.

#### Enterprise Mobile Revenue (excluding MVNE)



1Q15 2Q15 3Q15 4Q15 1Q16 2Q16 3Q16 4Q16 1Q17 2Q17 3Q17

#### First Full-MVNO in Japan

#### > Full-MVNO enables to issue own SIM card:

- Develop various type of mobile solutions for IoT (BtoBtoX etc.)
- Expect to offer closed network, private roaming, business solution with inventory optimization, cost compression of SIM by issuing own original SIM
- Embedded SIM ("eSIM"), Re-Programmable SIM, Multi-Profile SIM etc.
- SIM card adjustable to any type of SIM (multi-form function)

## Preparation on track for service launch in Mar.2018

- Private global network, inventory control with flexible billing management for IoT usage, direct overseas roaming, chip SIM etc.
- > Expected total investment: approx. JPY4.5 billion
  - Construction of HLR/HSS systems
  - Accumulation of monthly payment to NTT Docomo for their network remodeling fee (not IIJ CAPEX)
  - Expect cost of approx. JPY0.4 billion in FY17 (from Dec. 2017)
  - Expect related CAPEX up JPY0.8 billion YoY in FY17

#### **Further Accumulation of IoT Projects**

- ◆ IoT-related discussion & PoC prj. with our blue-chip customers as they seek business opportunities with IoT
- Prospective orders increasing after the announcement of to engage in full-MVNO

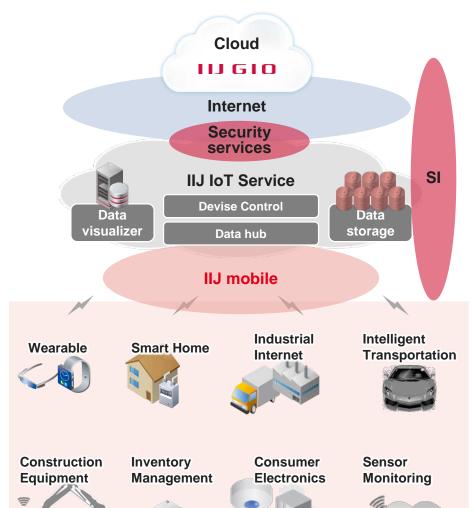
3Q17-end: approx. 280 projects

Sector	Examples of usage					
Factory	Remote mgmt. and control of factory facility     Predict machine failures, reduction in maintenance cost					
Agri.	Paddy mgmt. (control of water level & temp.)					
Log.	<ul> <li>Mgmt. of vehicle location &amp; delivery status</li> <li>Connected Cars, data monitoring of racing cars</li> </ul>					
Retail	Analysis on consumers' movement from instore cameras to create marketing data     Monitoring waiting customers					
Housing	Mgmt. of electricity with info from smart-meter     IoT to consumer electronics and nursing care					
Others	Mgmt. for solar panels & windmills     Tracing products					

#### < Glossary > Agri. Agriculture Proof of Concept Logistics PoC Log. Institution Prj. **Projects** Inst. Management Government Mamt. Govt. Temp. Temperature a/c account

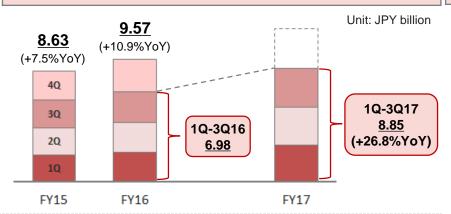
#### IIJ as IoT platform

IIJ provides necessary elements for IoT comprehensively



## **Security Business**

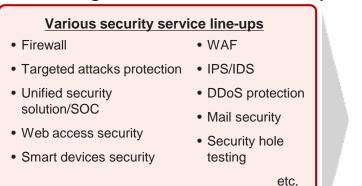
#### **IIJ's Security Services Revenue Growth**



FY16 security related revenue was over JPY11 bn if include security-related SI projects

#### **IIJ's Security Service line-ups**

Provide together with NW and SI as comprehensive



Enterprise customers

NW

SI

#### **IIJ's Competitive Advantages**

- ◆ First in Japan to provide **firewall services** (since 1994)
- DDoS protection services which are able to handle terabit cyber attacks, widely used among central government agencies and major financial institutions
- Security Operation Center services with approx. 6
   billion daily log records of network etc. (others: approx.
   0.8 billion records a day), able to detect Internet threats and execute countermeasures in early stage
  - Providing to local government. Leveraging security log obtained as an ISP to protect against latest cyber threats
  - ➤ Assist enterprise security systems with establishment of CERT, SOC service & wide-range of security services
- Advising regional police departments about cyber security such as unauthorized access and Internet network

#### **Business Developments**

- **♦** DDoS protection service strongly growing
  - Growing penetration toward BtoC service providers
  - Expanded facility globally, able to protect from over terabit scale attacks
- ◆ Email & Web gateway service continuously expanding

Mail service: approx. 1.8 million a/c Web gateway service: approx. 1.2 million a/c

- Protecting several hundreds of thousands email accounts with our services for such as global manufacturing companies, local governments and more from external threats and information leaks
- Fully-manage over several hundred thousand a/c for global manufacturing company's mail gateway and more
- > 10yrs+ of service operation, filter logics in-house developed

## FinTech Business

#### **Company Profile**

Name	DeCurret Inc. (IIJ's equity method investee)
Est.	January 2018
Capital	JPY5.23 billion (as of mid-Feb.)
Shareholder IIJ (ownership 35%), 18 other companies	
Directors	President: Kazuhiro Tokita (IIJ senior managing executive officer) Part-time directors: IIJ CEO, IIJ COO, IIJ CFO

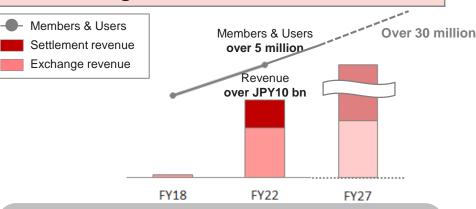
#### **Business**

- > Providing cryptocurrency exchange and settlement services altogether
- > Exchange service (from 2H18)
  - Providing users to exchange various cryptocurrency real time 24 hours 365 days, mainly for consumers
  - ✓ Basic function of Wallet will be launched
  - ✓ Differentiate with highly reliable system, low bid-ask spread, and security requirement such as AML/KYC\*
  - ✓ Bid-ask spread as revenue
- > **Settlement service** (from FY19)
  - Cryptocurrency settlement at location such as E-commerce, retail shops, BtoBtoC and BtoC business model
  - ✓ Co-working with capital partners
  - ✓ Bid-ask spread and system usage as revenue
- AML(Anti-Money Laundering). KYC(Know Your Customer) refers to a procedures to verify customer, which is required when opening accounts. In cryptocurrency transaction, KYC is performed through blockchain which reduces the hassle and cost for identity verification.

#### **Competitive Advantages**

- Trading system leveraging the existing IIJ Raptor system
  - Top share ASP FX system in Japan, proving to 13 major Japanese financial institutions
    - ✓ Core-engine, dealing system, connecting multiple fx exchanges, investor service platform, operator management function etc.
  - Able to launch services by expanding IIJ Raptor function
    - ✓ Approx. 70% of DeCurret service system is leveraged from the existing IIJ Raptor system
- > Executing business with prominent capital partners
  - · Expect to include electronic money, bank coins and more
  - ✓ Aim to be a common platform for partners' cryptocurrency distribution
  - Future potential: connecting payment data and accounting, smart contract, BtoB settlement and more by leveraging blockchain technology

#### **Business Target**



#### Impact on IIJ's consolidated financial results etc.

<PL> Impacted by equity in net income/loss <Business> of equity method investees

FY18: Assume approx. JPY0.6 bn equity in net loss

FY19: Equity in net loss to become smaller

#### • IIJ owns 35% of

• Raptor & cloud to grow

DeCurret's value

FY20: Turn positive, equity in net income to expand thereafter



#### **Shareholders of DeCurret**

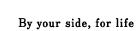






















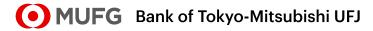
















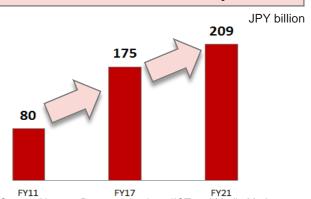
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## **CDN** (Contents Distribution Network) Business

#### **CDN Market in Japan**

- > Growing needs to distribute contents over Internet
  - 4K/8K and high-definition contents to increase towards the **Tokyo Olympics**
- Broadcasting companies distributing contents via Internet
  - Nippon TV owns Hulu Japan,
  - Broadcasting companies operate "TVer"
- Akamai strong in Japan CDN market, no prominent Japanese provider currently
- > IIJ has rich and long experience in **CDN** business
  - ✓ Olympics games, high school base ball games, and many more

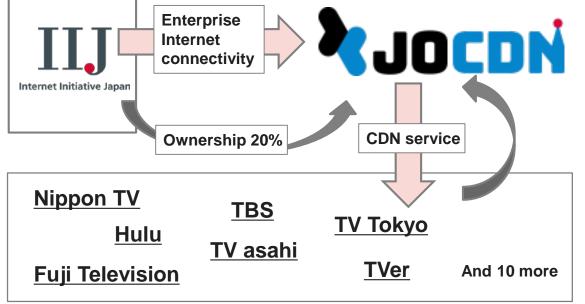
#### **CDN Market Growth in Japan**



Source: Nomura Research Institute "ICT and Media Market Growth Outlook and Trend through FY2021", published in Nov. 2015

#### JV with Japanese Major Broadcasting Companies

Company name	JOCDN Inc.
Capital	JPY710 million
Establishment	December 1, 2016
Shareholders	IIJ (20%), Nippon TV (14%), TV asahi (14%), TBS (14%), TV Tokyo (14%), Fuji TV (14%) and 10 more
Management	Chairman: Koichi Suzuki (IIJ) President: Shunichi Shinozaki (Nippon TV)
Business	<ul> <li>Provide a video content distribution platform service for use within Japan</li> <li>Construct and operate broadcasting systems</li> </ul>



## **Revenue & Operating Margin Growth**

#### **Business Status**

#### Investment

- Cost increase / Large AC Revenue down (Game etc.)
- Accumulate Business Assets

#### **Revenue Growth**

- MVNO to explode
- Cloud accumulation
- GP increase lead OP increase
- Continuous business investment (P2, Omnibus, Full-MVNO, CDN, AI etc)

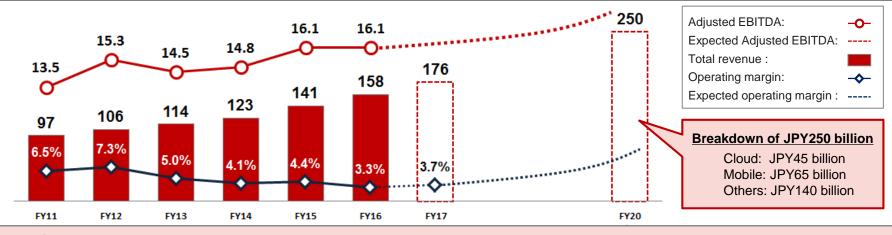
#### **Scale Merit**

- Cloud GPM up by scale
- MVNO GPM up by NW utilization
- Integrated Transactions

#### **Next Stage**

- Main platform provider for enterprises' next usage of IT (ie. Big Data/IoT)
- Operating margin growth as a service provider

#### Revenue, Operating Margin, and Adjusted EBITDA (unit: JPY billion)



#### **Business Developments to be Integrated**



## **Summary of 3Q FY2017 Financials**

	3Q17(3 months)	YoY	1Q-3Q17 Results	YoY	FY17 Targets	YoY
Revenue	JPY44.6 bn	+13.0%	JPY127.6 bn	+12.3%	JPY176.0 bn	+11.5%
Gross Margin	JPY6.7 bn	+12.5%	<b>JPY19.8</b> bn	+10.8%	JPY28.2 bn	+11.7%
Operating Income	JPY1.5 bn	+20.9%	JPY3.8 bn	+19.7%	JPY6.5 bn	+26.6%
Pre-tax income*	JPY1.9 bn	+40.1%	JPY4.3 bn	+26.1%	JPY6.5 bn	+19.8%
Net income**	JPY1.2 bn	+49.6%	JPY2.7 bn	+40.7%	JPY4.0 bn	+26.3%

#### **Enterprise Network Services**

- ◆Internet connectivity revenue grew largely +24.0%YoY with MVNE etc.
  - IP revenue also stably increasing, expect stronger growth with CDN etc.
- ◆ <u>Security-related revenue grew largely +26.8%YoY</u>
  - Strong demands for DDoS protection, secure Web & Mail services
- **♦**With Omnibus, acquiring demands for WAN and NW replacement
  - WAN revenue +9.2%YoY, Omnibus revenue more than quadrupled YoY
     Omnibus expanding its service functions (WAN enhancement from 1Q18)
- **♦**Construction of our own data center in Chiba prefecture
  - Expect future operation cost to be approx. 20% lower with better operation productivity by integrated service facility, outside air cooling & Al control

#### Cloud & SI

- ◆ <u>Differentiating with Private cloud strategy: Revenue +13.7%YoY</u>
  - VMware virtualization PF, Multi-cloud, Unified Operation Management etc.
- ◆Realizing competitive advantages towards complex projects with Cloud, Security, Network +SI
  - SI construction +4.0%YoY, SI operation & maintenance +7.3%YoY
- ♦ Overseas business developing almost as planned
  Asian subsidiaries continuously expanding business
  - 1Q-3Q17 revenue JPY4.25 bn, operating deficit JPY0.08 bn Expect FY17 to turn positive
  - Strong interests for GDPR solution, accumulating orders

#### Mobile & IoT

- **◆**Differentiate from others with enterprise solution & MVNE
  - Total mobile revenue: +34.8%YoY, MVNE revenue: +77.7%YoY
  - MVNE clients as of 3Q17-end: 135 (+7 from 2Q17-end)
- **♦** Launching Full MVNO services from Mar. 2018 gradually
  - Private global network, flexible billing control for IoT usage, original overseas roaming, chip SIM etc.
- ♦3Q17-end IoT prospective orders approx. 280: such as NW cameras, factory IoT
  - JV with Chubu Electric Power for connected home IoT business
  - Strong interest to be our partners along with Full MVNO launch

#### **Further Business Developments**

- **◆**Cryptocurrency exchange and settlement business with prominent Japanese companies
  - DeCurret Inc. IIJ's equity method investee with 35% ownership
  - Launching services from 2H18
- **◆**CDN JV with Japanese major broadcasting companies "JOCDN" developing business and accumulating orders
  - To provide CDN service to major contents holder from 1Q18
- ◆ Over 100 prospects "IIJ electronic contact/communication Note service" cloud-based collaboration platform allowing various professional involved in home-based cares to share healthcare information, Enhancing partnership with university professors for new ideas for healthcare

Expanding existing business steadily: recurring revenue grew 14.2%YoY

Grasping business opportunity like FinTech with accumulated business assets of technology, system infrastructure, customer base and more

## FY2017 Business Plan

### Continuous strong revenue growth just as the middle term plan's second year Operating income to largely improve with strong revenue absorbing cost increase

	% of Revenues	% of Revenues		
	FY16 Results	FY17 Target	YoY Change	
	(Apr. 2016 - Mar. 2017)	(Apr. 2017 - Mar. 2018)		
Total Revenues	157.8	176.0	+18.2	+11.5%
	84.0%	84.0%		
Total Cost of Revenues	132.5	147.8	+15.3	+11.5%
	16.0%	16.0%		
Gross Margin	25.2	28.2	+3.0	+11.7%
	12.7%	12.3%		
SG&A/R&D	20.1	21.7	+1.6	+7.9%
	3.3%	3.7%		
Operating Income	5.1	6.5	+1.4	+26.6%
Income before	3.4%	3.7%		
Income Tax Expense	5.4	6.5	+1.1	+19.8%
	2.0%	2.3%		
Net Income*	3.2	4.0	+0.8	+26.3%
Cash Dividend per common share	JPY27.00	JPY27.00	-	-

Unit: JPY billion, YoY=FY target compared with FY16 results, \*Net income attributable to IIJ

#### Cloud

- GIO P2 flagship projects to be recognized as revenue
  - > Unified business operation platform for a global manufacturing company's group, virtual desktop services etc.
- Continuously developing services and service facility investment
  - FY17 target revenue: JPY18 billion (up 15% YoY)

#### Mobile, IoT

- Continuously enhance service quality, strengthen sales promotion with sales partners for consumer
- Further acquire enterprise IoT/M2M solution orders
- Full-MVNO services from 4Q17, cost to be recorded from Dec. 2017 (included in the budget)
- FY17 target subs. net addition: stronger than FY16 Security
- Stronger revenue accumulation with services developed in FY16
- Information Security Cloud project's revenue to increase
- Continuously developing services and enhancing differentiation
  - Security services revenue accumulation to accelerate

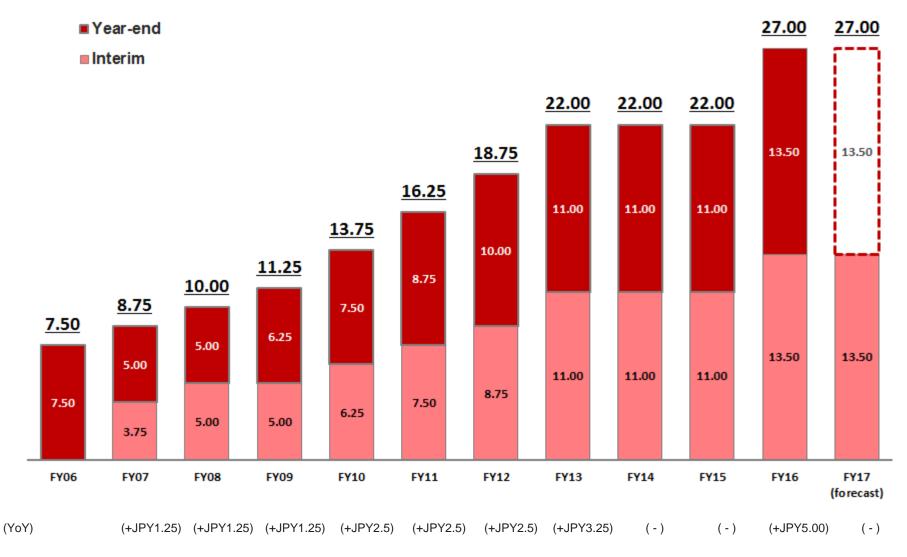
#### SI

- Expect no significant YoY increase for SI construction revenue due to cloud trend
- Expect SI gross margin ratio to improve by 1 point YoY with SE productivity improvement and cloud revenue accumulation

#### **Overseas**

- Target revenue of JPY7.0 billion and plan to turn positive with each overseas subsidiaries making more contribution
- JOCDN Inc. to launch services
   Provide CDN services for Japanese broadcasting companies' contents

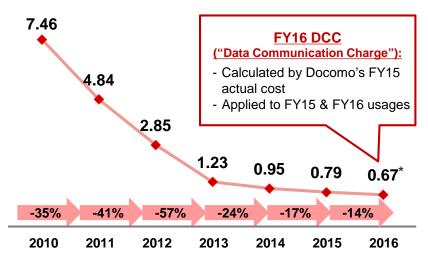
## **Dividend Forecast**



<sup>\*</sup>IIJ conducted a 1:200 stock split on common stock with an effective date of October 1, 2012. Dividend figures shown below are retroactively adjusted to reflect the stock split.

## Data Communication Charge for MVNO (NTT Docomo)

#### Docomo's monthly DCC per 10Mbps



\*From FY16, SIM issue fee has been excluded from the DCC calculation (MVNOs need to pay the fee separately to Docomo)

#### **MVNO** infrastructure cost for Docomo

- Mobile infrastructure leasing fee from Docomo
- A fixed charge by bandwidth
- Regulated price by the government (MIC & guideline)
- Same flat-rate for all MVNOs
- Renews every year based on Docomo's actual cost etc.
- Continuously decreasing
- Fixed 1 year after, applied to current and a previous year
- FY16 DCC payment has been deducted 15% from 1Q16 by Docomo's arrangement
- FY15 DCC was fixed in March 2017 and its decrease rate shall be applied to FY16 DCC

#### IIJ's estimate vs. actual decrease rate

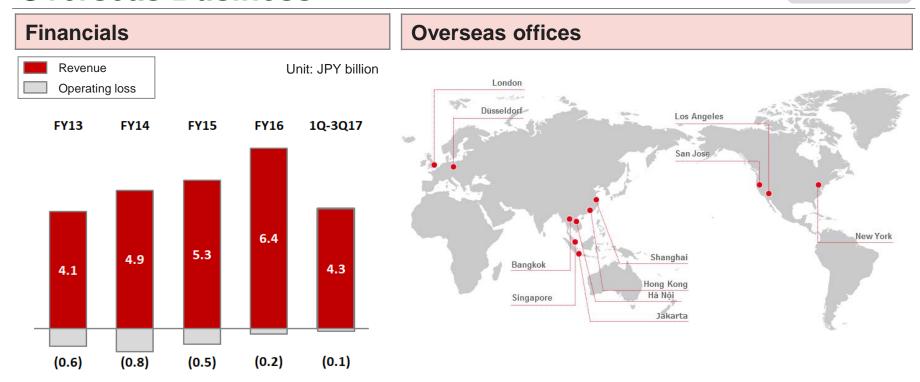
	(1) Docomo's payment arrangement	(2) IIJ's estimation	(3) Actual results
FY14	40%	40%	24%
FY15	25%	15%	17%
FY16**	15%	12%	14%*

- (1) Fixed in April
- (2) Fixed based on (1)
- (3) Fixed next March
- 1270
- (\*) Fixed in March 2017 (\*\*) IIJ's fiscal year ended March 31, 2017

#### Docomo changed depreciation method

- Docomo historically used declining-balance method for calculating the depreciation of property, plant and equipment
  - From fiscal year ended March 31, 2017 Docomo uses straight-line method

Docomo's DCC based on their March 31, 2017 actual costs are to be noticed to their MVNOs around March 2018



#### **Business Developments**

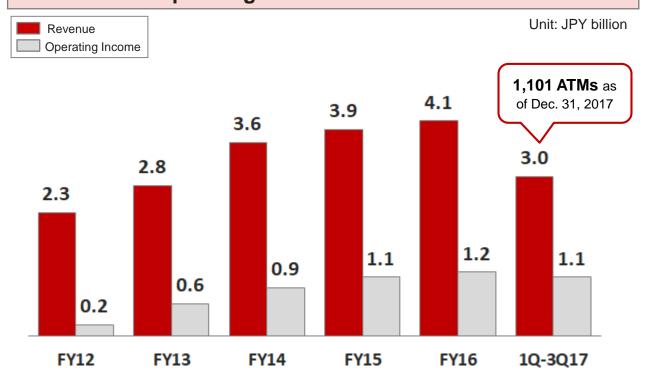
- Started focusing on overseas business around FY2010 when Japanese companies who were started expand their business overseas and requested us to provide the same service quality we offer in Japan
- > Provide cloud services in Indonesia, Thailand and Vietnam together with local prominent IT companies
  - 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)
- > Export container datacenters, Expect transactions to expand in the middle-to-long term
  - Exported to Russia (FY15)
  - Exported to Laos (3Q16) revenue of JPY1.2 billion
  - Accumulating similar prospective orders from other emerging countries

## **ATM Operation Business**

#### **Business Model**

- Similar to "Seven Bank" model, high profitability
  - Seven Bank: 23,368 ATMs, revenue JPY121.6 billion, profit ratio 30.2% (as of March 31, 2017)
- > Placing ATMs in Pachinko parlors in Japan with dominant position
  - After long discussion, started to place in Kanto, Kansai, Kyushu and Tokai areas
  - 10,986 Pachinko parlors in Japan as of December 31, 2016 (source: Zennichi Yuren)
- Receive commission for each withdrawal transaction.

#### **Revenue and Operating Income**



#### Trust Networks Inc.

- In charge of ATM operation business
- > IIJ's ownership: 80.9%
- > Established in 2007





## **Corporate Governance**

#### **Fully Complied with the Sarbanes-Oxley Act**

- Have implemented outside directors since 2004
- Have implemented SOX based operation from the enactment of the SOX Act
- Evaluate the effectiveness of internal control over financial reporting based on COSO
- Report to the U.S. Security and Exchange Commission ("SEC") with the U.S. GAAP

#### **Directors with Abundant Experience**

4 outside directors among 12 BOD members, 6 independent directors among 16 directors\*

\* Including auditors

#### Outside directors

T. Tsukamoto
 Y. Tanahashi
 S. Oda
 Tormer Chairman of Mizuho Bank
 Former Chairman of NSSOL
 Former President of HP Japan
 T. Okamura
 Former Chairman of Toshiba

#### Outside auditors

T. Michishita

Y. Akatsuka CPA

Attorney at Law

K. Ohira

#### **Business Operation Covering the entire Group**

- 17 subsidiaries, 9 equity method investees
- Implement group-wide Code of Ethics
- Pursue comprehensive business operation by assigning IIJ directors as group companies outside directors
- Consolidated-based internal audit
- The headquarters of most group companies are the same as IIJ's headquarter, allowing daily active communication

#### ESG in the nature of IIJ business

- Contributed greatly to expand Internet in Japan as the first comprehensive commercial ISP in Japan
- Business philosophy works as the foundation of the control environment
  - We commit ourselves to take initiatives continuously in the field of Internet technology to open up network society's unlimited possibilities.
  - We contribute to make sure network society operates at its best by developing and introducing highly reliable and highly value-added IT services to support social infrastructure
  - We aim to offer a working environment where our staffs aggressively challenge towards technology innovation and social contribution with pride and the feeling of reward.

# 3Q FY2017 Consolidated Financials Results

**Announced on February 8, 2018** 

## **Consolidated Financials for 1H17**

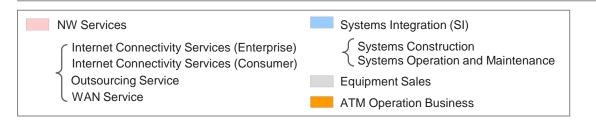
Unit: JPY billion

	% of Revenues 1Q-3Q17 Results (Apr. 2017 - Dec. 2017)	% of Revenues 1Q-3Q16 Results (Apr. 2016 - Dec. 2016)	YoY Change
Total Revenues	127.6	113.6	+12.3%
Total Cost of Revenues	84.5% 107.9	84.3% <b>95.8</b>	+12.6%
Gross Margin	15.5% <b>19.8</b>	15.7% <b>17.8</b>	+10.8%
SG&A/R&D	12.5% <b>16.0</b>	12.9% <b>14.7</b>	+8.9%
Operating Income	3.0% <b>3.8</b>	2.8% <b>3.2</b>	+19.7%
Income before Income Tax Expense	3.4% <b>4.3</b>	3.0% <b>3.4</b>	+26.1%
Net Income*	2.1% <b>2.7</b>	1.7% <b>1.9</b>	+40.7%

% of Revenues	
FY17 Targets	YoY Change
(Apr. 2017 - Mar. 2018)	
176.0	+11.5%
84.0%	
147.8	+11.5%
16.0%	
28.2	+11.7%
12.3%	
21.7	+7.9%
3.7%	
6.5	+26.6%
3.7%	
6.5	+19.8%
2.3%	
4.0	+26.3%

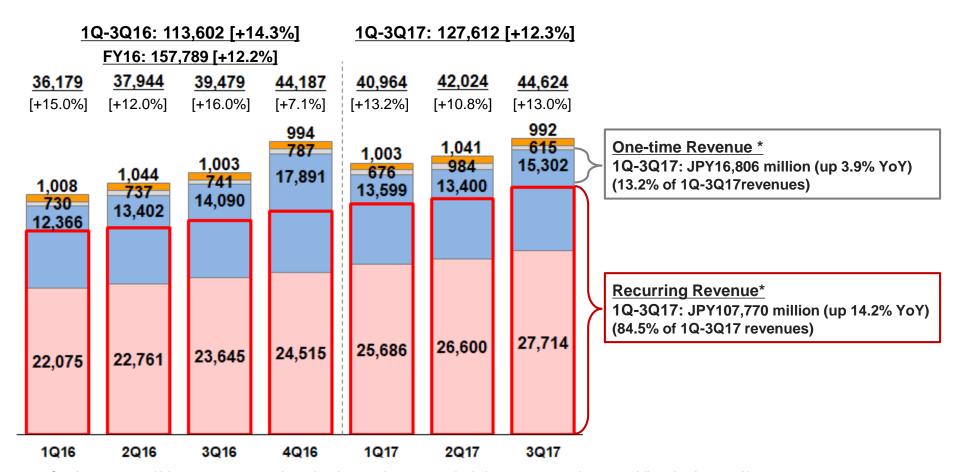
<sup>\*</sup>Net income attributable to IIJ

Revenues



[ ], YoY = compared to the same period in a previous year

Unit: JPY million



- One-time revenues, which are systems construction and equipment sales, are recognized when systems or equipment are delivered and accepted by customers
- Recurring revenues 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

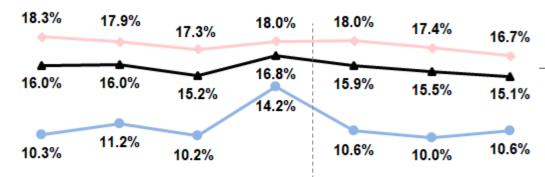
## **Cost of Revenues and Gross Margin Ratio**

**Financials** 



Unit: JPY million

[ ], YoY = compared to the same period in a previous year QoQ = 3Q17 compared to 2Q17



#### **A –** . .

**Gross Margin** 

◆ Total

1Q-3Q17: JPY19,756 million (up 10.8% YoY) 1Q-3Q16: JPY17,830 million (up 0.2% YoY)

1Q-3Q16: 95,722 [+17.4%]

FY16: 132,542 [+14.3%]

30,397	31,878	33,497	36,770
[+17.8%]	[+14.6%]	[+19.8%]	[+6.9%]

1Q16

2Q16

3Q16

608	615 678	607 681	598 711	601 604	599 901	548	
665 11,094	11,899	12,651	15,348	12,163	12,058	13,677	
18,030	18,685	19,558	20,113	21,066	21,970	23,073	

4Q16

#### **♦ NW Services**

1Q-3Q17: JPY13,890 million (up 13.8% YoY) 1Q-3Q16: JPY12,207 million (up 9.6% YoY)

- Mobile gross margin amount continued to increase YoY. Mobile gross margin ratio on a slightly decreasing trend QoQ along with an increase in MVNE transactions
- The revised NTT DOCOMO's interconnectivity charge, fixed in Mar. 2017, decreased by 14% YoY (unlike the previous revisions, the calculation excluded the cost for lending SIM). Charge is expected to be revised in Mar. 2018.

#### **♦** <u>SI</u>

1Q-3Q17: JPY4,403 million (up 4.5% YoY) 1Q-3Q16: JPY4,214 million (down 22.9% YoY)

2Q17

1Q-3Q17: 107,856 [+12.6%]

35,529

[+11.5%]

37,894

[+13.1%]

596

3Q17

34.434

[+13.3%]

1Q17



(1)Revenues

**Financials** 



[ ], YoY = compared to the same period in a previous year QoQ = 3Q17 compared to 2Q17



1Q16

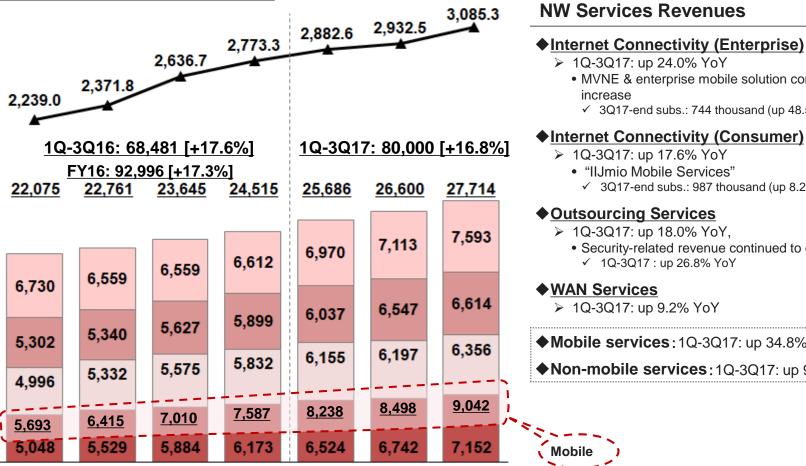
2Q16

services for consumer, on Dec. 31, 2017

3Q16

4Q16

1Q17



## MVNE & enterprise mobile solution continued to √ 3Q17-end subs.: 744 thousand (up 48.5% YoY) ◆Internet Connectivity (Consumer)

- - √ 3Q17-end subs.: 987 thousand (up 8.2%YoY)

- - Security-related revenue continued to grow √ 1Q-3Q17: up 26.8% YoY
- ◆ Mobile services: 1Q-3Q17: up 34.8% YoY
- ◆Non-mobile services: 1Q-3Q17: up 9.8% YoY

3Q17

2Q17

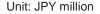
<sup>(\*)</sup> To focus our resources on mobile services, IIJ sold all the shares of common stock of hi-ho, Inc. which was IIJ's wholly owned subsidiary and mainly provides fixed Internet connectivity

<sup>(\*\*)</sup> Total contracted bandwidth is calculated by multiplying number of contracts by contracted bandwidths respectively for IP service, data center connectivity service and IIJ FiberAccess/F and IIJ DSL/F of Internet connectivity services (Enterprise). 35

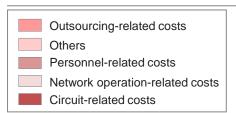
**Network Services** 

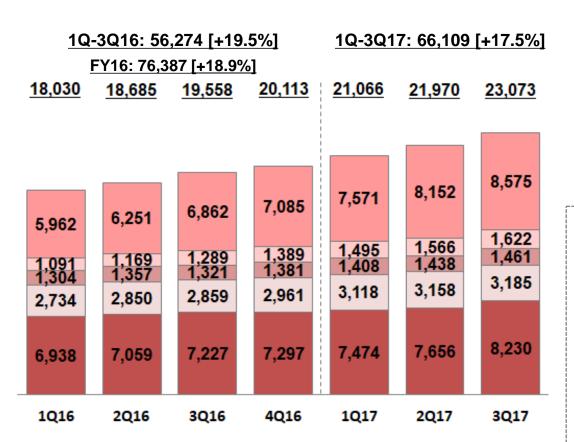
(2)Cost of Revenues

**Financials** 



[ ], YoY = compared to the same period in a previous year





#### **Cost of NW Services**

- > 1Q-3Q17: up 17.5% YoY
  - Along with increases in WAN revenues and continuous network expansion, circuitrelated costs increased
  - Along with continuous network equipment installation and service developments, network operation-related costs increased
  - Along with increases in mobile traffic, mobile-related costs (mainly in outsourcingrelated costs) increased
- ◆ Regarding NTT DOCOMO's ("DOCOMO") mobile interconnectivity cost recognition:
  - Regarding our FY16 and FY15 usage charge, DOCOMO's interconnectivity telecommunications service charge was fixed in Mar. 2017 and it decreased by 14% (excluding the cost for lending SIM) YoY.
  - Regarding our FY17 and FY16 usage charge, DOCOMO's interconnectivity telecommunications service charge, which is calculated by DOCOMO's FY16 mobile-related cost, is expected to be fixed in Mar. 2018. DOCOMO's payment arrangement is 15% off temporarily from Apr. 2017 which is same as FY16.

## **Systems Integration (SI)**

### (1)Revenues

**Financials** 

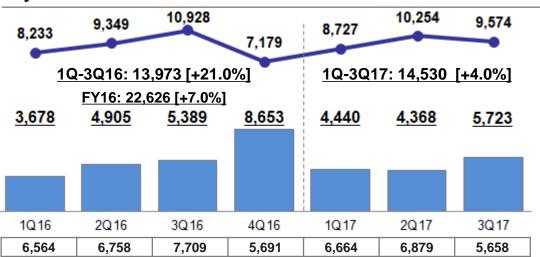


Systems operation and maintenance revenues Cloud revenues within systems operation and maintenance revenues) Order backlog (sum of systems construction and equipment sales)

Order received (sum of systems construction and equipment sales)

Unit: JPY million

### **Systems Construction**



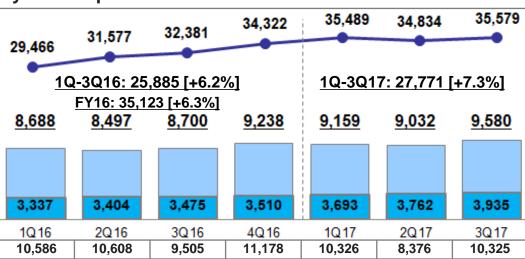
- > 1Q-3Q17 revenue: up JPY558 million YoY
- Large-scale construction projects orders received in 3Q17:

[ ], YoY = compared to the same period in a previous year

- Virtual desktop infrastructure for a prominent service business operator
- External web server for a major broadcast station
- NW construction for a major automotive manufacturer
- Back office system for a major travel agency
- Cloud migration of large BtoC site

etc.

### **Systems Operation and Maintenance**



- > 1Q-3Q17 revenue: up JPY1,885 million YoY
- Continuous revenue growth mainly due to the accumulation of systems construction which migrated to systems operation and maintenance phase as well as continuous increase in private Cloud revenue
  - 1Q-3Q17 revenue from private Cloud: up 11.5% YoY
  - 1Q-3Q17 revenue from SI construction: up 4.5% YoY
- ➤ 86.4% of 3Q17 Cloud-related revenue is recognized in systems operation and maintenance revenues (13.6% in outsourcing)

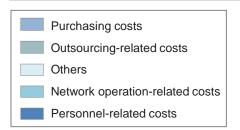
## Systems Integration (SI)

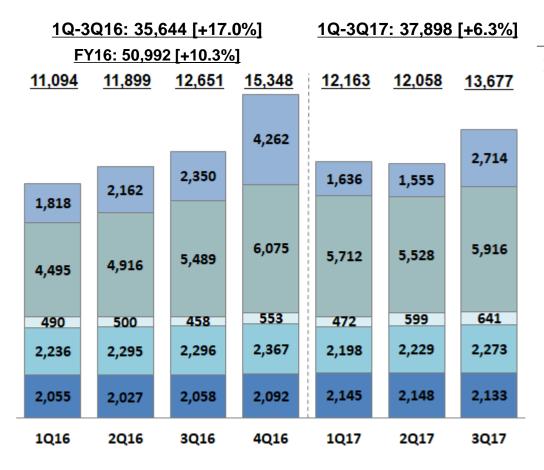
### (2)Cost of Revenues

**Financials** 

Unit: JPY million

[ ], YoY = compared to the same period in a previous year QoQ = 3Q17 compared to 2Q17





### Cost of SI

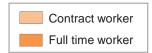
- > 1Q-3Q17: up JPY2,254 million YoY
  - 3Q17-end number of outsourcing personnel: 1,655 personnel (up 329 YoY, up 29 QoQ)
    - ✓ Within the above 1,655 personnel,
       1,122 personnel were for SI related
       (up 36 YoY, up 43 QoQ)

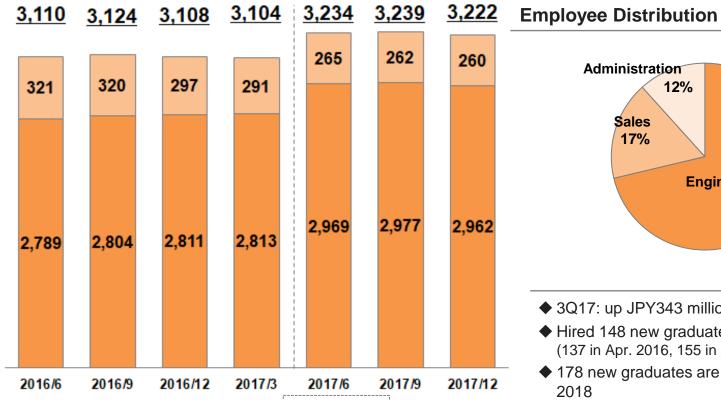
## **Number of Employees**

**Financials** 



[ ], YoY = compared to the same period in a previous year





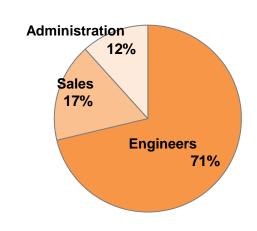
Personnel related costs & expenses

(1011/0)	(14.470)	(13.070)	(12.0/0)	(14.2%)	(13.0%)	(12.070)
5,464 (15.1%)	5,446 (14.4%)	5,432 (13.8%)	5,635 (12.8%)	5,797	5,784 (13.8%)	5,775 (12.9%)
1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17

(% of revenue)

1Q-3Q16:16,341 (14.4%) up 3.2% YoY FY16: 21,977 (13.9%), up 3.9% YoY

1Q-3Q17: 17,356 (13.6%) up 6.2% YoY



- ◆ 3Q17: up JPY343 million, up 6.3% YoY
- ♦ Hired 148 new graduates in Apr. 2017 (137 in Apr. 2016, 155 in Apr. 2015)
- ◆ 178 new graduates are planned to join in Apr. 2018

## SG&A Expenses/R&D



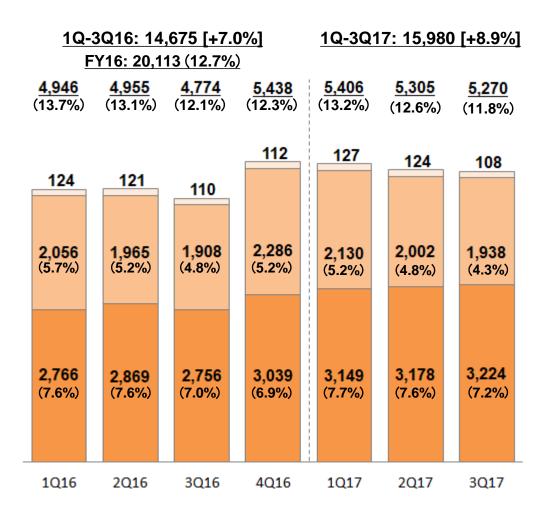
General & administrative expenses

Sales & marketing expenses

% of total revenues

Unit: JPY million

[ ], YoY = compared to the same period in a previous year



### Sales & marketing expenses

- > 1Q-3Q17: up 13.8% YoY
  - Advertising expenses, sales commission expenses, and personnel-related expenses increased

### **General & administrative expenses**

- > 1Q-3Q17: up 2.4% YoY
  - · Personnel-related expenses increased

#### **♦**SG&A related to ATM operation business Unit: JPY million 3Q16 1Q16 2Q16 4Q16 1Q17 2Q17 3Q17 43.5 51.1 42.9 47.0 35.5 36.4 44.8

Placed 1,101 ATMs as of December 31, 2017

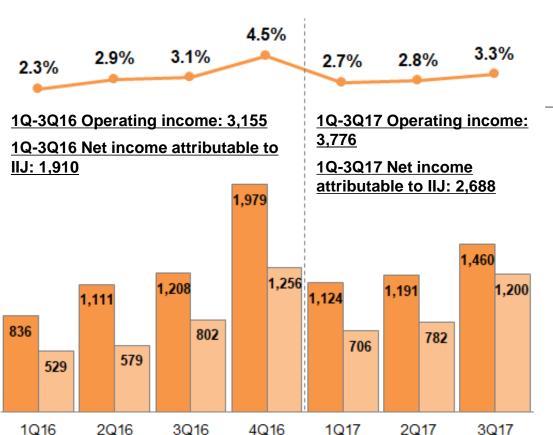
#### **Financials**

### **Operating Income and Net Income**



Unit: JPY million

[ ], YoY = compared to the same period in a previous year



#### Income

### ◆ Income before income tax expense:

- > 1Q-3Q17: JPY4,329 million (up JPY896 million, up 26.1% YoY)
  - Net gain on sales of available-for-sale securities: JPY373 million
  - Dividend income: JPY231 million
  - Distribution from fund investments: JPY196 million
  - Foreign exchange gain: JPY29 million
  - Interest expense: JPY276 million

### **♦** Net income attributable to IIJ:

- 1Q-3Q17: JPY2,688 million (up JPY778 million, up 40.7% YoY)
  - Equity in net income of equity method investees including Internet Multifeed: JPY101 million
  - Net income attributable to noncontrolling interests including Trust Networks: JPY128 million

139	531	446	1,203	342	764	531	Current income tax expense
301	(18)	67	(444)	109	(245)	113	Deferred tax expense (benefit)
17	25	28	61	36	41	24	Equity in net income of equity method investees
(42)	(43)	(41)	(39)	(42)	(47)	(39)	Less: Net income attributable to noncontrolling interests

## **Consolidated Balance Sheets (Summary)**

Unit: JPY million

	Mar. 31, 2017	Dec. 31, 2017	Changes
Cash and Cash Equivalents	21,959	23,044	+1,086
Accounts Receivable	27,384	27,615	+231
Inventories	2,798	4,329	+1,531
Prepaid Expenses (Current and Noncurrent)	14,218	16,296	+2,078
Investments in Equity Method Investees	3,150	3,383	+233
Other Investments	7,925	10,933	+3,008
Property and Equipment	39,775	45,125	+5,349
Goodwill and Other Intangible Assets	9,257	8,880	(376)
Guarantee Deposits	3,060	3,346	+286
Total Assets:	137,395	<u>150,273</u>	+12,877
Accounts Payable	16,962	17,424	+462
Income Taxes Payable	1,076	531	(545)
Borrowings (Short-term and Long-term)	17,750	24,900	+7,150
Capital Lease Obligations (Current and Noncurrent)	15,203	16,586	+1,382
Total Liabilities:	<u>70,015</u>	<u>79,227</u>	+9,212
Common Stock	25,509	25,512	+2
Additional Paid-in Capital	36,118	36,161	+44
Retained earnings	4,512	5,983	+1,471
Accumulated Other Comprehensive Income	2,500	4,621	+2,121
Treasury stock	(1,897)	(1,897)	-
Total IIJ Shareholders' Equity:	66,742	70,381	+3,639

<sup>&</sup>gt; Total IIJ Shareholders' Equity to Total Assets: 48.6% as of Mar. 31, 2017, 46.8% as of Dec. 31, 2017

Unit: JPY million

YoY

(3,845)

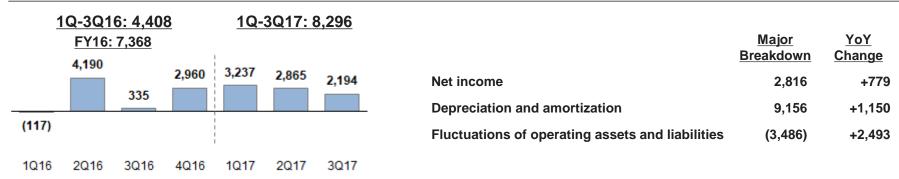
(1,205)

+538

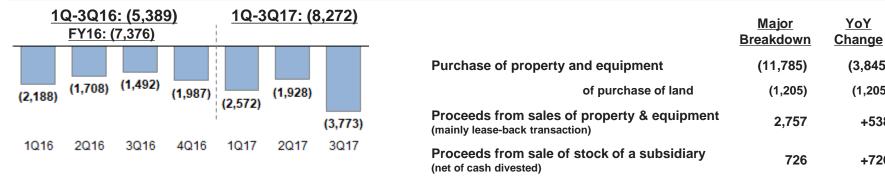
+726

[ ], YoY = compared to the same period in a previous year

### **Operating Activities**



### **Investing Activities**



### **Financing Activities**

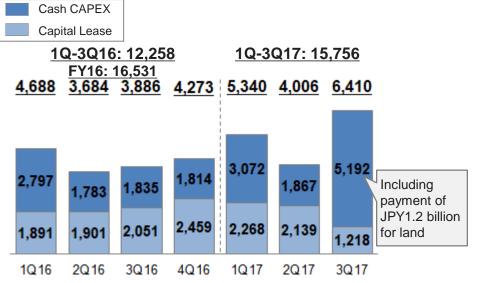
1Q-3Q16: 2,4 FY16: 2,492 2,67	<u> </u>	: 1,04 <u>9</u> 4,723		<u>Major</u> Breakdown	YoY Change
1,344			Principal payments under capital leases	(4,230)	(695)
	(339)		Dividends paid	(1,217)	(91)
(1,189)	(2,098) (1,579	5)	Long-term bank borrowings	7,000	(1,500)
1Q16 2Q16 3Q16	6 4Q16 1Q17 2Q1	7 3Q17			

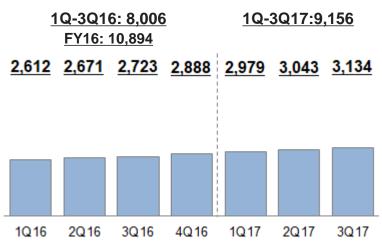
## Other Financial Data (CAPEX etc.)

Unit: JPY million



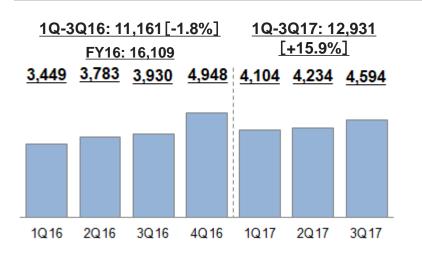
# **Depreciation and Amortization**

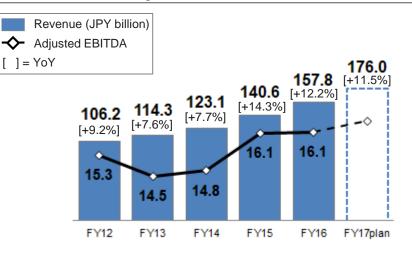




### **Adjusted EBITDA**

### **Revenue and Adjusted EBITDA Annual Growth**

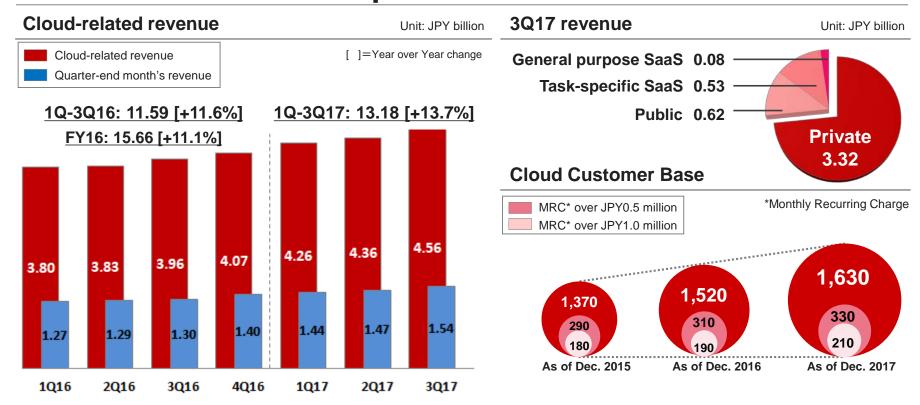




## **Cloud Business Developments**

III GIO

Financials



### Differentiating with Private Cloud Strategy

- > VMware Virtualization Platform continued to grow
  - Migration from on premise system to cloud are increasing: a prominent travel agency's service platform, group common communication platform etc.
- Connecting with other systems via multi-cloud
  - Local government's internal business system etc.
- Comprehensively monitoring and operating total systems with "Unified Operation Management Service (UOM)
  - Providing the service to a major logistics company etc.
- Increasing demands for virtual desktop services along with growing security concerns, several ten thousand accounts for a major financial institution

### ◆ Competitive advantage of IIJ Raptor

- ASP type high speed foreign exchange system launched in Nov. 2010
- Top share in the Japanese market for ASP FX system, 13 clients include Nomura securities, Sony Bank, Kabu.com and Hirose Tsusyo
- > Revenue recognized in Task-specific SaaS
- Raptor will be provided to DeCurret as its system platform

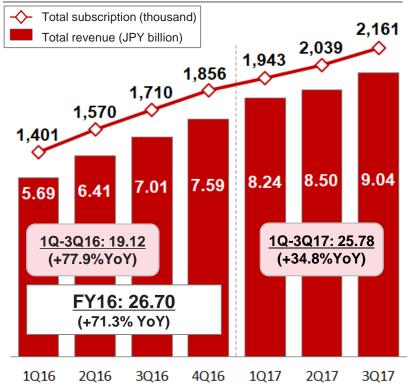
#### **♦** 3Q17 Cloud revenue recognition

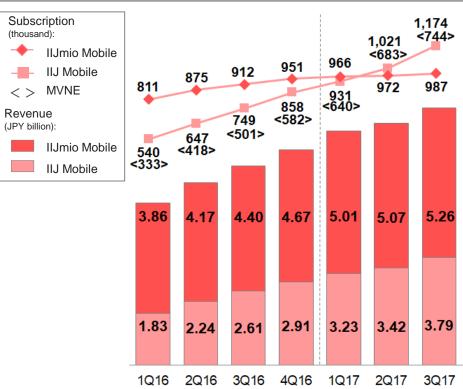
- > 86.4% in systems operation and maintenance
- > 13.6% in outsourcing services

## Mobile and IoT Business Developments

### **Total subscription & revenue**

### IlJmio Mobile (consumer) & IlJ Mobile (enterprise) Total subscription (thousand) Subscription





### Advancing as a total MVNO towards both consumer and enterprise

- 3Q17-end MVNE clients: 135 (+7 QoQ)
- Continued to be profitable by gathering enterprise and consumer traffic

### ◆ Enterprise mobile (excluding MVNE) strongly growing

- > 3Q17 revenue JPY0.96 billion (+17.2%YoY, +11.7%QoQ)
  - Accumulating solutions such as security cameras, IP transceiver, taxi dispatch system, TV conference system in response to work style reform

#### **♦** Full-MVNO

- Preparation on track for service launch in Mar. 2018
  - Private global network, inventory control with flexible billing management for IoT usage, direct overseas roaming, chip SIM etc.

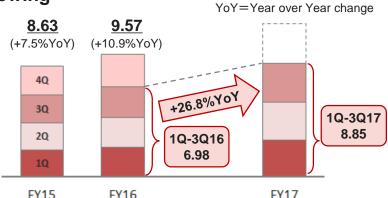
### Originating IoT-related business

- > Establish JV with Chubu Electric Power for Connected Homes IoT business (Apr. 2018)
- > IoT-related prospective orders & PoC continued increasing
  - SIM card for automobile, security cameras etc.
  - 3Q17-end prospective orders: approx. 280

## **Business Developments**

### Security-related service strongly growing

#### **♦** Security-related services revenue strongly growing Unit: JPY billion



### **♦** DDoS protection service strongly growing

> Widely used among central government agencies, major financial institutions, Growing penetration toward BtoC service providers

#### ◆ Mail & Web security services expanding

- > Providing more than 10 years, Demand continue to increase to prevent information leaks etc. Clients in various industries: managing a corporate group with several hundreds of thousands accounts
- > Maintaining competitive advantages by continuously enhancing service lineups
  - Sandbox, in-house developed filter logics etc.

### Strengthen total security package with Security **Operation Center services**

- > Accumulating large-scale security operation projects including blue-chips and local governments
- > Enhanced SOC facility (2H16), hiring security experts continuously etc.

### **Promoting NW services totality with Omnibus**

### ◆"One Cloud" Strategy

#### **Network Cloud**

(Gradually migrating on Omnibus platform)

- Internet connectivity
- Data center connectivity
- Cloud connectivity Remote access
- ID management Internet VPN

• LAN

WAN

etc.





System Cloud ("IIJ GIO")

Security ("wizSafe")

### **♦** With Omnibus, strengthening competitive advantage toward enterprise NW solution

- > Closed connectivity among cloud systems, multiple location WAN, replacing existing WAN etc.
  - NW integration for a major private study lesson school
  - Several hundred location WAN for a major retailer
- > With network cloud service line-ups, creating synergy between cloud and security

#### ◆ Continuously service developments and enhancement

- > "Omnibus 2.0" WAN connection function to be enhanced from 1Q18
- > IoT services, closed connectivity with mobile etc.

#### **Financials**

## Further Business Developments (FinTech)

### **Company Profile**

Name	DeCurret Inc. (IIJ's equity method investee)
Est.	January 2018
Capital	JPY5.23 billion (as of mid-Feb.)
Shareholder	IIJ (ownership 35%), 18 other companies
Directors	President: Kazuhiro Tokita (IIJ senior managing executive officer) Part-time directors: IIJ CEO, IIJ COO, IIJ CFO

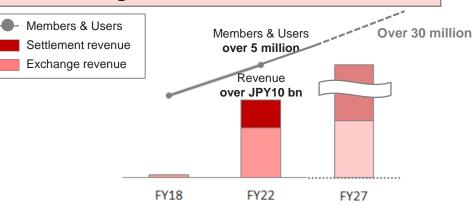
### **Business**

- > Providing cryptocurrency exchange and settlement services altogether
- > Exchange service (from 2H18)
  - Providing users to exchange various cryptocurrency real time 24 hours 365 days, mainly for consumers
  - ✓ Basic function of Wallet will be launched
  - ✓ Differentiate with highly reliable system, low bid-ask spread, and security requirement such as AML/KYC\*
  - ✓ Bid-ask spread as revenue
- > **Settlement service** (from FY19)
  - Cryptocurrency settlement at location such as E-commerce, retail shops, BtoBtoC and BtoC business model
  - ✓ Co-working with capital partners
  - ✓ Bid-ask spread and system usage as revenue
- AML(Anti-Money Laundering). KYC(Know Your Customer) refers to a procedures to verify customer, which is required when opening accounts. In cryptocurrency transaction, KYC is performed through blockchain which reduces the hassle and cost for identity verification.

### **Competitive Advantages**

- Trading system leveraging the existing IIJ Raptor system
  - Top share ASP FX system in Japan, proving to 13 major Japanese financial institutions
    - ✓ Core-engine, dealing system, connecting multiple fx exchanges, investor service platform, operator management function etc.
  - Able to launch services by expanding IIJ Raptor function
    - ✓ Approx. 70% of DeCurret service system is leveraged from the existing IIJ Raptor system
- > Executing business with prominent capital partners
  - Expect to include electronic money, bank coins and more
    - ✓ Aim to be a common platform for partners' cryptocurrency distribution
  - Future potential: connecting payment data and accounting, smart contract, BtoB settlement and more by leveraging blockchain technology

### **Business Target**



#### Impact on IIJ's consolidated financial results etc.

<PL> Impacted by equity in net income/loss of equity method investees

FY18: Assume approx. JPY0.6 bn equity in net loss

FY19: Equity in net loss to become smaller

#### <Business>

- Raptor & cloud to grow
- IIJ owns 35% of DeCurret's value

FY20: Turn positive, equity in net income to expand thereafter

## Further Business Developments (FinTech)

**Financials** 

### **Shareholders of DeCurret**



















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#### **Financials**

## Further Business Developments (New DC Construction)

#### **IIJ Data Centers**

- > Operating 21 data centers in Japan (as of Dec. 2017)
  - 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. 40,000m <sup>2</sup> (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	Begin operations in Spring 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

### **※** Forward-looking Statements

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. These risks, uncertainties and other factors include but not limited to:

- a decrease of corporate spending or capital expenditure due to depression in the Japanese economy and/or corporate earnings decreased,
- an inability to achieve anticipated results and cause negative impact on profitability,
- a possibility that less of reliability for our services and loss of business chances due to interruption or suspension of our services,
- an excess increase and fluctuation in network rerated cost, mobile-related cost, outsourcing cost, personnel cost etc,
- a possibility to lose business opportunity due to our inadequate resources in personnel and others,
- an increase in competition and strong pricing pressure,
- the recording of an impairment loss as a result of an impairment test on the non-amortized intangible assets such as goodwill,
- a decline in value and trading value of our holding securities.

Please refer to IIJ's filings on Form 20-F of its annual report and other filings with the United States Securities and Exchange Commission ("SEC") for other risks.

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