# Consolidated Financial Results for 2Q FY2017 (First 6 months ended September 30, 2017)



Internet Initiative Japan Inc. TSE1(3774), NASDAQ(IIJI) November 7, 2017

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I. Summary of 2Q FY2017 Financial Results

**II.** Consolidated Financial Results for 2Q FY2017

**III.** Reference Materials

### I. Summary of 1H FY2017 Financial Results

bn = billion %, YoY=Year over Year change QoQ=Quarter over Quarter change \*Net income attributable to IIJ

1H17 ResultsRevenueJPY83.0 bn+12.0%Gross MarginJPY13.0 bn+9.9%Operating IncomeJPY2.3 bn+18.9%Net Income*JPY1.5 bn+34.3%Revenue & Income Grew as 1H17 Targets, Exect	1H17 Targets         FY17 Targets           JPY82.4 bn         +11.2%         JPY176.0 bn         +11.5%           JPY12.6 bn         +6.3%         JPY28.2 bn         +11.7%           JPY2.0 bn         +2.7%         JPY6.5 bn         +26.6%           JPY1.1 bn         (0.7%)         JPY4.0 bn         +26.3%		
Enterprise Network Services	Mobile & IoT		
1H17 enterprise Internet revenue (including mobile)       +25.4%YoY         1H17 outsourcing revenue       +18.3%YoY         1H17 WAN revenue       +6.0%YoY         ◆ Security Services largely grew       1H17 revenue +25.8%YoY         > IIJ DDoS Protection Services widely been adopted by large financial institutions, expand to other sectors such as service providers         > Leverage Security Operation Center, provide services & SI together         ◆ IIJ Omnibus Service       Order accumulation pace accelerating         > Demands for WAN replacement & closed network for multi-Cloud systems continue to increase	<ul> <li>Total mobile subscription exceeded 2 million +29.9%YoY         <ul> <li>Top-class MVNO market share with 22%* (including MVNE)</li> </ul> </li> <li>Enterprise mobile 1H17 revenue +63.3%YoY         <ul> <li>Different business &amp; profit model from consumer-oriented MVNOs with MVNE and IoT/M2M transactions</li> </ul> </li> <li>IoT prospective orders 2Q-end: approx. 230, doubled YoY         <ul> <li>Smart factory with Hirata Corp, connected homes, paddy control, security cameras, connected cars etc.</li> </ul> </li> <li>Preparation for Full-MVNO services on track         <ul> <li>Plan to start providing from March 2018</li></ul></li></ul>		
Cloud & SI	Others		
<ul> <li>Continue to focus on Private Cloud market with GIO P2         <ul> <li>Enhance competitive advantages with Cloud + Security + SI in the middle-to-long term growing market</li> <li>Flattish 2Q QoQ revenue growth due to the timing of orders and decrease of revenue in a certain large gaming customer</li> </ul> </li> <li>Accumulate multi-Cloud demands with Unified Operation Maintenance (UOM) Service         <ul> <li>2Q-end UOM clients: approx. 340 (up approx. 60 clients YoY)</li> <li>Comprehensive support with MS Azure &amp; AWS connectivity, meeting enterprises' needs for multi-Cloud</li> </ul> </li> <li>SI revenue: flattish YoY growth for 1H17 as revenue is expected to recognize in 2H17         <ul> <li>Operation heavily concentrated on a large-scale services integrated project</li> <li>SI gross margin decreased QoQ due to initial installation work related to a large scale services integrated project</li> </ul> </li> </ul>	<ul> <li>Overseas business developments almost as planned         <ul> <li>Revenue: JPY2.7 bn, operating deficit: JPY0.06 bn</li> <li>Western subsidiaries: continue profitable, Asian subsidiaries: deficit continuously shrinking as business starts to set up</li> <li>Accumulating orders for GDPR solution continuously</li> </ul> </li> <li>JV with 15 Japanese major broadcasting companies "JOCDN" for CDN Business</li> <li>Providing CDN services to TVer and 2 other Japanese broadcasting companies, preparing to provide to a prominent contents holder, earlier than planed expansion of CDN facility with increase in traffic</li> <li>Healthcare: Developed cloud-based collaboration platform "IIJ electronic contact/communication service" allowing various professionals involved in home-based cares to share healthcare information with Nagoya University for community-based integrated care         <ul> <li>Approx. 100 prospects, Providing to local governments such as Aichi, Ibaraki &amp; Fukuoka</li> </ul> </li> </ul>		

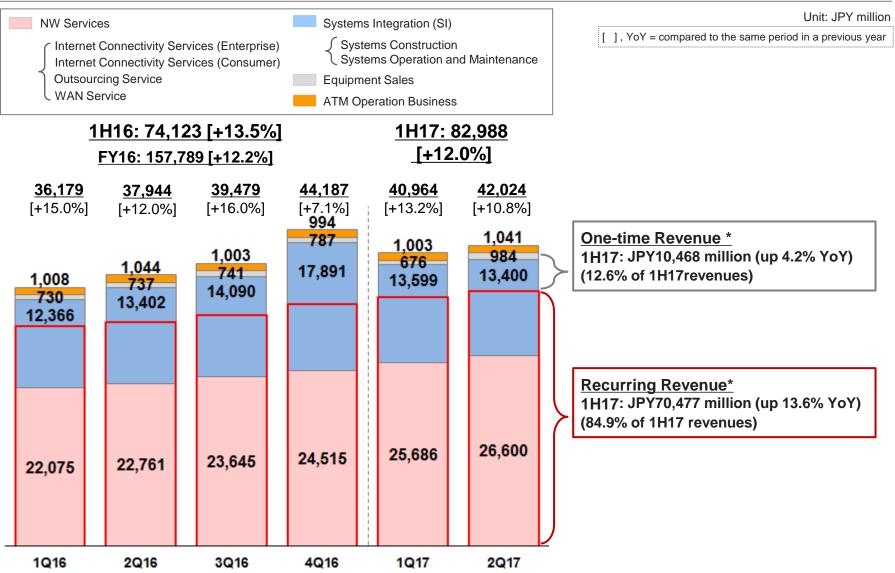
### **II-1.** Consolidated Financial Results for 1H FY2017

Unit: JPY billion

	% of Revenues	% of Revenues		% of Revenues	% of Revenues
	1H17 Results	1H16 Results	YoY Change	1H17 Targets	FY17 Targets
	(Apr. 2017 - Sep. 2017)	(Apr. 2016 - Sep. 2016)		(Apr. 2017 - Sep. 2017)	(Apr. 2017 - Mar. 2018)
Total Revenues	83.0	74.1	+12.0%	82.4	176.0
Total Cost of	84.3%	84.0%		84.7%	84.0%
Revenues	70.0	62.3	+12.3%	69.8	147.8
	15.7%	16.0%		15.3%	16.0%
Gross Margin	13.0	11.8	+9.9%	12.6	28.2
	12.9%	13.4%		12.9%	12.3%
SG&A/R&D	10.7	9.9	+8.2%	10.6	21.7
	2.8%	2.6%		2.4%	3.7%
Operating Income	2.3	1.9	+18.9%	2.0	6.5
Income before	3.0%	2.8%		2.4%	3.7%
Income Tax Expense	2.5	2.1	+17.3%	2.0	6.5
•	1.8%	1.5%		1.3%	2.3%
Net Income*	1.5	1.1	+34.3%	1.1	4.0

\*Net income attributable to IIJ

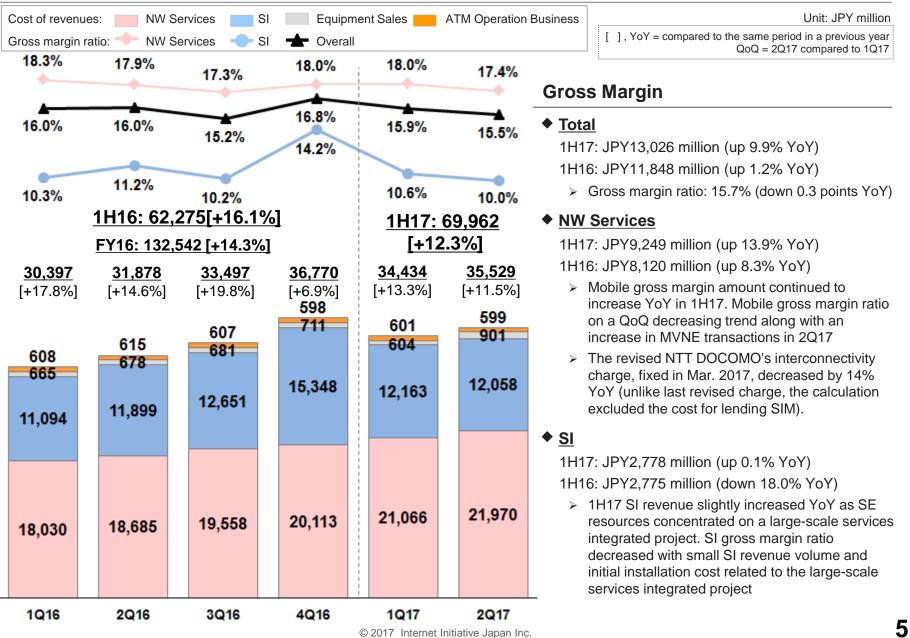
### II-2. Revenues



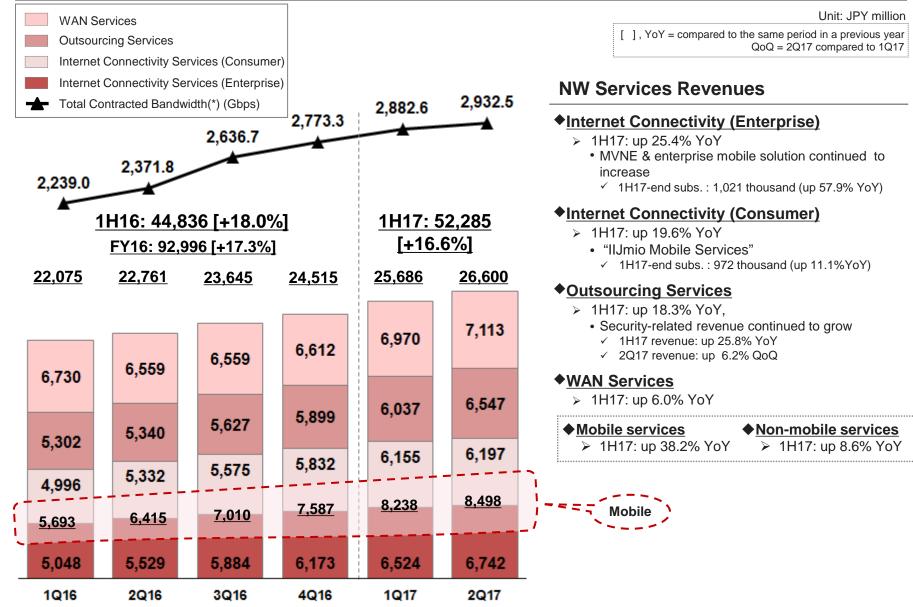
• One-time revenues, which are systems construction and equipment sales, are recognized when systems or equipment are delivered and accepted by customers

 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

### **II-3.** Cost of Revenues and Gross Margin Ratio



### **II - 4. Network Services** (1)Revenues



(\*) 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).

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# Outsourcing-related costs Others Personnel-related costs Network operation-related costs Circuit-related costs

<u>1</u>	H16: 36,7 <sup>,</sup> FY16: 76,34	<u>1H17: 43,036</u> [+17.2%]			
<u>18,030</u>	<u>18,685</u>	<u>19,558</u>	<u>20,113</u>	<u>21,066</u>	<u>21,970</u>
					8,152
5,962	6,251	6,862	7,085	7,571	
1,091	1,169	1,289	1,389	1,495 1,408	1,566
1,304	1,357	1,321	1,381		
2,734	2,850	2,859	2,961	3,118	3,158
6,938	7,059	7,227	7,297	7,474	7,656
1Q16	2Q16	3Q16	4Q16	1Q17	2Q17

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

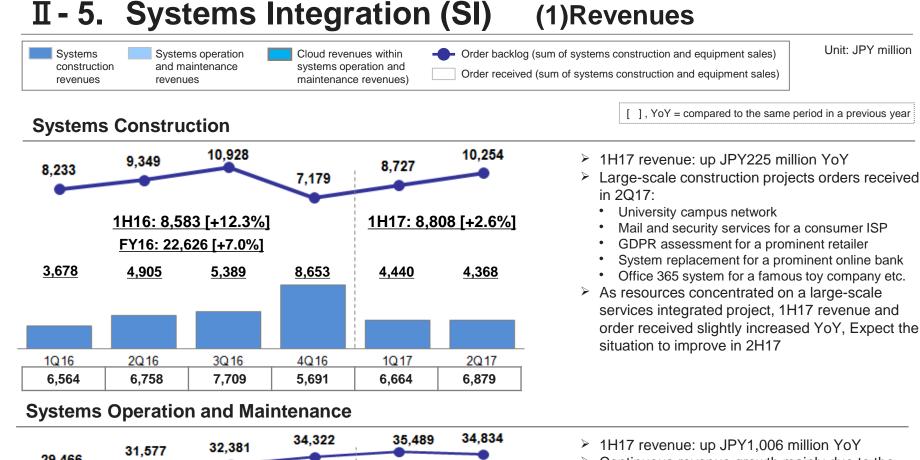
Unit: JPY million

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

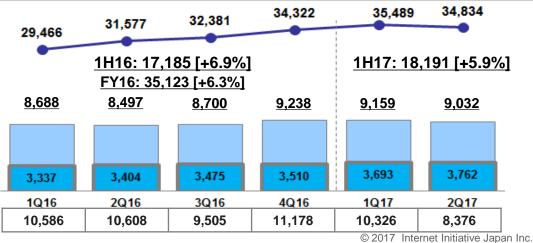
- IH17: up 17.2% YoY
- Along with increases in WAN revenues and continuous network expansion, circuit-related costs increased
- Along with continuous network equipment installation and service developments, network operation-related costs increased
- One time expansion of mobile infrastructure in 2Q in order to provide reliable connectivity. Mobile-related costs (mainly in outsourcingrelated costs) increased

#### Regarding NTT DOCOMO's ("DOCOMO") mobile interconnectivity cost recognition:

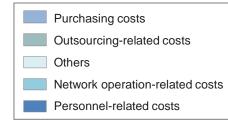
- Regarding our FY16 and FY15 usage charge, DOCOMO's interconnectivity telecommunications service charge was fixed in Mar. 2017 and it decreased by 14% (excluding the cost for lending SIM) YoY.
- Regarding our FY17 and FY16 usage charge, DOCOMO's interconnectivity telecommunications service charge, which 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.

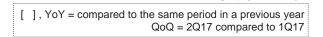


- Continuous revenue growth mainly due to the accumulation of systems construction which migrated to systems operation and maintenance phase as well as continuous increase in private Cloud revenue
  - 1H17 revenue from private Cloud: up 10.6 YoY
  - 1H17 revenue from SI construction: up 2.8% YoY ✓ Sluggish growth due to expected termination of DC contract with a large game customer in 1Q17
- 86.3% of 2Q17 Cloud-related revenue is recognized in systems operation and maintenance revenues (13.7% in outsourcing) 8



## **II - 5.** Systems Integration (SI) (2)Cost of Revenues

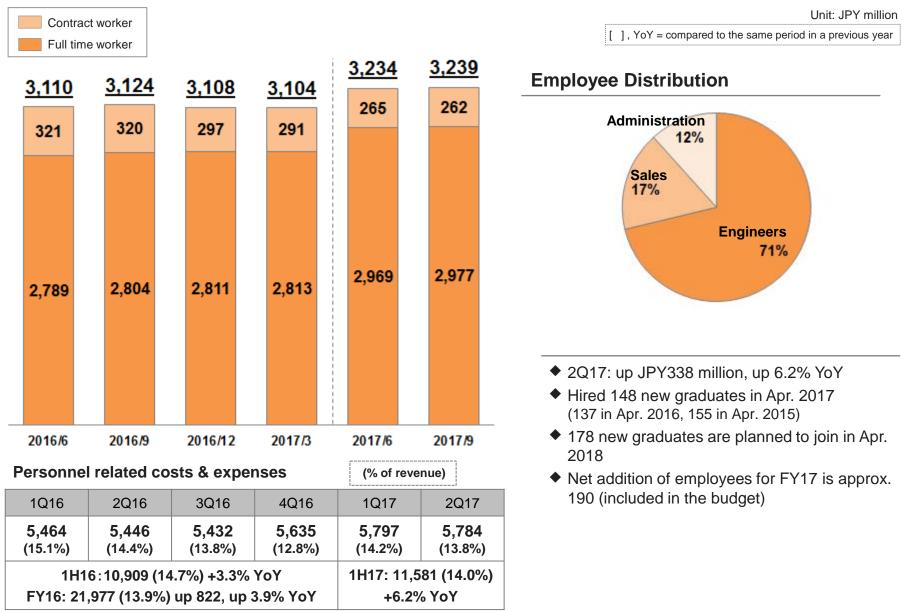




Unit: JPY million

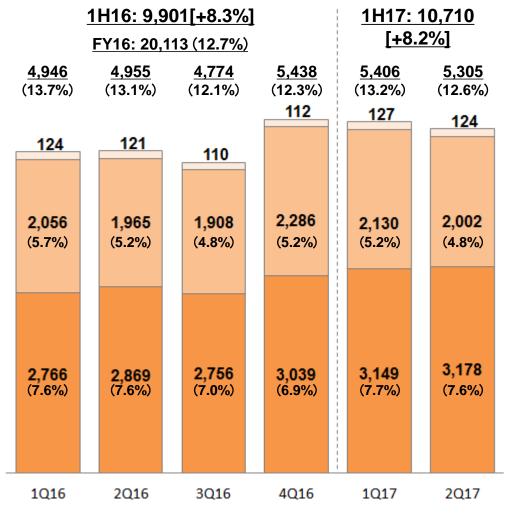
<u>1</u>	<u>H16: 22,99</u>	<u>93 [+13.0%</u>	<u>]</u>	<u>1H17</u> :	: 24,221	Cost of SI
	<u>FY16: 50,992 [+10.3%]</u>		[+5.3%]		➢ 1H17: up JPY1,228million YoY	
<u>11,094</u>	<u>11,899</u>	<u>12,651</u>	<u>15,348</u>	<u>12,163</u>	<u>12,058</u>	<ul> <li>2Q17-end number of outsourcing personnel: 1,626 personnel (up 401 YoY, up 59 QoQ)</li> </ul>
			4,262			<ul> <li>Within the above 1,626 personnel, 1,079 personnel were for SI related (up 135 YoY, down 14 QoQ)</li> </ul>
1,818	2,162	2,350		1,636	1,555	<ul> <li>GIO P2: 1H17 revenue up JPY0.84 billion YoY, 1H17 cost up JPY0.47 billion YoY</li> </ul>
4,495	4,916	5,489	6,075	5,712	5,528	
490	500	458	553	472	599	
2,236	2,295	2,296	2,367	2,198	2,229	
2,055	2,027	2,058	2,092	2,145	2,148	_
1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	•

### **II-6.** Number of Employees



### II-7. SG&A Expenses/R&D





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

Unit: JPY million

Sales & marketing expenses

- ➤ 1H17: up 12.3% YoY
  - Sales commission expenses, advertising expenses, and personnel-related expenses increased

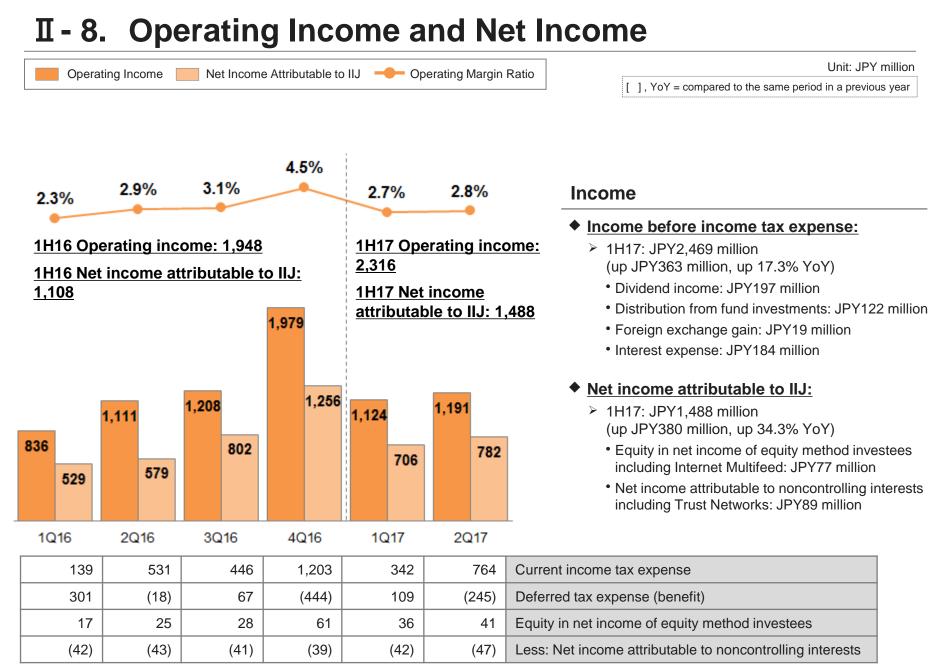
#### **General & administrative expenses**

- ➢ 1H17: up 2.8% YoY
  - Personnel-related expenses increased
- 2Q17: Compared to 1Q17, training expenses and others decreased

#### SG&A related to ATM operation business

Unit: JPY million

	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	
	43.5	51.1	42.9	47.0	35.5	44.8	
<ul> <li>Placed 1,093 ATMs as of September 30, 2017</li> </ul>							



### **II - 9.** Consolidated Balance Sheets (Summary)

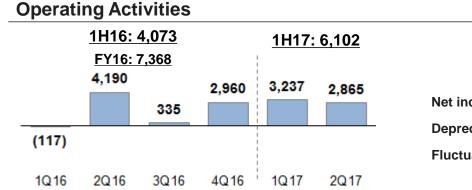
	Mar. 31, 2017	Sep. 30, 2017	Changes	Unit: JPY n
Cash and Cash Equivalents	21,959	19,871	(2,088)	
Accounts Receivable	27,384	26,233	(1,151)	
Inventories	2,798	4,162	+1,364	
Prepaid Expenses (Current and Noncurrent)	14,218	15,920	+1,702	
Investments in Equity Method Investees	3,150	3,348	+198	
Other Investments	7,925	9,689	+1,764	
Property and Equipment	39,775	42,193	+2,418	
Goodwill and Other Intangible Assets	9,257	9,073	(183)	
Guarantee Deposits	3,060	3,344	+284	
Total Assets:	<u>137,395</u>	<u>140,488</u>	<u>+3,093</u>	
Accounts Payable	16,962	16,792	(170)	
Income Taxes Payable	1,076	1,014	(62)	
Borrowings (Short-term and Long-term)	17,750	17,750	-	
Capital Lease Obligations (Current and Noncurrent)	15,203	16,830	+1,627	
Total Liabilities:	<u>70,015</u>	<u>71,085</u>	<u>+1,070</u>	
Common Stock	25,509	25,512	+2	
Additional Paid-in Capital	36,118	36,147	+30	
Retained earnings	4,512	5,392	+880	
Accumulated Other Comprehensive Income	2,500	3,623	+1,123	
Treasury stock	(1,897)	(1,897)	-	
Total IIJ Shareholders' Equity:	<u>66,742</u>	<u>68,777</u>	<u>+2,035</u>	

> Total IIJ Shareholders' Equity to Total Assets: 48.6% as of Mar. 31, 2017, 49.0% as of Sep. 30, 2017

### **II-10.** Consolidated Cash Flows

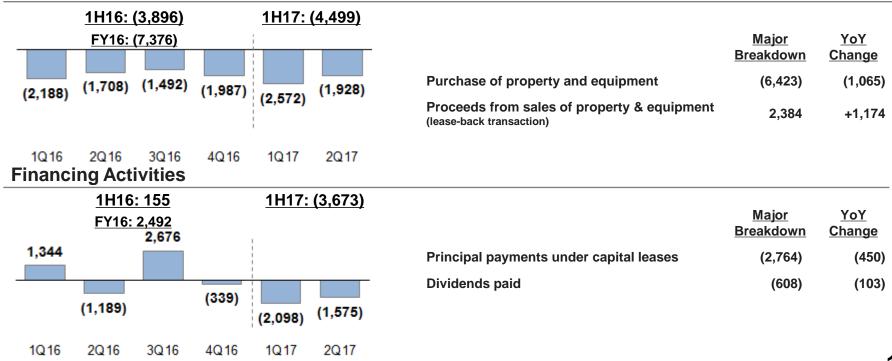
Unit: JPY million

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



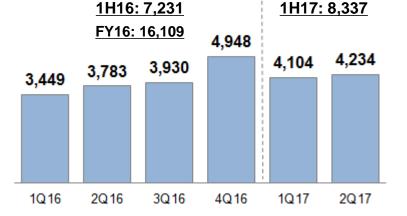
	<u>Major</u> Breakdown	<u>YoY</u> Change
Net income	1,577	+383
Depreciation and amortization	6,022	+738
Fluctuations of operating assets and liabilities	(1,512)	+1,234

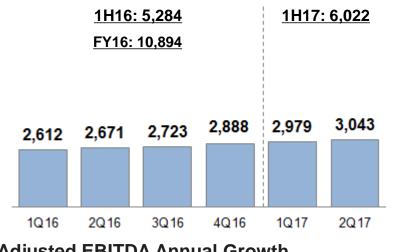
#### **Investing Activities**

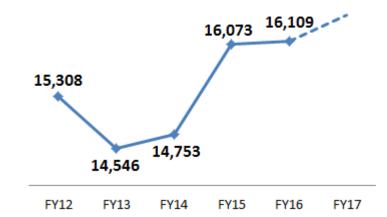


### **II** - 11. Other Financial Data (CAPEX etc.)

CAPEX **Depreciation and Amortization** Cash CAPEX **Capital Lease** 1H16: 8,372 1H17: 9,346 1H16: 5,284 FY16: 16,531 FY16: 10,894 5,340 4,688 4,273 4.006 3,886 3.684 3,072 1.814 2.797 2,979 1,867 2,888 1,835 2,723 1.783 2,612 2,671 2,459 2.268 2.139 2,051 1.891 1.901 1Q16 2Q16 3Q16 4Q16 1Q17 2Q17 1Q16 2Q16 3Q16 4Q16 1Q17 **Adjusted EBITDA Adjusted EBITDA Annual Growth** 

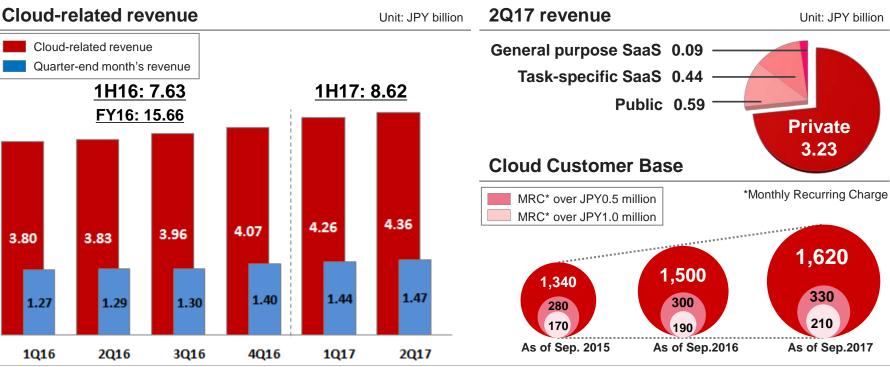






Unit: JPY million

# **III** - 1. Cloud Business Developments



1H17 revenue up 13.0% YoY

YoY=Year over Year change

Accumulation of large-scale projects from 1Q. Flattish 2Q growth mainly due to the timing of orders and decrease of revenue in a certain gaming customer

#### Enhance functions for Private Cloud

- Unified Operation Maintenance service continued to grow
  - · Offers comprehensive centralized management for onpremise, multi-Cloud, and hybrid-Cloud systems
  - Significantly reduce operation workload by predicting system failures with in-house developed automated filtering etc.
- > Continuously strengthening partnership with Microsoft
  - Accumulate demands to connect with Azure through closed network with Office 365

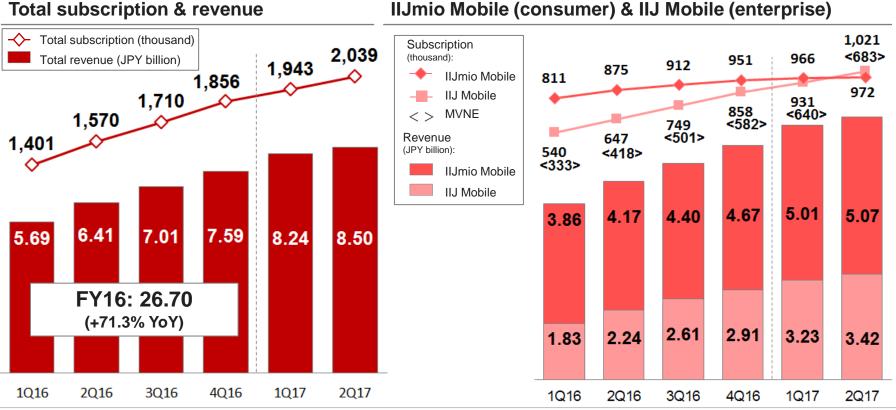
#### Large-scale projects

- Mission critical system for Saitama prefecture
- Multi-Cloud systems for Nippon Express
- Office 365 private connectivity system for Aioi Nissay Dowa Insurance
- PoS systems for Conexio's retail stores
- Cloud-based remote management system for Nippon Seiki
- Enterprise system for At Home Co. etc.
- 2Q17 cloud-related revenue recognition:
  - > 86.3% in systems operation and maintenance
  - 13.7% in outsourcing

IIJ GIO

### **III - 2.** Mobile and IoT Business Developments

YoY=Year over Year change



- 1H17 enterprise mobile revenue (excluding MVNE): JPY1.73 billion (+15.4% YoY)
  - Accumulating enterprise mobile solutions
    - Security camera, teleconference system, digital signage, taxi dispatch system, BtoC service handy devices, and many more
    - To further capture IoT-related projects, started providing 10GB or more data volume and service menu specialized in upload traffic
    - Systems construction and service developments for full-MVNO on track

- Continued to be profitable. 1H17 mobile gross margin amount continued to increase YoY. Mobile gross margin ratio as the same level as year before
- Top-class MVNO market share with 22% (including MVNE)

\*as of March-end 2017 SIM card subscription, MM Research Institute June 2017

- Opened sales-counter at another prominent retailer (Yodobashi) from Sep. 2017, expanding handsetsincluded plans, executing many promotions
- ◆ 1H17-end MVNE clients: 128 (up 8 clients YoY)

YoY=Year over Year change

## III - 3. Business Developments (1)

Furthe	er Accumulation of IoT Projects	Security Revenue Increasing Largely		
custon ◆ Prospetioneng	ated discussion & PoC prj. with our blue-chip ners as they seek business opportunities with IoT ective orders increasing after the announcement of age in full-MVNO <b>17-end: approx. 230 projects (doubled YoY)</b>	<ul> <li>Security-related services revenue</li> <li>JPY8.63 bn JPY9.57 bn (+7.5%YoY) (+10.9%YoY)</li> <li>4Q</li> <li>3Q</li> </ul>		
Sector	Examples of usage	2Q +25.8% YoY		
Factory	<ul> <li>Remote mgmt. and control of factory facility</li> <li>Predict machine failures, reduction in maintenance cost</li> </ul>	Including security-related SI, FY16     FY17       Including security-related SI, FY16 security related revenue was over JPY11 bn		
Agri.	<ul> <li>Paddy mgmt. (control of water level &amp; temp.)</li> </ul>	♦ IIJ DDoS Protection Service growing strongly		
Log.	<ul> <li>Mgmt. of vehicle location &amp; delivery status</li> <li>Connected Cars, data monitoring of racing cars</li> </ul>	<ul> <li>2Q17 revenue: doubled YoY</li> <li>&gt; High penetration towards large financial inst. &amp; central govt. agencies, Further demands coming from service sector</li> </ul>		
Retail	<ul> <li>Analysis on consumers' movement from in-store cameras to create marketing data</li> <li>Monitoring waiting customers</li> </ul>	<ul> <li>Able to protect from over terabit scale attacks</li> <li>Email &amp; Web gateway service continuously expanding</li> <li>Mail service: approx. 1.8 million a/c</li> </ul>		
Housing	<ul> <li>Mgmt. of electricity with info from smart-meter</li> <li>IoT to consumer electronics and nursing care</li> </ul>	Web gateway service: approx. 1.2 million a/c         > Fully-manage over several hundred thousand a/c for global		
Others	Mgmt. for solar panels & windmills     Tracing products	<ul> <li>manufacturing company's mail gateway and more</li> <li>10yrs+ of service operation, filter logics in-house developed</li> <li>Enhance competitiveness with SOC service (Mar. '17 ~)</li> </ul>		
	< Glossary >       Agri.       Agriculture         PoC       Proof of Concept       Log.       Logistics         Prj.       Projects       Inst.       Institution         Mgmt.       Management       Govt.       Government         Temp.       Temperature       a/c       account	<ul> <li>Providing to local govts. Leveraging security log obtained as an ISP to protect against latest cyber threats</li> <li>Assist enterprise security systems with establishment of CERT, SOC service &amp; wide-range of security services</li> </ul>		

## III - 3. Business Developments (2)



 Cloud-type NW service offering necessary functions for enterprise NW such as Internet connectivity, security & WAN by incorporating SDN/NFV technologies

#### Various function modules

- Internet connectivity
- Firewall
- Mail security
- Web security
- Cloud connectivity
- ty Data center connectivity
  - WAN
  - Internet VPN
  - Remote access

etc.

#### System cloud

#### Continuously acquiring orders from FY16, Order accumulation pace accelerating

Demands to replace enterprise NW and to connect multiple cloud service with closed network increasing

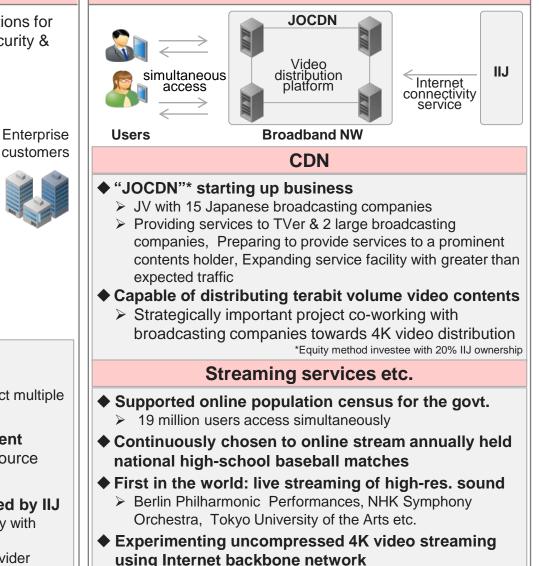
#### Customers don't need their own NW equipment

Together with system cloud, able to fully outsource enterprise network system

#### ◆ Flexible service design via systems developed by IIJ

- Expand functions and service line-ups accordingly with demands
- > Strong competitive advantage as NW service provider

#### **Outlook for CDN Business**



#### **※** 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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