

Digital City - Digital Identity

Michael Shea

michael.shea@thedinglegroup.com



Why should you care?



Economics of Identity

Cost of Identity Assurance in UK - 3.3B GBP (2015)

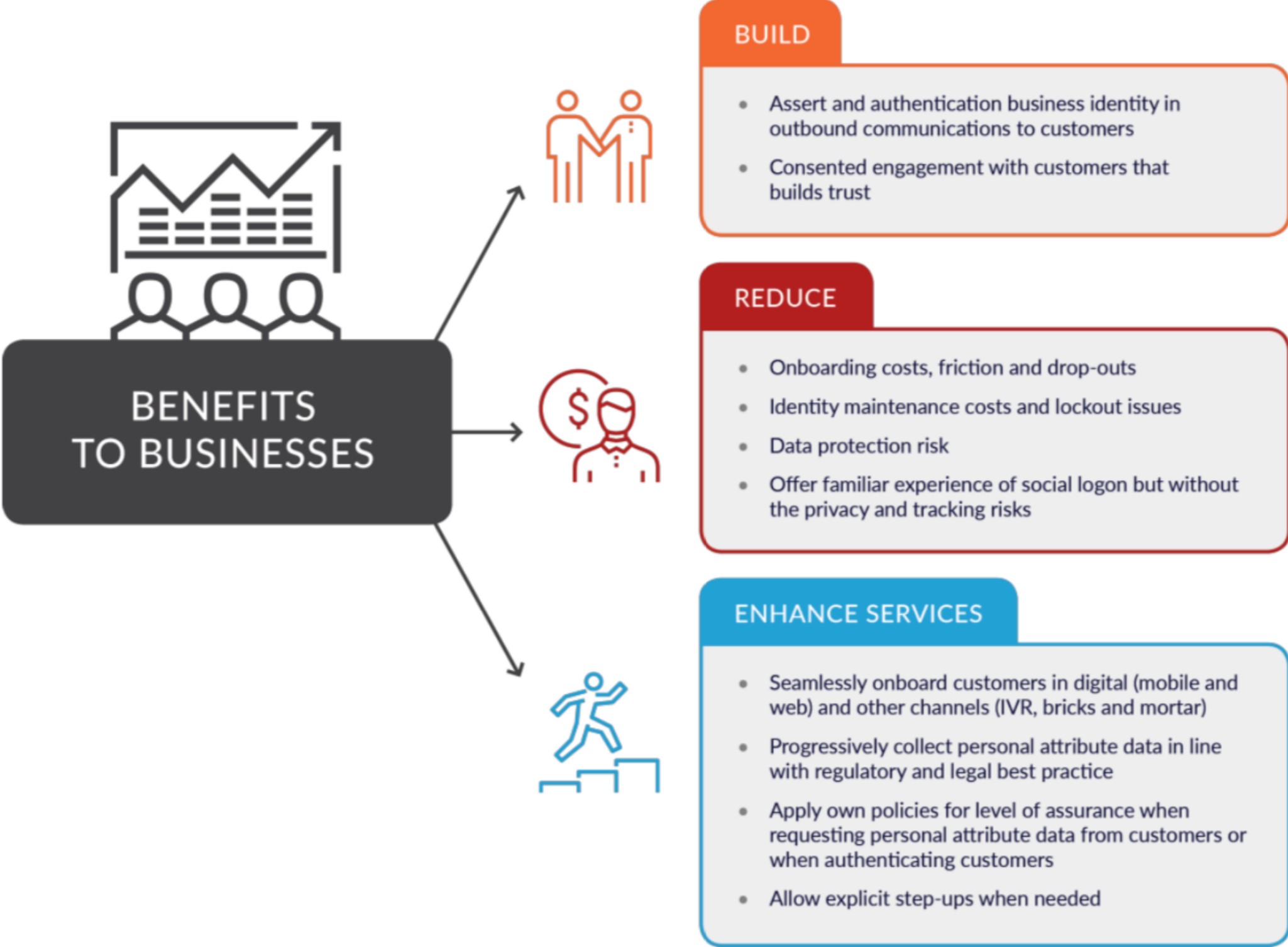
- 1.65B inside organisations and 1.65B consumer time costs
- projection is that over the next decade the **1.65B internal costs will drop to >150M** as a result of digital processes
- over same period significant opportunity for identity service providers at the center of verified attribute market (estimated market size 16.5B GBP)
- as costs of LOA2 processes decline more organizations will move from a LOA1 default to LOA2, with the net result of a broad net increase in the level of assurance across the market
- **Trust is a key issue** - consumers need to be confident these service providers won't use or misuse the data they generate in some way.

Source: Ctrl-Shift-and-OIX-Economics-of-Identity.pdf, Oct 2015



Economics of Identity

Value of trusted digital identity in Canada is at least 1% of GDP or \$15B CAD (2018)

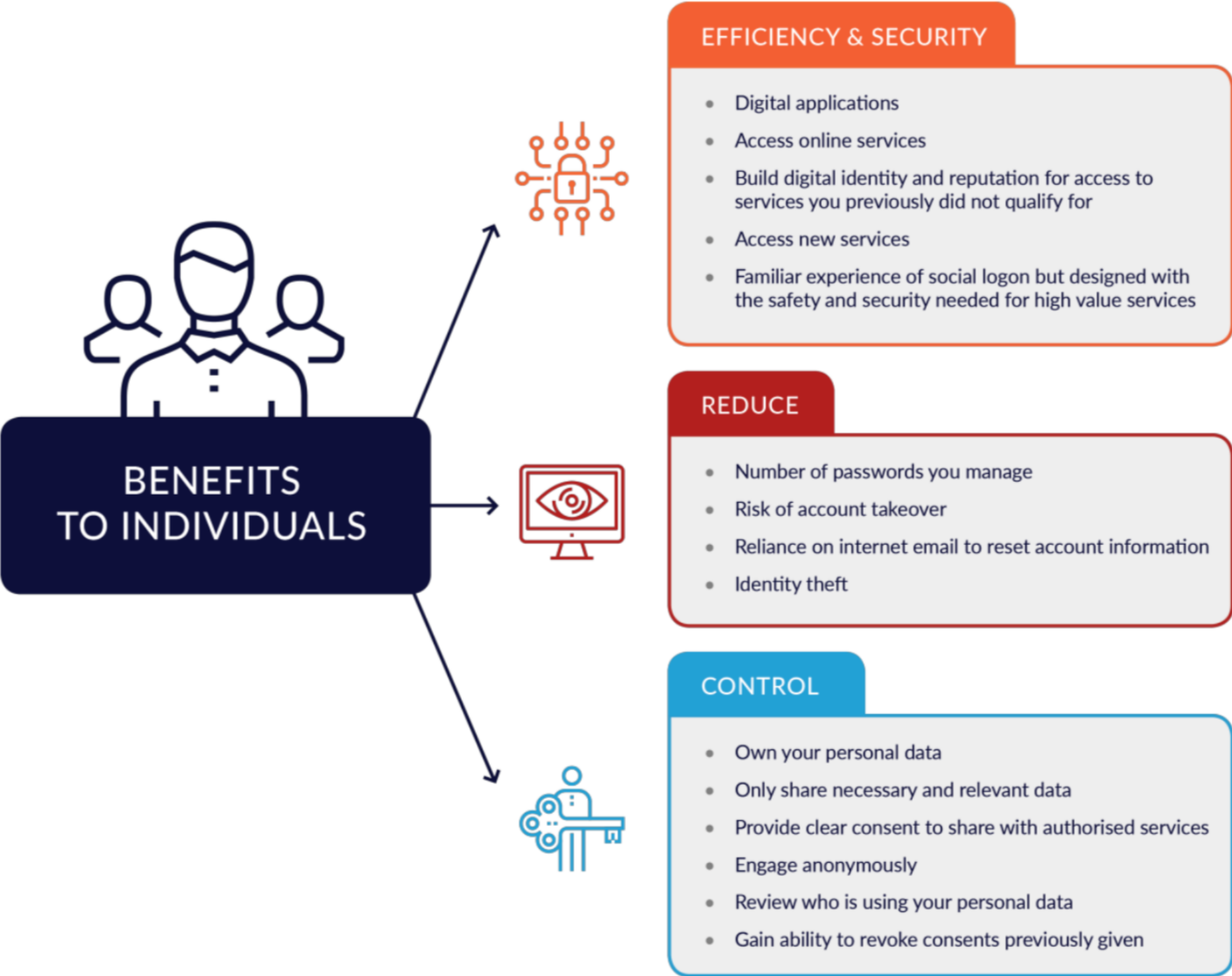


Source: The Economic Impact of Digital Identity in Canada, DIACC, 2018



Economics of Identity

Value of trusted digital identity in Canada is at least 1% of GDP or \$15B CAD (2018)



Source: The Economic Impact of Digital Identity in Canada, DIACC, 2018



Economics of Identity

... the POC achieved almost instantaneous communications between CBP and trade, improved documentation of receipt, and expedited processing for CBP.

US CBP - NAFTA/CAFTA POC Overview and Results



Operations

- ✓ Improved facilitation of CBP's audit process
- ✓ Increased speed and assurance of communication between CBP and trade
- ✓ Preliminary analysis and risk assessments enhanced by having the NAFTA/CAFTA statement embedded in initial filing
- ✓ Creates the potential for import specialists to focus more time on determinations and less time documenting results

Policy

- ✓ Supportive of leveraging Blockchain technology to enhance CBP's enforcement posture
- ✓ Recommend a working group be established with representatives across the Office of Trade (OT), Immigration and Customs Enforcement (ICE), and U.S. Trade Representative (USTR) to resolve questions on compliance issues and to develop standard operation procedures in applying blockchain to the FTA verification process.

Technical

- ✓ The digital signatures supported by Blockchain provide far more security than physical signature typically required for NAFTA/CAFTA processing
- ✓ Future Blockchain POCs should make running a Blockchain node a mandatory requirement of participation

Legal

- ✓ Found no legal prohibitions against electronic submission and CBP verification of the data elements comprising a NAFTA certificate of origin and a CAFTA-DR certification
- ✓ Recommend piloting the system under NCAP and specifically approving the use of the Blockchain technology to electronically sign and transmit an electronic equivalent of a NAFTA certificate of origin and CAFTA-DR certification



Vienna Digital Identity Meetup

What: Presentations and Discussions on the Technical, Business, Legal and Societal implications and impacts of digitized Identity

When: 4th Monday of the Month

Where: RIAT, Neubaugasse 64-66



Thank you!

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