



Discovery Session: The Road to Expanding Consumer Access to Digital Credentials and the Implications for the IIS Community

March 24, 2025
4 PM ET



Today's Presenter

- **Caprice Edwards, MS**, Director of Strategy, National Association for Public Health Statistics and Information Systems (NAPHSIS)
- **Jeff Duncan, PhD**, State Registrar, Michigan Division of Vital Records and Health Statistics
- **Kellie Broxton**, Market Planning Consultant, VitalChek





National Association for Public Health Statistics and Information Systems

March 24, 2025

Outline



About NAPHSIS



Systems at NAPHSIS



Strategic Plan



Digital Issuance Steering Committee



About NAPHSIS

National Association for Vital Records Professionals

- National nonprofit organization representing the state and local vital records and public health statistics offices in the United States.
- Formed in 1933 to provide a forum for the study, discussion, and solution of problems in the vital records jurisdictions of the United States and US Territories.
- Provides leadership for both vital records and related information systems in order to establish and protect individual identity and improve population health.

Vision

A healthier and more secure world through vital records

Mission

To serve the vital records community by providing national leadership to advance public health and protect individual identity

“

**When you've seen one vital
records office... you've seen
one vital records office.**

”



Systems at NAPHSIS

NAPHSIS Systems

- 1. Online Verification System (OVS) [1999]**
 - Social Security Number (SSN) verification tool
- 2. Electronic Verification of Vital Events (EVVE) [2011]**
 - Single query system to verify or certify known vital event data
 - i. **EVVE Fact of Death (EVVE FOD or FOD) [2017]**
 - Broadcast query system to locate previously unknown decedents
- 3. State and Territorial Exchange of Vital Events (STEVE) [2016]**
 - Vital records data exchange platform
- 4. State Marriage Data Exchange System (SMDES) [2021]**
 - Marriage certificate verification tool



Strategic Plan

2024-2026 Strategic Plan



Technology & Modernization

Lead efforts modernizing vital records management and data sharing.



Member Engagement

Support the enhancement of the vital records workforce by providing professional development, education and training.



Digital Identity

Advance activities and methodology to expand access to vital records for digital identity management, data security and privacy.



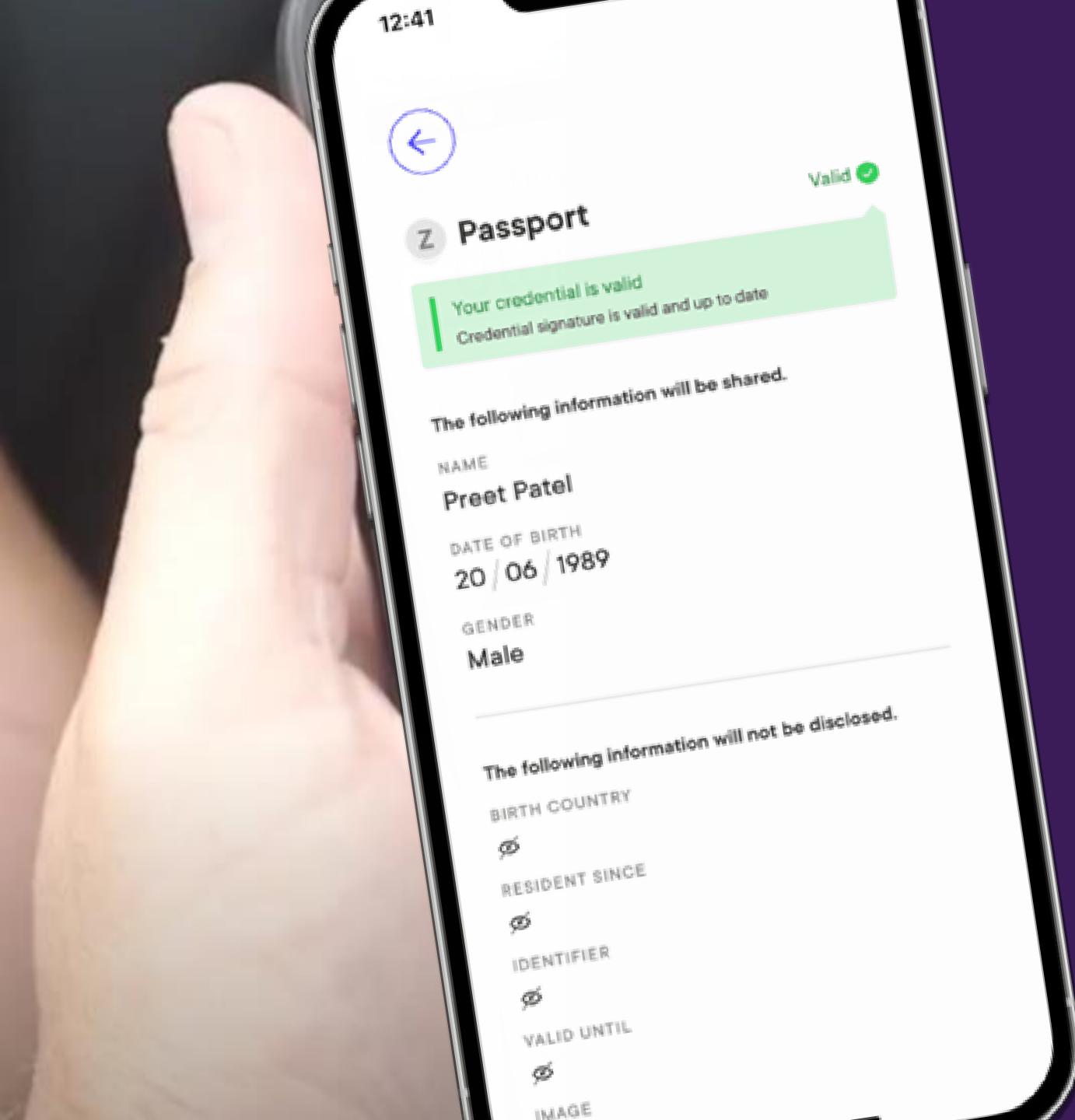
Advocacy

Advocate for vital records at the national level.



Naphsis Organizational Capacity

Ensure long-term success and organizational effectiveness through capacity building.



Digital Issuance Steering Committee

Member driven initiative launched late 2024

Digital Issuance Initiative

- Members will drive this initiative towards a robust unified recommendation for the NAPHSIS Board of Directors' consideration
- Recommendations may include:
 - Standards development
 - Model Law revisions
 - Technical tools
 - Communications toolkits
 - Stakeholder engagement

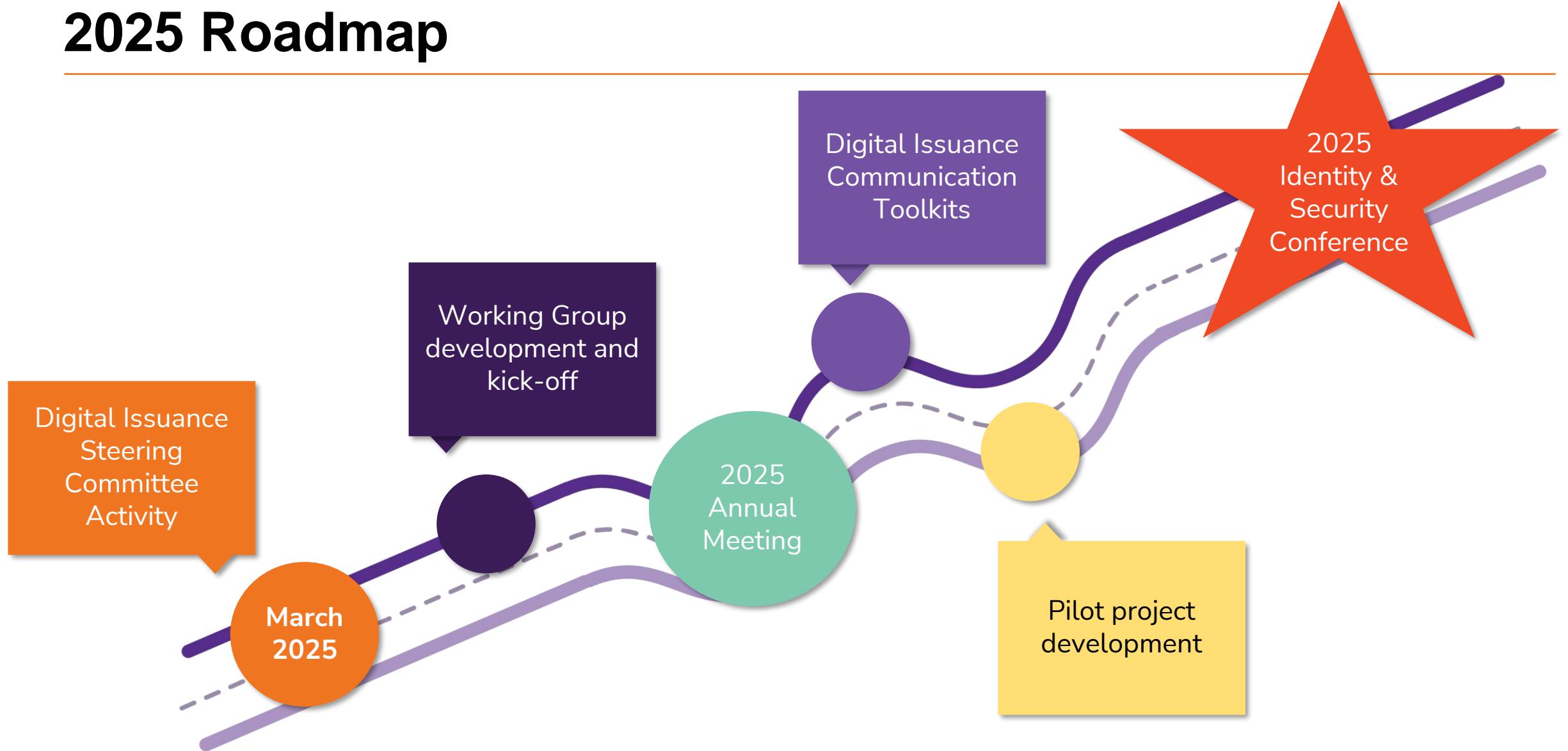
Early Stages of Progress

- Developed a SWOT analysis.
- Established goals and guiding principles to frame Steering Committee work.
- Brainstormed thorough list of use cases and determined forming a workgroup is needed to build them out further.

Early Stages of Progress

- Began identifying key goals for NAPHSIS Annual Meeting Digital Issuance session and the overall Identity & Security conference.
- Outlined questions the members will need to answer to move forward, as well as key aspects of a digital solution that will need to be included in recommendations.
 - If we build this, who will come?
 - No one is asking us to build this, so why should we?

2025 Roadmap



What's Next?

- Member engagements for input
 - Workgroups launching
 - Upcoming Annual Meeting Session
 - December Identity and Security Conference
- Stakeholder Outreach
 - Acceptance Use Case Development
 - Standards Development
 - National Pilots



Thank you!

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The Road to Expanding Consumer Access to Digital Credentials

And the Implications to the IIS Community

March 24, 2025



Rapidly Evolving Credentials



1990



Together they are partner credentials

- Both start at birth
- Both have evolved from paper records to electronic registries



Birth certificates
are the foundation
of identity

2025



Immunization records
are the foundation of
health history

Evolution | Modernizing for the Digital Future

System Modernization

Bringing legacy systems with various levels of age and technology into the modern era

- ✓ Infrastructure improvements
- ✓ Expanded data sharing
- ✓ Consistent data definitions
- ✓ Real-Time FHIR APIs
- ✓ Improved timeliness and accuracy



Digital Credentials

Electronic, consumer-managed, proofs-of-identity that are authorized by an issuer and can be trusted by verifiers or other relying parties

- ✓ Consumer-authorized
- ✓ Digital and Wallet-ready
- ✓ Authoritatively obtained and trustable
- ✓ APIs for B2B, G2G, and G2B transactions
- ✓ Cryptographically verified and tamper-evident



mDLs ISO created

2021



Credential Journeys

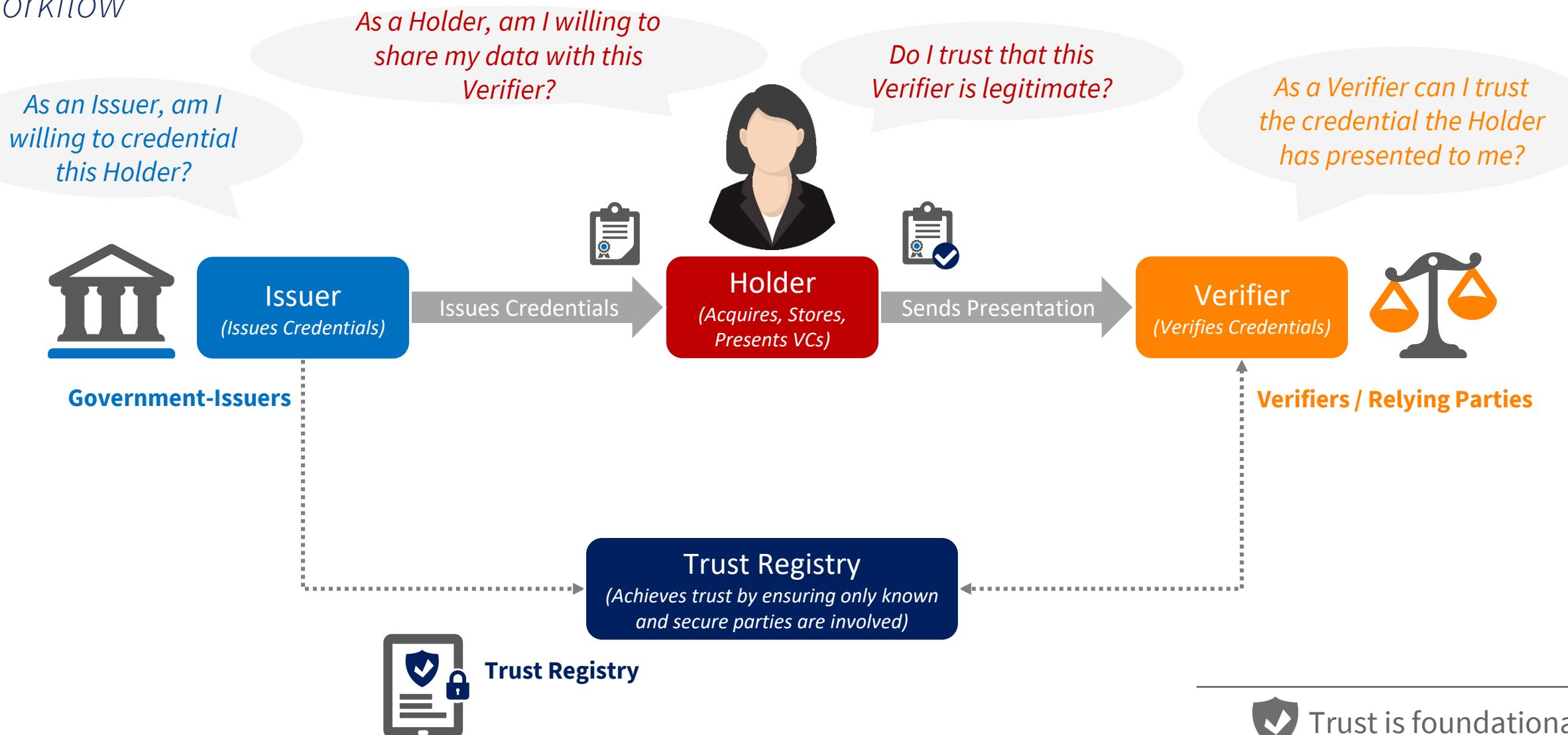


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AIRA

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Digital Credential Workflow



Education Use Case

Facilitate the digital exchange of birth certificates for kindergarten enrollment and school transfers.

*I decide...
where, when, how*



Holder
(Acquires, Stores, Presents VCs)



Issuer
(Issues Credentials)



Issues Credentials



Sends Presentation



Verifier
(Verifies Credentials)

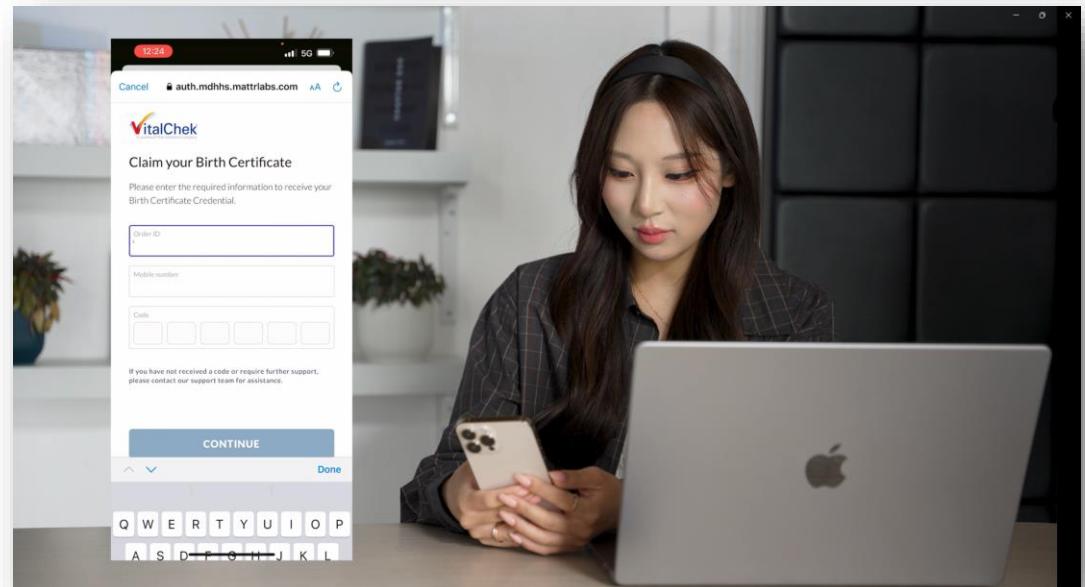
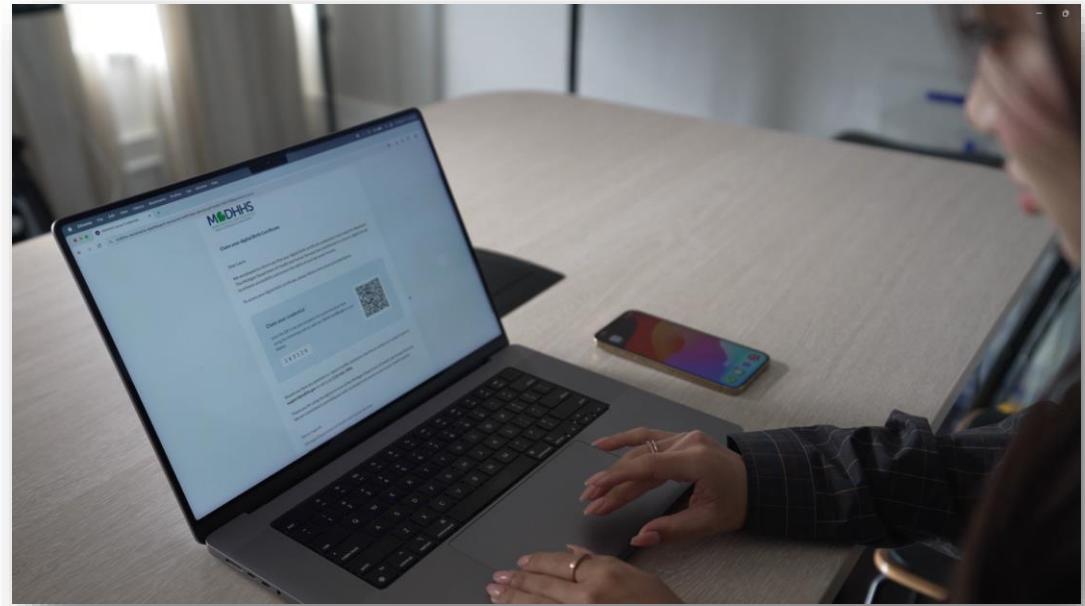
Issuer: MDHHS issuing a digital birth certificate for Emily (child) to Laura (her mother)

Holder: Laura Johnson enrolling her daughter Emily Johnson for kindergarten

Verifier / Relying Party: Gleely School via Montcliff Education school enrollment portal

VitalChek.com verifies Holder and facilitates the ordering and issuance of digital birth certificates to MI parents who are enrolling their children for education

Birth Credential Issuance Event



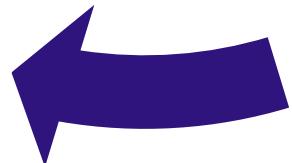
Education Verification Event

Verifier Obtains **Issuers**
Cryptographically
Verified Claims

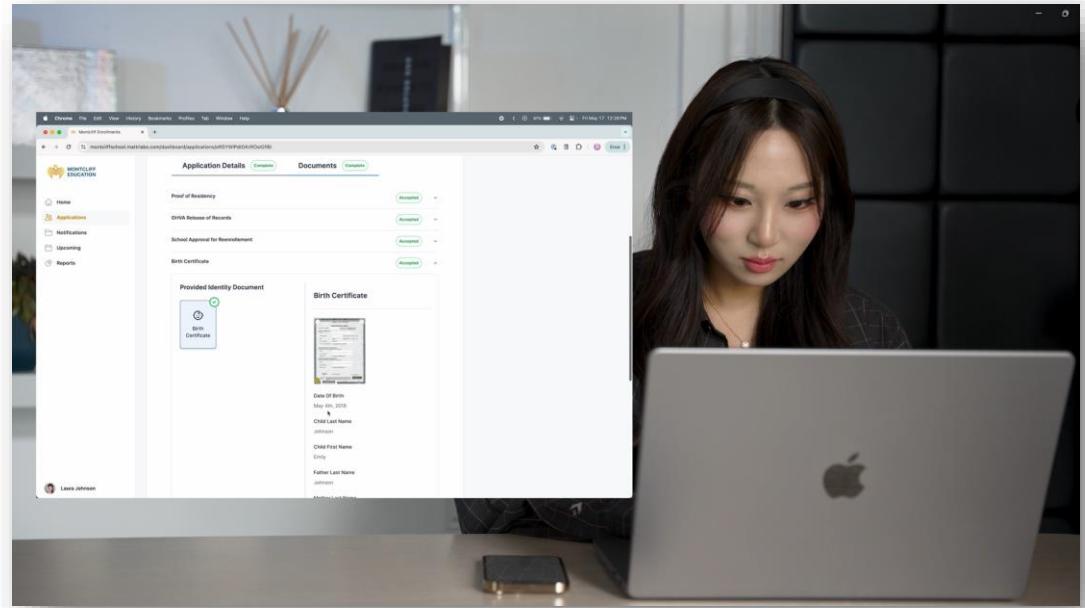
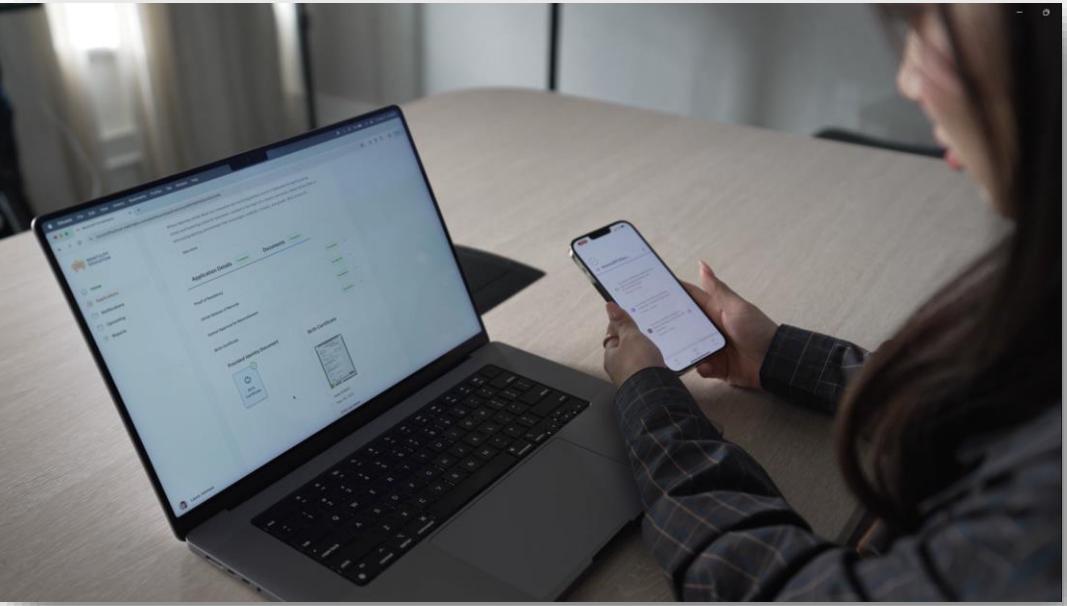
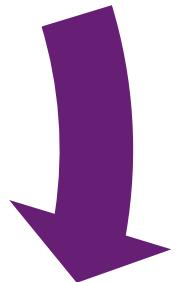


Verifier Requests Proof
of Age and Parentage

Holder Consents to
Release Information



Citizen Scans QR Code
from the **Verifier**
Application



Best Practice Framework for Digital Credentials

Establishing high assurance trust across digital interactions



Identity

Comprehensive assurance is vital



Claims

Issuance requires authoritative proof



Registry

Trust is foundational



Issuance

Interoperability fosters adoption



Verification

Security is paramount



Holding

User experience is seamless



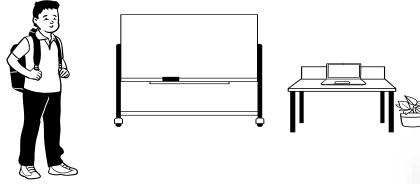
Management

Credential lifecycles are dynamic

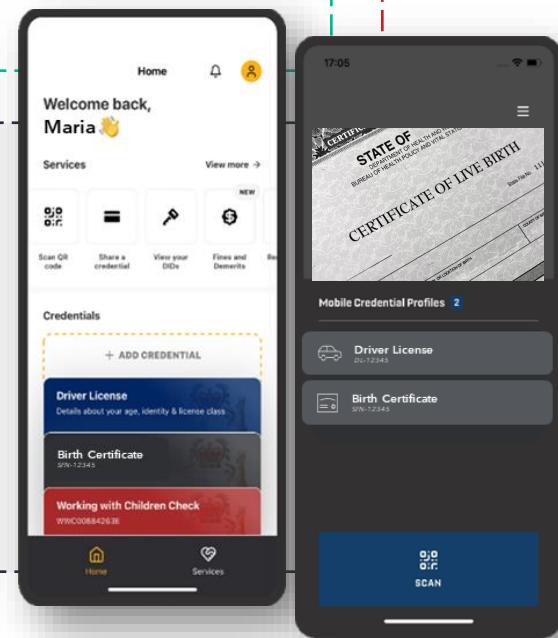
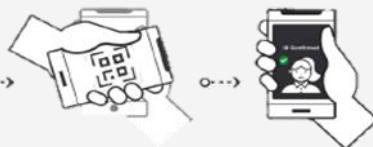
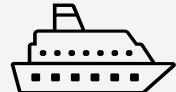
Use Cases

Providing secure birth certificate verifications for adults and minors

School/Sports



Travel



Access to Services & Benefits

Public Sector



Private Sector

- Child insurance
- Foster / Adoption Needs
- Homeless services
- Adult guardians
- Minor bank accounts

Lessons Learned... so far...



Different use cases
may require different
credential types



Make things
easy, but not
too easy



One person might
be entitled to many
birth certificates



Acceptance
starts with
trust

Food-for-Thought



- Start Networking
- Build a Team of Stakeholders
- Pick a Leader and Champion

Identify those who...

- Have proven experience
- Employ an iterative approach of what-works-best
- Have proven competency navigating key challenges

- Be patient; innovation takes time
- Ignore the naysayers; remain committed to your goal
- Challenge the status quo; use this tool to support your mission

Thank you!



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MI State Registrar / NAPHSIS

Jeff Duncan

Expertise developing solutions for vital record registrations and issuance systems, FHIR interoperability and death standards, and industry digital credential issuance.

Expertise in Vital Records and Health Statistics, including public health information systems, standards, and interoperability with healthcare and other public health agencies.

Thank you to our presenters,
and thanks to all of you for
joining us!

Please complete a brief evaluation survey.

The next Discovery Session
will be on **May 19, 2025**