

Digital Identity as the Backbone

Modern Financial Systems: Navigating eKYC, Open Finance, and Global Standards

EXPERT SPEAKERS



Gail Hodges

Executive Director
OpenID Foundation



Dima Postnikov

Vice-Chairman
OpenID Foundation

OpenID Foundation



Standards



FAPI security profile for Open Data

OpenID 4 Verifiable Credentials



Conformance

..



Community

..

Global footprint – Open Data with FAPI

Ecosystems

Due diligence



Selected



Live



Cross border interoperability



Global footprint – OpenID for Verifiable Credentials

Selected



Live



Trend 1 – Best practices from experience

Practices

- Standards
 - Formally proofed
 - Profiles
- Reference architectures and blueprints
- Conformance
- Interop events
- Don't do it alone

Outcomes

- Lower **cost**
- Quicker Implementation **timeline**
- Better **security**
- Better **Interoperability**
- No vendor **lock-in**
- **Future proofing**

Why reference architectures are important?

Example from verifiable credentials ecosystems

Layer / Function	Standards / Choices Available					
Issuance Protocol	OpenID4VCI	ISO 23220-3	DIDComm	...	...	...
Credential Formats	W3C VCDM	SD-JWT-VC	ISO mDoc	AnonCreds	...	...
Presentation Flow	OpenID4VP	DIDComm	mDoc	QR		
Invocation	W3C DC API	QR Code	Deep Link	CHAPI	NFC (mDoc)	...
Transport	BLE (mDoc)	NFC (CTAP)	Camera(QR)	HTTP	BLE (OpenID4VP)	
Trust Framework	X.509 / Trust Lists	OIDF Federation	vLEI	DID	...	...
Status	IETF Status List		W3C Bitstring Status List		...	...

Why reference architectures are important?

Layer / Function	Standards / Choices Available					
Issuance Protocol	OpenID4VCI	ISO 23220-3	DIDComm	...	...	...
Credential Formats	W3C VCDM	SD-JWT-VC	ISO mDoc	AnonCreds	...	...
Presentation Flow	OpenID4VP	DIDComm	mDoc	QR		
Invocation	W3C DC API	QR Code	Deep Link	CHAPI	NFC (mDoc)	...
Transport	BLE (mDoc)	NFC (CTAP)	Camera(QR)	HTTP	BLE (OpenID4VP)	
Trust Framework	X.509 / Trust Lists	OIDF Federation	vLEI	DID	...	...
Credentials Status	IETF Status List		W3C Bitstring Status List		...	...

OIDF HAIP Profile

Trusted by the EU and their 27 member states – European Union Digital Identity (EUDI), 6 western Balkans following EU. Other govts similar (India, US, UK, Swiss).

Additional benefits of standards and best practices

Future proofing cybersecurity



AI Threat Mitigation: Foil bad actors by embracing proven best practices in authentication and authorisation.



Turn the AI threat into business enabler: Existing and new standards attempting to close the gaps like delegated authorisation, and unlock value of multi-party trust use cases

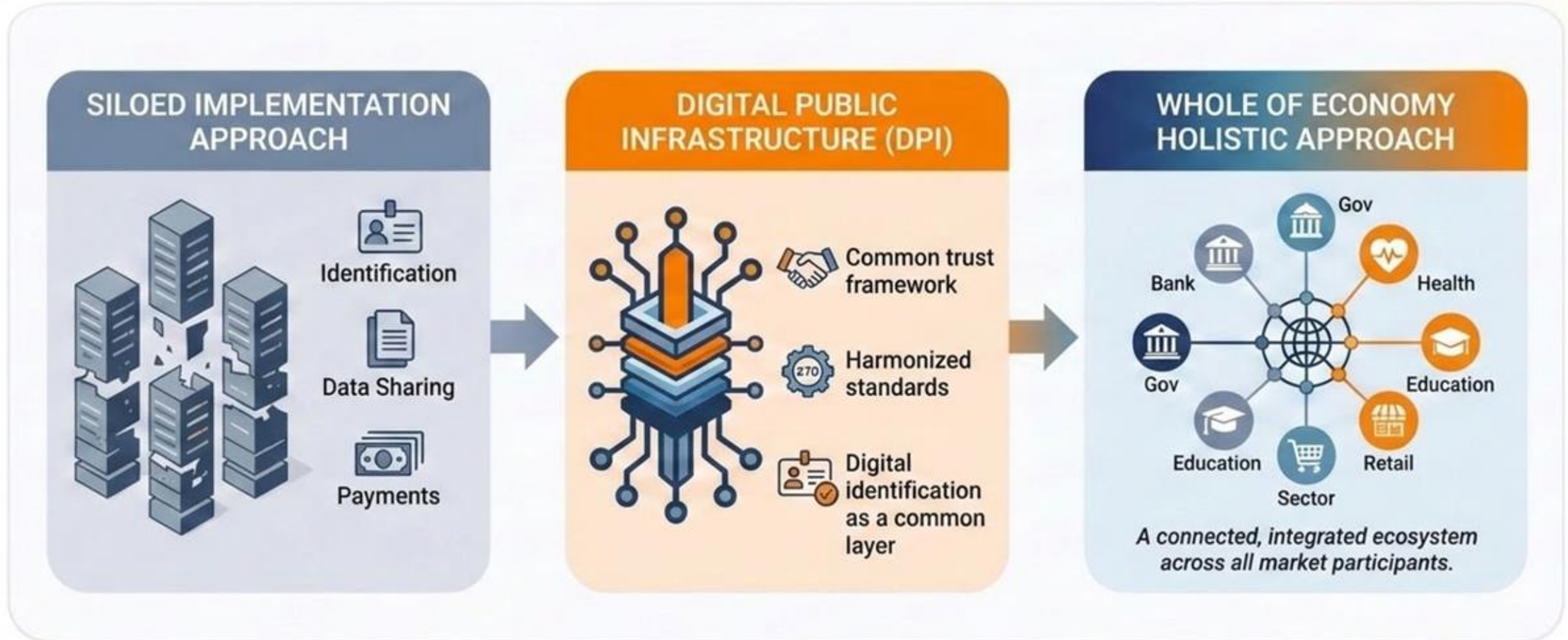


PQC Readiness: Post-Quantum maintenance starts now for future resiliency.

What role OIDF is playing?

- Safe space
- Specifications
- Conformance and interop testing

Trend 2 - Siloes -> DPI -> Ecosystems



Trend 2 – Ecosystems approach

- Consider all identities: humans, organisations, systems.
- Target the whole of the economy (identity, data, payments; across banking, government, education, health, and other sectors).
- Establish a common trust framework.
- Evolve technology and policy together.
- Define ideal roles for each participant.
- Acknowledge all participants' needs and responsibilities.
- Ensure availability of vendor support, SDKs, and developer tools.

Trend 2 - Ecosystems approach your dials

Public vs Private



Mandated vs
Market driven

Cultural



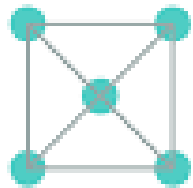
Cross border
requirements

Devices and
networks

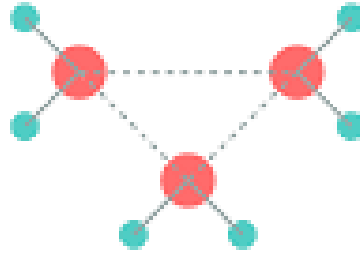


Open source vs
vendor vs custom

Trend 3 - Federated vs Decentralised



Decentralized



Federated

Reality check

- Existing systems that work well
- Different privacy requirements for different use cases
- Right tools for the job

Why not both?!

Any Questions?

***“If you are making these decisions in your market,
join the conversation and help shape the
playbook, not just the procurement.”***

Standards. Conformance. Interoperability.

openid.net | director@oidf.org