



# IT Master Plan

FY2016

FY2018

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April 2018

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
April 2018	Updated replacement schedule for some core systems	Schedule for Core Systems

# **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)**

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## 2nd Medium-Term Management Plan

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

### Leverage competencies across JPX Group

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

### Aggressively pursue new business

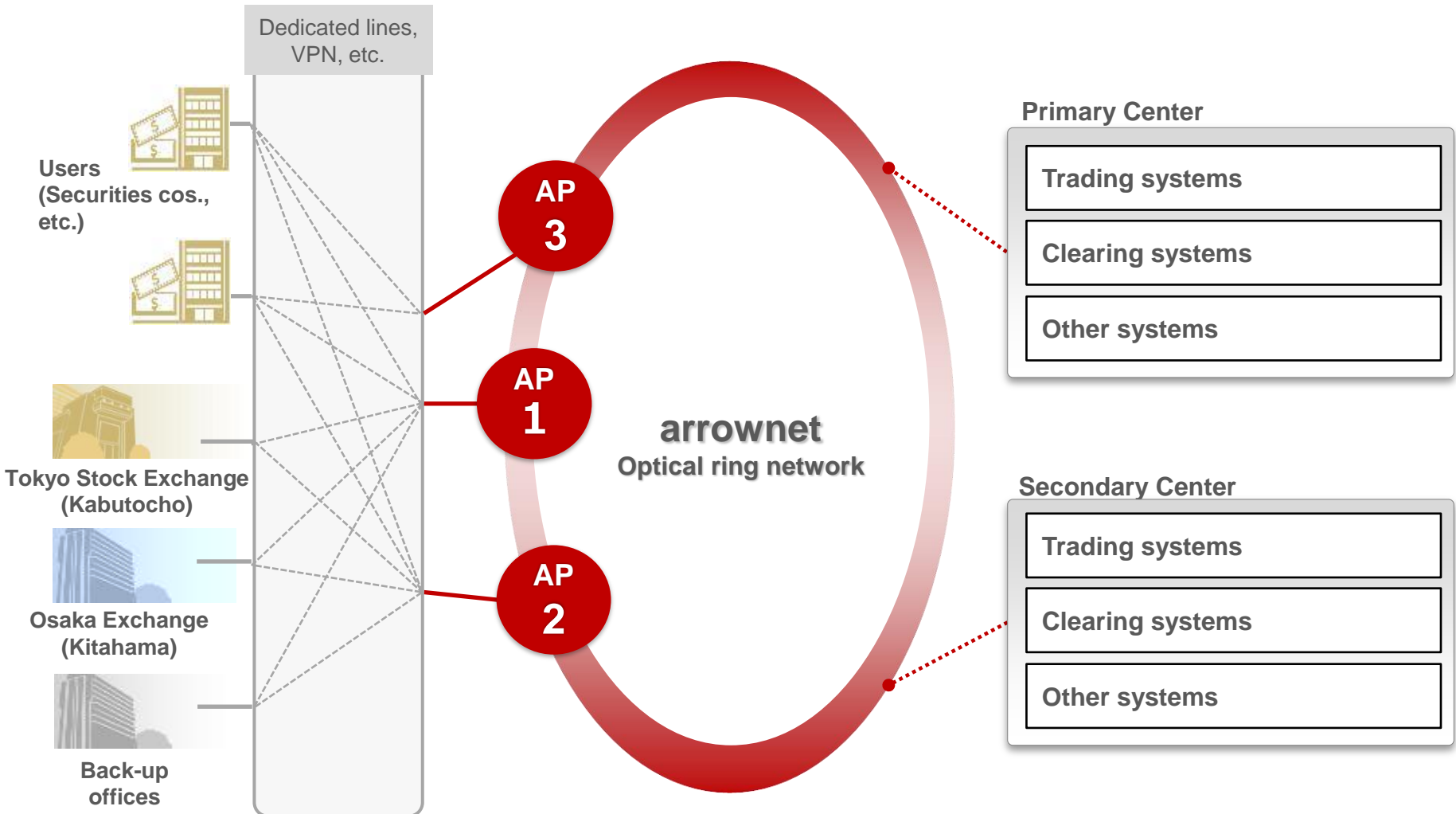
Diversify business portfolio toward ensuring stable market operations

## IT Initiatives

<b>Initiative ①</b> <b>Expand clearing / settlement services and enhance system infrastructure</b>	<b>Initiative ②</b> <b>Design next-generation trading systems</b>	<b>Initiative ③</b> <b>Launch next J-GATE and next ToSTNeT systems</b>	<b>Initiative ④</b> <b>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

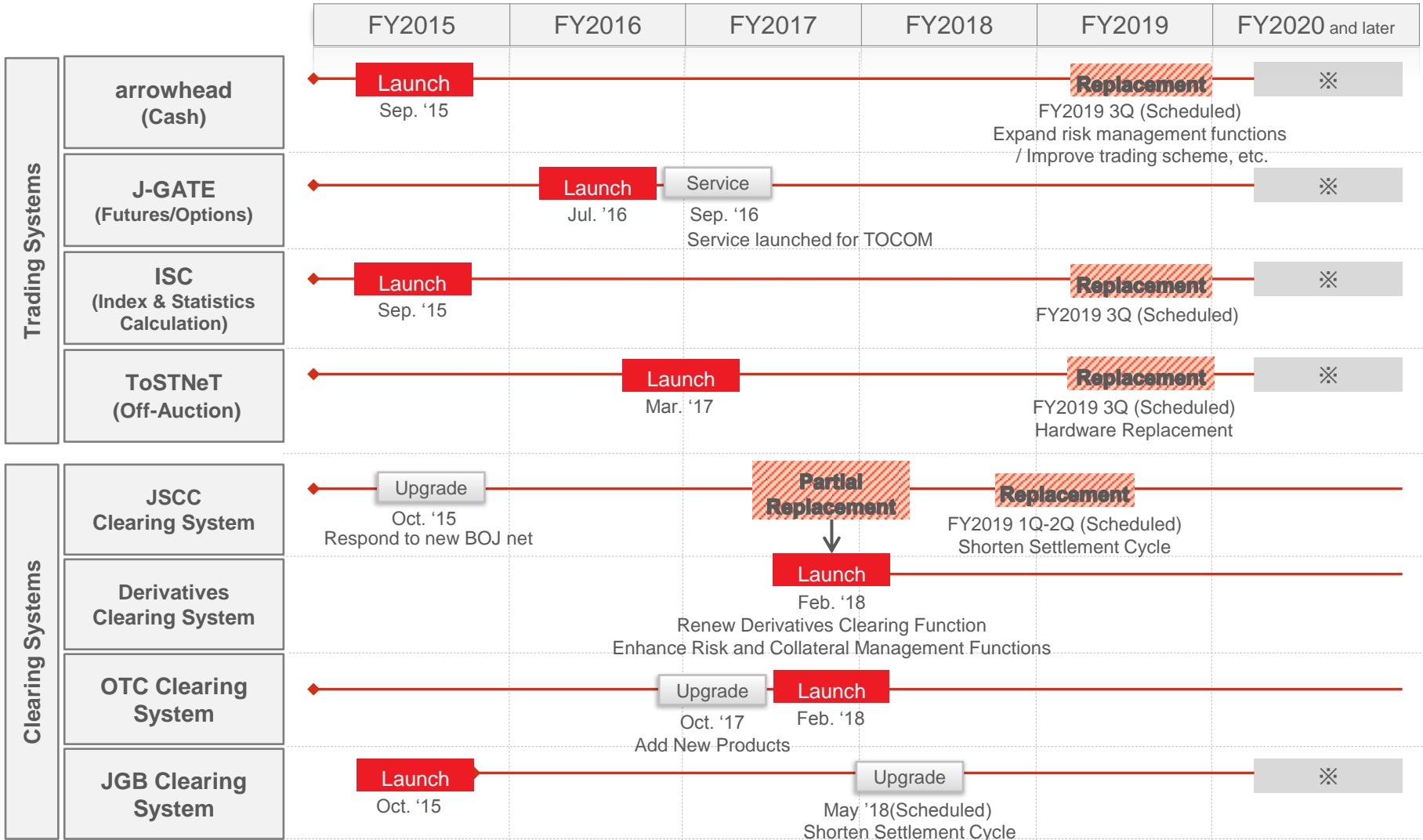
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# III. IT Systems Plan

## Schedule for Core Systems



※ Details will be subject to future discussions.

Discussion on incorporating systems for trading, clearing, and other functions into the system architecture at the new secondary center to match the replacement schedule of the relevant systems starting with the replacement of the derivatives trading system scheduled for FY2021.

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