

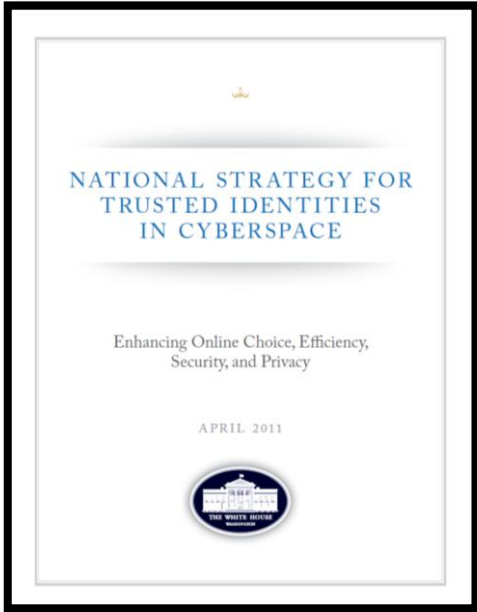
Digital Identities to Enable State Programs

PHIL LAM

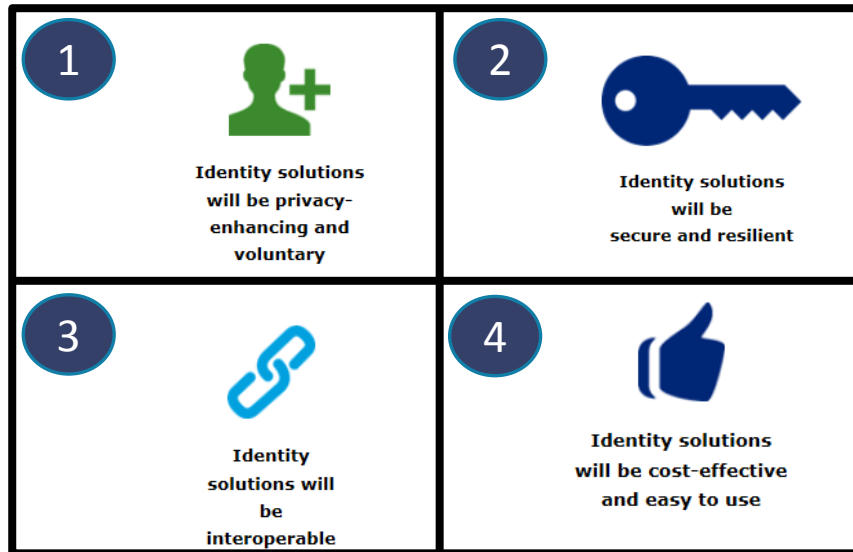
TRUSTED IDENTITY STRATEGIST, PILOT PROGRAM MANAGER
TRUSTED IDENTITIES GROUP, NIST



A little over five years ago...



An Identity Ecosystem...with 4 Guiding Principles



And today there are still benefits to be realized:

1. Economic Growth
2. Improved Security
3. Preservation of Privacy



And our pilots have made an impact

24	Pilots
14	MFA Solutions
5	Trust Frameworks
170+	Partners

26
states and D.C.

6.7+ million
individuals

State of Alabama and Georgia will enable taxpayers to create an Electronic identity (eID) that can protect their tax returns
(MorphoTrust)

More than 140 universities are deploying smartphone-based MFA
(Internet2)

A Broadridge/Pitney Bowes joint venture has launched targeting 140 million customers for secure digital delivery of financial services content, bill presentment and bill pay
(ID/Dataweb identity solution)

More than 300,000 kids have been authorized by parents – in compliance with COPPA – to access content at websites
(PRIVO)

More than 1M Veterans can access online services from more than 70 organizations without having to share documents containing sensitive PII to prove Veteran status
(ID.me)



Alabama and Georgia Income Tax Protection

State Income Tax Refund Fraud Prevention

Description:

Preventing state personal income tax theft in Georgia & Alabama

- ✓ No UN/PW
- ✓ Federated eID
- ✓ Trust of the DL online
- ✓ Secure a transaction to happen in the future

Overview

Enable Taxpayers to create an Electronic Identity (eID) that can protect their Taxes

Set up an AuthN alert when a tax return is filed.

Using OpenID Connect, bring the trust of authoritative identity sources into the commercial realm

Using Fido UAF and a Trust Framework, enable high trust consumer AuthN



Driver License based eID

an electronic ID (eID) carrying the same trust as a physical Driver License provides in person

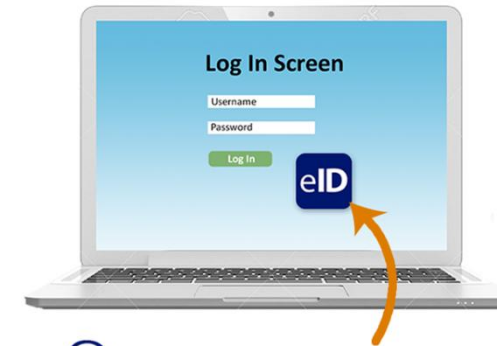
REGISTER



"Something I have" + "Something I am"

USE

- 1 Go to relying party login screen on computer



- 2 Click on eID button

- 3 Scan QR code to gain access on mobile phone



NIST

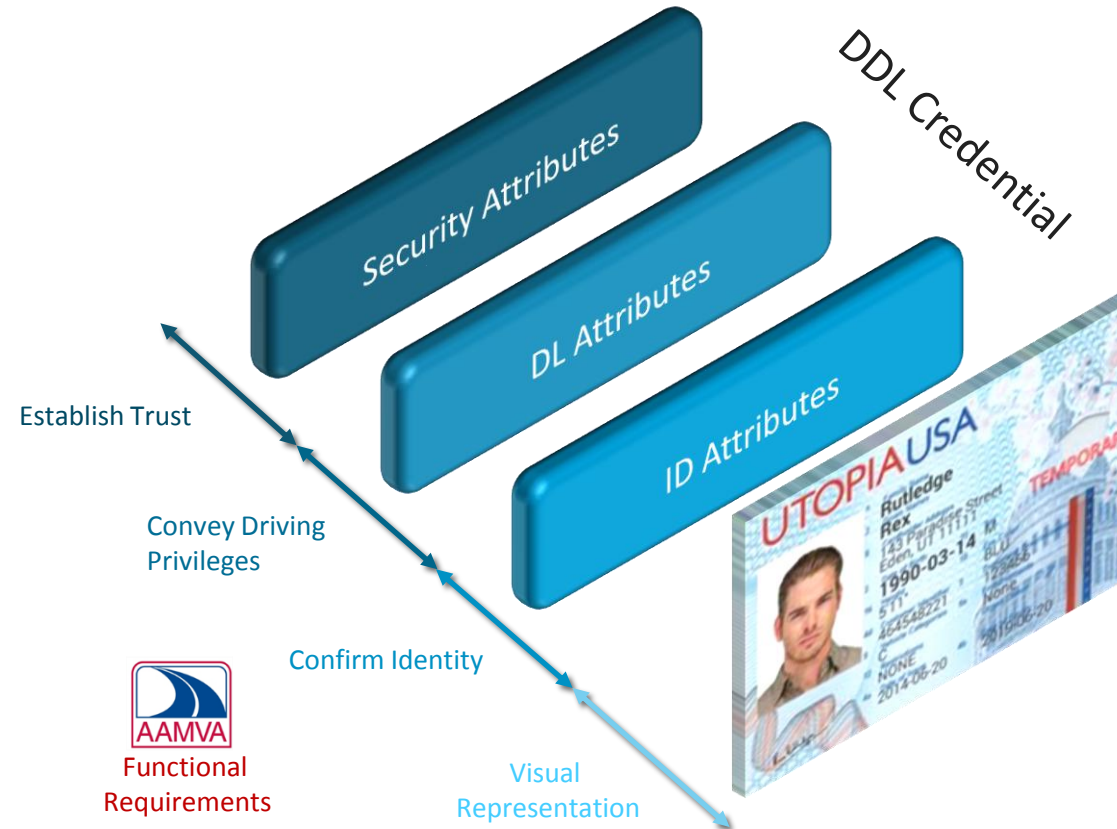
National Strategy for Trusted Identities in Cyberspace



Digital Driver's License Pilot with CO, DC, ID, MD



Not just an image
on the phone!



NIST



Digital Drivers License Use Cases



Identity Verification



Proof of Age



But there are challenges and some require legislation

1. Many states may not have an enterprise view on their IT resources, resulting in siloed approaches
2. Many states require updates to legislation to allow for a digital driver's license to be recognized
3. Access to state data is very limited, hindering the ability for online solutions to leverage this authoritative source



Thank you

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MorphoTrust USA

Securing access to state benefits and tax returns through biometric credentials.

Highlights

- Matches a selfie to the DMV photo on record to identity proof users for state benefits applications
- Innovative remote proofing capability that does not rely on knowledge-based authentication (KBA) and enables online proofing for “thin file” participants
- Developing and testing mobile application for facial biometric capture.

Partners

miiCard
North Carolina DoT
Georgia DoR
H&R Block
UT Austin Center for Identity

Project Description

[Link to Project Description](#)

MT Presentation

[Link to Presentation](#)



[@MorphoTrust](#)

Gemalto

Working to offer a digital driver's license, accessible via mobile app.

Highlights

- Gemalto will work with departments of motor vehicles to issue digital driver licenses to residents of Idaho, Maryland, Washington, D.C., and Colorado. Gemalto aims to improve the way people conveniently and securely present and prove their identities to business and government entities by offering a digital driver's license, accessible via a mobile application.
- The benefits for citizens and relying parties is to be able to present and authenticate a trusted government-issued digital identity via mobile platforms that will facilitate and automate many applications that rely on the physical presentation of identity documents today.

Partners

Maryland Motor Vehicle Association

Washington DC Department of Motor Vehicles

Idaho Transportation Department

Colorado Division of Motor Vehicles

Project Description

[Link to Project Description](#)



[@Gemalto](#)