



The Industry Standard for Consumer
Access to Financial Records

FDX Overview for



21 July 2020

Financial Data Exchange (FDX)

Data Sharing Ecosystem

- We estimate that in North America alone there are ~100 million credential pairs being used to scrape data.
- Typically 30%-35% of a given financial institution's online user base has shared their credentials.
- Typically 25%-40% of a given financial institution's online logins are scraping sessions.

Who is using FDX

- 100% of our FI members using or plan to use FDX API
- >12 million consumers are on FDX as of 4/15/20
- FDX API averaged 99.91% availability.

FDX Objectives

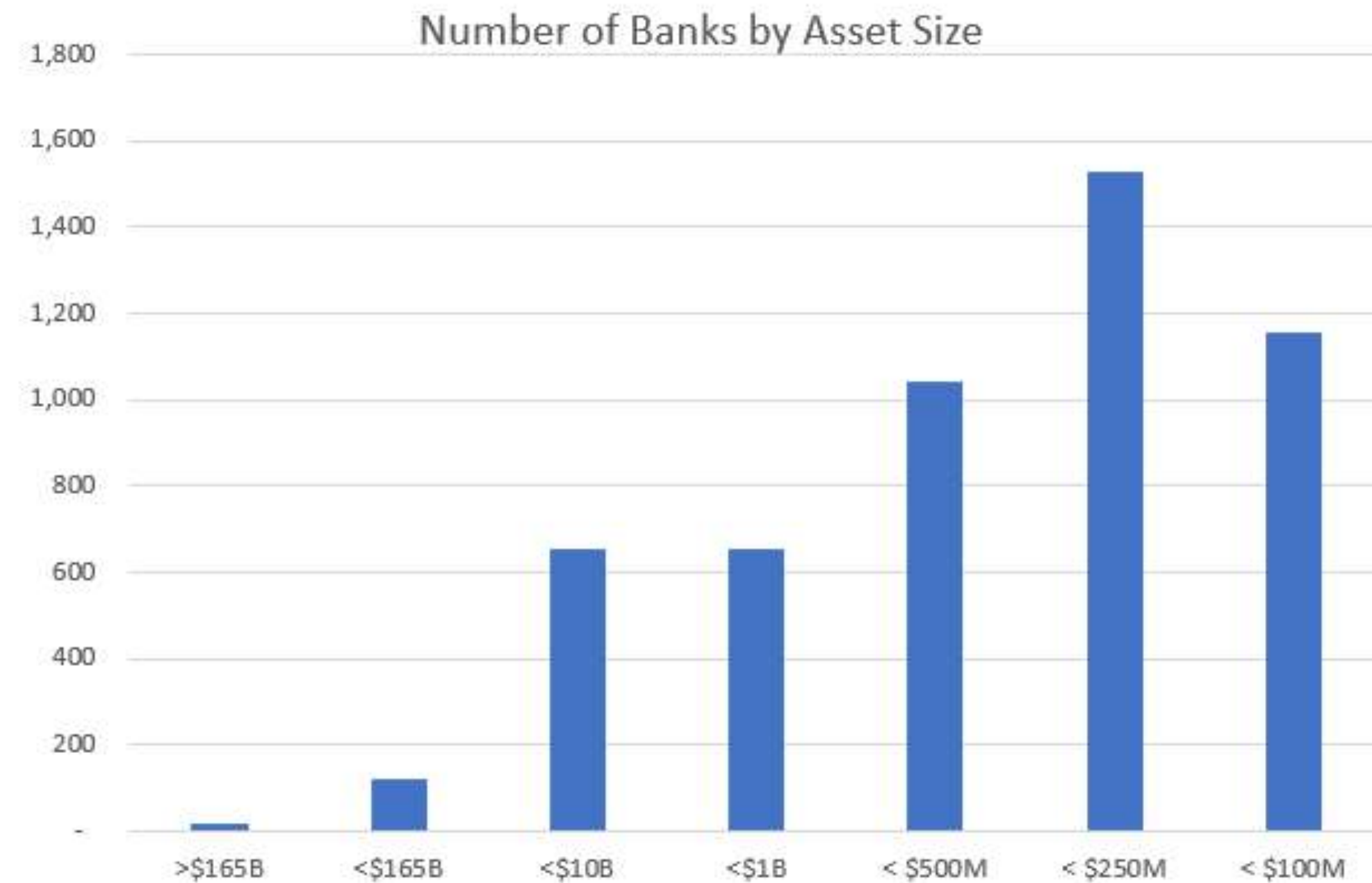
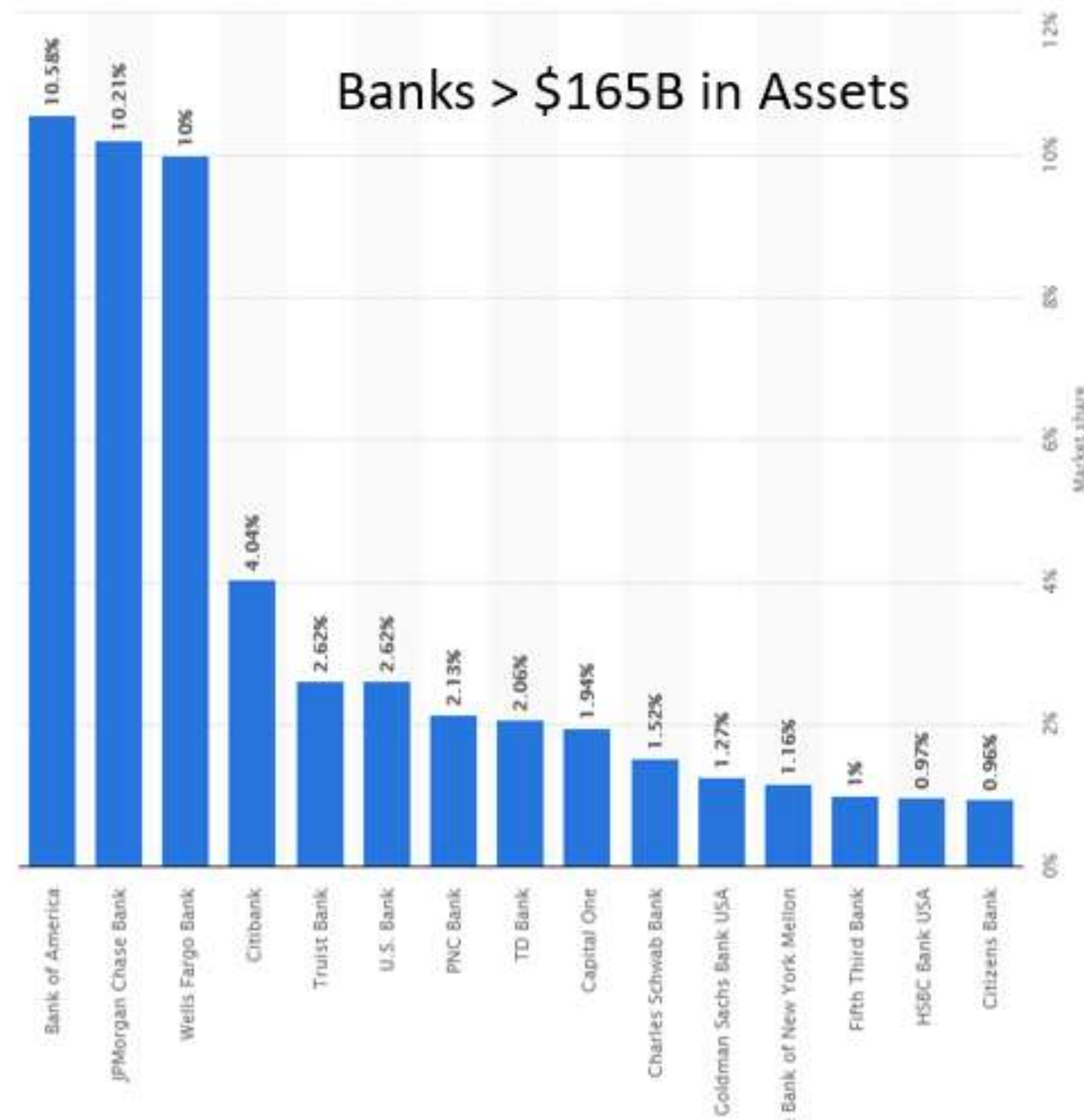
- Define Use Case Profiles: Adopt, Promote and Improve Data-Sharing Standards
- Adopt, Promote and Improve Secure Authentication Standards
- Develop a Certification Program
- Develop User Experience and Consent Guidelines Best Practices
- Seek Broad Adoption of the FDX API Standard
- Future Applications

FDX Benefits to Risk and Privacy

- Elimination of held-away credentials and screen-scraping
- API supports Strong Customer Authentication using token-based access (OIDC) and supports biometrics (FIDO)
- Tokens have event-based or time-based expiration.
- Clear consent for data sharing given by the consumer as to Who, What Purpose, What Data, and How Long
- Data elements permissioned through the API are well-defined by use case

FDX is not a policy or lobbying group.

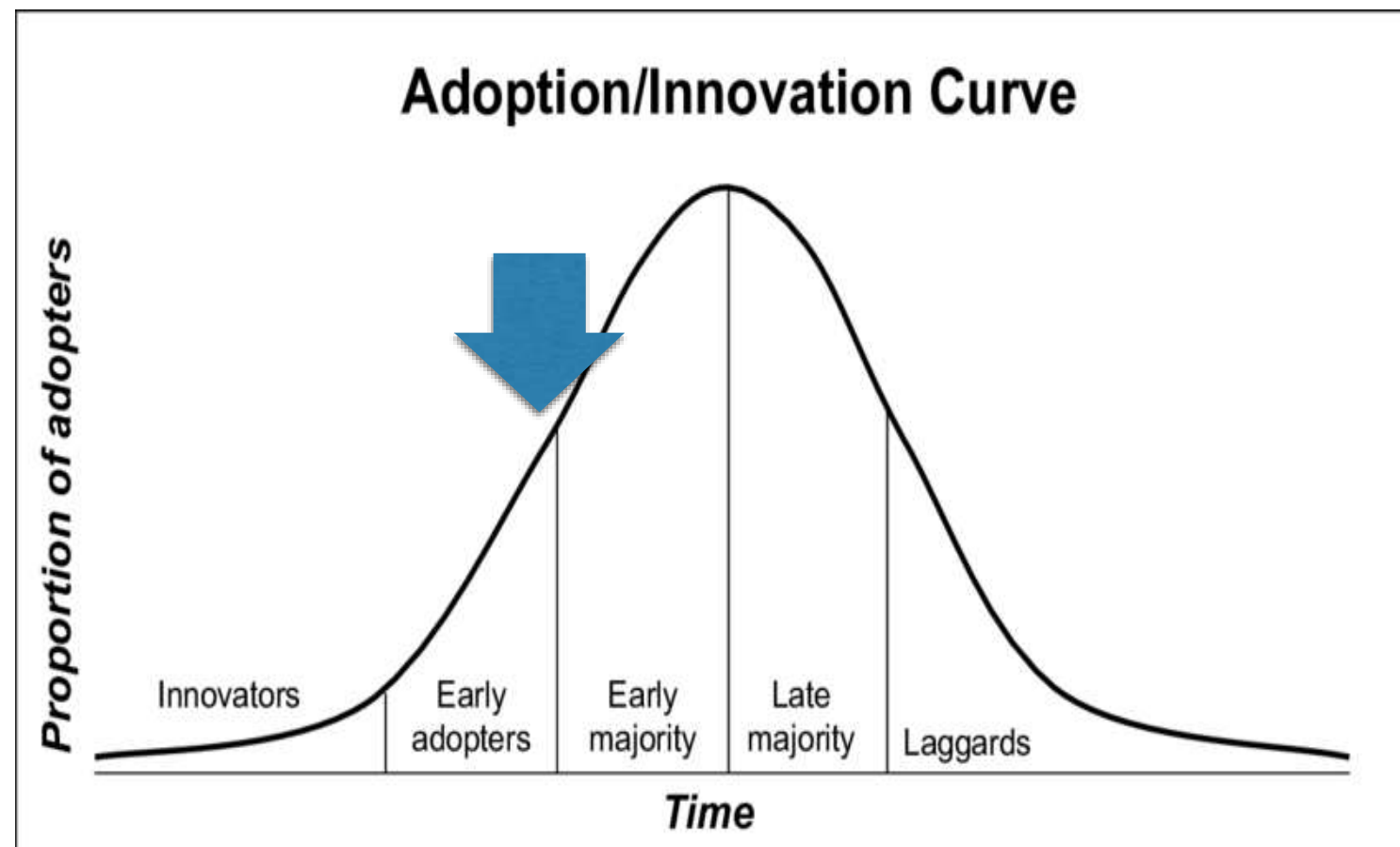
The US Banking Industry has a Barbell Distribution



Sources: <https://www.statista.com/statistics/727546/market-share-of-leading-banks-usa-domestic-deposits/>
<https://www.bankingstrategist.com/community-banks-number-by-state-and-asset-size>

Financial Data Exchange (FDX)

The current Board comprises 11 Financial Institutions, 5 Permitted Parties, 5 Aggregators, 2 Industry Groups & the FS-ISAC.



118 Member Organizations



Common Members / Common Mission

AUTHLETE


FORGEROCK®

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How is the #FDXAPI different from other consumer-permissioned financial data-sharing standards? Check out our latest #FDX Member Spotlight with ForgeRock's Nick Caley and Allan Foster to find out. [...see more](#)

FINANCIAL DATA EXCHANGE MEMBER SPOTLIGHT SERIES




FORGEROCK

"When I look at other open banking ecosystems around the world, what's unique about FDX is that everything is in play right now. Every kind of account. We're bringing in the independent brokers, advisers, the agents, the distribution network — you really need to look at a peer-to-peer, consent-enabled, secure sharing model."

NICK CALEY
VICE PRESIDENT,
FINANCIAL SERVICES
AND REGULATORY,
FORGEROCK

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"My view of the FDX standard is that it is a sound technical specification for access to a broad range of account information including base level OAuth profile," said Dr. **Torsten Lodderstedt** at #FDX DevCon 4.0 this morning reviewing the #F [...see more](#)

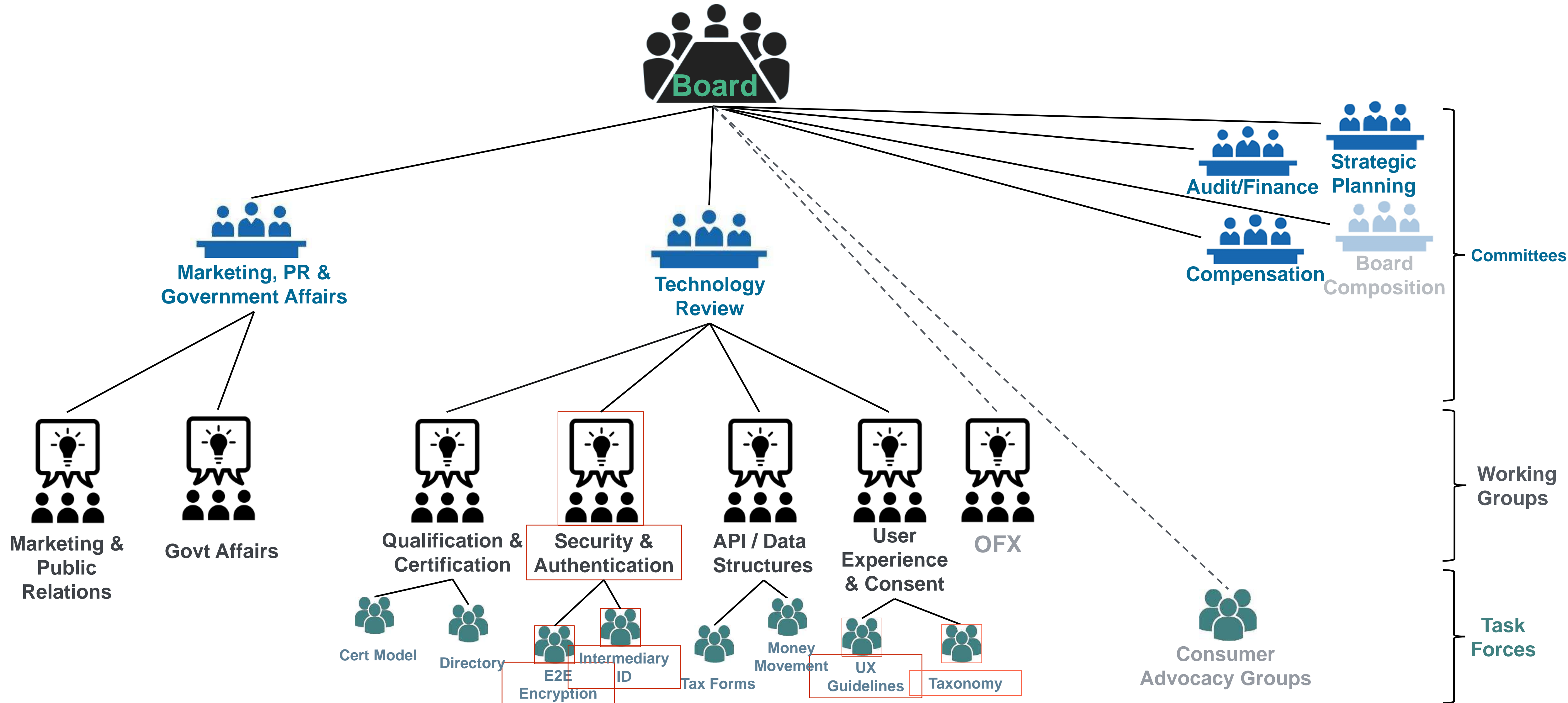


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"In all approaches, we need to ensure that customers are at the very center of all open banking activity," said UK **Open Banking** CTO **Chris Michael** during his presentation at FDX DevCon 4.0, echoing the core focus of FDX's Five Pri [...see more](#)



FDX Structure



Every Working Group, Committee and the Board are co-chaired by a Financial Institution and a Non-Financial Institution

Regulatory Response

US OCC says:

“These business arrangements, using APIs, may reduce the use of less effective methods, such as screen scraping, and can allow bank customers to better define and manage the data they want to share with a data aggregator and limit access to unnecessary sensitive customer data....As with other business arrangements, however, banks should gain a level of assurance that the data aggregator is managing sensitive bank customer information appropriately given the potential risk.

An API refers to a set of protocols that links two or more systems to enable communication and data exchange between them. An API for a particular routine can easily be inserted into code that uses that API in the software. An example would be the Financial Data Exchange’s “FDX API Standard”. <https://www.occ.gov/news-issuances/bulletins/2020/bulletin-2020-10.html>

US Treasury says:

...there was universal agreement among financial services companies, data aggregators, consumer fintech application providers, consumer advocates, and regulators that the sharing of login credentials constitutes a highly risky practice.

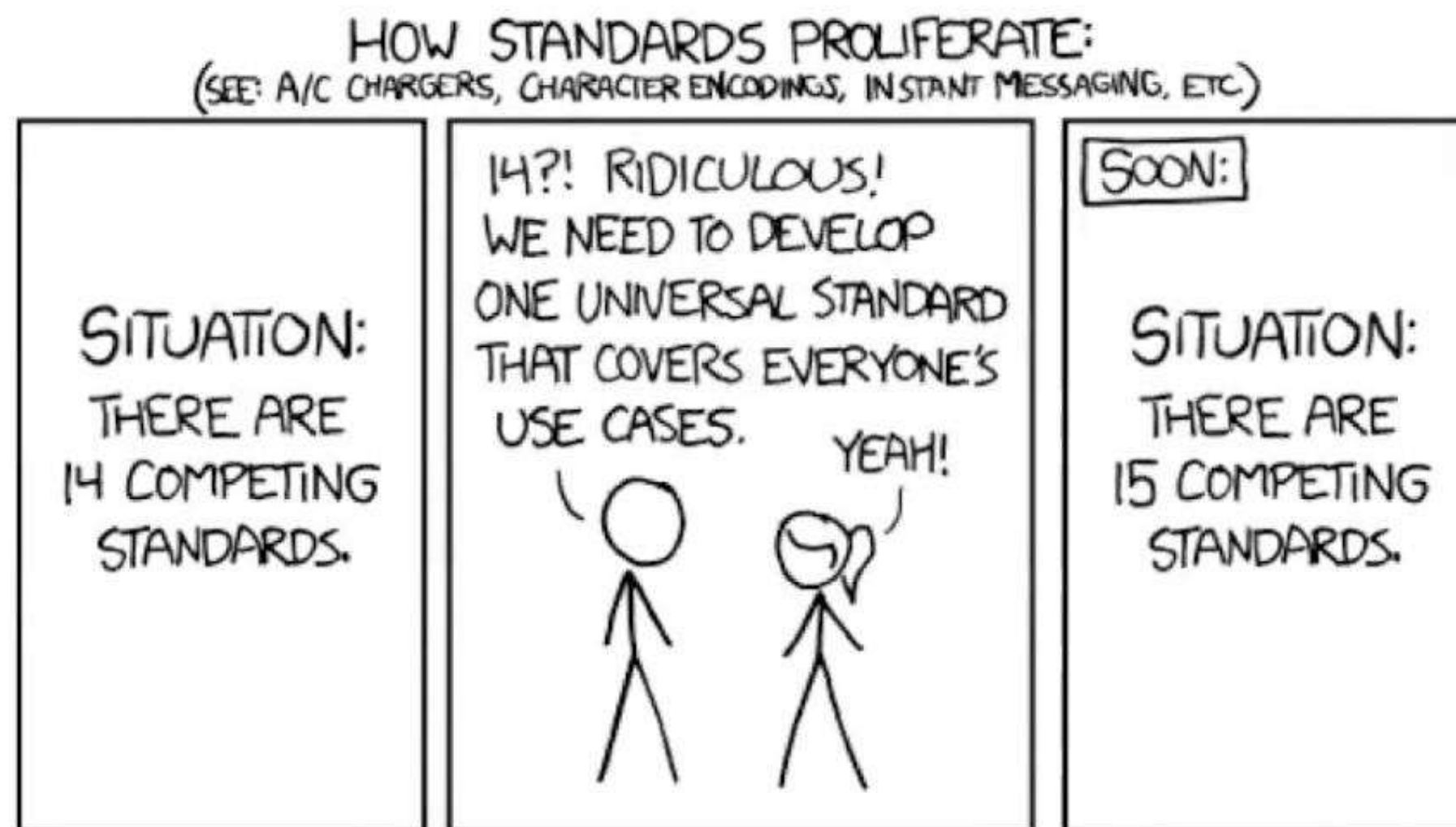
APIs are a potentially more secure method of accessing financial account and transaction data than screen-scraping.”

<https://home.treasury.gov/sites/default/files/2018-08/A-Financial-System-that-Creates-Economic-Opportunities---Nonbank-Financials-Fintech-and-Innovation.pdf>

Final Thoughts

What happens if you don't have a large diverse group working on your common standard?

Why go it alone?



Call to Action

Go to <https://financialdataexchange.org/> request the spec and see for yourself. It is **free** to use.

Thank You



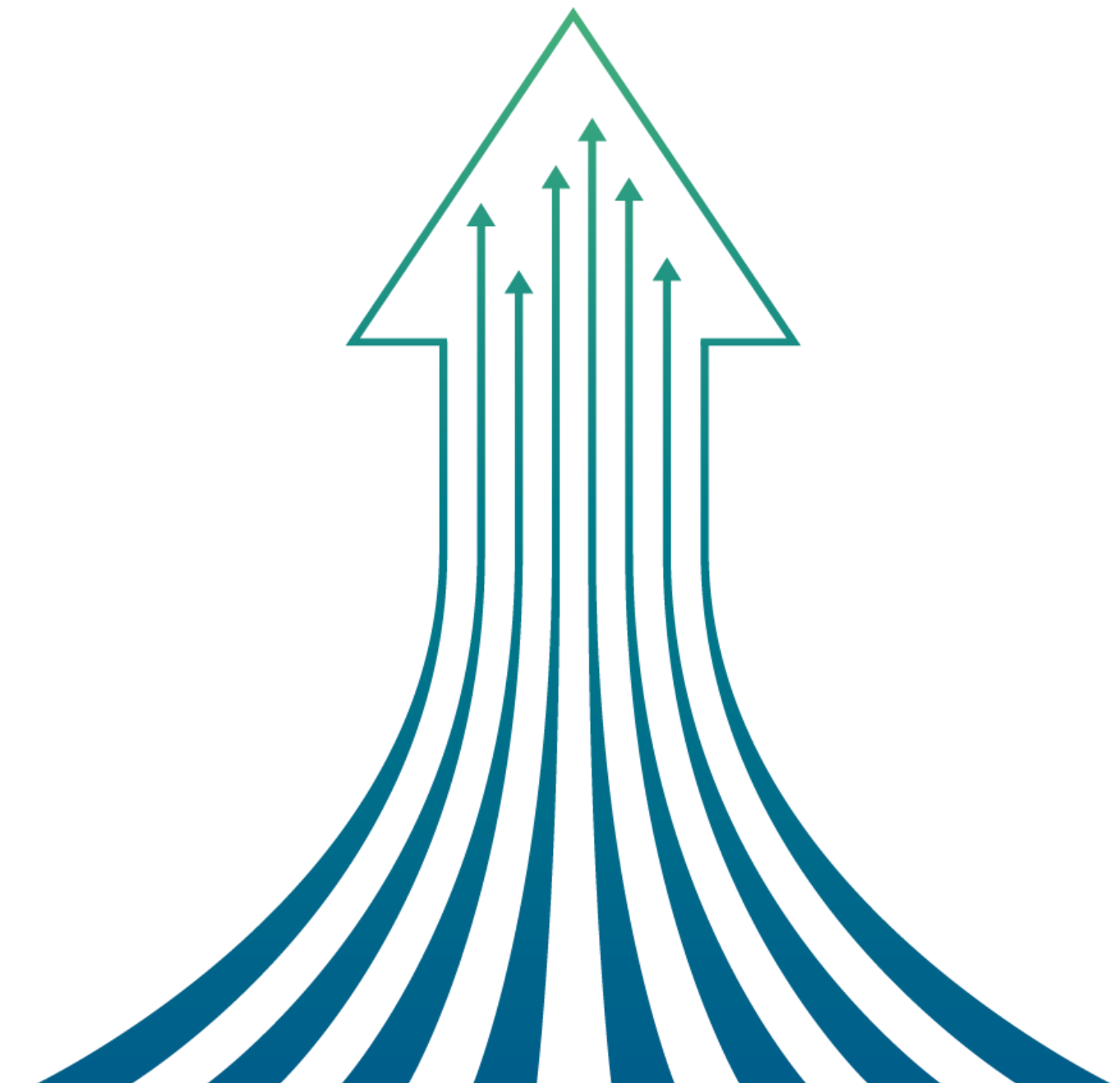
<https://www.linkedin.com/company/financial-data-exchange/>



<https://twitter.com/fdxorg>



<https://financialdataexchange.org/>



Appendix

FI Onboarding Portals

- Wells Fargo: <https://developer.wellsfargo.com/>
- Citi: <https://sandbox.developerhub.citi.com/>,
- US Bank: <https://developer.usbank.com/>
- BofA: aggregator.support@bankofamerica.com
- Chase: <https://developer.chase.com/>
- Capital One: <https://developer.capitalone.com/products/customer-transactions>
- Amex: <https://developer.americanexpress.com/open-banking>
- Truist: <https://developer.bbt.com/admin/app/home>
- PNC: <https://developer.pnc.com/>