





Data Management, Technology and Cybersecurity – An Overview

Ken Katayama

Senior Researcher, Nomura Research Institute (NRI) and APFF FMI Work Stream Sherpa

DATA MANAGEMENT, TECHNOLOGY AND CYBERSECURITY - AN OVERVIEW

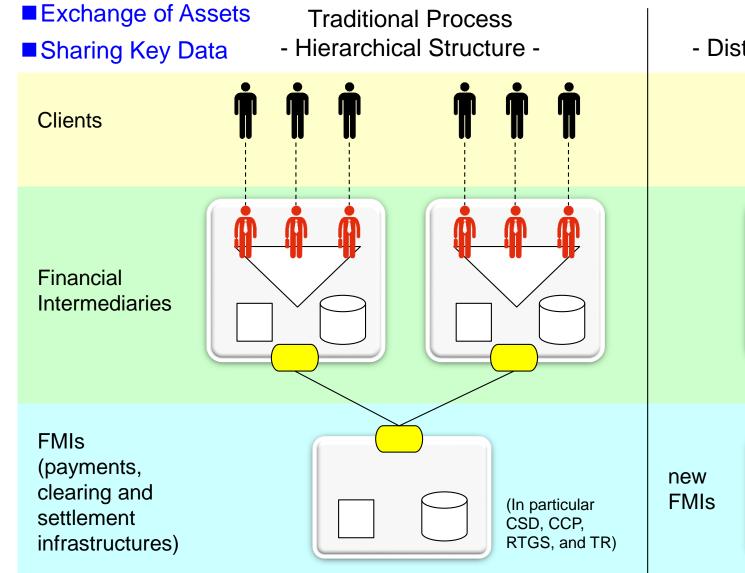
Problems and challenges

- >How "financial market infrastructures" help growth while maintaining stability?
 - >Traditional "Financial Market Infrastructures (FMIs)"
 - > Financial Intermediaries
 - >"new FMIs"

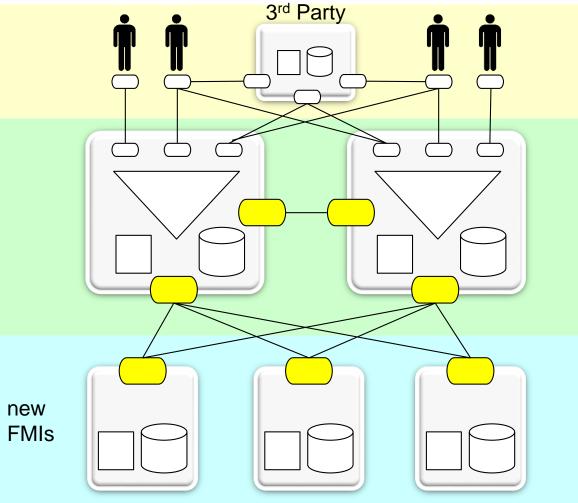
■What we need to determine?

- >How we can manage distributed key applications, storage, and connections?
- How "new FMIs" scalable?
- ➤ How we can harmonize the regulatory approach, requirements, formats?

What are the process that can change in the future?



Emerging ProcessDistributed Applications, Storages, Connections -



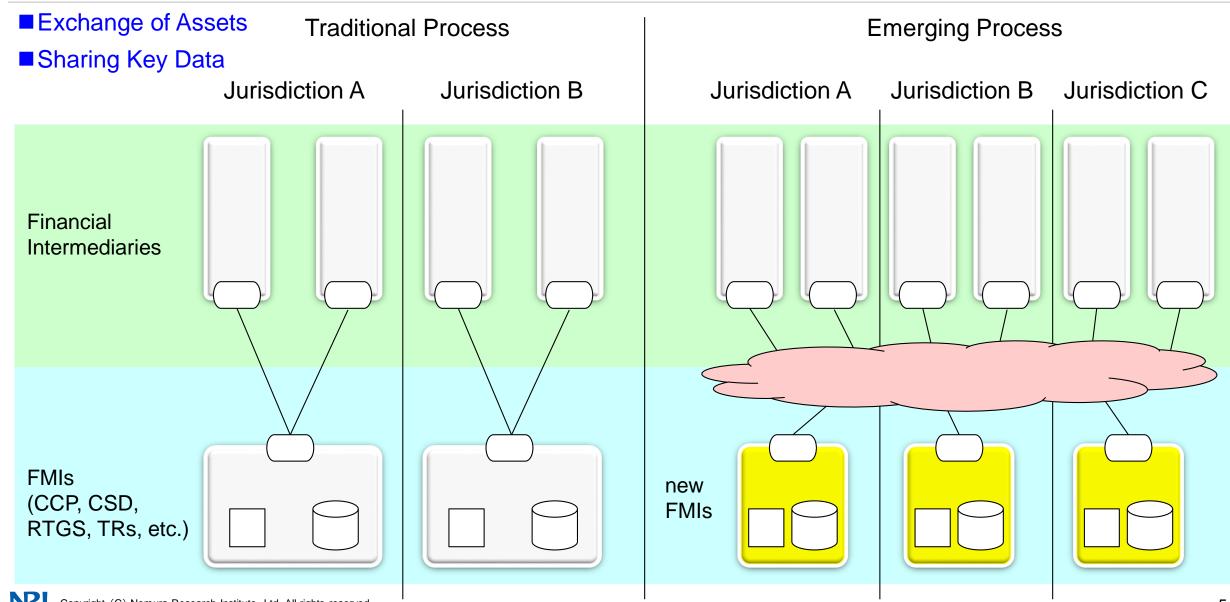
What are the process that can change in the future?

- Where are the emerging process applicable?
 - Developed market environment where trusted FMIs are already in place.
 - > Emerging market environment where trusted FMIs are yet established.

- What are the merits?
 - > Disrupt current process.
 - > Provide inclusive services.

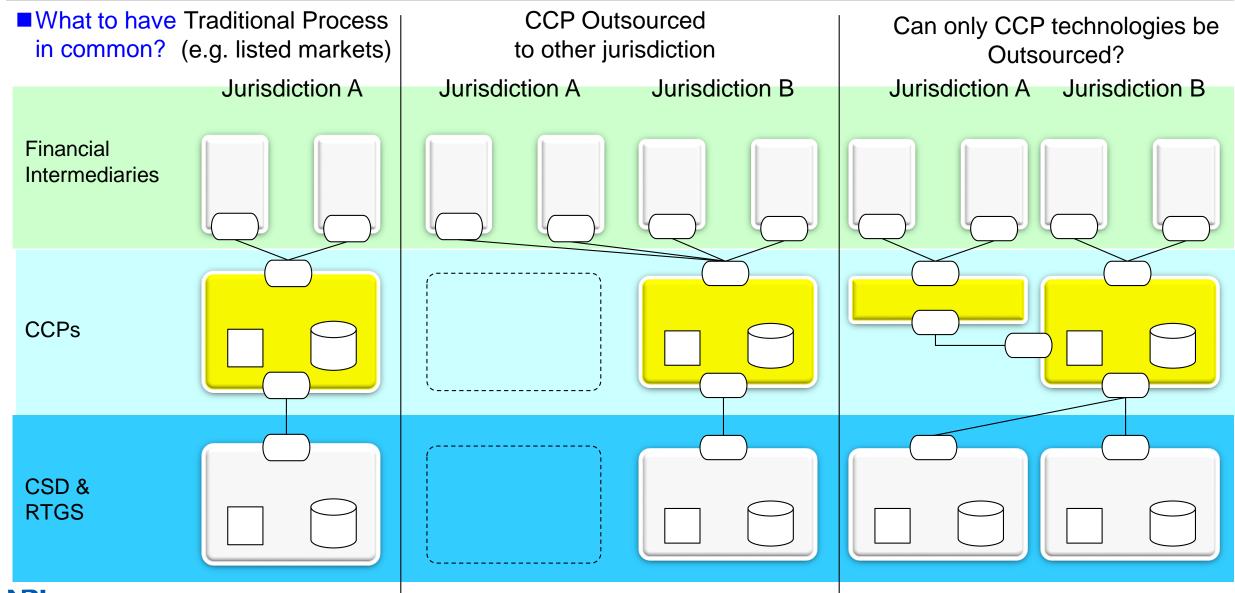
- ■What are the risks?
 - Increased number of interface ports increase vulnerability for cyber security?
 - Distributed process make hard to monitor the health of entire system?

How economies address cross-border process?



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How central counterparties' functions are provided?



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What APEC economies are expected to address?

■Scope of "financial market infrastructures" (including "new FMIs")

■Sharing the data cross border to best use of "fmis"

■Utilizing the part of "fmis" across the border for economies of scale

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Dream up the future.





THANK YOU



