# Internet Initiative Japan Inc. Corporate Overview

# **Nomura Investment Forum Asia 2018**

June 7, 2018 TSE1: 3774 NASDAQ: IIJI

Ongoing Innovation

Internet Initiative Japan Inc.

## Outline

# Strengths and competitive advantages

| AAAAAA           | Blue-chip customer base<br>Comprehensive service line-up<br>Positioning<br>Leveraging Blue-chip Customer Base | P. 3 – 5<br>P. 6<br>P. 7<br>P. 8<br>P. 9<br>P. 10<br>P. 11 |
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Internet Initiative Japan Inc.

## Internet Technology Initiatives in Japan

**About IIJ** 

| Established         | December 1992  |
|---------------------|--|
| Number of Employees | <b>3,203</b> (approx. 70% engineers) Consolidated as of March 31, 2018   |
| Listed Markets      | NASDAQ (IIJI), TSE1 (3774)   |
| Large Shareholders  | NTT group (26.0%), Dalton (6.3%), CEO Suzuki (5.6%*)<br>*Jointly owned by Mr. Suzuki's wholly owned private company as of March 31, 2018 |

### • 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

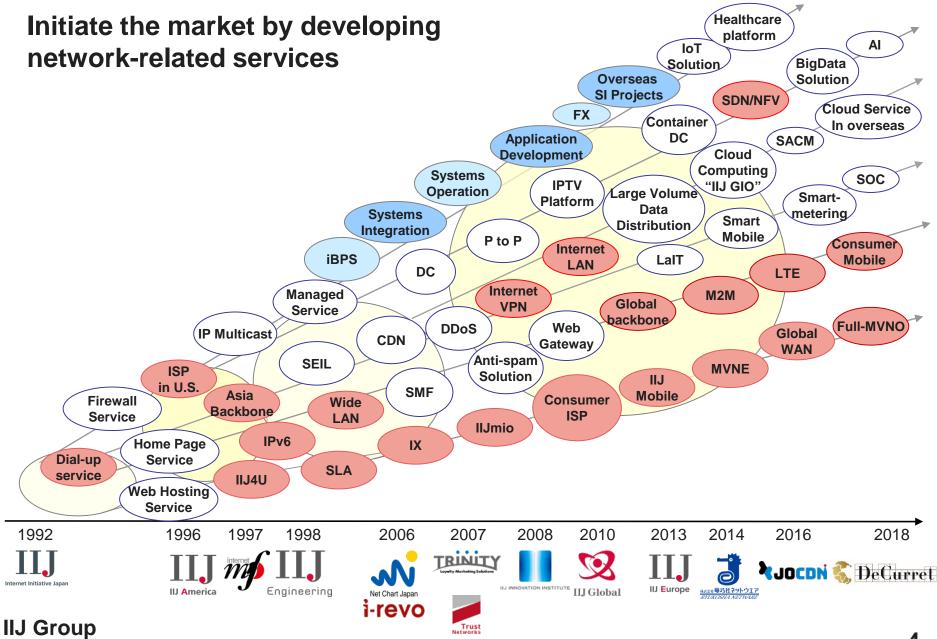
- Mainly large enterprises and governmental organizations
- Differentiate by reliability and quality of network and systems operation
- Long-term client relationship with no serious systems troubles

### 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

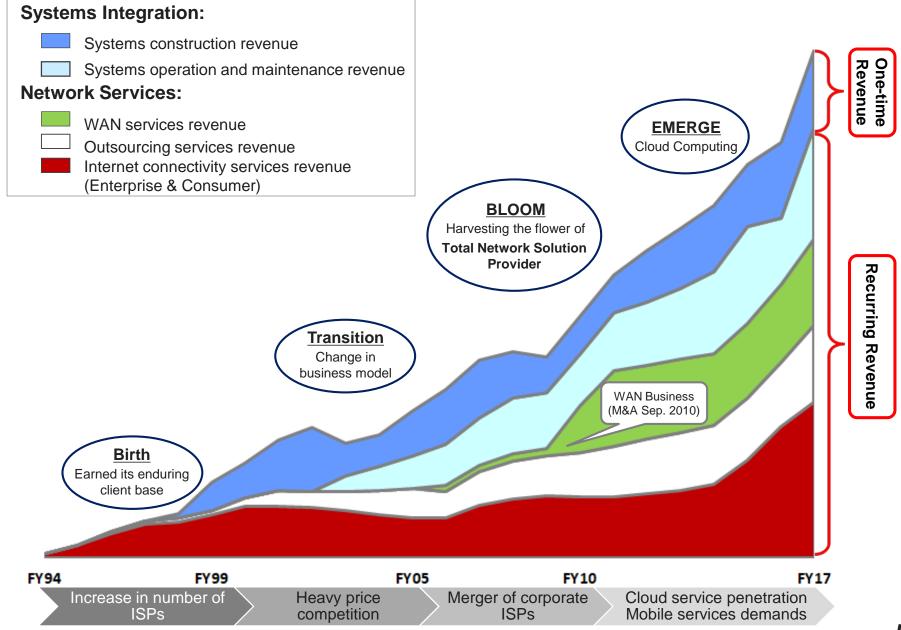
## **Technology and Service Developments**

**About IIJ** 



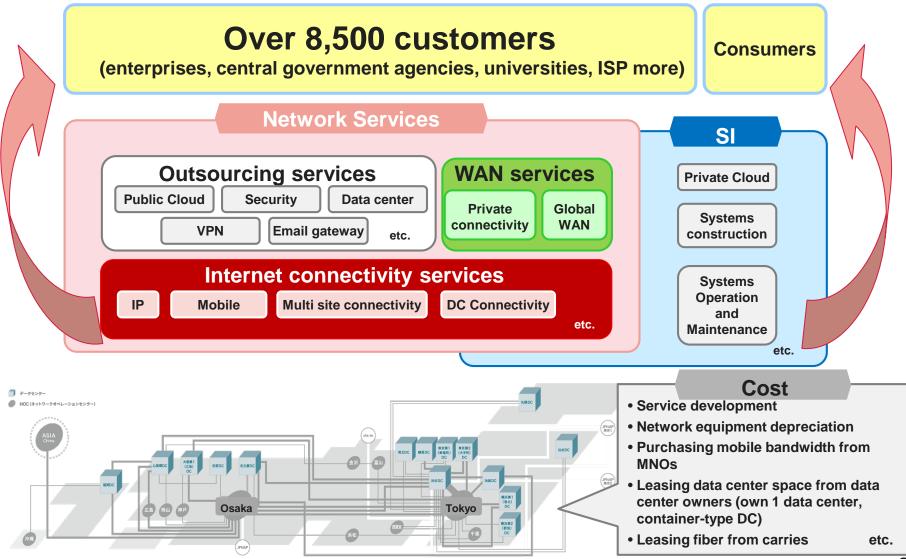
## **ISP to Total Network Solution Provider**

**About IIJ** 



## **Business Model**

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



**About IIJ** 

## **Excellent Customer Base with Many Blue-Chips**

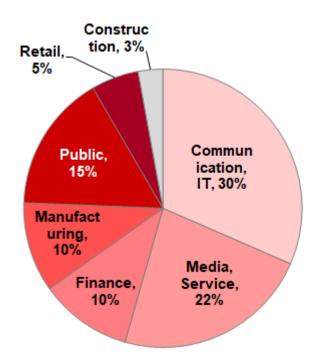
Competitive Advantages

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



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





Source: IIJ's FY2017 Financials

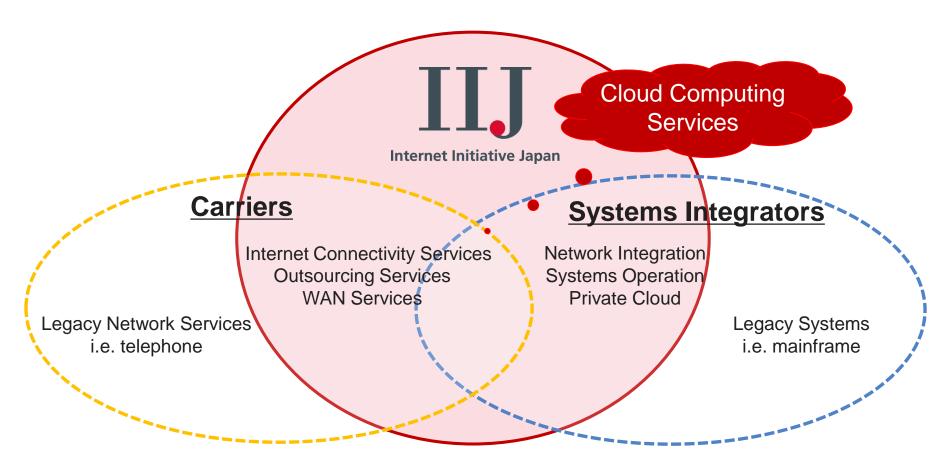
Internet Initiative Japan Inc.

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

Competitive Advantages

| Revenues       |  | Services   | Business status  |  |
|----------------|--|--|--|--|
|                | Internet<br>Connectivity<br>(Enterprise) | <ul> <li>Primary connectivity for head offices</li> <li>High-performance dedicated connectivity</li> <li>Redundant connectivity for multi-site</li> </ul>                    | <ul> <li>Dominate the matured market</li> <li>Revenue gradually increase with<br/>greater contracted bandwidth/traffic</li> <li>Anticipate to grow with CDN traffic &amp;<br/>further cloud service penetration</li> <li>Continuous network expansion</li> </ul> |  |
| NW<br>Services | Internet<br>Connectivity<br>(Consumer)   | <ul> <li>Mobile solutions, M2M/IoT, MVNE for enterprises</li> <li>Inexpensive SIM card services for consumers</li> </ul>   | <ul> <li>Accumulate subscription with MVNE<br/>and IoT</li> <li>Further capture IoT demand with full-<br/>MVNO supporting data services</li> </ul>   |  |
|                | WAN                                      | Closed NW for multi-site connection  | Stable market for long term  |  |
|                | Outsourcing                              | <ul> <li>Security, data center, email outsource,<br/>NW/Server management service line-ups etc.</li> <li>Over 60 in-house developed services</li> </ul>                      | <ul> <li>Cross-sell and accumulate various<br/>outsourcing services</li> <li>Growing demands for security</li> <li>Continuous service development</li> </ul>   |  |
| SI             | Operation &<br>Maintenance               | <ul> <li>Full service line-ups for laaS</li> <li>SaaS/PaaS with partners</li> <li>Hybrid/Multi cloud solutions</li> <li>BigData, IIJ Raptor (FX application) etc.</li> </ul> | <ul> <li>Competitive advantage of SI with<br/>multi/private cloud</li> <li>Continuous service enhancement<br/>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.  |  |
| Equipr         | nent Sales                               | Operation & maintenance after construction   |  |  |

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



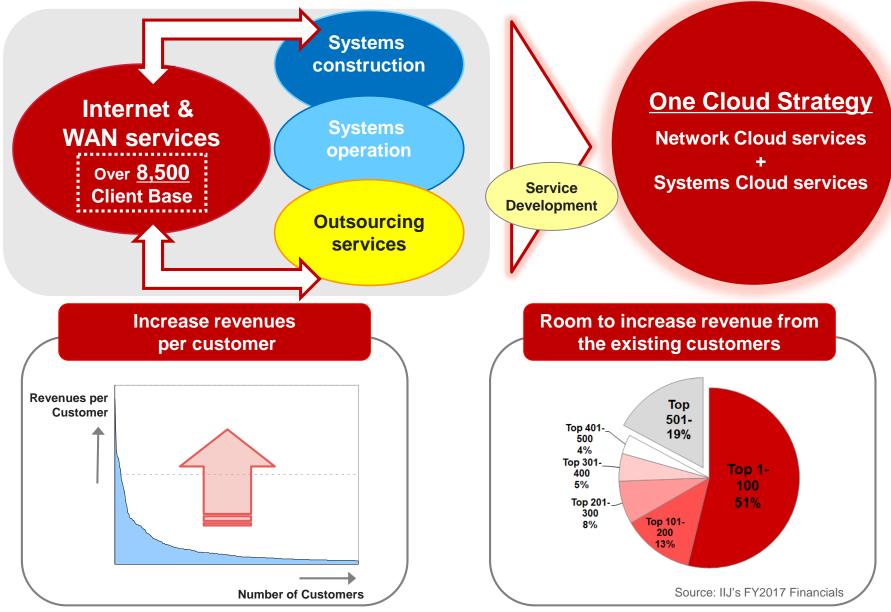
### **IIJ's differentiation points towards competitors**

- 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

Growth Strategy

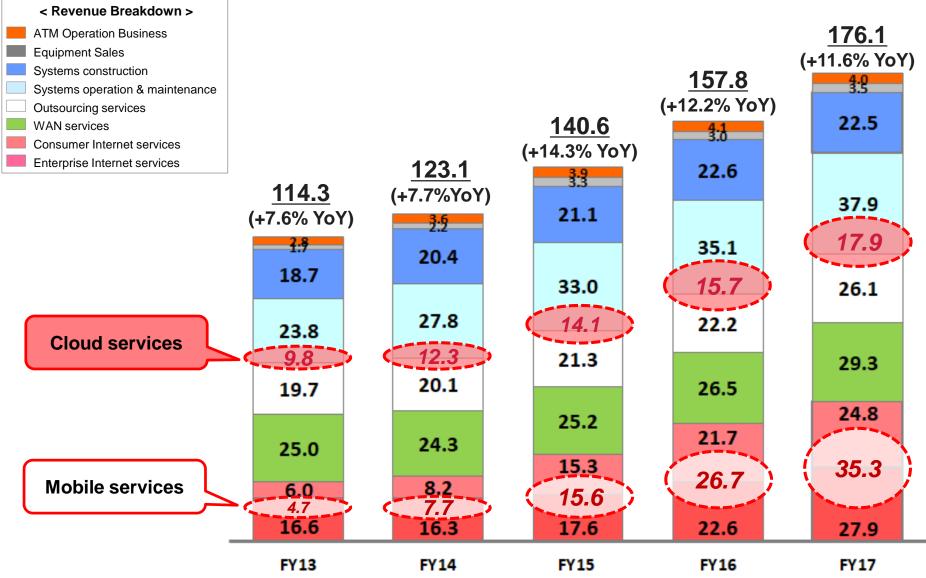


## **Leveraging Blue-chip Customer Base**

Growth Strategy

Unit: JPY billion

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



## **Cloud Business**

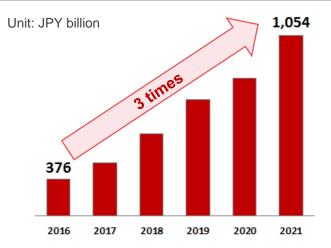
#### **Cloud Market in Japan**

- 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

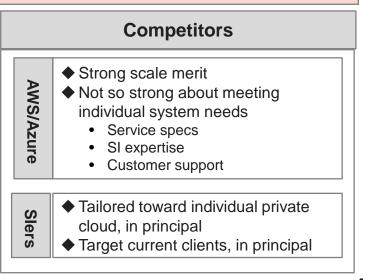
### **IIJ's Competitive Advantages**

- IIJ
- Integrate full-MVNO (data services), 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.





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



## **Cloud Business**

Growth Strategy

### 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



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



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

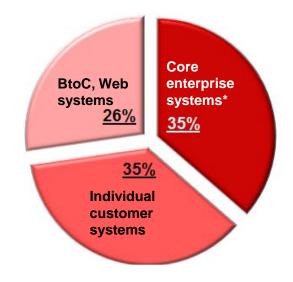
MRC JPY12 million

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



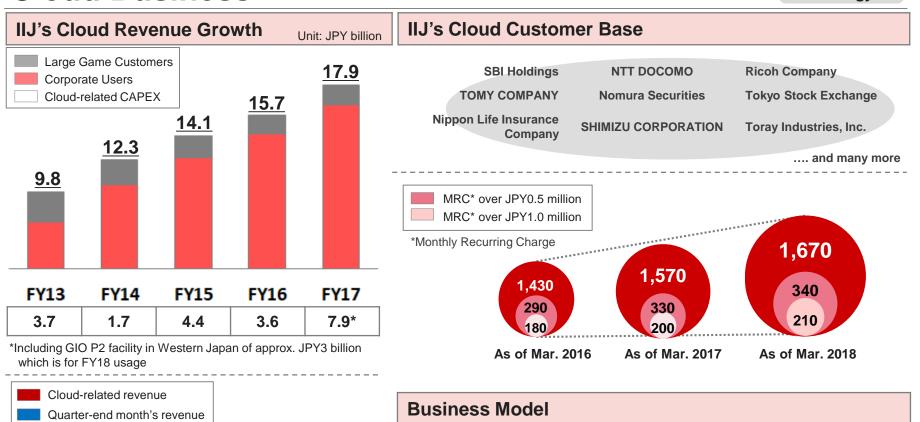
### IIJ GIO P2 System Usage

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



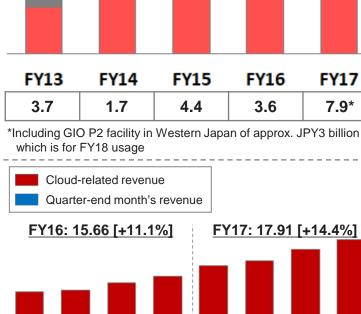
## **Cloud Business**

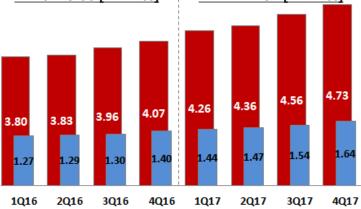
Growth Strategy



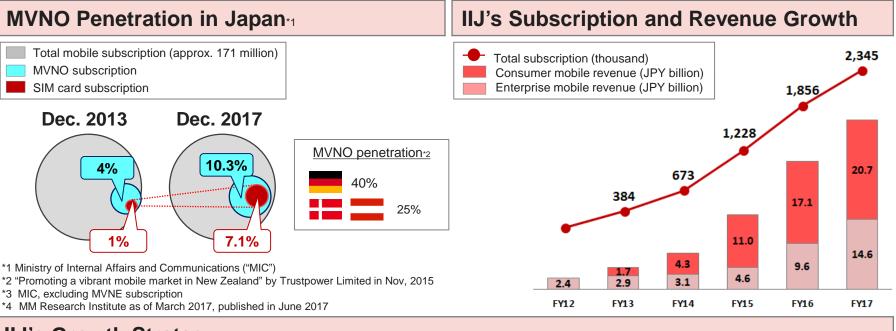
- Continuously invest in service facility and developments (servers, storage and datacenter)
- Benefit from large-scale service facility by improving utilization
- Energy-efficient container-type datacenter in country side





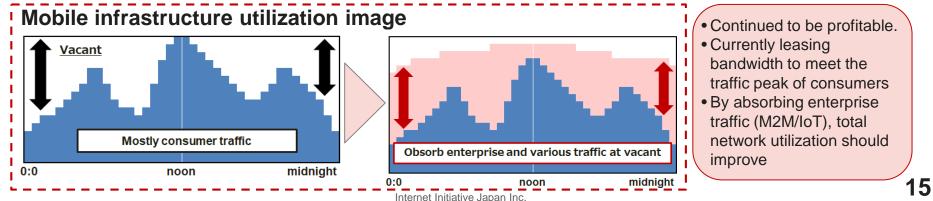


## **Mobile Business**



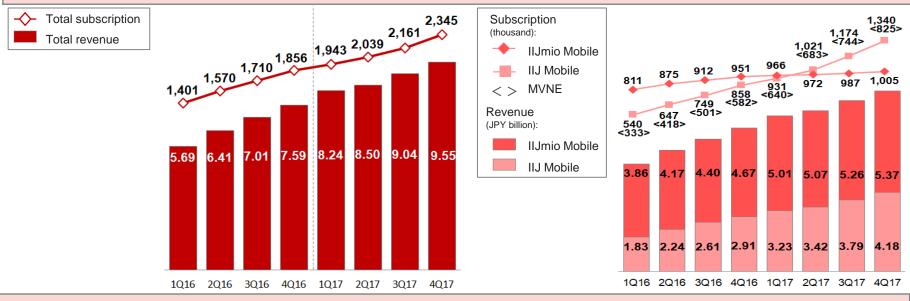
### **IIJ's Growth Strategy**

- 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 (supporting data services) targeting further IoT traffic (private global network, inventory control with flexible billing management for IoT usage, direct overseas roaming, chip SIM etc.)
  - ✓ 137 MVNE clients as of Mar. 2018 (retailers, CATV, EC vendors, SIers, manufacturers etc.)



## **Mobile Business**

#### Subscription (unit: thousand) and Revenue (unit: JPY billion)



#### **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

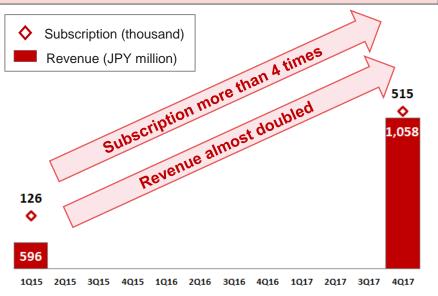
|             | IIJ                                      | Y!mobile  | UQ mobile                                       | Docomo "Simple"                                 | au "Pitatto"  |
|-------------|--|---|---|---|---|
| Monthly fee | fee ¥1,600 ¥3,980                        |   | ¥3,980  | ¥6,700  | ¥4,980  |
| Data volume | 3GB                                      | 1GB   | 1GB   | 2GB   | 1GB   |
| Voice       | Including basic fee for<br>voice service | Can call unlimited times if<br>each session is less than<br>10 mins                     |   |   |   |
| Others      | N/A                                      | 1 <sup>st</sup> 1yr at ¥1,980 and 2 <sup>nd</sup><br>yr at ¥2,980 if commit for<br>2yrs | First 14 months at ¥1,980<br>if commit for 2yrs | Monthly fee is ¥5,200<br>(including 2GB@¥3,500) | If commit for 2yrs, ¥3,780.<br>If commit for automatic<br>contract renewal for<br>every 2yrs, 1 <sup>st</sup> yr at<br>¥1,980 and from 2 <sup>nd</sup> yr at<br>¥2,980, |

## **Mobile Business**

### **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)



### First in Japan to launch full-MVNO services supporting data services

- Full-MVNO (supporting data services) 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)

- Launched full-MVNO (supporting data services) in Mar. 2018
  - Private global network, inventory control with flexible billing management for IoT usage, direct overseas roaming, chip SIM etc.
  - FY18 full-MVNO target revenue: approx. JPY0.5 billion
- > Expected total investment: approx. JPY4.5 billion
  - Increase in fixed network service cost by approx. JPY0.1 billion per month due to full-MVNO from 1Q18
    - ✓ HSS/HLR systems depreciation
    - ✓ NTT DOCOMO's network remodeling fee

## **IoT Business**

#### **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 supporting data services

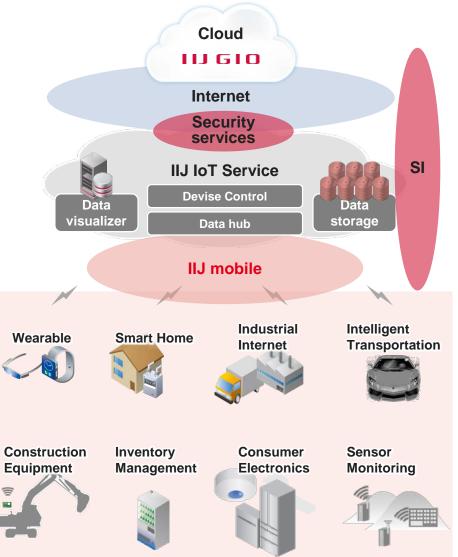
#### FY17- end: over 320 projects

| Sector  | Examples of usage   |
|---------|---|
| Factory | <ul> <li>Remote mgmt. and control of factory facility</li> <li>Predict machine failures, reduction in<br/>maintenance cost</li> </ul>         |
| 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  | <ul> <li>Analysis on consumers' movement from in-<br/>store cameras to create marketing data</li> <li>Monitoring waiting customers</li> </ul> |
| Housing | <ul> <li>Mgmt. of electricity with info from smart-meter</li> <li>IoT to consumer electronics and nursing care</li> </ul>                     |
| Others  | <ul> <li>Mgmt. for solar panels &amp; windmills</li> <li>Tracing products</li> </ul>  |

| < Gloss |                  | Agri. | Agriculture |
|---------|------------------|-------|-------------|
| PoC     | Proof of Concept | Log.  | Logistics   |
| Prj.    | Projects         | Inst. | Institution |
| Mgmt.   | Management       | Govt. | Government  |
| Temp.   | Temperature      | a/c   | account     |

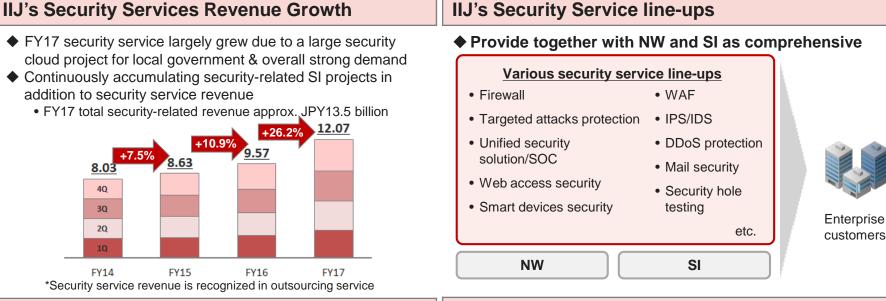
#### IIJ as IoT platform

#### IIJ provides necessary elements for IoT comprehensively



## **Security Business**

#### Growth Strategy



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

- ◆ First in Japan to provide firewall services (since 1994)
- DoS 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. 2.1 million accounts Web gateway service: approx. 1.2 million accounts

- 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<br>(IIJ senior managing executive officer)<br>Part-time directors: IIJ CEO, IIJ COO, IIJ CFO |  |

### **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**

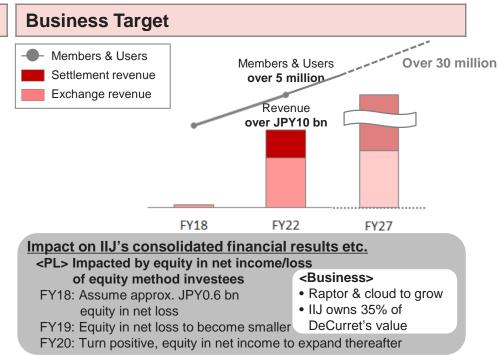
#### Providing cryptocurrency exchange and settlement services altogether

- 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.



## **FinTech Business**

### **Shareholders of DeCurret**

| Internet Initiative Japan | TOCHU  | QTnet                            | K-DPTI.COM                                |
|---------------------------|--|----------------------------------|---|
|                           | By your side, for life<br>DAI-ICHI LIFE<br>Dai-ichi Life Group |                                  | 大和証券グループ本社<br>Daiwa Securities Group Inc. |
| 東京海上日動                    | 💠 NISSAY   | NOMU                             | RA JR-EAST                                |
| BIC CAMERA                | MS&AD Mitsui Sumitomo  | Insurance                        | SMBC sumitomo mitsui banking corporation  |
| 🍐 Mitsui Fudosan          | MUFG Bank of   | <sup>-</sup> Tokyo-Mitsubishi Ul | FJ  |
| 💓 YAMATO HOLDINGS C       | O., LTD.   |                                  | entsu                                     |

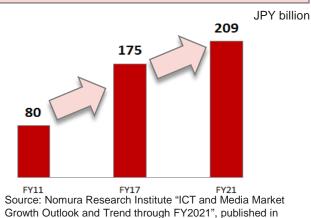
## **CDN (Contents Distribution Network) Business**

Growth Strategy

### **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**



Nov. 2015

### JV with Japanese Major Broadcasting Companies

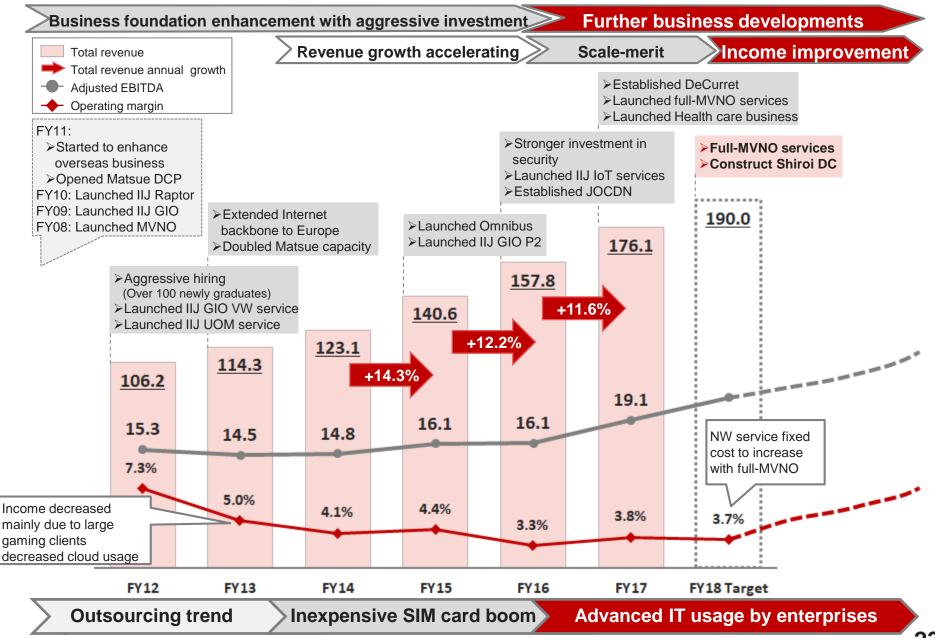
| -   |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
|   | Company name   | JOCDN Inc.   |  |  |  |  |  |
|   | Capital  | JPY710 million   |  |  |  |  |  |
|   | Establishment  | December 1, 2016   |  |  |  |  |  |
|   | Shareholders   | IIJ (20%), Nippon TV (14%), TV asahi (14%), TBS (14%), TV Tokyo (14%), Fuji TV (14%) and 10 more   |  |  |  |  |  |
|   | Management   | Chairman: Koichi Suzuki (IIJ)<br>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> |  |  |  |  |  |
| Enterprise<br>Internet<br>connectivity<br>Internet Initiative Japan<br>Ownership 20%<br>CDN service |  |  |  |  |  |  |  |
|   | <u>Nippon TV</u><br><u>Hu</u><br><u>Fuji Televis</u> | <u> </u>   |  |  |  |  |  |

Internet Initiative Japan Inc.

## **Mid-to-Long term Business Growth**

Unit: JPY billion

Growth Strategy



## Summary of FY2017 Financial Results

bn = billion % =Year over year comparison \*Income before income tax expense \*\*Net income attributable to IIJ

#### Financials

| Revenue          | JPY176.1 bn | +11.6% | Adjusted EBITDA                | JPY19.1bn | +18.7% |
|------------------|-------------|--------|--------------------------------|-----------|--------|
| Gross margin     | JPY28.2 bn  | +11.8% | ROE                            | 7.3%      |        |
| Operating income | JPY6.8 bn   | +31.7% | Annual cash dividend per share | JPY27.00  |        |
| Pre-tax income*  | JPY7.8 bn   | +44.5% |                                |           |        |
| Net income**     | JPY5.1 bn   | +61.3% |                                |           |        |

Strong position as a service provider with recurring revenue continuous growth, Further business developments like FinTech by leveraging business assets

+14.0%

| ٠ | Enter | prise | NW | service | revenue | largel | y grew |
|---|-------|-------|----|---------|---------|--------|--------|
|   |       |       |    |         |         |        |        |

#### **Recurring revenue**

- Enterprise connectivity revenue +23.5%
- Security service revenue +26.2%
- WAN revenue +10.7%

#### > Leveraging various NW services toward enterprises

- Omnibus, DDoS protection, SOC, and Virtual desktop services especially led the growth
- Particularly large security cloud project for local government also contributed to recurring revenue growth

### Competitive advantage of SI with Multi/Private

#### <u>Cloud</u>

- Cloud revenue JPY17.9 bn (+14.4%)
  - Continuously acquiring large projects with private cloud service line-ups including VMware virtualization platform service, GIO P2, Unified Operation Management (UOM)
- > Systems operation and maintenance +7.9%
  - Comprehensive solution with Cloud + Security + NW + SI

#### Overseas business: Revenue JPY6.1 bn, Turned positive as planned

Expanding business with global solution for domestic customer base, overseas JV, GDPR consultation etc.

◆ Differentiate from others with IoT projects & MVNE

| Total mobile revenue      | JPY35.3 bn (+32.3%)               |
|---------------------------|-----------------------------------|
| Total mobile subscription | 2.3 million (+26.4%)              |
| FY2017-end MVNE clients   | 137 (+13 clients from FY2016-end) |

- > Over 320 IoT-related prospective projects as of Mar. 2018
  - Accumulating sales prospects & PoC from manufacturers and others: Connected homes & cars; remote monitoring for agriculture, fisheries, factory, facility; security cameras, embedding SIM for clients' products and more
- > Launched Full MVNO services (Mar. 2018)
  - Starting to offer IIJ-original functions such as SIM life cycle management, flexible collaboration with overseas companies, Chip SIM etc.

#### Further Business Developments

- Established DeCurret Inc. (IIJ ownership 35%) to provide cryptocurrency exchange & settlement services; Shareholders include mega banks; Plan to launch services from 2H18
- Japanese commercial broadcasting companies invested in JOCDN Inc. in Apr. 2017 (IIJ ownership 20%); Providing CDN services to 15 clients including broadcasting companies & large contents holder
- Constructing of own data center near Tokyo; Expect better productivity with integrated service facility
- Providing home-based healthcare solution "IIJ electronic contact/communication Note service" to local governments such as Aichi, Ibaraki and Nagano as well as medical institutions

#### Financials

# Aim to increase income with continuous recurring revenue growth while full-MVNO-related costs increase,

Seek significant income growth in FY19 by strengthening revenue accumulation

|                                    | % of Revenues           | % of Revenues           |           |       |                     |
|------------------------------------|-------------------------|-------------------------|-----------|-------|---------------------|
|                                    | FY17 Results            | FY18 Target             | YoY C     | hange |                     |
|                                    |                         | (Apr. 2018 - Mar. 2019) |           | •     | m                   |
|                                    | (Apr. 2017 - Mar. 2018) | (Apr. 2016 - Mar. 2019) |           |       | nt                  |
| Total Revenues                     | 176.1                   | 190.0                   | +13.9     | +7.9% | erprise             |
|                                    | 84.0%                   | 84.3%                   |           |       | V                   |
| Total Cost of<br>Revenues          | 147.8                   | 160.2                   | +12.4     | +8.4% | <                   |
|                                    | 16.0%                   | 15.7%                   |           |       | ise NW Mobile & IoT |
| Gross Margin                       | 28.2                    | 29.8                    | +1.6      | +5.6% | Mob                 |
| -                                  | 12.2%                   | 12.0%                   |           |       | ile                 |
| SG&A/R&D                           | A/R&D 21.5              | 22.8                    | +1.3      | +6.3% | & IoT               |
| -                                  | 3.8%                    | 3.7%                    |           |       |                     |
| Operating Income                   | 6.8                     | 7.0                     | +0.2      | +3.5% |                     |
| Cash Dividiend per<br>common share | JPY27.00                | JPY27.00                | -         | -     | Cloud/S             |
| > Overseas                         | Revenue JPY7.0          | billion, OP JPY0.       | 1 billion |       |                     |

• In addition to NW services and SI, GDPR consultation and others to expand global solution offerings

- Consolidated subsidiaries in Asia as a whole turn positive
- JOCDN to provide full-scale CDN service

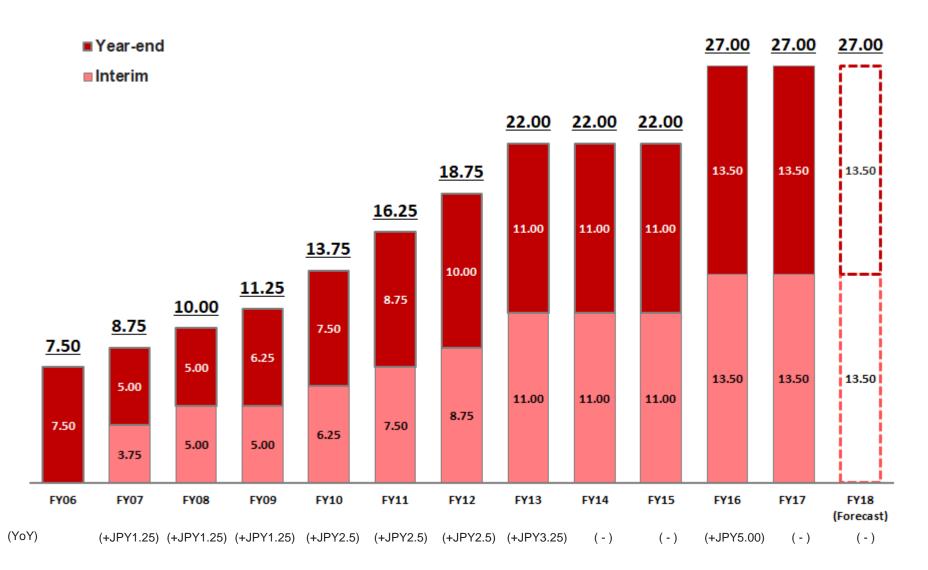
Others

> DeCurret plans to launch cryptocurrency exchange service

| Target & As | sumption |
|-------------|----------|

| Enterprise NW | <ul> <li>Strengthen income level with continuous revenue accumulation of already invested service line-ups</li> <li>Enhance xSP-targeted sales structure</li> <li>Security services to further increase with DDoS protection and SOC</li> <li>Leveraging security log and cyber threats information obtained as an ISP to apply to our services</li> <li>IP service to expand with CDN traffic through JOCDN</li> </ul>  |
|---------------|--|
| Mobile & IoT  | <ul> <li>Focus on acquiring and gathering enterprise traffic through IoT/M2M</li> <li>Expect mobile profitability to improve in the mid-term</li> <li>Security, Cloud, SI revenues to increase with IoT projects</li> <li>MVNE business to grow continuously along with increase in clients and subscription</li> <li>Collaborate IIJ IoT Services &amp; full-MVNO functions to establish B2B2X scheme; Leverage case studies to accelerate the penetration</li> </ul> |
| Cloud/SI      | <ul> <li>SI profitability to improve with an increase in SE utilization rate etc.</li> <li>Further enhance to acquire Multi/Private cloud demands</li> <li>Collaboration with NW services such as security</li> <li>Focus on Unified Operation Management (UOM) services</li> <li>Cloud revenue JPY20 billion (+11.7% YoY)</li> <li>Cloud gross margin to improve with revenue growth</li> </ul>   |
| Divider       | Accordingly with our basic policy of continuous and<br>stable dividend policy, JPY27.00 per common share   |

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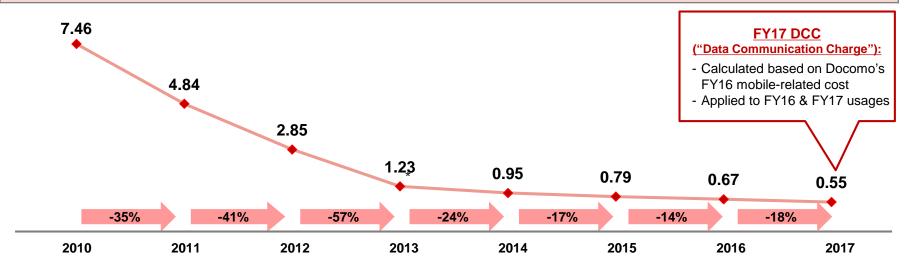


\*IIJ conducted a 1:200 stock split on common stock with an effective date of October 1, 2012. Dividend figures shown below are retroactively adjusted to reflect the stock split.

## Data Communication Charge for MVNO (NTT Docomo)

Appendix

### 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)

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

|        | (1) Docomo's<br>payment<br>arrangement | (2) IIJ's estimation | (3) Actual<br>results |
|--------|--|----------------------|-----------------------|
| FY14   | 40%                                    | 40%                  | 24%                   |
| FY15   | 25%                                    | 15%                  | 17%                   |
| FY16   | 15%                                    | 12%                  | 14%                   |
| FY17** | 15%                                    | 14%                  | 18.2%*                |

(\*) Fixed in March 2018

(\*\*) IIJ's fiscal year ended March 31, 2018

**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
- FY18 DCC payment has been deducted 15% from 1Q18 by Docomo's arrangement

(1) Fixed in April

(2) Fixed based on (1)

(3) Fixed next March

## 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)
    - $\checkmark$  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 <ul> <li>Phase 1: approx. 1,000 racks with approx. JPY8.0 bn CAPEX</li> </ul>                                       |  |  |
| Accommodation   | <ul><li>Service facility, data center housing services etc.</li><li>Mainly to meet the middle-to-long term eastern Japan data center demand</li></ul> |  |  |
| 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 & AI for cooling & energy control, and automated operations with robotics technology etc.

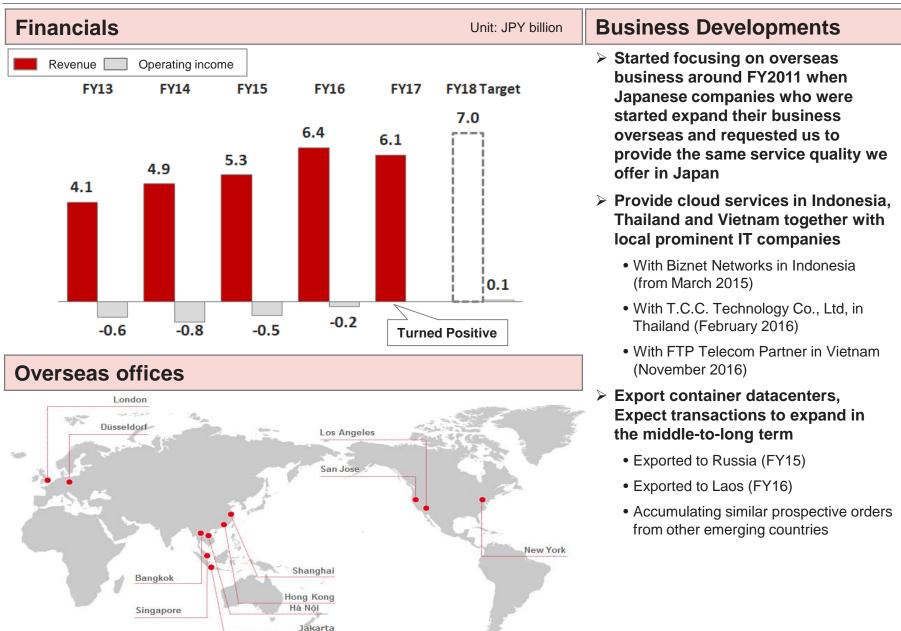
### New Data Center Image



#### 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**



## **ATM Operation Business**

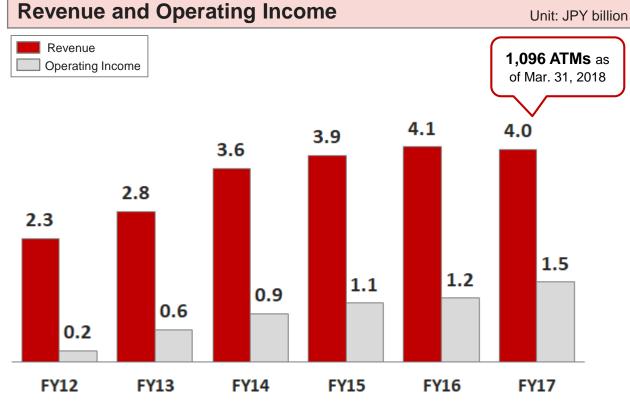
### **Business Model**

- Similar to "Seven Bank" model, high profitability
  - Seven Bank: 24,392 ATMs, revenue JPY127.7 billion, profit ratio 30.0% (as of March 31, 2018)
- > Placing ATMs in Pachinko parlors in Japan with dominant position
  - 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

### **Trust Networks Inc.**

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







## **Corporate Governance**

T. Michishita

K. Ohira

Attorney at Law

| Fully Complied w   | ith the Sarbanes-Oxley Act   | Business Operation Covering the entire Group   |  |  |
|--|--|--|--|--|
| <ul> <li>Have implemented outside directors since 2004</li> <li>Have implemented SOX – based operation from the enactment of the SOX Act</li> <li>Evaluate the effectiveness of internal control over financial reporting based on COSO</li> <li>Report to the U.S. Security and Exchange Commission ("SEC") with the U.S. GAAP</li> </ul> |  | <ul> <li>17 subsidiaries, 9 equity method investees</li> <li>Implement group-wide Code of Ethics</li> <li>Pursue comprehensive business operation by assigning IIJ directors as group companies outside directors</li> <li>Consolidated-based internal audit</li> <li>The headquarters of most group companies are the same as IIJ's headquarter, allowing daily active communication</li> </ul> |  |  |
| Directors with Abundant Experience   |  | ESG in the nature of IIJ business  |  |  |
| <u>4 outside directors among 12 BOD members,</u><br><u>6 independent directors among 16 directors*</u><br>* Including auditors   |  | <ul> <li>Contributed greatly to expand Internet in Japan<br/>as the first comprehensive commercial ISP in<br/>Japan</li> </ul>   |  |  |
| <ul> <li>Outside direc</li> <li>T. Tsukamoto</li> <li>Y. Tanahashi</li> <li>S. Oda</li> <li>T. Okamura</li> </ul>  | tors<br>Former Chairman of Mizuho Bank<br>Former Chairman of NSSOL<br>Former President of HP Japan<br>Former Chairman of Toshiba | <ul> <li>Business philosophy works as the foundation of the control environment</li> <li>We commit ourselves to take initiatives continuously in the field of Internet technology to open up network society's unlimited possibilities.</li> <li>We contribute to make sure network society operates at its best by developing and introducing highly</li> </ul>                                 |  |  |
| <ul> <li><u>Outside audit</u></li> <li>Y. Akatsuka</li> </ul>  | cpa  | reliable and highly value-added IT services to support<br>social infrastructure<br>3. We aim to offer a working environment where our  |  |  |

3. 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.

# FY2017 Consolidated Financials Results

# Announced on May 15, 2018

## **Consolidated Financials for FY17**

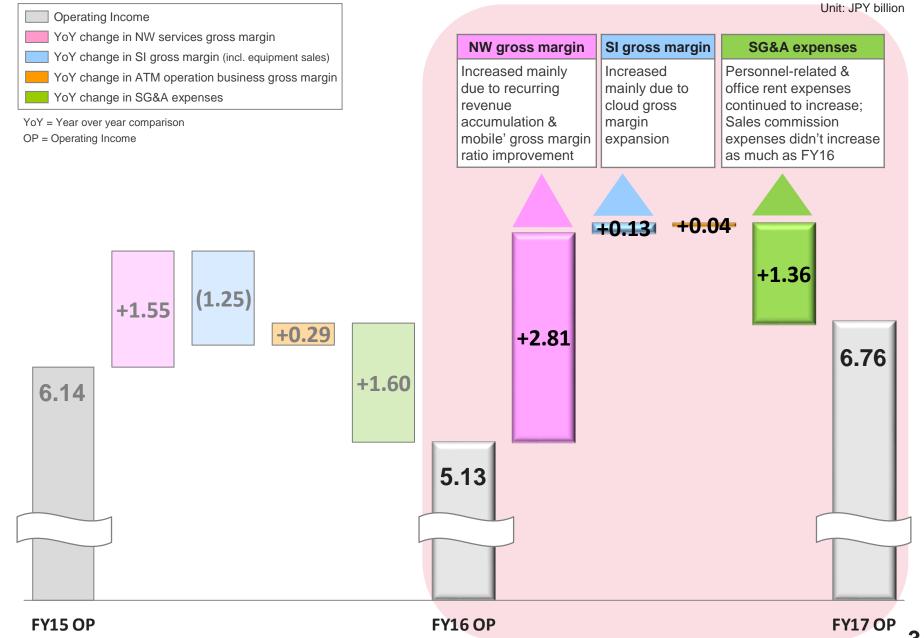
Unit: JPY billion

|                           | % of Revenues           | % of Revenues           |                       |       |
|---------------------------|-------------------------|-------------------------|-----------------------|-------|
|                           | FY17 Results            | FY16 Results            | Year over Year Change |       |
|                           | (Apr. 2017 - Mar. 2018) | (Apr. 2016 - Mar. 2017) |                       |       |
| Total Revenues            | 176.1                   | 157.8                   | +11.6%                | +18.3 |
| Total Cost of             | 84.0%                   | 84.0%                   |                       |       |
| Total Cost of<br>Revenues | 147.8                   | 132.5                   | +11.5%                | +15.3 |
| Gross Margin              | 16.0%                   | 16.0%                   |                       |       |
|                           | 28.2                    | 25.2                    | +11.8%                | +3.0  |
| SG&A/R&D                  | 12.2%                   | 12.7%                   |                       |       |
|                           | 21.5                    | 20.1                    | +6.8%                 | +1.4  |
|                           | 10.9%                   | 10.2%                   |                       |       |
| Adjusted EBITDA*1         | 19.1                    | 16.1                    | +18.7%                | +3.0  |
|                           | 3.8%                    | 3.3%                    |                       |       |
| Operating Income          | 6.8                     | 5.1                     | +31.7%                | +1.6  |
| Income before             | 4.5%                    | 3.4%                    |                       |       |
| Income Tax<br>Expense     | 7.8                     | 5.4                     | +44.5%                | +2.4  |
| Net Income*2              | 2.9%                    | 2.0%                    |                       |       |
|                           | 5.1                     | 3.2                     | +61.3%                | +1.9  |

\*1: Operating income before depreciation and amortization \*2: Net income attributable to IIJ

## **Consolidated Financial Results for FY2017 (2)**

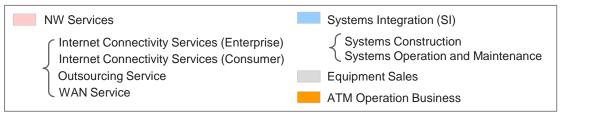
**Financials** 



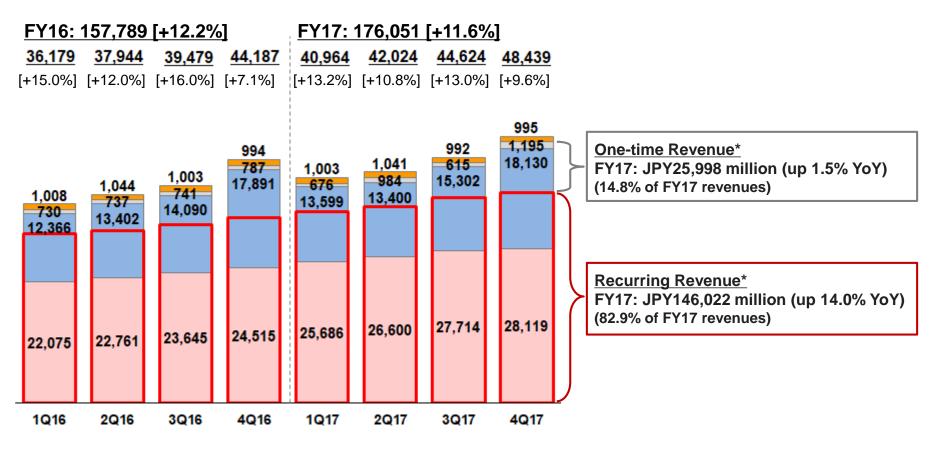
Internet Initiative Japan Inc.

## Revenues

#### **Financials**



Unit: JPY million ], YoY = Year over year comparison

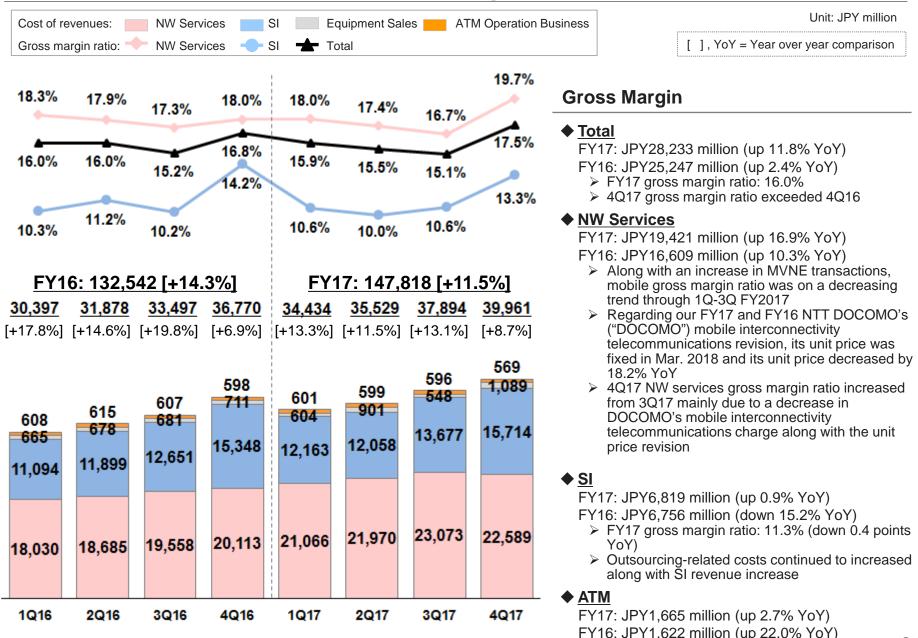


\* One-time revenues, which are systems construction and equipment sales, are recognized when systems or equipment are delivered and accepted by customers

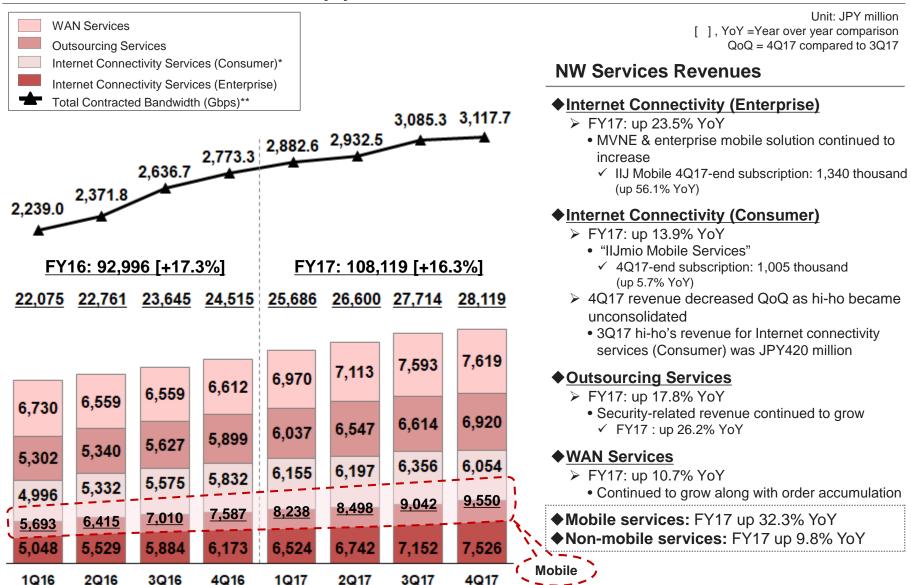
\* Recurring revenues represent the following monthly recurring revenues: Internet Connectivity Services for Enterprise, Internet Connectivity Services for Consumer, Outsourcing Services, WAN Services, and Systems Operation and Maintenance

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

**Financials** 



## Network Services (1)Revenues



\* 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 services for consumer, on Dec. 31, 2017

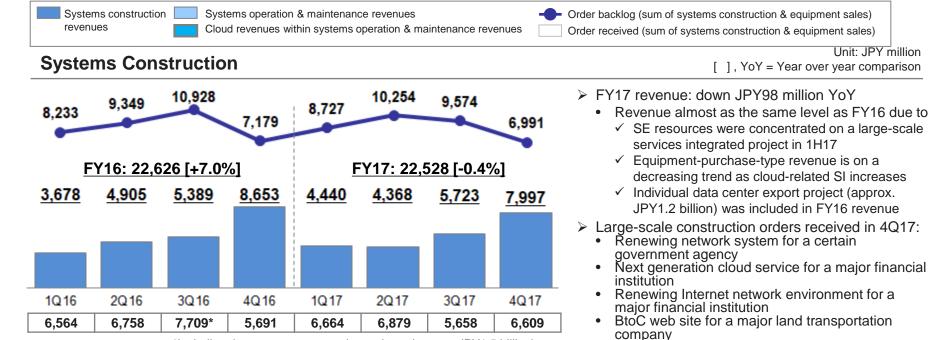
\*\* Total contracted bandwidth is calculated by multiplying number of contracts by contracted bandwidths respectively for IP service, data center connectivity service and IIJ FiberAccess/F and IIJ DSL/F of Internet connectivity services (Enterprise).

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

|  |   |   | Unit: JPY million   |
|--|---|---|---|
| Outsourcing-related costs  |   |   | [ ], YoY =Year over year comparison   |
| Others   |   |   | Cost of NW Services   |
| Personnel-related costs  |   |   |   |
| Network operation-related costs  |   |   | ➢ FY17: up 16.1% YoY  |
| EY16: 76,387 [+18.9%]<br><u>18,030</u> <u>18,685</u> <u>19,558</u> <u>20,113</u>                     | FY17: 88,69   |   | <ul> <li>Along with an increase in mobile traffic, mobile-related costs (mainly in outsourcing-related costs) increased</li> <li>Along with continuous network equipment installation and service developments, network operation-related costs increased</li> <li>Along with increases in WAN revenues and continuous network expansion, circuit-related costs increased. 4Q17 circuited-related costs decreased QoQ mainly due to the decrease related to hi-ho which became unconsolidated</li> </ul>  |
|  | 7 571 8,152   | 8,575 8,016   | 4Q17 outsourcing-related costs decreased QoQ as<br>retroactively adjusted cost related to DOCOMO's<br>mobile interconnectivity cost resulted in our cost<br>decrease (estimate: 14% YoY decrease, actual:<br>18.2% YoY decrease)  |
| 5,9626,2516,8627,0851,0911,1691,2891,3891,3041,3571,3211,3812,7342,8502,8592,9616,9387,0597,2277,297 | 7,571       8,152         1,495       1,566         1,408       1,438         3,118       3,158         7,474       7,656 | 1,622       1,803         1,461       1,434         3,185       3,304         8,230       8,031 | <ul> <li>Regarding NTT DOCOMO's ("DOCOMO") mobile interconnectivity cost recognition:</li> <li>Regarding our FY17 &amp; FY16 usage charge, DOCOMO's mobile interconnectivity telecommunications charge was fixed in Mar. 2018 and its unit price decreased by 18.2% YoY.</li> <li>Regarding our FY18 &amp; FY17 usage charge, DOCOMO's mobile interconnectivity telecommunications charge, which is calculated based on DOCOMO's FY17 mobile-related cost, is expected to be fixed in Mar. 2019. DOCOMO's payment arrangement is 15% off temporarily from Apr. 2018 which is the same as FY17.</li> </ul> |
| 1Q16 2Q16 3Q16 4Q16  | 1Q17 2Q17   | 3Q17 4Q17   | <ul> <li>For FY18, we adopt certain assumption about<br/>DOCOMO's mobile interconnectivity charge in the same<br/>way as FY17</li> </ul>  |

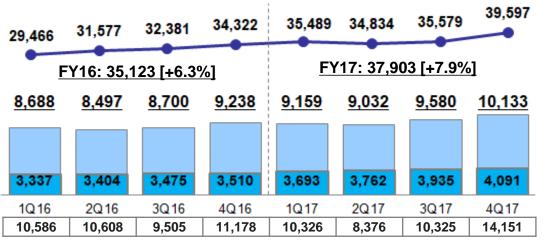
### Systems Integration (SI) (1) Revenues

#### **Financials**



\*Including data center export project to Laos (approx. JPY1.5 billion)

### **Systems Operation & Maintenance**



> FY17 revenue: up JPY2,780 million YoY

services company etc.

Continuous revenue growth mainly due to the accumulation of systems construction which are migrated to systems operation & maintenance phase as well as continuous increase in private cloud revenue

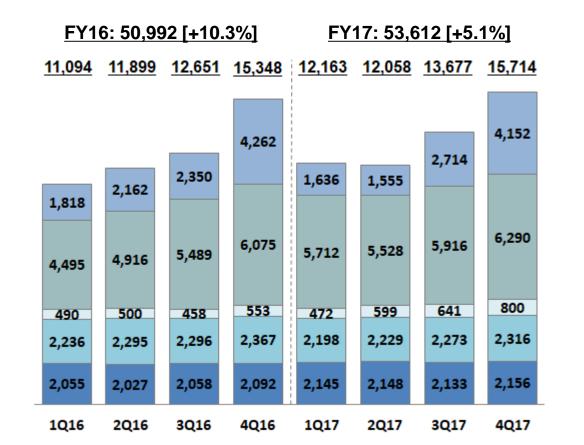
Network for a major wholesale company

Core business infrastructure for a major recruiting

- 4Q17 revenue from private cloud: up 16.5% YoY
- 4Q17 revenue from SI construction: up 5.5% YoY
- 86.4% of 4Q17 cloud-related revenue is recognized in systems operation and maintenance revenues (13.6% in outsourcing)

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

Purchasing costs
 Outsourcing-related costs
 Others
 Network operation-related costs
 Personnel-related costs



### Cost of SI

- ➢ FY17: up JPY2,620 million YoY
  - 4Q17-end number of SI-related outsourcing personnel: 1,054 personnel
    - ✓ 4Q17-end number of SI-related outsourcing personnel decreased QoQ mainly because a large-scale cloud/SI project for a major BtoC company was completed

Unit: JPY million

[ ], YoY = Year over year comparison QoQ = 4Q17 compared to 3Q17

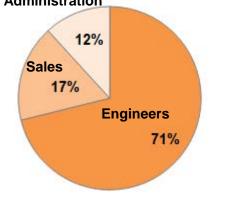
## **Number of Employees**

Contract worker Full time worker

Unit: JPY million YoY = Year over year comparison

**Employee Distribution** <u>3,110</u> 3,124 3,108 3,104 3,234 3,239 3,222 3,203 Administration 265 262 260 268 12% 320 321 297 291 Sales 17% Engineers 71% 2,977 2.969 2.962 2,935 2,804 2,811 2,813 2,789 (148 in Apr. 2017, 137 in Apr. 2016) 2016/6 2016/9 2016/12 2017/3 2017/6 2017/9 2017/12 2018/3

| Personn                 | el related       | costs & e        | expenses         | (% of revenue)   |                         |                  |                         |  |
|-------------------------|------------------|------------------|------------------|------------------|-------------------------|------------------|-------------------------|--|
| 1Q16                    | 2Q16             | 3Q16             | 4Q16             | 1Q17             | 2Q17                    | 3Q17             | 4Q17                    |  |
| <b>5,464</b><br>(15.1%) | 5,446<br>(14.4%) | 5,432<br>(13.8%) | 5,635<br>(12.8%) | 5,797<br>(14.2%) | <b>5,784</b><br>(13.8%) | 5,775<br>(12.9%) | <b>5,843</b><br>(12.1%) |  |
| FY16:                   | : 21,977 (1:     | 3.9%) +3.9       | %YoY             | FY17:            | : 23,199 (1             | 3.2%) +5.6       | %YoY                    |  |



◆ 4Q17: up JPY208 million, up 3.7% YoY

♦ Hired 175 new graduates in Apr. 2018

### SG&A Expenses/R&D

Research & development expenses
 General & administrative expenses
 Sales & marketing expenses
 ( ) % of total revenues

| <u>FY1</u>                    | 6: 20,1                       | <u>13 [+12</u>                | .7%]            | FY                            | 17: 21,4        | 71 [+6.                       | <u>8%]</u>                    |
|-------------------------------|-------------------------------|-------------------------------|-----------------|-------------------------------|-----------------|-------------------------------|-------------------------------|
| <mark>4,946</mark><br>(13.7%) | <mark>4,955</mark><br>(13.1%) | <mark>4,774</mark><br>(12.1%) |                 | <mark>5,406</mark><br>(13.2%) |                 | <mark>5,270</mark><br>(11.8%) | <mark>5,491</mark><br>(11.3%) |
| 124                           | _121_                         | 110                           | 112             | 127                           | 124             | 108                           | 128                           |
| 2,056<br>(5.7%)               | 1,965<br>(5.2%)               | 110<br>1,908<br>(4.8%)        | 2,286<br>(5.2%) | 2,130<br>(5.2%)               | 2,002<br>(4.8%) | <b>1,938</b><br>(4.3%)        | 2,226<br>(4.6%)               |
| <b>2,766</b><br>(7.6%)        | <mark>2,869</mark><br>(7.6%)  | <b>2,756</b><br>(7.0%)        | 3,039<br>(6.9%) | 3,149<br>(7.7%)               | 3,178<br>(7.6%) | 3,224<br>(7.2%)               | 3,137<br>(6.5%)               |
| 1Q16                          | 2Q16                          | 3Q16                          | 4Q16            | 1Q17                          | 2Q17            | 3Q17                          | 4Q17                          |

**Financials** 

Unit: JPY million [ ], YoY =Year over year comparison QoQ = 4Q17 compared to 3Q17

#### Sales & marketing expenses

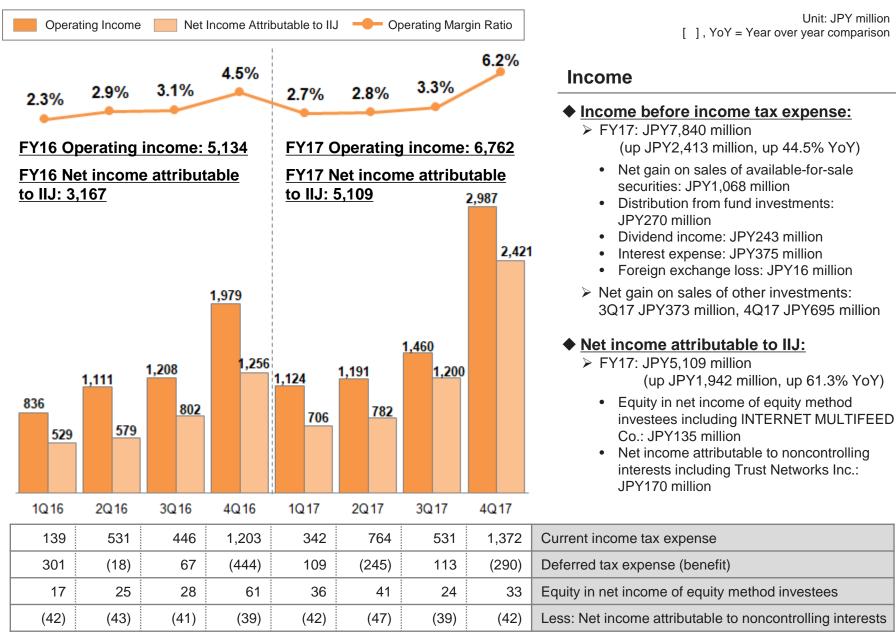
- ➢ FY17: up 11.0% YoY
  - Advertising expenses, sales commission expenses, and personnel-related expenses increased
  - Sales commission expenses: up approx. JPY0.3 billion YoY

#### General & administrative expenses

- ➢ FY17: up 1.0% YoY
  - Personnel-related expenses increased
- ≻ 4Q17
  - Increased QoQ mainly due to disposal (JPY50 million)

| <u>bu3i</u> | <u>ness</u> |      |      |      |      |      |      |
|-------------|-------------|------|------|------|------|------|------|
| 1Q16        | 2Q16        | 3Q16 | 4Q16 | 1Q17 | 2Q17 | 3Q17 | 4Q17 |
| 43.5        | 51.1        | 42.9 | 47.0 | 35.5 | 44.8 | 36.4 | 38.4 |

## **Operating Income & Net Income**



**Financials** 

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

**Financials** 

|  |                |                |                | Unit: JPY million                          |
|--|----------------|----------------|----------------|--|
|  | Mar. 31, 2017  | Mar. 31, 2018  | Changes        |  |
| Cash and Cash Equivalents                          | 21,959         | 21,403         | (556)          |  |
| Accounts Receivable                                | 27,384         | 31,831         | +4,447         |  |
| Inventories  | 2,798          | 1,715          | (1,084)        | Increased mainly due to DeCurret Inc.      |
| Prepaid Expenses (Current and Noncurrent)          | 14,218         | 16,409         | +2,191         |  |
| Investments in Equity Method Investees             | 3,150          | 5,246          | +2,096         | Increased mainly due                       |
| Other Investments                                  | 7,925          | 11,374         | +3,450         | to an increase in the fair value of equity |
| Property and Equipment                             | 39,775         | 46,414         | +6,639         | securities including                       |
| Goodwill and Other Intangible Assets               | 9,257          | 8,787          | (469)          | strategic                                  |
| Guarantee Deposits                                 | 3,060          | 3,422          | +362           | shareholdings such<br>as Recruit Holdings  |
| Total Assets:                                      | <u>137,395</u> | <u>153,449</u> | <u>+16,054</u> | Co., Ltd. &<br>SIGMAXYZ Inc.               |
| Accounts Payable                                   | 16,962         | 16,399         | (563)          |  |
| Income Taxes Payable                               | 1,076          | 1,928          | +852           | Increased due to                           |
| Borrowings (Short-term and Long-term)              | 17,750         | 24,750         | +7,000         | capital expenditure                        |
| Capital Lease Obligations (Current and Noncurrent) | 15,203         | 16,577         | +1,373         |  |
| Total Liabilities:                                 | <u>70,015</u>  | <u>79,460</u>  | <u>+9,445</u>  |  |
| Common Stock                                       | 25,509         | 25,512         | +2             |  |
| Additional Paid-in Capital                         | 36,118         | 36,176         | +58            |  |
| Retained earnings                                  | 4,512          | 8,404          | +3,892         | Increased mainly due to an increase in the |
| Accumulated Other Comprehensive Income             | 2,500          | 5,075          | +2,575         | fair value of                              |
| Treasury stock                                     | (1,897)        | (1,897)        |                | investment securities                      |
| Total IIJ Shareholders' Equity:                    | <u>66,742</u>  | <u>73,270</u>  | <u>+6,528</u>  |  |

> Total IIJ Shareholders' Equity to Total Assets: 48.6% as of Mar. 31, 2017; 47.7% as of Mar. 31, 2018

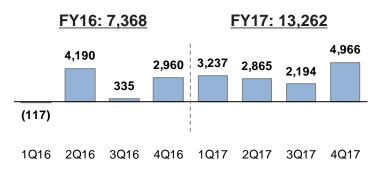
### **Consolidated Cash Flows**

.....

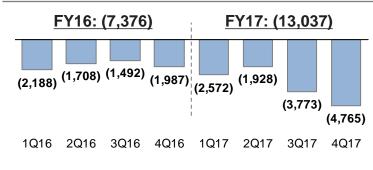
YoY = Year over year comparison

Unit: JPY million

#### **Operating Activities**



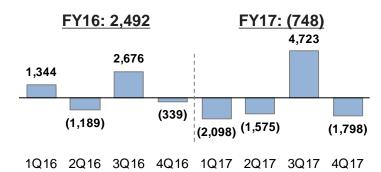
#### **Investing Activities**



|  | Major Breakdown | YoY Change |
|--|-----------------|------------|
| Net income                                       | 5,279           | +1,947     |
| Depreciation and amortization                    | 12,365          | +1,471     |
| Net gain on sales of other investments           | (1,068)         | (852)      |
| Fluctuations of operating assets and liabilities | (3,526)         | +3,500     |
|  |                 |            |

|  | Major Breakdown | YoY Change |
|--|-----------------|------------|
| Purchase of property and equipment   | (15,771)        | (5,147)    |
| Proceeds from sales of property & equipment<br>(mainly lease-back transaction) | 3,306           | +260       |
| Investment in an equity method investee  | (2,005)         | (1,906)    |
| Proceeds from sale of stock of a subsidiary (net of cash divested)             | 726             | +726       |
| Proceeds from sales of available-for sale securities                           | 1,207           | +1,202     |

#### **Financing Activities**



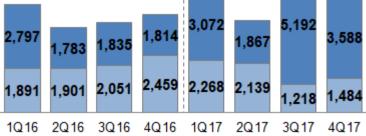
|   | Major Breakdown | YoY Change |
|---|-----------------|------------|
| Principal payments under capital leases | (5,724)         | (904)      |
| Dividends paid                          | (1,217)         | (91)       |
| Long-term bank borrowings               | 7,000           | (1,500)    |
| Payment of long-term accounts payable   | (571)           | (541)      |

## **Other Financial Data (CAPEX etc.)**

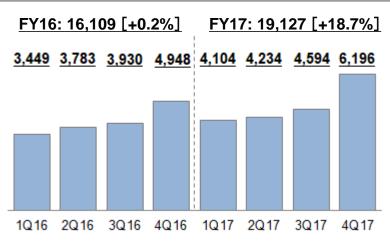
#### **Financials**

#### CAPEX

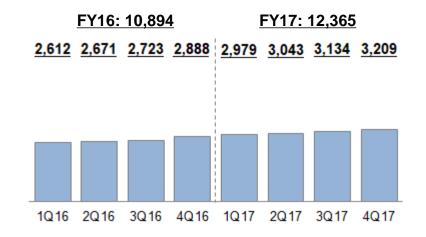
#### Cloud-related: JPY7.9 billion Cash CAPEX (Including GIO P2 facility in Western Japan of **Capital Lease** approx. JPY3 billion which is for FY18 usage) >Ordinary CAPEX (i.e. NW expansion): JPY11.7 billion (almost the same volume as usual) Shiroi data center-related: JPY1.2 billion FY16: 16.531 FY17: 20,828 4,688 3,684 3,886 4,273 5,340 4,006 6,410 5,072 3,072 5.192 1.814 3.588 1.867 .835



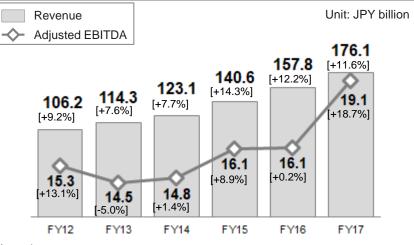
### **Adjusted EBITDA**



### **Depreciation and Amortization**



### **Revenue & Adjusted EBITDA Annual Growth**

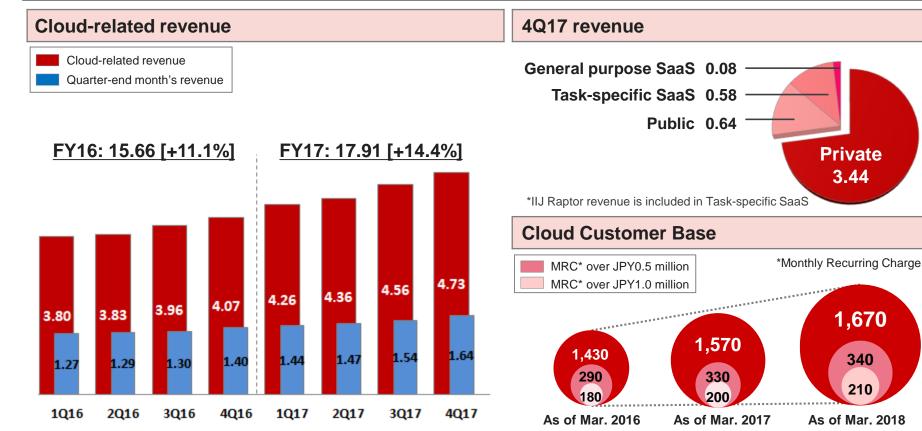


Internet Initiative Japan Inc.

## **Cloud Business**

Unit: JPY billion
[], YoY = Year over year comparison

#### **Financials**



### FY17 Results

- Resulted almost as planned with continuous revenue accumulation including large projects
  - Core business operation system for a prominent travel agency's service platform, multi-cloud system for a prominent logistics company, service platform for a large online business company etc.
  - Cloud gross margin increased by approx. JPY0.4 billion from FY16, almost as planned
  - Large gaming clients' revenue at approx. 8% towards the total cloud revenue

### ♦ FY18 Plan

- > FY18 revenue target: approx. JPY20.0 billion (up 11.7%YoY)
  - Continuously accumulating revenue by executing enterprise demands-suited multi/private cloud strategy with GIO P2, VMware virtualization platform service, UOM etc.

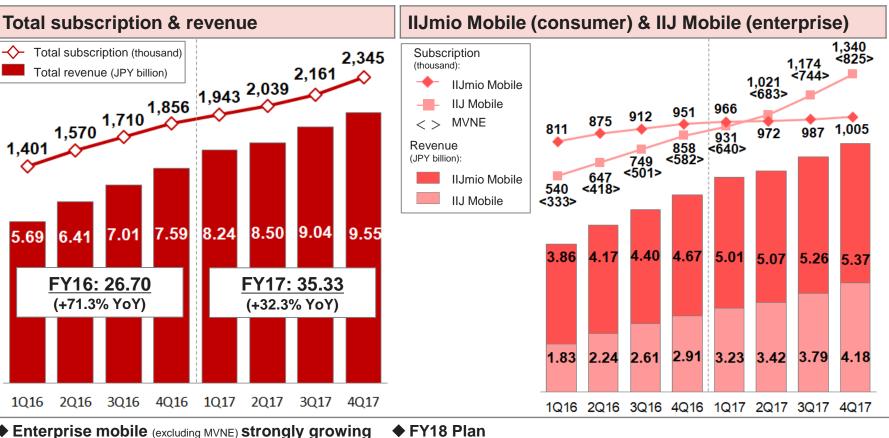
### 4Q17 Cloud revenue recognition

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

## Mobile & IoT Business

YoY=Year over year comparison

#### **Financials**



- FY17 revenue JPY3.75 billion
- FY17-end subscription up 86.8% YoY
  - Accumulating solutions such as BtoC handy devises, security cameras connection, dashboard cameras, taxi dispatch system etc.

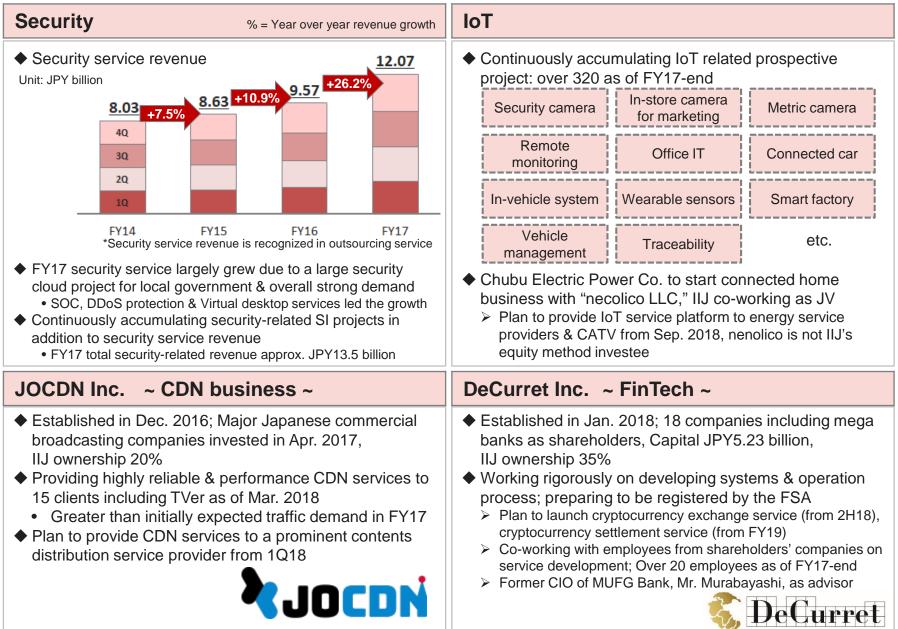
#### Continuously accumulating consumer traffic with MVNE strategy

- FY17-end MVNE subscription: up 41.6% YoY
- FY17-end MVNE clients: 137 (up 13 clients YoY)
  - MVNE growth mainly led by a prominent retailer, prominent contents distribution holder, CATV operators etc.

#### FY18 Plan

- Plan to further accumulate enterprise IoT demands with full-MVNO
  - Continuously expand functions such as SIM life cycle management. global connection, eSIM/chip SIM etc.
  - Increase in fixed cost by approx. JPY0.1 billion per month due to full-**MVNO** 
    - ✓ HSS/HLR systems depreciation
    - ✓ Monthly payment for NTT DOCOMO's network remodeling fee
- Continuously accumulate subscription of both consumer & enterprise with MVNE and IoT
  - While cost increases due to full-MVNO in FY18, expect profitability to ٠ improve in the mid-term with accumulation of enterprise traffic which is to absorb the fixed cost increase

## **Further Expansion of Existing Services**



## FY2018 Financial Target (1)

Unit: JPY billion YoY = Year over year comparison Subs. = subscription

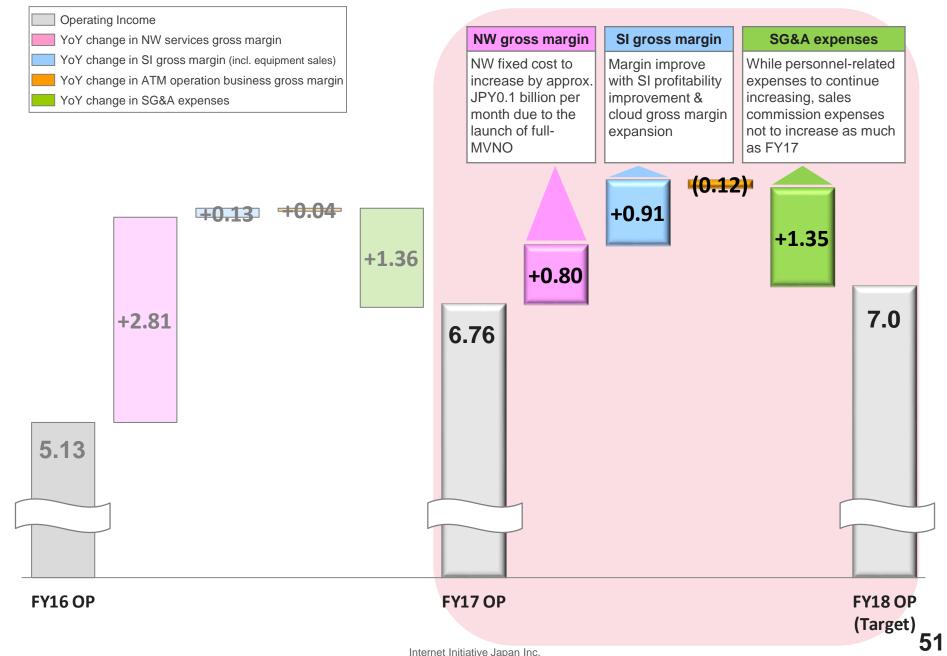
#### **Financials**

|  | % of Revenues  | % of Revenues                                 |           | % of Revenues  | X X A       |            | Та   | arget & Assumption   |
|--|--|---|-----------|--|-------------|------------|--|--|
|  | FY17 Results   | 1H18 Target                                   |           | 8 Target   | YoY C       | hange      |  | NW services revenue to further grow  |
|  | (Apr. 2017 - Mar. 2018)  | (Apr. 2018 - Sep. 2018)                       | (Apr. 20  | 018 - Mar. 2019)   |             |            |  | <ul> <li>Kny services revenue to further grow</li> <li>Connectivity, Security and others to continue growing like</li> </ul>   |
| otal Revenues                          | 176.1  | 90.0  |           | 190.0  | +7.9%       | +13.9      |  | <ul> <li>FY17 but without the contribution of the large local govt proj</li> <li>IP service revenue to expand with CDN demand</li> </ul>   |
| Total Cost of                          | 84.0%  | 84.8%   |           | 84.3%  |             |            |  | <ul> <li>hi-ho's unconsolidation is a negative for consumer revenue</li> <li>WAN services won't grow as a large-scale project connecting<br/>multiple locations migrating to mobile</li> <li>Continue to acquire mobile subs. with MVNE &amp; IoT</li> </ul>   |
| Revenues                               | 147.8  | 76.3  |           | 160.2  | +8.4% +12.4 |            | Network  |  |
|  | 16.0%  | 15.2%   |           | 15.7%  |             | +5.6% +1.6 |  | MVNE clients & subs. to increase continuously  |
| Gross Margin                           | 28.2   | 13.7  |           | 29.8   | +5.6%       |            |  | <ul> <li>Consumer subs. acquisition pace following 2H17</li> <li>Increase in fixed cost by approx. JPY0.1 billion per</li> </ul>   |
|  | 12.2%  | 12.4%   |           | 12.0%  |             |            | Services   | month due to full-MVNO <ul> <li>HSS/HLR systems depreciation</li> </ul>  |
| SG&A/R&D                               | 21.5   | 11.2  |           | 22.8   | +6.3%       | +1.3       | 0,   | <ul> <li>NTT DOCOMO's network remodeling fee</li> <li>Full-MVNO annual revenue approx. JPY0.5 billion</li> </ul>   |
| Operating                              | 3.8%   | 2.8%  |           | 3.7%   |             |            |  | <ul> <li>Gross margin to increase by absorbing forefront cost</li> </ul>   |
| Income                                 | 6.8  | 2.5   |           | 7.0  | +3.5%       | +0.2       |  | increase related to full-MVNO through enhanced sales activity for already invested service   |
| Cash<br>Dividiends per<br>common share | JPY27.00   | JPY13.50                                      | JF        | JPY27.00 • Net addition of 200 personnel • 175 newly graduates joined in Apr. 2018 |             |            | <ul> <li>Construction revenue growth not so large as cloud penetration to expand</li> <li>Cloud revenue approx. JPY20.0 billion (up 11.7%)</li> </ul>  |  |
| increas                                | nel-related cost<br>e<br>commission expe<br>e as much as F   | ense not to                                   | HR        |  |             | S          | <ul> <li>Overseas: revenue approx. JPY7.0 billion, OP approx. JPY0.1 billion</li> <li>Consolidated subsidiaries in Asia as a whole turn positive</li> <li>Gross margin ratio to increase due to cloud revenue accumulation &amp; SI project profitability improvement</li> </ul> |  |
| to be a                                | y capex for net<br>most same leve<br>elated capex to   | l as usual                                    | Equity    | Approx. JPY0.6 billion<br>of equity in net loss<br>due to DeCurret                 |             |            | ЮТ   | <ul> <li>Expand IoT service function by enhancing collaboration<br/>between full-MVNO, cloud, security, Accumulate orders<br/>with B2B2X business model</li> </ul>   |
| Approx<br>constru<br>return r          | illion less than F<br>. JPY3 billion du<br>ction (without no<br>isk as the new I<br>ting service facil | ue to Shiroi DC<br>ew investment<br>DC is for | ty Method | <ul> <li>For oth<br/>method</li> </ul>   |             | ,<br>es,   |  | Due to the revision of U.S.GAAP, fluctuation of unrealized gains<br>(losses) on holding equity securities will be recognized in other<br>income (expenses) from 1Q18. Due to difficulties of forecasting<br>such fluctuation, we don't disclose our FY18 targets for income<br>before income tax expense and below<br>Plan to voluntary adopt IFRS from FY18 annual report |
| M 🔶 Almos                              | t same as FY1  | 7, ATM slightly                               | incr      | ease   |             |            |  | Please refer to page 8 of our earnings release dated May 15, 2018  |
|  |  |   |           |  |             |            |  |  |

# FY2018 Financial Target (2)

Unit: JPY billion YoY = Year over year comparison OP = operating income

#### **Financials**



### **※** 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,
- fluctuations of equity in net income (loss) of equity method investees

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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