



# IT Master Plan

FY2016

FY2018

---

**April 2017**

Japan Exchange Group, Inc.

# Revision History

Ver.	Revised contents	Revised parts
April 2016	First Version	
April 2017	Updated replacement schedule for some core systems	Schedule for Core Systems

# **I . Objective of IT Master Plan**

---

# **I. Objective of IT Master Plan**

**The IT Master Plan is formulated to clearly communicate JPX's direction and strategy on IT internally and externally and drive business by aligning management and IT policies for achieving business targets set in the Medium-Term Management Plan.**

## **II. IT Initiatives (FY2016-FY2018)**

---

## II. IT Initiatives (FY2016-FY2018)

### 2nd Medium-Term Management Plan

**Increase investment for sustainable market development  
to build on successful TSE-OSE integration**

#### **Leverage competencies across the JPX group**

Further develop JPX markets through stronger cross-division cooperation and complementary relationships in the corporate group

#### **Aggressively pursue new business**

Diversify business portfolio toward ensuring stable market operations

### IT Initiatives

<b>Initiative ① Expand clearing and settlement services and enhance system infrastructure</b>	<b>Initiative ② Design next-generation trading systems</b>	<b>Initiative ③ Launch next J-GATE and next ToSTNeT systems</b>	<b>Initiative ④ Strengthen BCP and cybersecurity</b>
<ul style="list-style-type: none"><li>✓ Strengthen system foundations for product diversification and more sophisticated risk management</li><li>✓ Develop and strengthen systems infrastructure for shorter settlement cycle and post-trade business expansion</li></ul>	<ul style="list-style-type: none"><li>✓ Start developing next-generation trading systems with a focus on enhancing user-friendliness and reliability of JPX markets, as well as improving cost effectiveness</li></ul>	<ul style="list-style-type: none"><li>✓ Promote development of systems with high processing capacity, reliability, and fault tolerance with the aim of expanding product lineup, boosting existing products, and increasing market liquidity</li></ul>	<ul style="list-style-type: none"><li>✓ Strengthen cybersecurity to counter increasing threat</li><li>✓ Start reviewing contingency plans based on revisions to the government's basic disaster management plan and enhancing contingency operations.</li></ul>

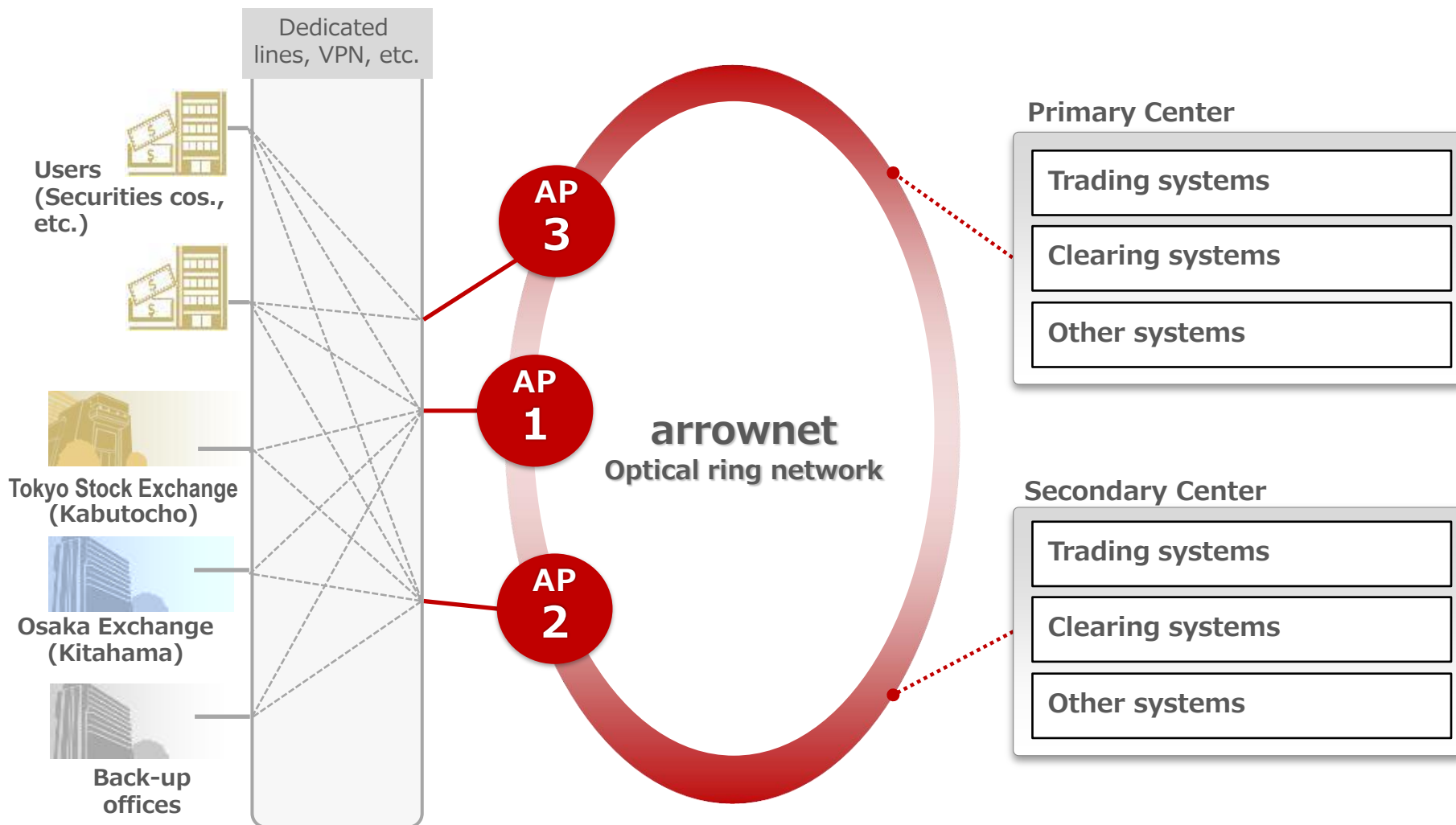
## **III. IT Systems Plan**

---

# III. IT Systems Plan

## Overview of Systems

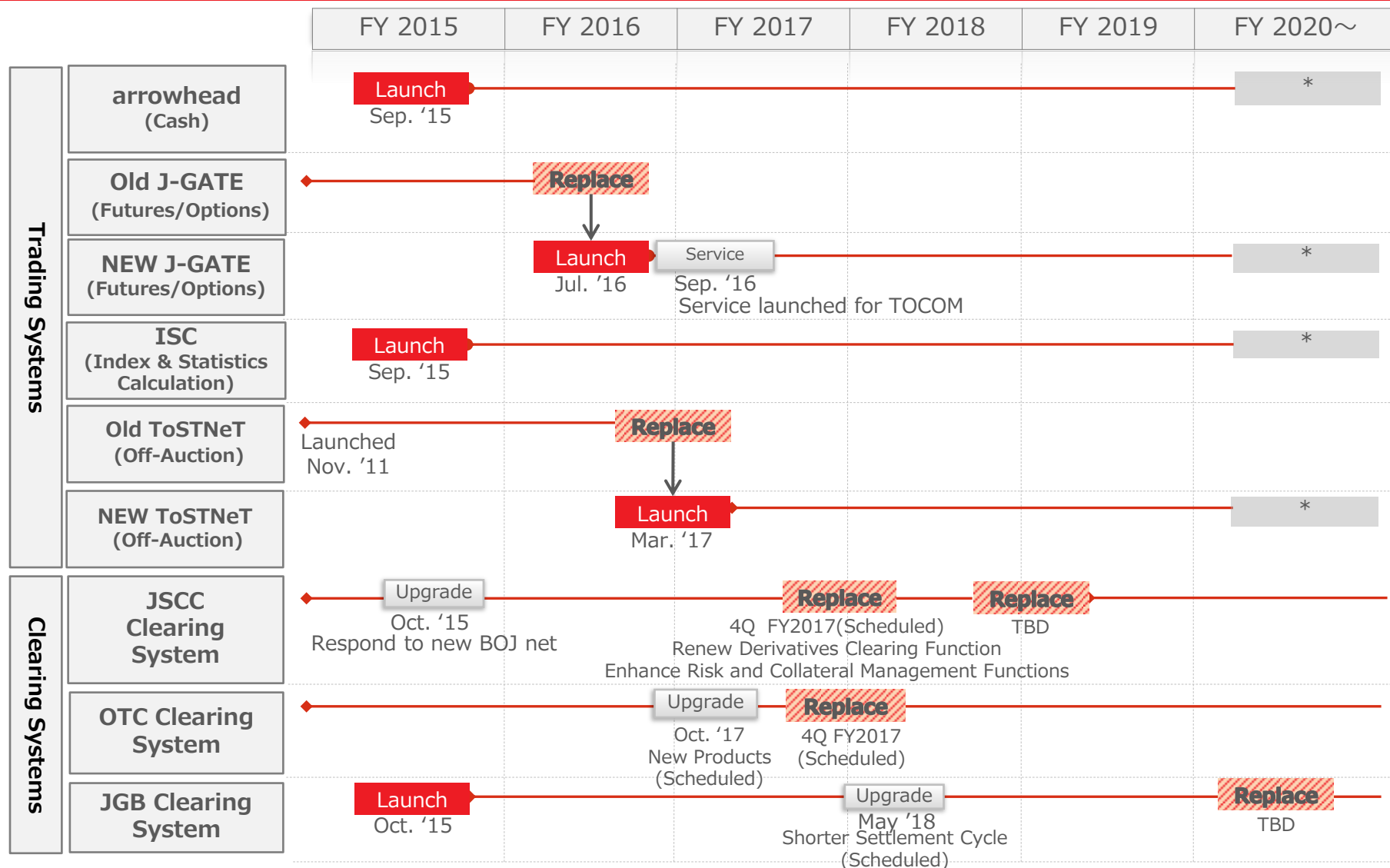
as of March 2017





# III. IT Systems Plan

## Schedule for Core Systems



\* Details will be subject to future discussions.

(Translation Disclaimer)

This English version is not an official translation of the original Japanese document. In cases where any differences occur between the English version and the original Japanese version, the Japanese version prevails. Japan Exchange Group, Inc. (“JPX”) and its subsidiaries accept no responsibility or liability for damage or loss caused by any error, inaccuracy or misunderstanding with regard to this translation. This translation may be used only for reference purposes. JPX and its subsidiaries maintain the right to claim compensation for any damage or loss it may suffer from the violation of these conditions.

(Forward-Looking Statements)

These materials contain statements that constitute forward-looking statements. Some of these statements express, for general management purposes only, group performance targets. Forward-looking statements are not a guarantee of future performance. These statements are based on assumptions, which may prove incorrect, and reflect our management’s current views or expectations with respect to future events or results rather than historical facts. These forward-looking statements involve risks and uncertainties that could cause our actual results to differ materially from those we currently anticipate. Potential risks and uncertainties include, without limitation, that: (1) because our operations are restricted by law, we may experience competitive disadvantages if we are unable to receive in a timely manner or at all regulatory approvals necessary to pursue new business opportunities and new regulations or the manner of application or interpretation of existing regulations could restrict our current business or limit future business opportunities; and (2) because our group revenues are significantly affected by the level of market activity, they could be materially adversely affected by a general economic downturn, particularly in Japan, resulting in a reduction in trading volumes and liquidity of TSE-listed products.

(No Offer of Securities)

These materials are not an offer for sale of our securities in the United States or anywhere else. Our securities have not been registered under the U.S. Securities Act of 1933, as amended (“the Securities Act”) and may not be sold in the United States absent registration or an exemption from registration under the Securities Act.