

## RFID Systems Market in Japan: Key Research Findings 2013

### ◆ Research Outline

Yano Research Institute has conducted a study on the domestic RFID systems market with the following conditions:

1. Research period: From March to June, 2013
2. Research target: RFID manufacturers, solution service providers, user companies, and industry groups
3. Research methodologies: Face-to-face research by the expert researchers, surveys via telephone/email, and literature research

#### What are RFID Systems?

RFID (Radio-frequency identification) systems automatically identify and track information that is electronically stored in RFID (IC) tags attached to objects by means of non-contact read-and-write technologies through wireless communication.

Note that non-contact IC cards represented by Suica, PASMO and Edy are considered to be included in RFID in a broad sense, due to use of the similar non-contact technology, but they are not included in this research.

#### What is RFID Systems Market?

The market size of RFID systems in this research indicates the total shipment value of RFID tags (IC tags) that store information, readers/writers that update, control, and process data (antenna, transmitting/receiving apparatus, and controllers, etc.), printers, and software (middleware, applications, and etc.)

### ◆ Key Findings

#### ■ Estimated Domestic RFID Systems Market in FY2012 Achieved 66.693 Billion Yen, 103.3% of Previous Year

The estimated size of the RFID systems market attained 66.693 billion yen, 103.3% of the previous year based on the shipment value from manufacturers. The market, which had once shrunk by annual rate of 7 to 10 % during FY2009 and FY2010 period in the wake of the Lehman Crisis, showed a recovery and an increase in FY2011. The market continues to be in the rising trends in FY2012, though the government's announcement on the frequency reallocation for UHF-band increased watch-and-see user companies and slowed down the market growth.

#### ■ Estimated Domestic RFID Systems Market in FY2017 to Achieve 98.384 Billion Yen

The domestic RFID systems market is likely to continue the sustainable growth for the time being due to special demands stemmed from the frequency reallocation of UHF-band, new applications by apparel industries that increased adoption, execution of tax reduction for capital investment, and reduced prices for RFID tags.

The CAGR (Compound Annual Growth Rate) of domestic RFID systems market from FY2012 to FY2017 is likely to be 8.1%, with the market size attaining 98.384 billion yen in FY2017 based on the shipment value from the manufacturers.

◆ **Report format:**

Published report: “RFID (Radio Frequency Identification) Market 2013”

Issued on: July 28, 2013

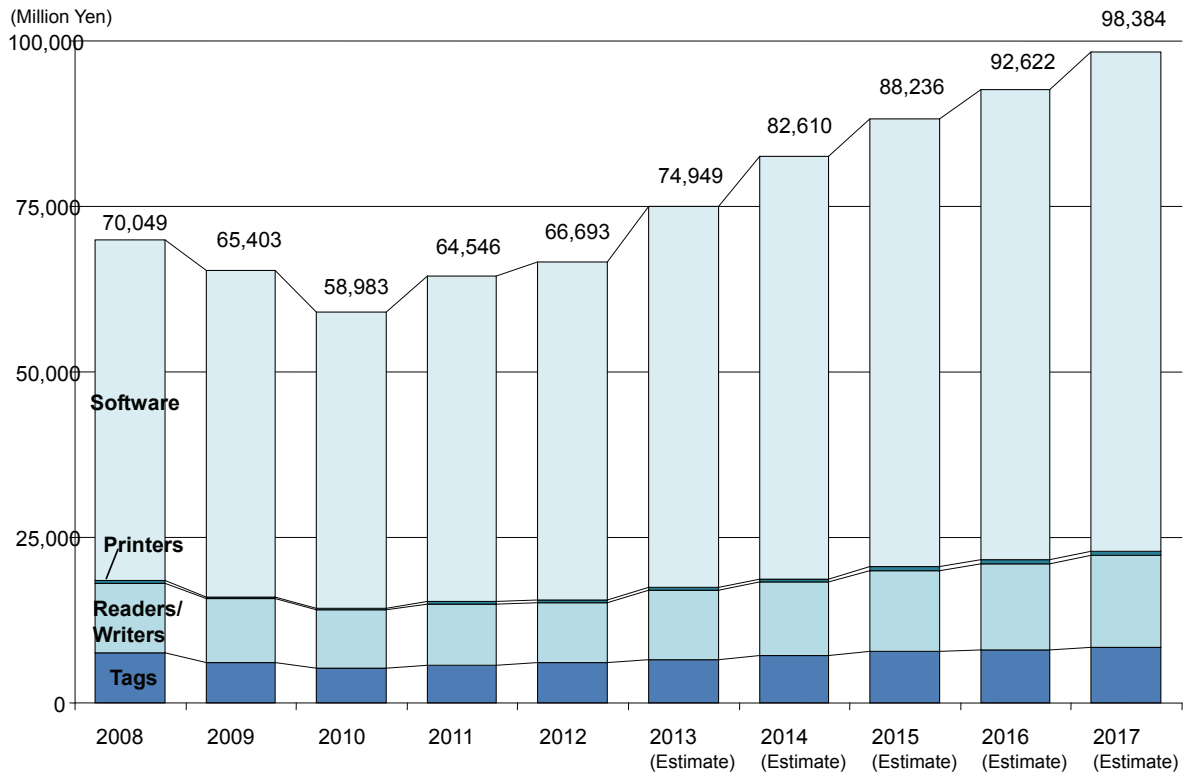
Language: Japanese

Format: 224 pages in A4 format

Price: 126,000 yen (6,000 yen of consumption tax shall be charged for the sales in Japan.)

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■ **Figure 1: Transition of Estimated Size of RFID Systems Market**

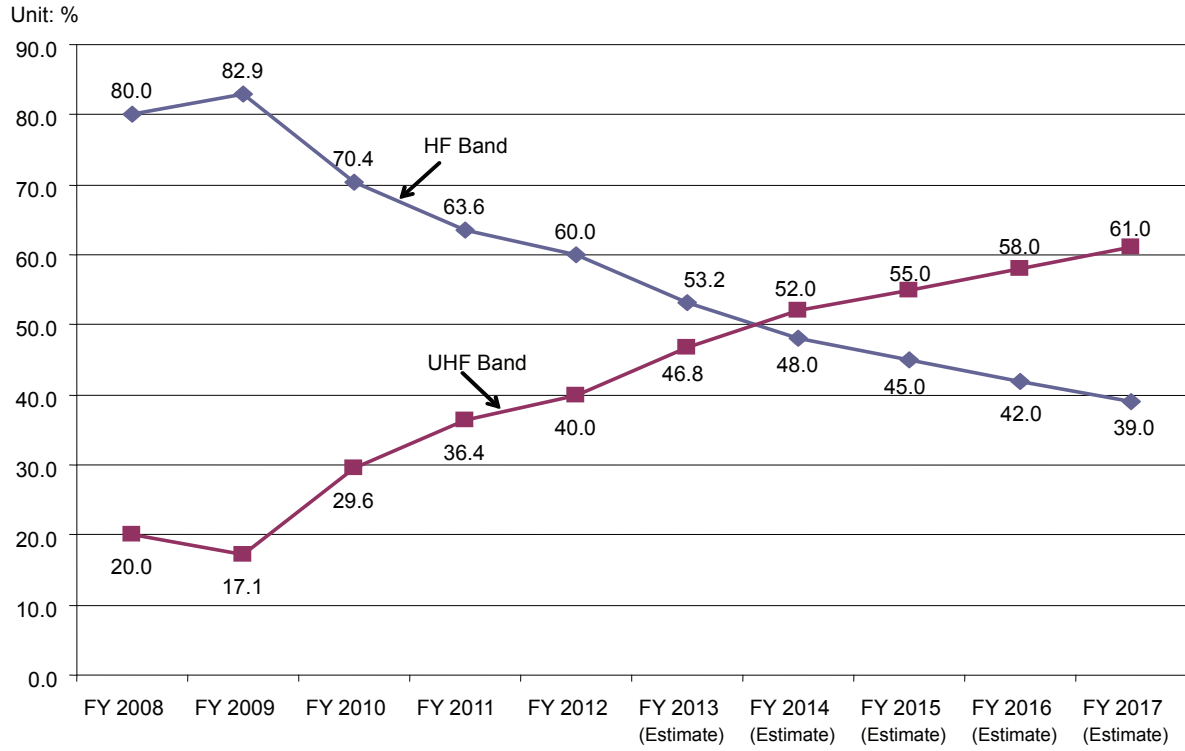


Notes:

1. The figures are based on the shipment value of manufacturers.
2. Non-contact IC cards represented by Suica, PASMO and Edy are considered to be included in RFID in a broad sense, due to use of the similar non-contact technology, but they are not included in this research.

Estimated by YRI

■ **Figure 2: Transition of Estimated Size of Market Share of RFID Domestic Shipment Volume by HF Band/UHF Band**



Estimated by YRI

Notes:

3. The figures are based on the shipment value of manufacturers.