Mid-term Business Plan and Business Strategy

Anritsu Corporation

November, 2015



TSE code : 6754 http://www.anritsu.com



## **Cautionary Statement**

All information contained in this release which pertains to the current plans, estimates, strategies and beliefs of Anritsu Corporation (hereafter "Anritsu") that is not historical fact shall be considered forward-looking statements of future business results or other forward-looking projections pertinent to the business of Anritsu. Implicit in reliance on these and all future projections is the unavoidable risk, caused by the existence of uncertainties about future events, that any and all suggested projections may not, come to pass. Forward-looking statements include but are not limited to those using words such as "believe", "expect", "plans", "strategy", "prospects", "forecast", "estimate", "project", "anticipate", "may" or "might" and words of similar meaning in connection with a discussion of future operations or financial performance.

Actual business results are the outcome of a number of unknown variables and may substantially differ from the figures projected herein.

Factors which may affect the actual business results include but are not limited to the economic situation in the geographic areas in which Anritsu conducts business, including but not limited to, Japan, Americas, Asia, and Europe, changes in actual demand for Anritsu products and services, increases or decreases in the competitive nature of markets in which Anritsu sells products or buys supplies, changing aptitudes at providing services, and exchange rates.

You also should not place reliance on any obligation of Anritsu to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Anritsu disclaims any such obligation.

#### Agenda

#### Mid-term Business Plan and Business Strategy

- 1- 2020VISION, Outline of our business segments
- 2- Review of the Mid-term Business Plan
- 3- Middle and long-term management basic strategy
- 4- Revenue and operating profit plan for GLP2017
- 5- Strategy and growth opportunities in the Test & Measurement Business < T&M >
- 6- Strategy and growth opportunities in the Products Quality Assurance Business < PQA >
- 7- Financial strategy
- 8- Measures for strengthening governance

# Financial Results for the 2nd. Quarter and Forecast for full year of FY2015

#### 1-1. GLP2017 & 2020VISION



#### 1-2. Outline of our business segments

(FY2014)



PQA : Products Quality Assurance (The former segment name: Industrial Automation)

#### 1-3. Outline of our business segments

#### <T&M>



#### 2-1. Review of mid-term business plan

#### (GLP2014)



\*PQA: Products Quality Assurance

#### 2-2. Review of mid-term business plan < T&M > (GLP2014)



#### Sales of T&M business by region



## 2-3. Review of mid-term business plan < T&M > (GLP2014)

Business environment	Measures and results
<ul> <li>Dramatic changes in the mobile market</li> <li>Smartphone functionality expands from high-end to low-end</li> <li>Intensifying global competition <ul> <li>Shift in market players</li> <li>Mergers and acquisitions, reorganization, and withdrawal</li> <li>Contraction in the Japanese market</li> <li>Rapid advance of operators, chipset vendors, and handset vendors in Asia</li> <li>Increasing commoditization of smartphones and approximately 30% contraction in the terminal manufacturing market</li> </ul> </li> <li>Continuous evolution of mobile broadband <ul> <li>LTE-Advanced measurement</li> <li>Connectivity</li> </ul> </li> </ul>	<ul> <li>Respond to the dramatic change in market structure</li> <li>Strengthening of relationships with leading market players and chipset vendors</li> <li>Respond to the introduction of FD-LTE, TD-LTE and LTE-Advanced services in a timely manner</li> <li>Provide optimal solutions that contribute to improvements in development environment and production efficiency</li> <li>Develop emerging handset vendor market in Asia</li> <li>Enhancement of global support system</li> </ul>

#### 2-4. Review of mid-term business plan < PQA > (GLP2014)

PQA : Products Quality Assurance (The former segment name: Industrial Automation)

Business environment	Measures and results
<ul> <li>Stable demand in the Japanese market</li> <li>Increasing demand for foreign substance detection in North America</li> <li>Growing market for quality inspections in Asia and emerging countries</li> </ul>	<ul> <li>Strengthening relationships with global customers</li> <li>Establishment of global supply chain <ul> <li>Expanded production at Thai factory</li> <li>New factory opened in Shanghai,</li> <li>China</li> </ul> </li> </ul>

#### New products in the PQA business

X-Ray Inspection System XR75 Series



Reduces lifetime costs by controlling maintenance costs.

Metal Detector M5 Series



High cost performance

"Industrial Automation" business segment was renamed to PQA (Products Quality Assurance) business.

Anritsu Industrial Solutions will change its company name to Anritsu Infivis (October 1, 2015)

#### 3. Middle and long-term management basic strategy

#### Capture growth drivers without fail, and realize "continuous profitable growth"

	Market		Tar	get
	average annual growth rate	Growth driver	Sales growth rate	Operating margin
T&M	3-5%	<b>Broadband expansion and innovation</b> (1) IoT (M2M) (2) LTE-Advanced, 5G, Connectivity (3) New base station network	≧7%	≧20%
PQA	3-5%	Improvement of safety, security and health Solutions with X-ray for quality assurance	≧7%	≧12%
Consolidated	_		_	≧18%
ROE	_		≧1	5%

#### 4-1. Revenue and Op. profit Plan

#### (GLP2017)



\*PQA: Products Quality Assurance

#### 4-2. Revenue and Op. profit Plan

#### (GLP2017)

Unit : Billon Yen

		GLP2014 (Actual) GLP2017 (Plan)		GLP2014 (Actual)				
		FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2020
Re	venue	94.7	101.9	98.8	103.0		120.0	160.0
Ор	. profit	15.7	14.1	10.9	11.0		17.0	29.0
Op.	margin	17%	14.%	11 %	11 %		14 %	18 %
P	Profit		9.3	7.9	8.0		13.0	21.0
	Revenue	71.2	76.0	73.4	75.0		90.0	115.0
T & M	Op. profit	15.0	13.0	8.9	9.0		13.5	23.0
	Op. margin	21 %	17%	12 %	12 %		15 %	20%
	Revenue	14.4	16.9	16.2	18.0		20.0	25.0
PQA	Op. profit	0.8	1.2	0.8	1.1		1.6	3.0
	Op. margin	6%	7%	5 %	6 %		8 %	12%

Note 1 : Exchange rate for GLP2017 1USD = 115 yen, 1EURO=130 yen

5-1. Strategy and growth opportunities < T&M > (GLP2017)

Capture global business opportunities through solutions with high added value and solidify our position as a global market leader.

#### **Growth opportunities**

- 1. Customer experience in the new social infrastructure field to be created through the expansion of IoT (M2M)
- 2. Evolution of LTE-Advanced, 5G, and connectivity
- 3. Demand for construction of a new base station network to support small cells

Targets in 2020

Revenue US \$1B

Operating margin more than 20%



#### 5-3. Food chain and players in mobile telecom market < T&M >





#### 5-5. Anritsu will fulfill its role as a pioneer < T&M > (FY2015) by offering LTE-Advanced solutions

Continue to launch new products for expansion of demand for development and evaluation of 3CA (FDD & TDD)

	Platform Core Development	RF Conformance Testing	Protocol Conformance Testing Carrier Acceptance Testing	
Customer	Chip set vendor, Terminal vendor	Chip set vendor/Terminal vendor Network operator		
New solution	The only One Box compliant with 4CA MT8821C	Monteurer         Monteurer         No.1 global         share         ME7873 series	Image: Adopted in global Network operator conformance testingME7834 series	

#### 5-6. Mobile R&D business – various market segments < T&M >

	Platform(Core)	Conform	ance test	Operator	Smartphone
	Development	RF	Protocol	Acceptance test	Commercial test
Uses	Comm. standard development Chipset development	Conformance test Interoperability te		Comm. Carrier acceptance test	Application development UE operation test
Main customers	Chipset vendor UE vendor	Chipset vendor, U Communication C		Com Carrier, Test house, Vendor,	UE vendor Applications developer
Main theme	•FDD / TDD-LTE, LTE-Ad •VoLTE (Voice over LTE) •MIMO (Multi Input Mu •Chipset unification of 3	lti Output)	<ul> <li>Improve data throughput</li> <li>Battery consumption etc.</li> </ul>		
Market trend / Positioning	Keep No.1 position	Keep No.1 position	Growing market Position improve		Growing market Position improve
Products		Antitui unai	Anne		
Main Competitors	Rohde & So	chwarz	hwarz Keysight(Agilent, Ani		Rohde & Schwarz, Keysight, Aeroflex

#### 5-7. Cutting-edge Mobile manufacturing solutions < T&M > (FY2015)



#### 5-8. Network infrastructure business strategy < T&M > (GLP2017)



#### 5-9. Start of new base station network < T&M > (FY2015)

Started construction of 3 to 5GHz band small cell network.

Increase in mobile traffic  $\Rightarrow$  Installation of many small cells

- Shift from metal cable to fiber-optic cable
- Multiple antennas for a single base-band unit



**Current LTE** 

#### 5-10. Business opportunities and initiatives < T&M > (FY2015)

#### <u>Aiming for networks that support large volume of connections and</u> <u>increased data volume</u>



#### <u>Support the evolution of networks through</u> <u>continuously strengthening test solutions</u>



## Further evolution towards IoT/5G

Reshaping the Future of Network Test solution

5-11. Network infrastructure business strategy < T&M > (Current outline)



5-12. 5G roadmap (CY2015  $\sim$ CY2020)



### 5-13. Profit structure improvement targets



Cost structure improvement measures

- Introduction of high value added solutions (professional services, software)
- Thorough enforcement of development ROI & ROIC management (\*1)
- SG&A expenses: Organizational structure and optimal allocation of human resources in response to changes in customer trends

\*1:KPI target index for R&D investments is an R&D ROI(gross profit / R&D investment value) of 4.0times or higher.

< T&M >

#### 6-1. Outline of PQA business segments (Products Quality Assurance)





6-3. Initiatives towards global expansion < PQA > (FY2015)

- 1. Establishment of a global brand strategy -Company name has been changed to "Anritsu Infivis" (as of October 1)
- 2. Introduction of the new X-ray inspection system XR75 in the North American market



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7-1. Financial strategy for achieving (GLP2017) continuous growth with sustainable superior profits

## 1. ROE/ACE improvement targets

We will work to improve capital efficiency and corporate value, and enhance returns to shareholders.

	FY2014	FY2015	~	FY2017
ROE	10%	10%		14%
ACE	2.4 B Yen	3.0 B Yen		8.0 B Yen
Operating cash flow margin	8%	9%		13%

## 2. Strategic investment plan (cash-based)

We will prioritize the allocation of cash to strategic investments to achieve growth.

	FY2014	Total of FY2015-17
Normal investments (Note:1)	3.1 B Yen	11.0 B Yen
Strategic investments (Note:2)	2.9 B Yen	10.0 B Yen

(Note:1) Normal investments include software investments (Note:2) Strategic investments include BCP investments.

**3. We will continue to work to strengthen our financial structure** (equity ratio: 60% to 70%, credit rating of at least A-).

## 7-2. Dividend forecast

#### Annual dividend

(FY2015)	)
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	Dividend per share	Profit	Payout ratio
FY2015 (Forecast)	24 yen	8.0 B yen	41%
FY2014	24 yen	7.9 B yen	43%



# 8-1. New Structure after transition to a Company with an Audit Committee



Purpose of transition to a Company with an Audit Committee

- Aim to establish a governance system with high management transparency from a global perspective
- Ensure further accountability and stimulate discussions in consideration of the perspectives of shareholders by increasing the ratio of outside directors
- Reinforce audit and supervisory functions of the Board of Directors by granting audit and supervisory board members as Audit Committee members with voting rights in the Board of Directors.

#### 8-2. Measures for the promotion of governance (FY2015)

- 1. Increase Independent Outside Directors
- 2. Prioritizing matters to be resolved at the Meeting of Board of Directors for productive Discussion
- 3. Continuation of two voluntary Committees ("Nominating Committee" and "Compensation Committee")
- 4. Assignment of Outside Director as Chairman of Audit Committee
- 5. Election of Standing Audit Committee Member
- 6. Establishment of Independent Committee
- 7. Appointment of Lead Independent Outside Director
- 8. Establishment of "Management Audit Department" as supporting body of Audit Committee
- 9. Reinforcement of Audit and Supervisory Function of Subsidiaries
- 10. Revision of Compensation Structure of Directors (Adoption of Stock Compensation Plan as Compensation in conjunction with Business Results)

Financial Results for the 2nd quarter of the Fiscal Year ending March 31, 2016

**Hirokazu Hashimoto** President and Group CEO Anritsu Corporation

October 30th, 2015



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The right image of the front cover: Anritsu's original company, Annaka Electric Co., Ltd., developed this in 1912, the word's first practical use wireless telephone, the roots of today's smartphone

## I -2. Consolidated performance -Business Segments-

Segment	FY2015Q2 (April to September, 2015)				
<b>T&amp;M</b> : Continuation of reluctance against investment in the mobile market as a whole					
Mobile	Restructuring by major vendors for chips and terminals				
NW	Capital investment in optical/digital related business was strong				
Electronics	Recovery trend for module development and business-use wireless device				
Asia	While mobile R&D demand grew, demand for manufacturing equipment renewal was slow				
Americas	Trend of restraint in construction investment among communications carriers				
<b>PQA</b> : Increase in capital investment, mainly in the domestic convenience store market					
T&M: Test & Measurement NW: Network Infrastructure PQA : Products Quality Assurance					

#### I -2. Consolidated performance -Financial results-



Decrease in profits due to factors including reluctance towards investment by smartphone development and manufacturing vendors

Unit: Billion Yen

International Financial Reporting Standards (IFRS)	2Q FY2014 (Apr. to Sep.)	2Q FY2015 (Apr. to Sep.)	YoY	YoY (%)
Order Intake	48.9	47.8	(1.1)	-2%
Revenue	48.0	49.0	1.0	2%
Operating profit (loss)	4.6	<b>3.2</b> *	(1.4)	-30%
Profit (loss) before tax	5.0	3.2	(1.8)	-36%
Profit (loss)	3.5	2.4	(1.1)	-32%
Comperhensive Income	5.1	2.5	(2.6)	-51%
Free Cash Flow	5.1	0.4	(4.7)	-92%

Note : Numbers are rounded off in each column

\* Including restructuring costs of approximately 0.4 billion yen

#### I -2. Consolidated performance -Orders by business segment-

T&M : Continuous reluctance against investment in the mobile market

## PQA: Maintained high levels as new products captured renewal demand for facilities



Bn. Yen

#### I -2. Consolidated performance -Revenue and Op. profit by quarters-

Company posted 6.7% operating margin for 2Q (T&M: 7.5%,PQA:10.3%)

Bn. Yen

Bn. Yen



Note : Numbers are rounded off in each column

#### I -2. Consolidated performance -Revenue by region-



Maintained the same level as that of previous year. Increased revenue in Japan (T&M, PQA).

Bn. Yen



Note : Numbers are rounded off in each column

#### I -2. Consolidated performance -Cash Flow-



## I -3. Forecast for full year of FY2015

#### No change since April disclosures

Unit: Billion Yen

		FY2014	FY2015		
International Financial Reporting Standards (IFRS)		Actual	Forecast	YoY	YoY(%)
Revenue		98.8	103.0	4.2	4%
Operating profit (loss)		10.9	11.0	0.1	1%
Profit (loss) before tax		11.6	10.9	(0.7)	-6%
Profit (loss)		7.9	8.0	0.1	2%
T&M	Revenue	73.4	75.0	1.6	2%
	Op. profit (loss)	8.9	9.0	0.1	1%
PQA	Revenue	16.2	18.0	1.8	11%
	Op. profit (loss)	0.8	1.1	0.3	33%
Others	Revenue	9.2	10.0	0.8	9%
	Op. profit (loss)	1.1	0.9	(0.2)	-19%

Note 1 : Exchange rate for FY2015 (forecast) 1USD = 115 yen, 1EURO=130 yen

Note 2 : Numbers are rounded off in each column



