



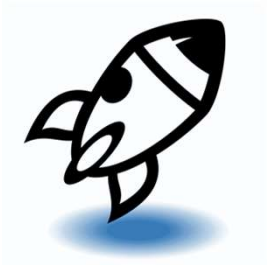
GAIN:

The Global Assured Identity Network

*"A Call to Arms" Interoperability
Between Global Identity Networks*

- Nick Mothershaw, Chief Strategist Open Identity Exchange
- Gail Hodges, Executive Director, OpenID Foundation

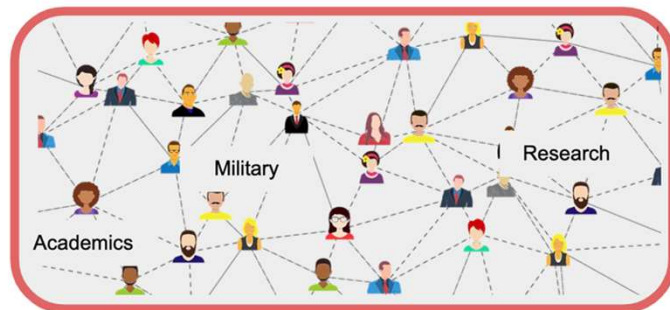
What kind of person are you? What kind of organization are you in?



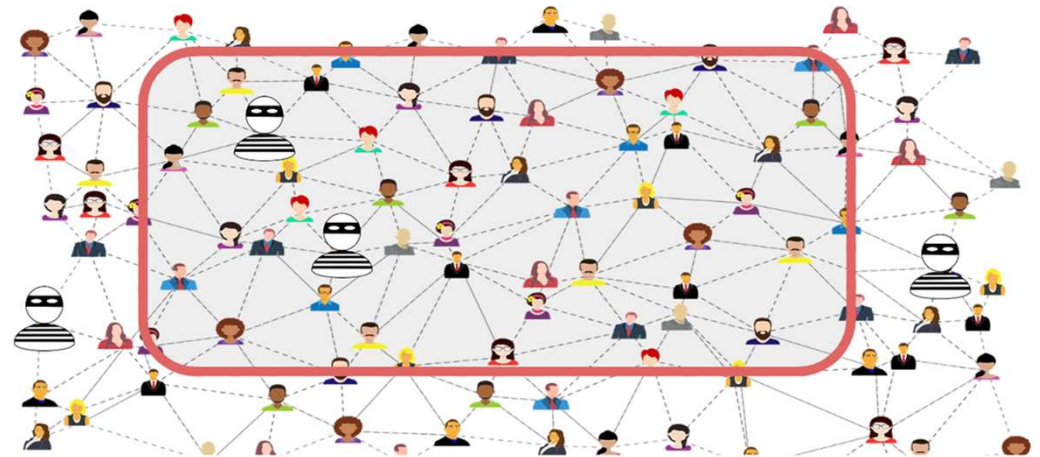
When faced with an intractable problem, what do you do?

Trust was lost as the internet opened up

**In the beginning, there was trust
on the internet**



**But as it opened up,
trust was lost.**



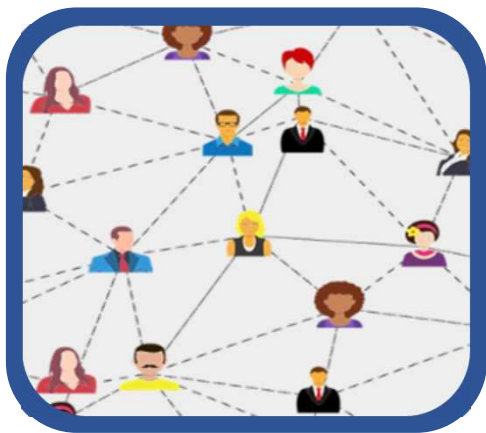
Source: "Join GAIN to re-GAIN Trust," Gottfried Leibbrant and Nat Sakimura, September 2021 EIC Conference.

This loss of trust harms people at scale, globally



Weaponized Anonymity for Some...

- Financial Crime is up to 5% of GDP (2Tn USD)
- Misinformation

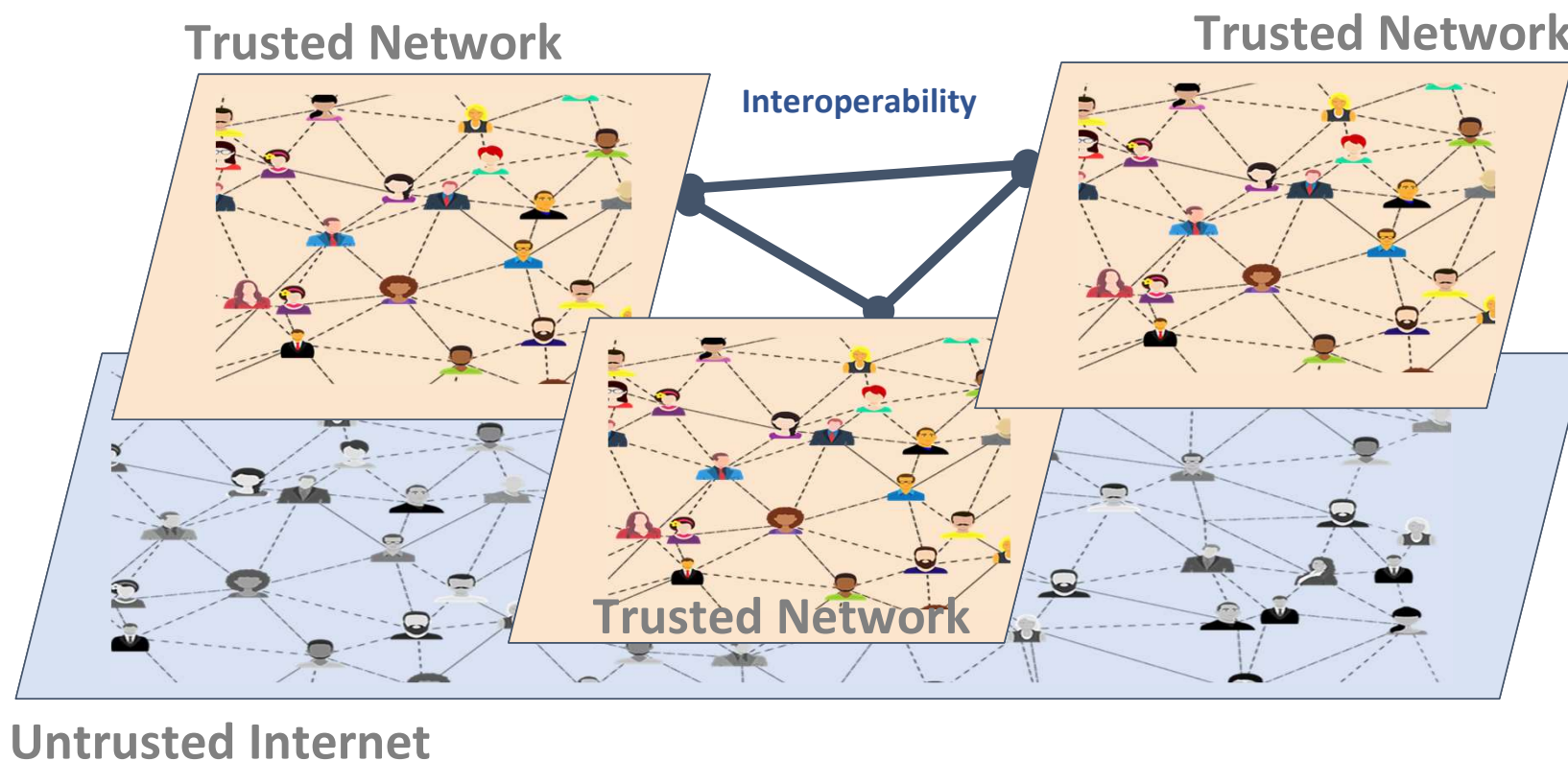


... Lack of Control for the Rest

- Pervasive Tracking
- Identity Theft

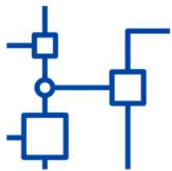
Source: “Join GAIN to re-GAIN Trust,” Gottfried Leibbrant and Nat Sakimura, September 2021 EIC Conference.

The “Global Assured Identity Network” emerged as a shared vision

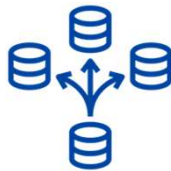


Source: “Join GAIN to re-GAIN Trust,” Gottfried Leibbrand and Nat Sakimura, September 2021 EIC Conference.

GAIN whitepaper announced 2021 at EIC



**Global
Interoperability**



**Technology
Agnostic**

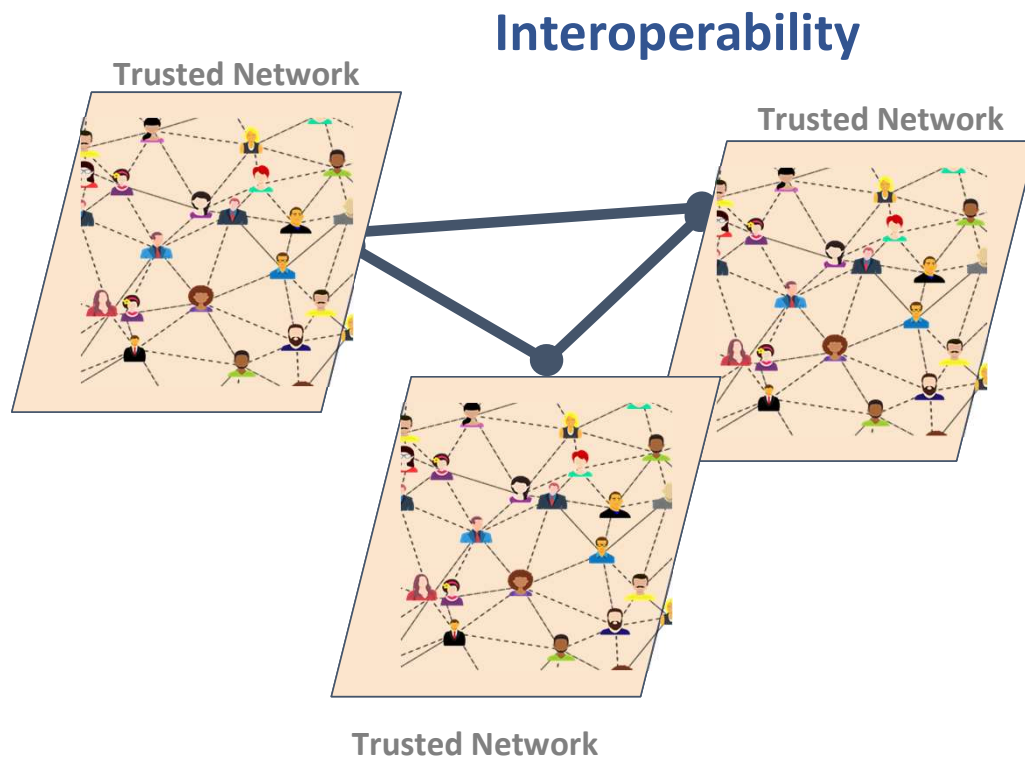


**Open
Standards**



**Internet
Scale**

How to deliver the Global Assured Identity Network



1. Prove it is technically viable
2. Prove governance is viable
3. Prove goodwill

Progress since the GAIN announcement



Listening Sessions

- FIDO Plenary
- OIX Workshop
- OIDF Virtual Workshop
- OIDF Workshops @ IIW, EIC



Standards Development

- “Connective Tissue”
 - OIDC for Identity Assurance standard
- “Technology agnostic”
 - Open ID for VCs
 - ISO 18013-5 mDL
 - W3C VCs
- “Entity Identifiers”
 - GLEIF’s LEI & vLEI



Proof of Concept & Governance

- Alpha POC
- Community group POC
- Interoperability working Group
- Global Interoperability Framework

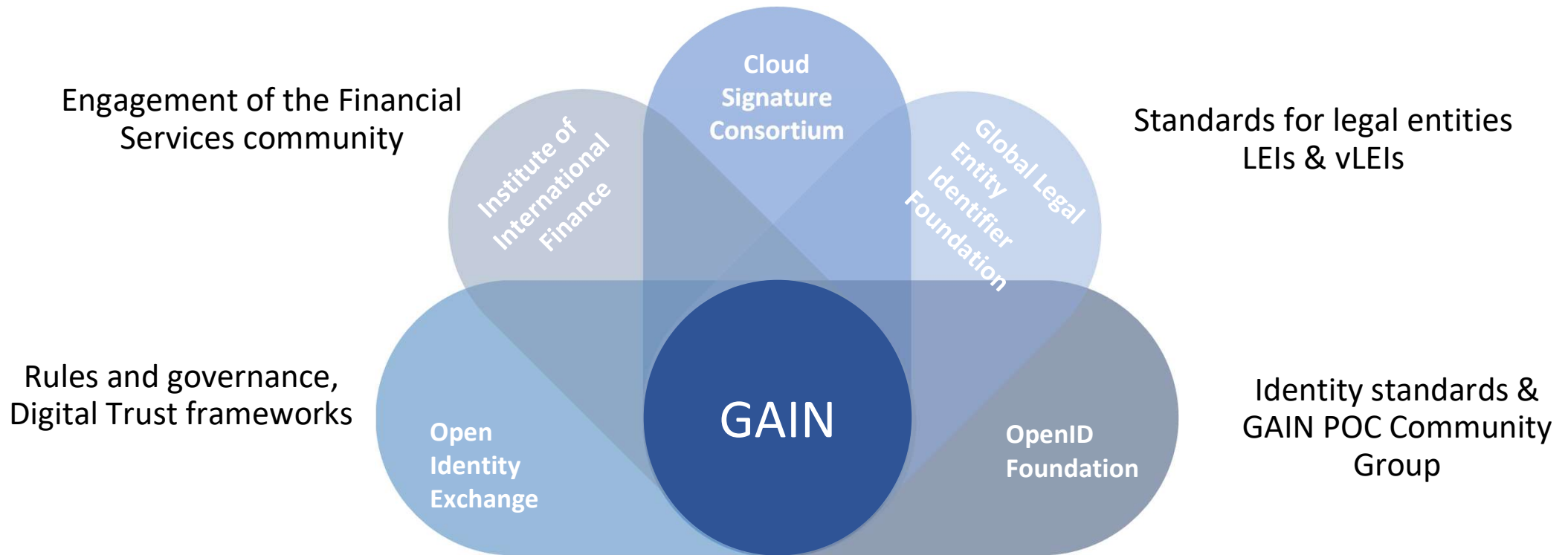


Non-Profit Alignment

- GAIN MOU between non-profits

Boards of 5 Leading Non-Profits Signed GAIN MOU

Standards for electronic signatures



We invite other non-profits to join the MOU

The “Connective Tissue” to enable Networks & Networks

1

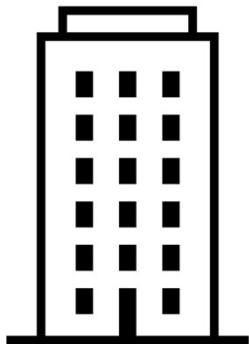
Individual consent to release from trusted entity

2

Generate signed claim object

3

Send via secure, interoperable protocol to a known entity



Claims:
Alice Mirror
DOB: Jan 1 1970

OpenID[®]
for IDA



Verified by whom (LEI)
Verified How
Verified When
Evidence Used

OpenID Connect
Financial-Grade API

Verifiable Credentials



(LEI)

OpenID

(Source) Based on: “GAIN Listening Tour” GAIN Co-Chairs,
<https://openid.net/gainpoc/>.

OIDC for Identity Assurance, 3rd Implementor's Draft:
<https://openid.net/wg/ekyc-ida/>

GAIN POC Proved its Technically Viable

POC Goals

Participants know how to implement in a live environment.

Participants want to take it to the next level.

5

Hypotheses

GAIN can be built on existing networks



Cross jurisdiction interoperability



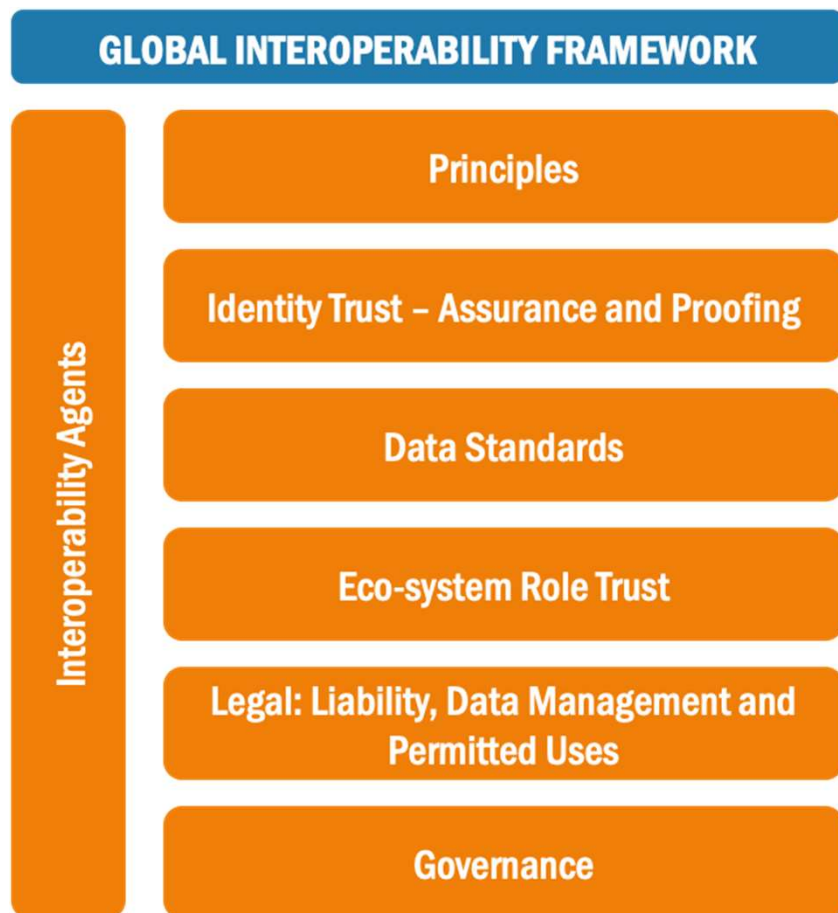
Different architectures



Variety of APIs

Relying Party access

Prove Governance is Viable: Global Interoperability Framework



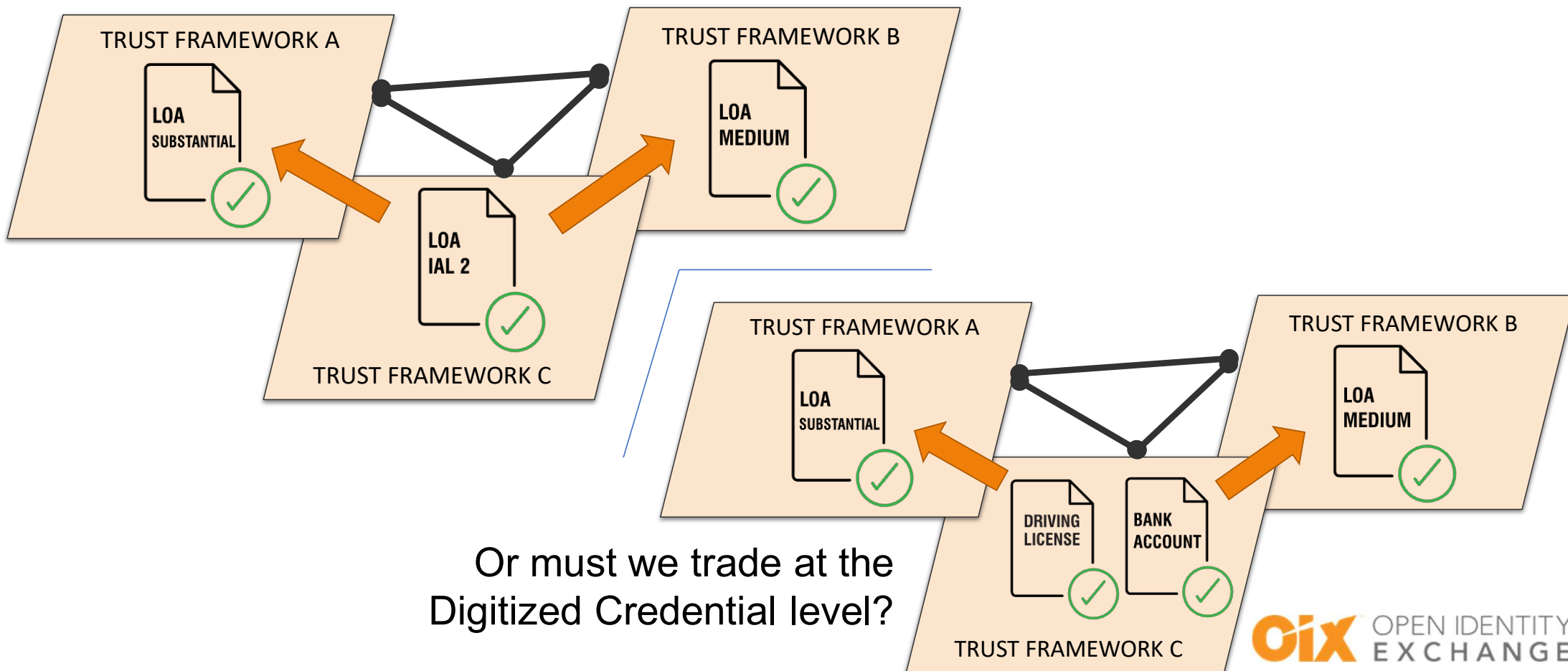
Trust Frameworks are either:

Government
Led

Private Sector
Led

Prove Governance is Viable: Global Interoperability Framework

Are Levels of Assurance the “Currency of Identity”?



Prove Governance is Viable: Who will GAIN enable to achieve interoperability?

Identity Providers from:

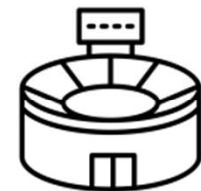
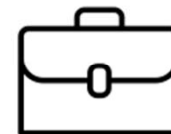
Government Trust Frameworks

Private Sector Trust Frameworks

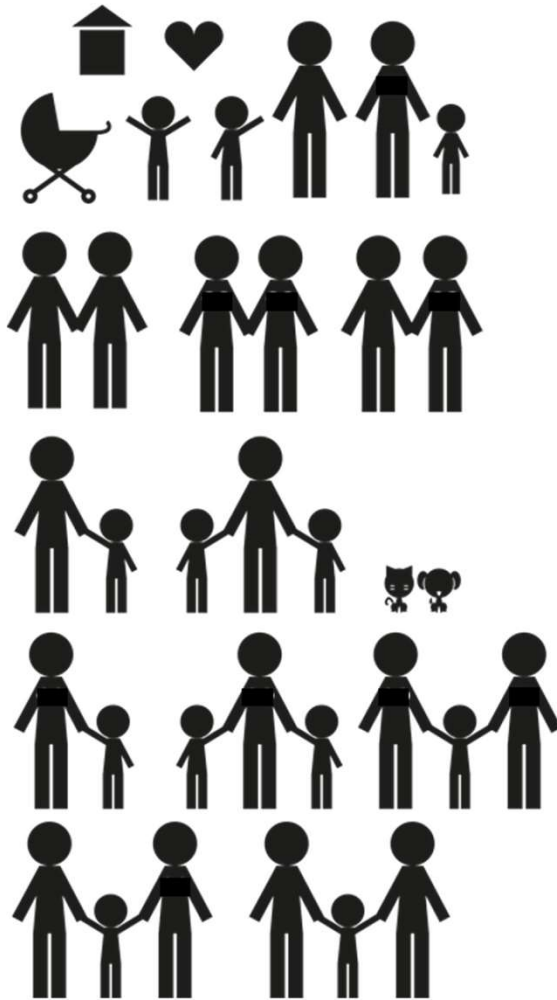
Bank ID Schemes

Independent ID Providers

Relying Parties from any Sector:



Who is GAIN really for?



You

Your family

Your grandparents

Your neighbor

Your business

Your employer

Your government

Your admin privileges, your IoT devices, your
metaverse avatar...

Not your dog and cat (yet)

Prove Goodwill: What kind of person are you?



YES!

"Early Adopters"



MAYBE

"Prove it is Relevant Now"



NO

"The Naysayers"



Learn more: gainforum.org oidf.org/gainpoc openidentityexchange.org

@EIC: Track this afternoon in B05 & Keynote panel tomorrow