



Layered Architecture and Data Ownership

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Taipei, Taiwan

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<http://yokozawa.mois.asia/>

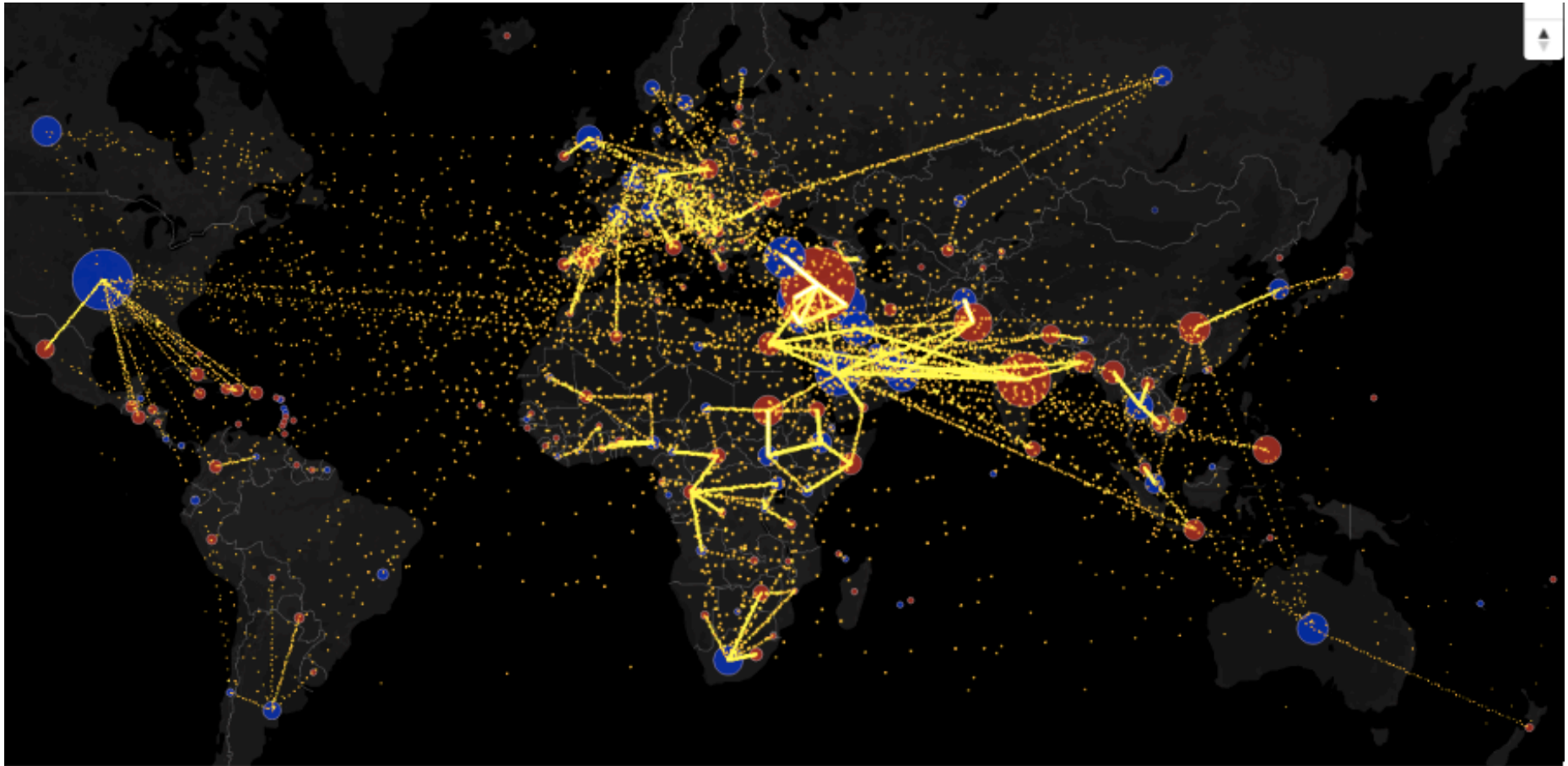
http://www.soc.i.kyoto-u.ac.jp/en/divisions/social_info_network/market_and_organizational_information_systems/

#whois mois.asia

Domain ID:D787490-ASIA
Domain Name:MOIS.ASIA
Domain Create Date:01-May-2008 14:56:52 UTC
Domain Expiration Date:01-May-2017 14:56:52 UTC
Domain Last Updated Date:25-Apr-2016 10:46:20 UTC
Registrant Name:Mac Yokozawa
Registrant Organization:MOIS LABORATORY
Registrant Address:Yoshidahoncho
Registrant City:Kyoto
Registrant State/Province:Kyoto
Registrant Country/Economy:JP
Registrant Postal Code:6068501
Registrant Phone:+81.16506532501
Registrant E-mail:m-yokozawa@i.kyoto-u.ac.jp

Freedom of movement

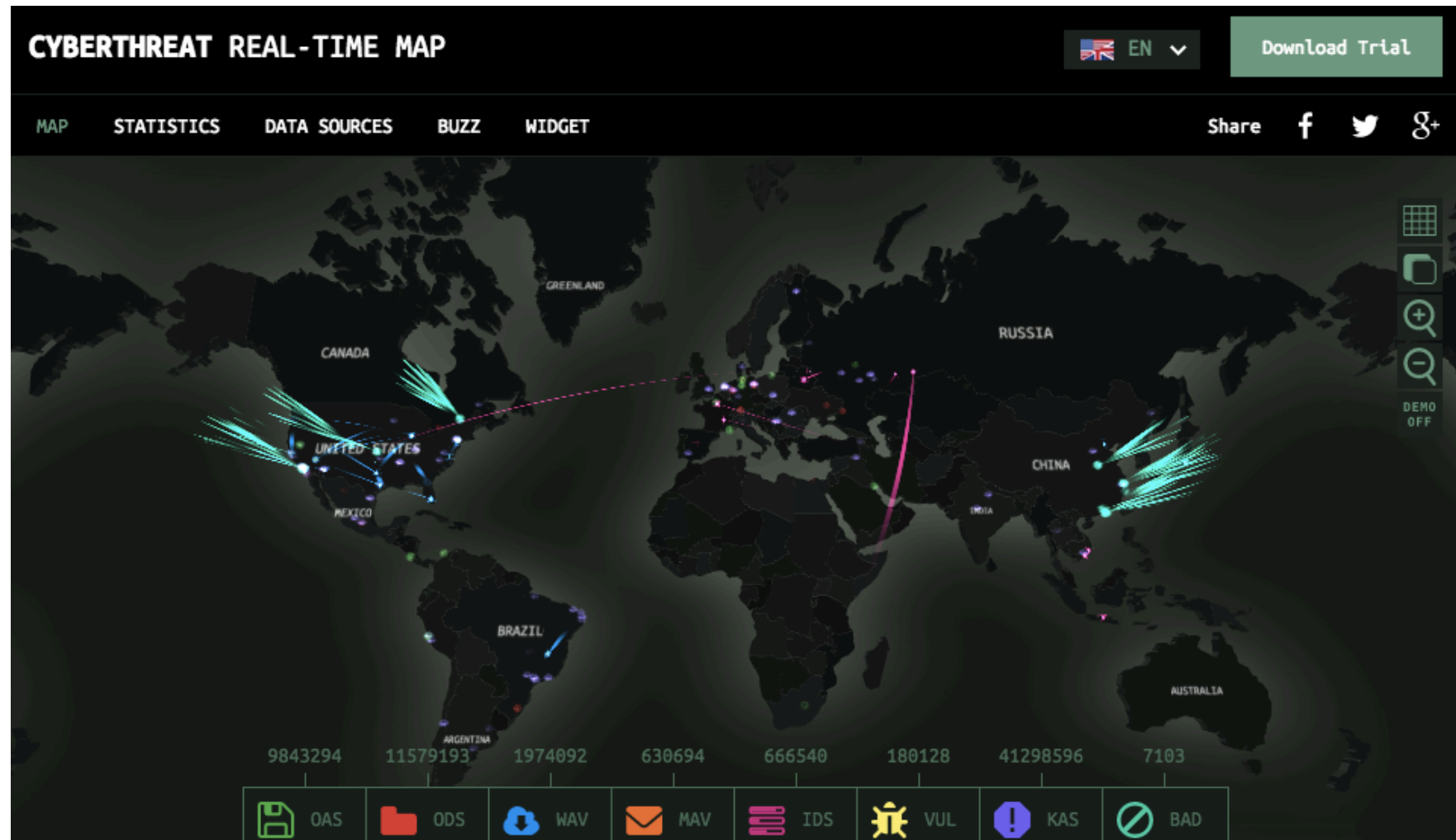
Country-to-country net migration (2010-2015)



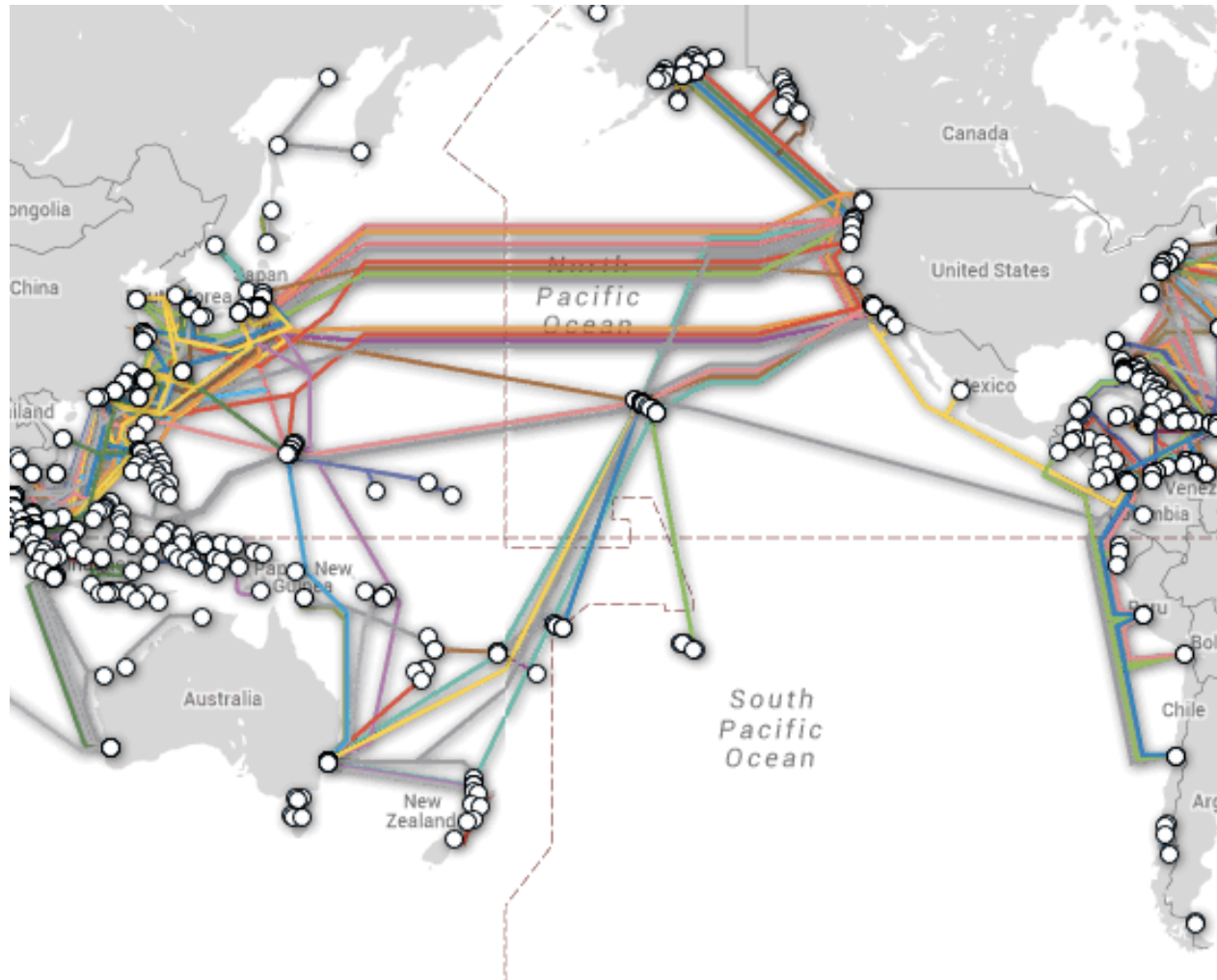
<http://metrocosm.com/global-immigration-map/>

Freedom of safe use

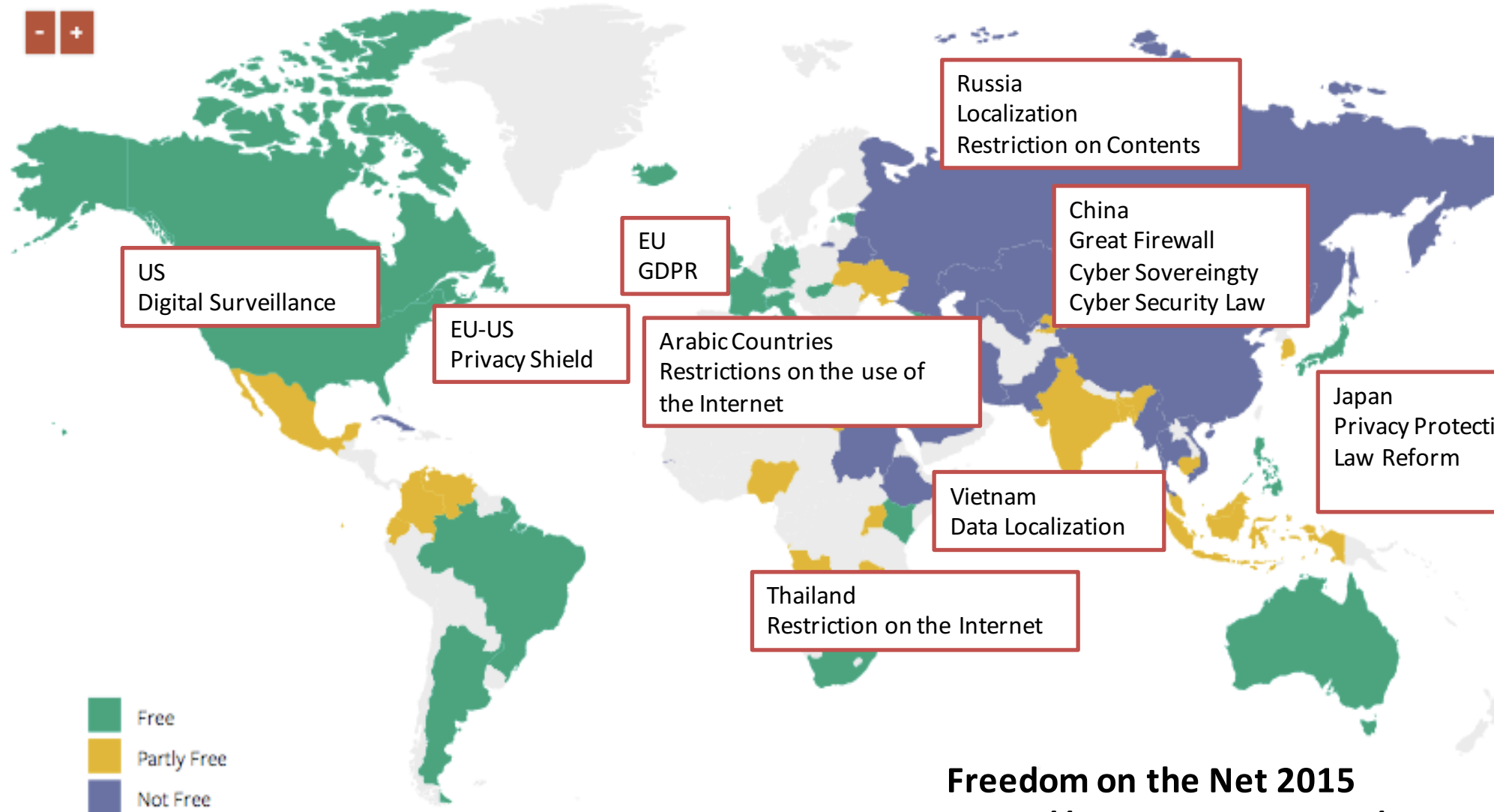
<https://cybermap.kaspersky.com/>



Pacific Network Architecture



Unharmonized policies for Digital Traders



Freedom on the Net 2015
<https://freedomhouse.org/>

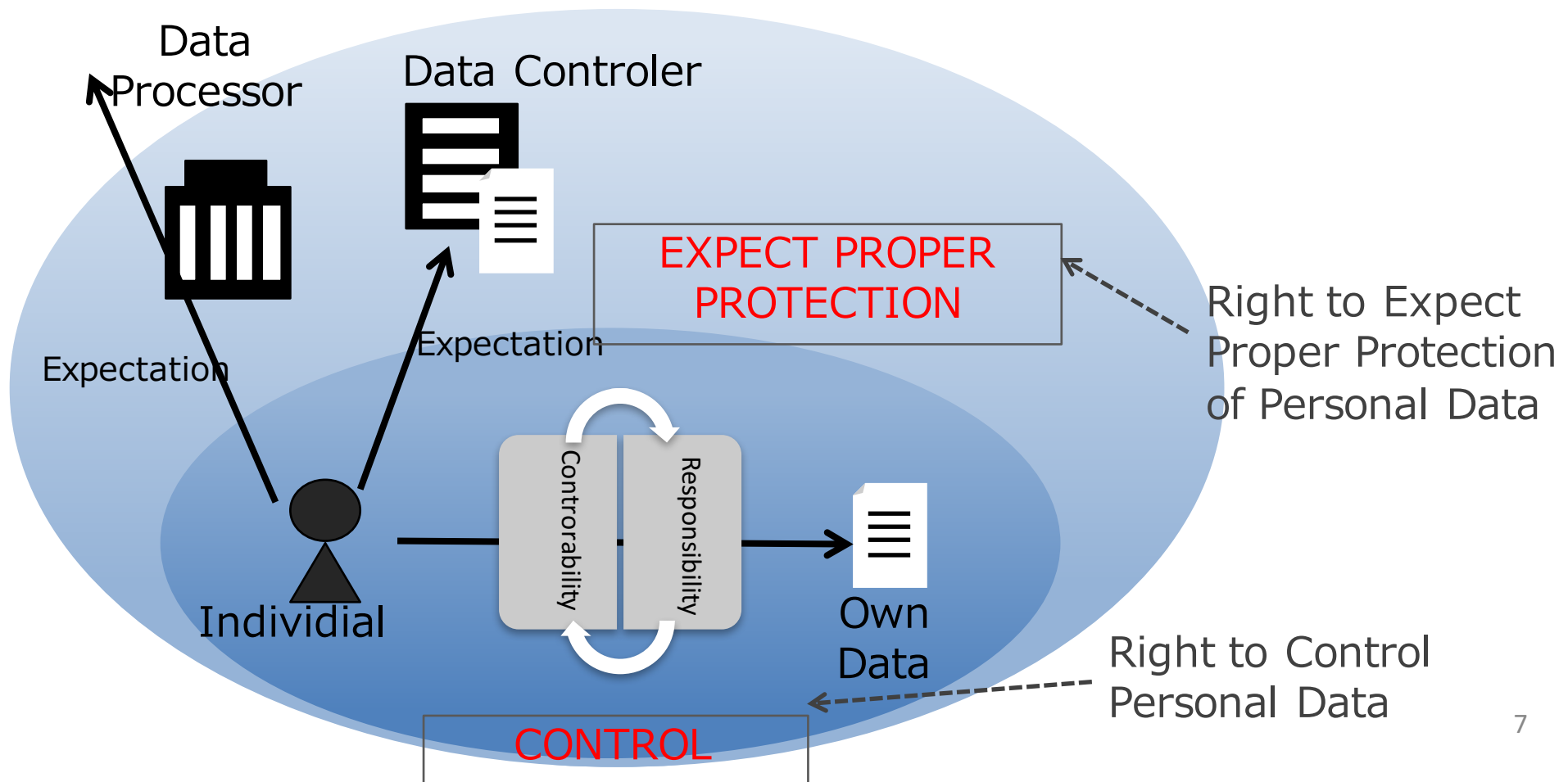
Right to own your own data.

- Who owns your personal data matters.
 - Is that your Internet provider, bank, mobile phone operator, eCommerce provider, government or yourself?
 - My photo taken by my friend Who is the owner?
 - Anonymized health record of my disease in hospital, who is the owner?
- Fundamental structure of digital economy

Who is your trustable partner of ownership?

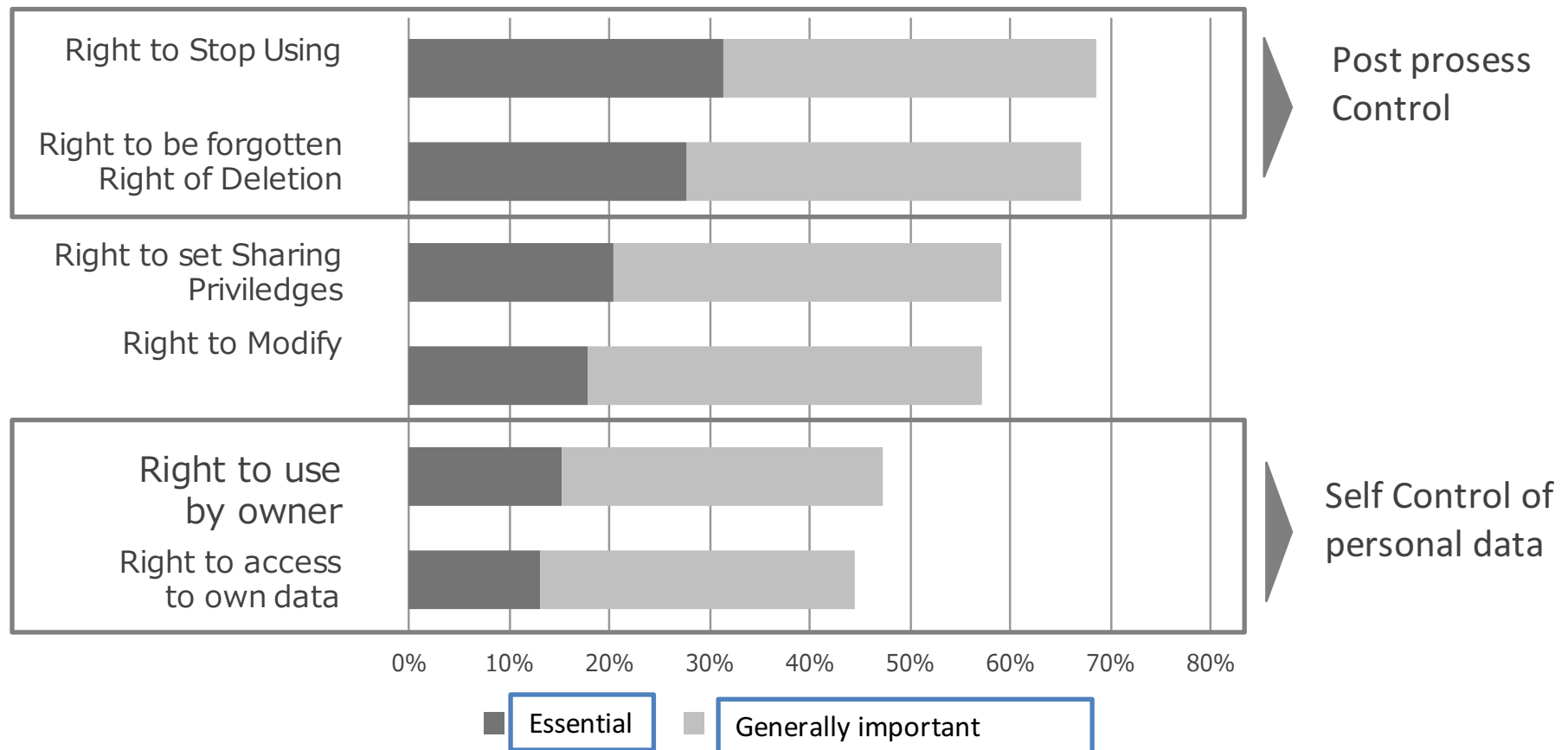
- Data Brokers?
- Government?
- Bank?
- Cloud Service Providers?
- orNone?

Data Ownership Trust Architecture



Expectation of Human Rights in Data Ownership

必要だと思うコントロールの内容



APEC/Cross Border Privacy Rules

<http://www.cbprs.org/>

The APEC Cross Border Privacy Rules (CBPR) system, endorsed by APEC Leaders in 2011, is a voluntary accountability-based system to facilitate privacy-respecting data flows among APEC economies. It has four main components:

1. recognition criteria for organisations wishing to become an APEC CBPR system certified Accountability Agent;
2. an intake questionnaire for organisations that wish to be certified as APEC CBPR system compliant by a third-party CBPR system certified Accountability Agent;
3. assessment criteria for use by APEC CBPR system certified Accountability Agents when reviewing an organisation's answers to the intake questionnaire; and
4. a regulatory cooperative arrangement (the CPEA) to ensure that each of the APEC CBPR system program requirements can be enforced by participating APEC economies.



Dual Certification

BCR,
Binding Corporate Rules