

Identity Vetting and Identity Access Management in E-Commerce

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Agenda

Intro

01

Use Cases

02

Current State

03

Future State

04

Unsolved Problems

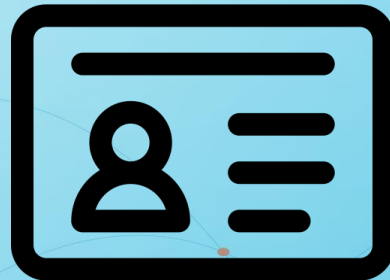
05

In Person Identity Vetting

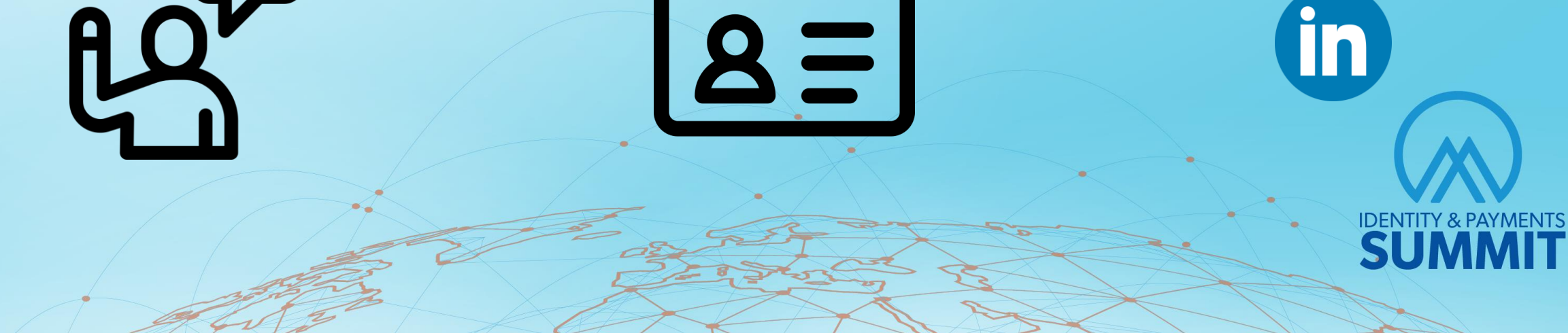




How do you know it's me, Paul?

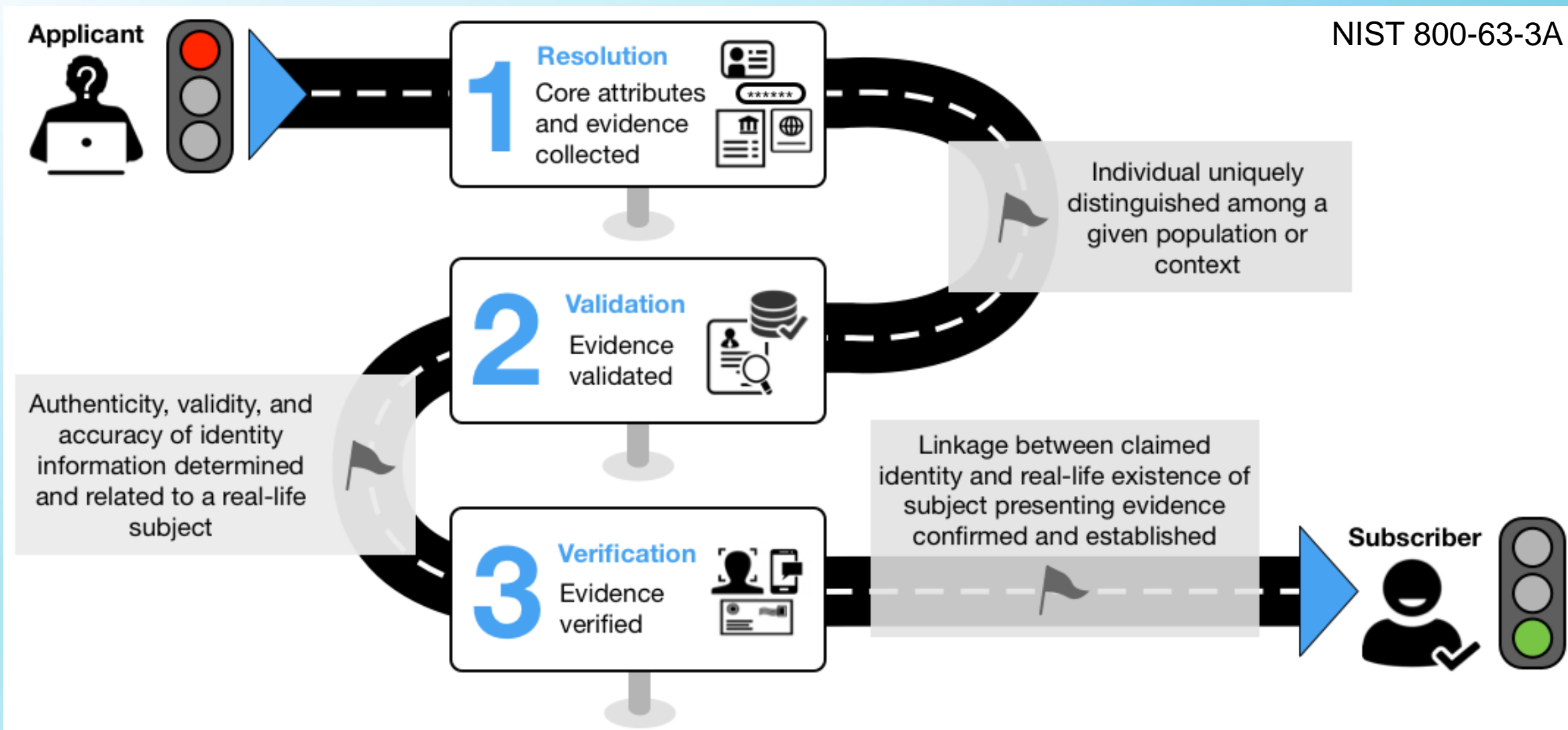


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Level Setting

NIST 800-63-3A

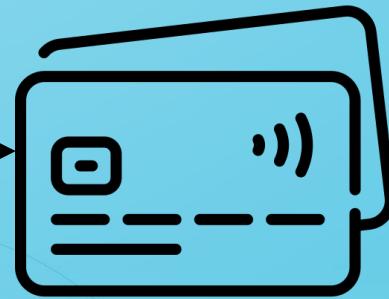
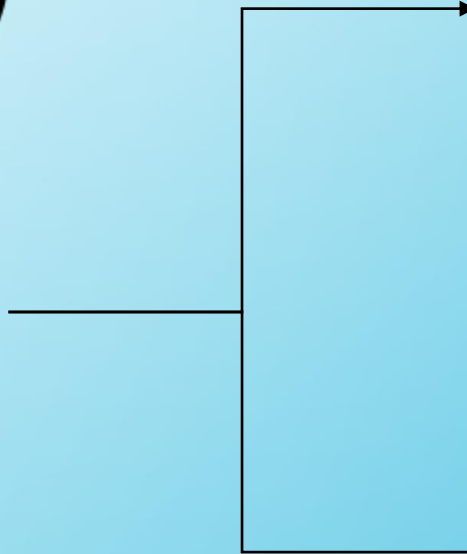


Use Cases



Current State







Vulnerable to scalable attacks

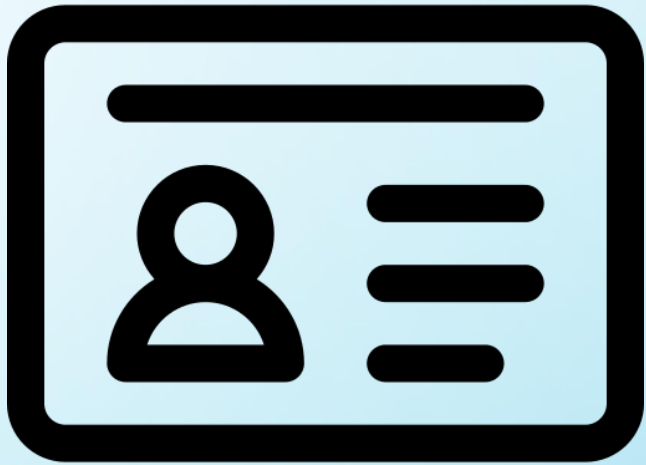




Vulnerable to scalable attacks



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~Vulnerable to scalable attacks.

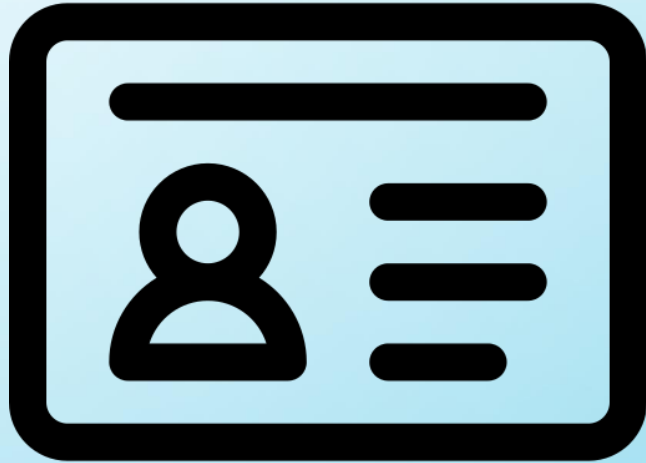
Thanks to AI/ML, not so sophisticated or costly either.



Future State



Identity Vetting



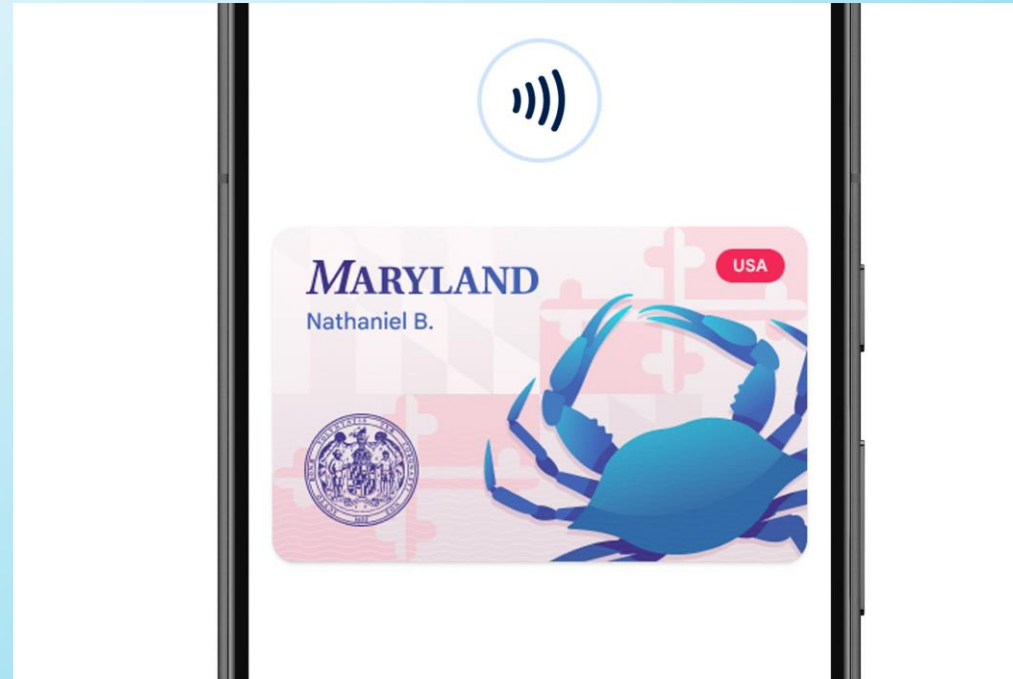
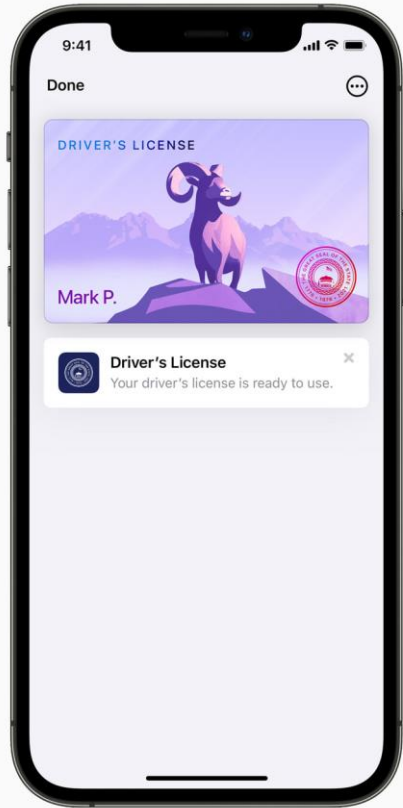
Digital Identity



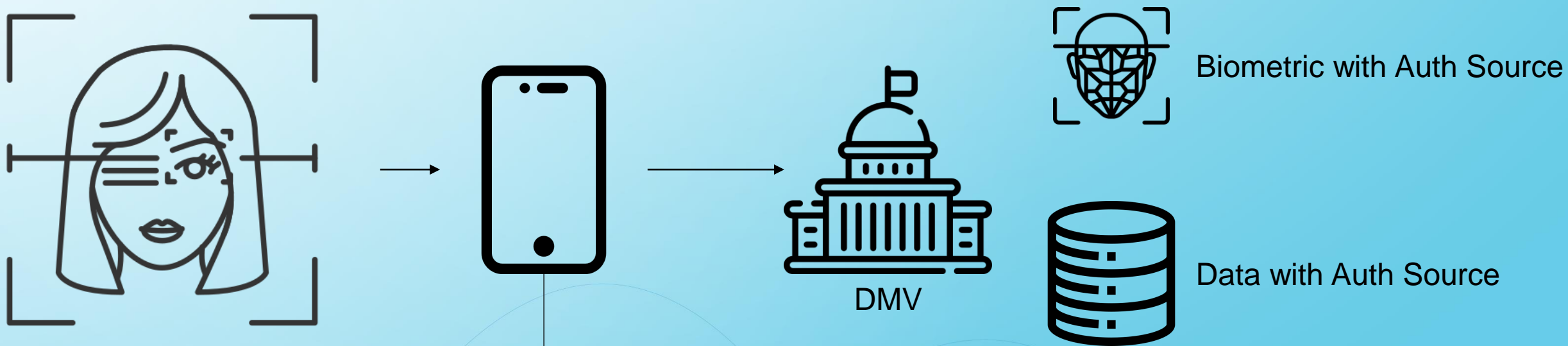
Digital Identity



Mobile Driver's License (mDL)

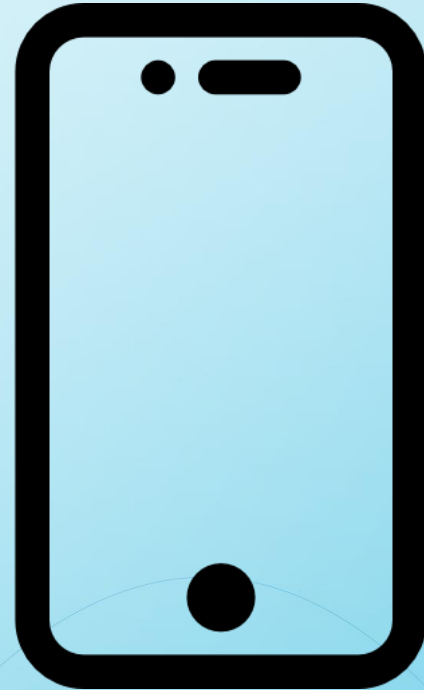


Security Benefits of mDL



Can't use mDL unless it's yours

Mobile



Orchestration



AI/ML Engine to determine best path for individual

Multi-vendor/solution approach to maximize throughput and minimize errors/bias/failures



Certification May Be Required



fido[™]
ALLIANCE

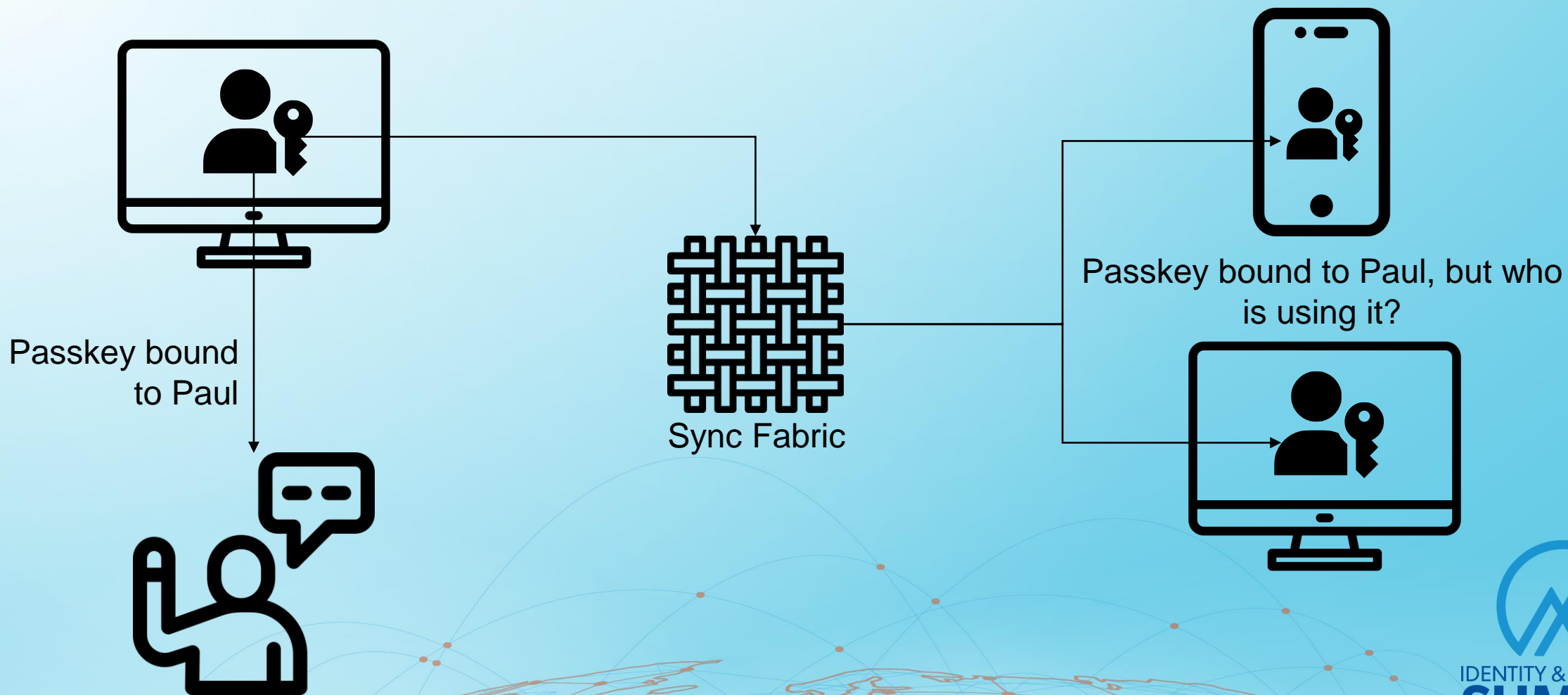
... others?



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A Problem

Binding (or lack thereof)



(This is not a new problem, e.g. password sharing, yet exaggerated with new tech like passkeys)

Takeaways

Remote ID Vetting is Hard

01

Better Solutions Are Coming...

02

...But Existing Must Remain

03

Old and New Problems Arise...

04

...Requiring Innovation to Solve

05

