



IT Master Plan

FY2016

FY2018

April 2016

Japan Exchange Group, Inc.

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)

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

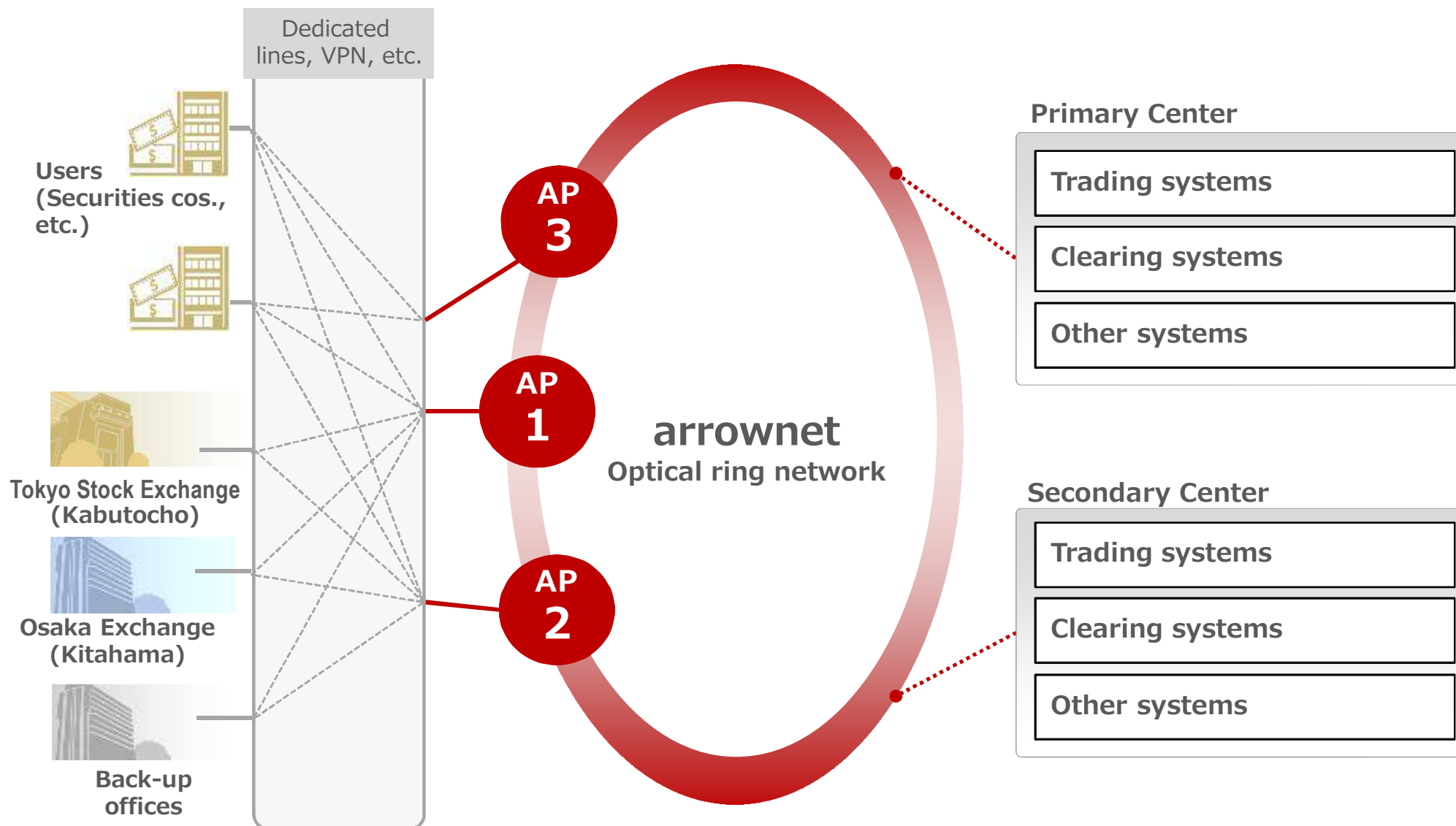
Initiative ① Expand clearing and settlement services and enhance system infrastructure	Initiative ② Design next-generation trading systems	Initiative ③ Launch next J-GATE and next ToSTNeT systems	Initiative ④ Strengthen BCP and cybersecurity
<ul style="list-style-type: none"> ✓ Strengthen system foundations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

III. IT Systems Plan

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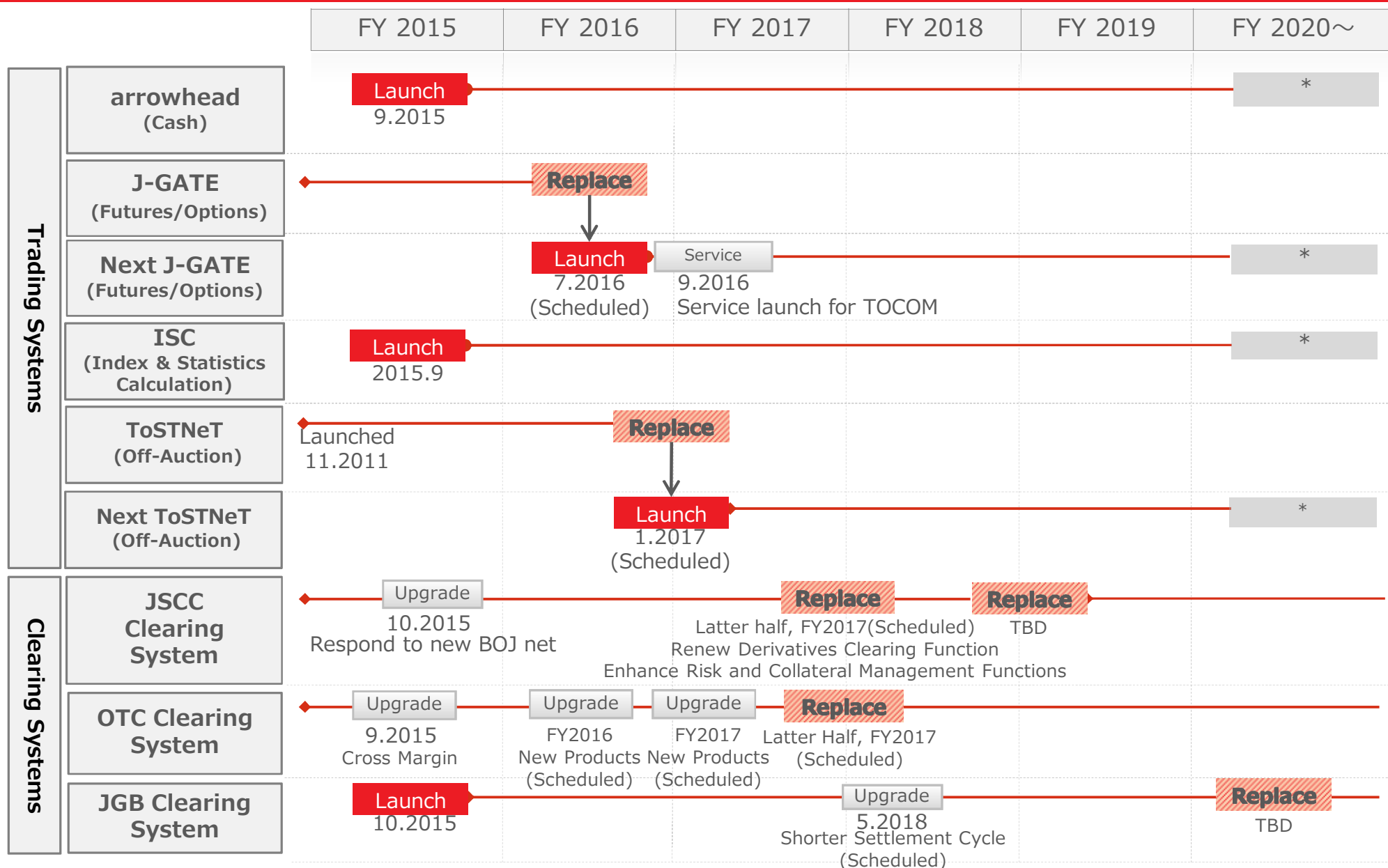
Overview of Systems

as of Next J-GATE launch (Jul. 2016)



III. IT Systems Plan

Schedule for Core Systems



* Details will be subject to future discussions.

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