



Identity Systems at Scale: The Value of Trust Frameworks

IATA WORLD PASSENGER SYMPOSIUM
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Identity is a “Wicked Problem”

There is no universally accepted
definition of the problem

There is no stopping rule

Solutions are not true or false, but
bad-or-good

There is no immediate test of a
solution

Wicked problems do not have an
enumerable set of solutions

Every wicked problem can be
considered to be a symptom of
another problem



Policy on Commerce
Report and report Obama
Policy on Tax Reform
Create a 10% separation tax
Lower the corporate tax
Eliminate the estate tax
Eliminate the
Introduce the
Introduce
Policy on
Withdraw
Negotiate
Reauthorize
Direct Trade
Use US and
Eliminating the
Policy on Defense
Requirement to

Cancel all terror
Suspend immigration from terror-prone regions
Implement new extreme immigration vetting tests
Implement the Syrian Refugee Program
Create support program for victims of illegal
Expand and centralize the popular 287(g) program
Eliminate defenses for all illegal immigrants who are
for any crime, and they will be placed into
criminal proceedings
End "Catch-and-Release"
Hire 5,000 more Border Patrol agents
Restore the Secure Communities Program
Triple the number of ICE agents
Build the border wall and eventually make Mexico
Suspend our visa laws so that Congress is forced
revisit and revisit them
Finally complete the biometric entry-exit visa
Propose Passage of Davis-Oliver bill
Immediately terminate Obama's "two illegal
to pass "Kate's Law"
Elimination of ISIS/National Defense
any more for joint defense
it a plan to defeat I
to defeat ISIS
Refugees
Tel Aviv to Israel
Four deal
in White House
in White House
of a foreign

Rabbi Shmuley/Twitter





Trust Frameworks

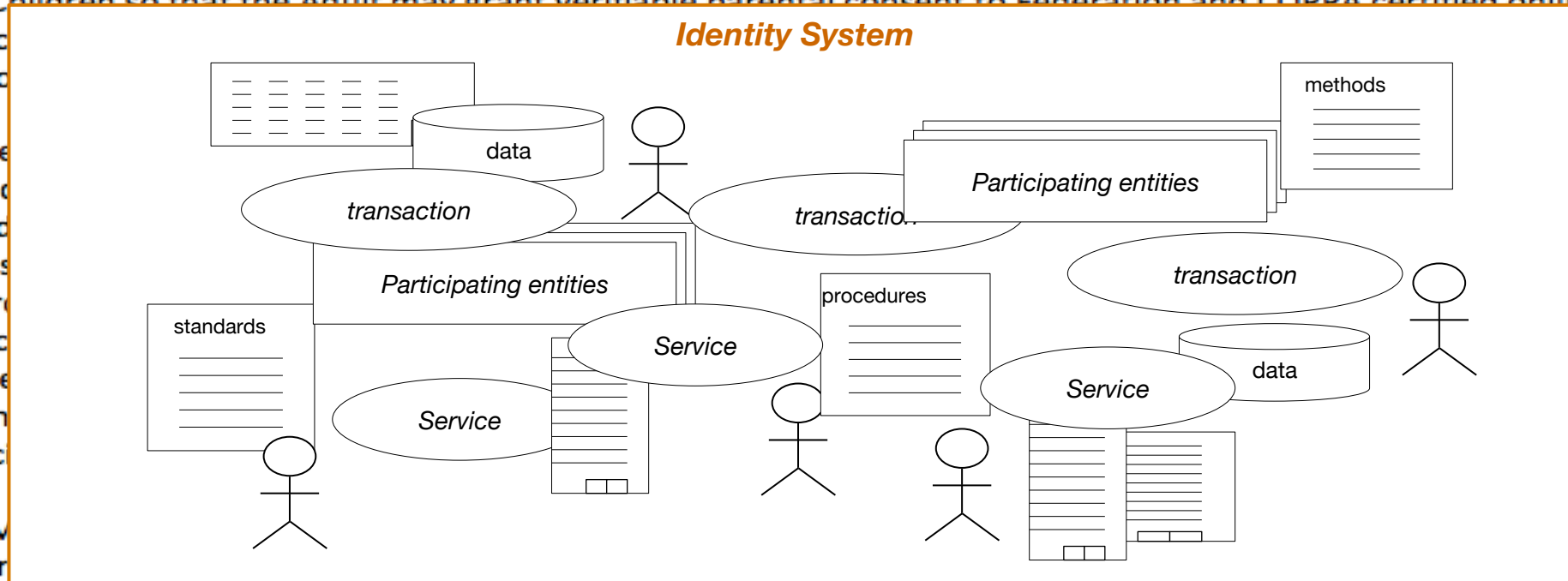
Trust Framework

The MTF is the collection of legal, technical, and operational policies that underpin trust across service providers and consumers that conduct transactions online. Federation Participants issue federated credentials to Adults and Children so that the Adult may grant verifiable parental consent to Federation and COPPA certified online service providers.

In a federated trust framework, service providers include status controls that participate in the verification of Parental Association.

The MTF is a Federated Trust Framework.

It is a trust framework that is enforced by its own rules.



technical enforcement due to the use of unique GUIDs. Credential holders are encouraged to have unique display names available at the online service level. CSPs and CMAs are permitted to maintain information about a User on multiple venues in order to support the use of federated credentials and consent.

a legally enforceable

set of specifications, rules, and agreements

that governs an identity system

The Value of Trust Frameworks

Functionality/Interoperability

Internet/Scalability

Openness/Transparency

Opportunity Cost /Time-to-Market

1. General Commercial Law

2. General Identity Management Law

Trust Framework 1

Identity System 1

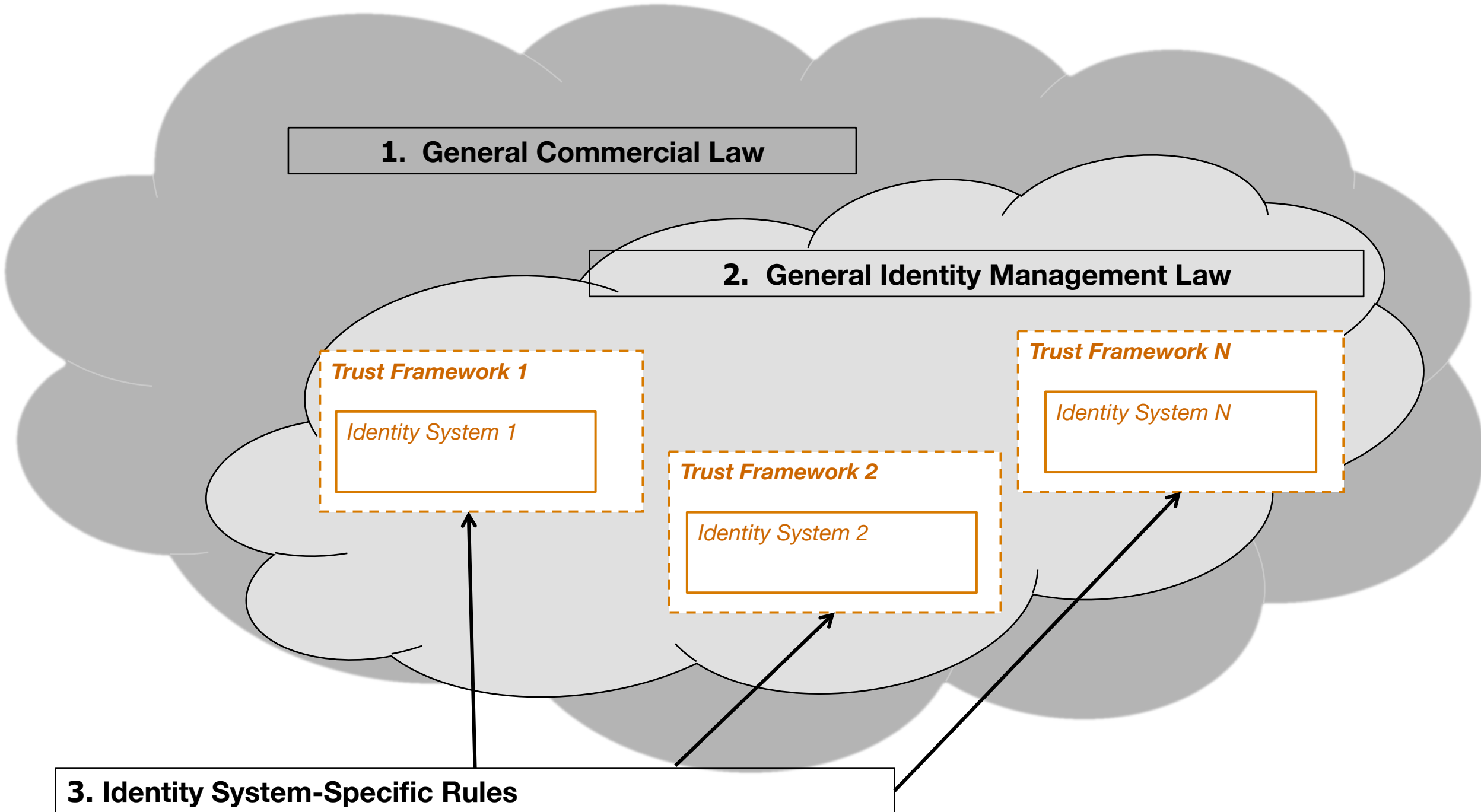
Trust Framework 2

Identity System 2

Trust Framework N

Identity System N

3. Identity System-Specific Rules



Managing and Mapping Liability

Identity Provider

- What is my liability if I make an incorrect identification?
- What is my liability if I misuse personal data?

Relying Party

- What is my liability if I rely on a false credential?
- What is my liability if I misuse personal data?

User / Data subject

- What is my liability if someone else uses my credential?
- What happens if someone misuses my personal data?

How is Liability Addressed?

Default is that liability rules come from existing General Commercial Law

Three problems with that approach:

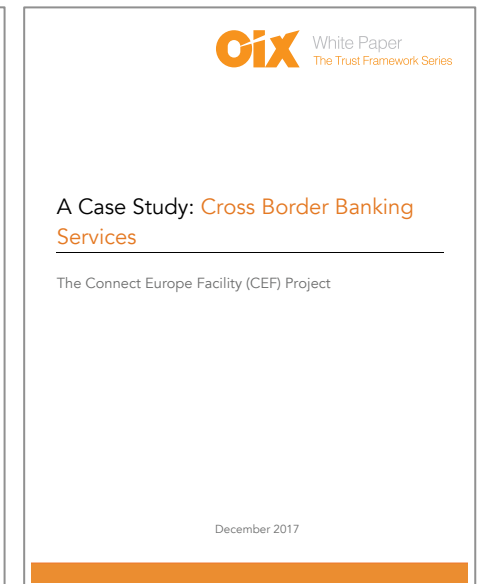
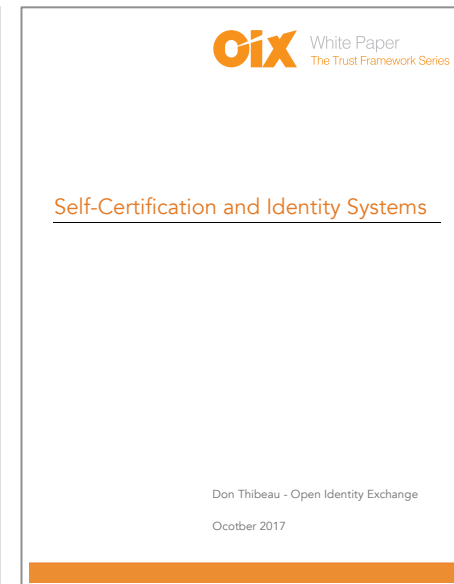
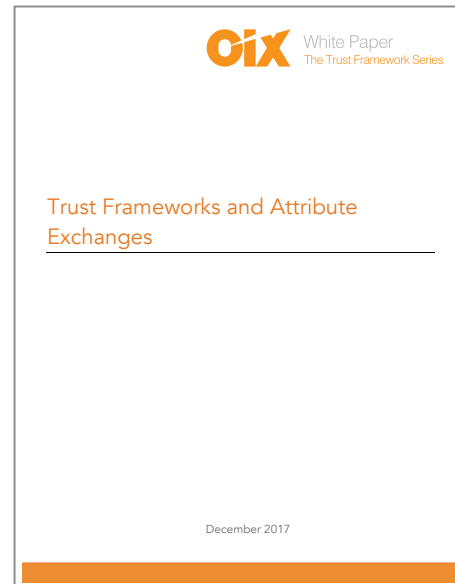
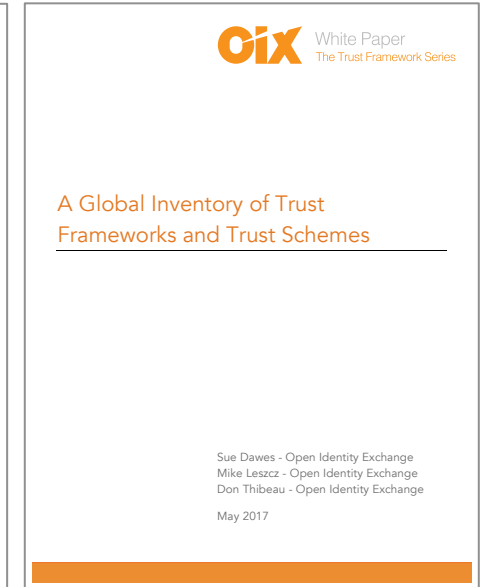
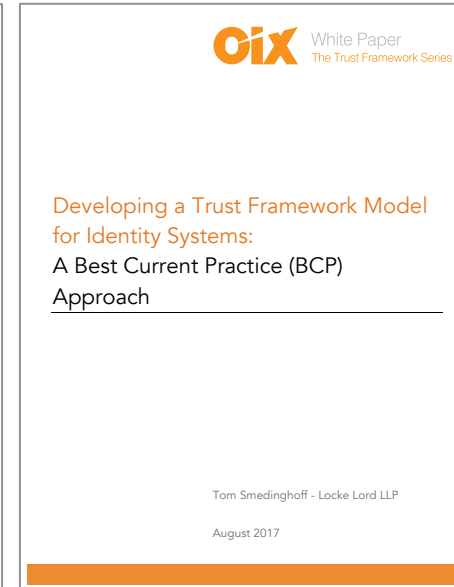
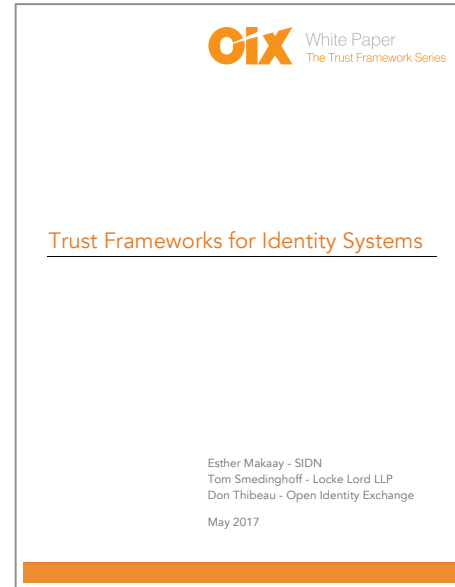
- 1 Existing law is not written to address identity systems, so the answers may be vague and uncertain – no predictable rules
- 2 Many of the potential liability situations that could occur in an identity context may simply not be anticipated or addressed by existing law
- 3 If liability is addressed, we may not like the answers we get from existing law

Solution is to use the trust framework

- ✓ Tailored for a specific identity system
- ✓ Can set liability rules appropriate for the identity system, its goals, and its participants
- ✓ Parties agree to liability rules by contract
- ✓ Can alter rules under existing law (except where expressly prohibited)

OIX Trust Framework Series

- ✓ What is a trust framework?
- ✓ How is a trust framework structured?
- ✓ How is liability addressed in trust frameworks?
- ✓ Trust framework use-cases





What is the IATA One Identity Program?

Transforming the Passenger Journey



Addressing the passenger experience from an end-to-end perspective across all processes, from shopping for travel, to the airport experience, to arriving at the destination, with a special focus on transformation.

One Identity Program – Seamless & Hassle Free

The vision is to achieve a transformed door-to-door experience that moves from fragmented steps to one harmonized and integrated process, allowing the passenger to walk seamlessly throughout the airport, without breaking stride



What's Next for IATA & OIX?



OIX White Paper that addresses the

- ✓ Business
- ✓ Legal
- ✓ Technical

elements of the IATA/IAG trust framework

Open Identity Exchange

The Open Identity Exchange is a global non-profit, technology agnostic, cross-sector membership organization with the purpose of accelerating the adoption of identity services

Collaborate

- Members advance their market position through jointly funded research and pilot projects to test real world digital identity use cases

Results

- Research and pilots test business, legal an/or technical concepts with the results published via OIX white papers and shared publically at OIX Workshops.

Leadership

- Industry sustaining leadership by Barclays, CA Technologies, UK Cabinet Office, Experian, Google, HSBC, IAG, LexisNexis, Microsoft, Ping Identity, Symantec, Timpson, Verizon and more...

OIX Leadership



*Join and help shape the
markets you intend to
lead.*

OpenID Foundation Leadership



Don Thibeau

Chairman | Open Identity Exchange
Executive Director | OpenID Foundation
don@oidf.org
Skype: donthibeau
Twitter: @4thibeau

