Cross-Sector Digital Identity Initiative
(NIST Award Number: 70NANB12D297)

AAMVA Workshop & Law Institute

Presented by Paul E Blanchard
The Problem

Usernames and passwords are broken

- Most people have 25 different passwords, or use the same one over and over
- Even strong passwords are vulnerable...criminals can get the “keys to the kingdom”
- Rising costs of identity theft
  - 123% increase in financial institution Suspicious Activity Reports in last 6 years (FINCEN)
  - 11.7 million est. victims over 2 years (BJS, 2008)
  - $17.3 billion est. cost to economy over 2 years (BJS, 2008)
- Cybercrime is also on the rise
  - Incidents up 22% from 2008 to 2009 (IC3 report)
  - Total loss from these incidents up 111%, to $560 million
What is NSTIC?

Called for in President’s Cyberspace Policy Review (May 2009): a “cybersecurity focused identity management vision and strategy”

NSTIC calls for an **Identity Ecosystem**, “…an online environment where individuals and organizations will be able to trust each other because they follow agreed upon standards to obtain and authenticate their digital identities.”

**Guiding Principles**

- Privacy-Enhancing and Voluntary
- Secure and Resilient
- Interoperable
- Cost-Effective and Easy To Use
Address the following barriers to Identity Ecosystem adoption:

– Lack of commonly accepted technical standards
– Lack of clarity on liability and other complex economic issues
– No common standards for privacy protections and data re-use
– Problems with usability of some strong authentication technologies
On Sept. 20, 2012, NIST awarded more than $9 million for pilot projects in support of NSTIC

Five U.S. organizations will pilot identity solutions that increase confidence in online transactions, prevent identity theft, and provide individuals with more control over how they share their personal information.

AAMVA in partnership with VA Department of Motor Vehicles, Microsoft, CA Technologies, AT&T and Biometric Signature ID was one of the 5 organizations selected out of 187 applicants.

The pilot projects intend to:

- Advance the NSTIC vision, objectives and guiding principles; and
- Demonstrate innovative frameworks that can provide a foundation for the Identity Ecosystem, and tackle barriers that have, to date, impeded the Identity Ecosystem from being fully realized.
• **Goal:** Allow users to “level up” a Microsoft Live ID credential and use to access a state and/or commercial on-line service

• **Scope:** develop & pilot four (4) core capabilities in custom identity ecosystem with encompassing governing framework that satisfies NSTIC goals 1 & 2 and adheres to NSTIC guiding principles

• **POP:** 10/1/2012 – 9/30/2014 (base year + ‘option year’)

• **Team Members:** AAMVA, VA DMV, AT&T, Biometric Signature ID, CA Technologies, Microsoft
Project Approach

- Develop / Verify core capabilities in Proof of Concept phases
- Validate core capabilities in Pilot phase
- Evolve encompassing governance framework over project lifecycle
- Target self-sustainability by year three transition