Identity Management Standards Advisory Council: A Retrospective

Joseph W. Grubbs, Ph.D.
Virginia Department of Transportation

Presentation to IMSAC
May 24, 2018
Purpose

• To provide a retrospective on
  – Electronic Identity Management Act, § 59.1-550 et seq. of the Code of Virginia
  – Role of the Identity Management Standards Advisory Council (IMSAC)
  – Status of Guidance Documents and the IMSAC Work Plan
  – Core issues for implementing IMSAC Guidance Documents
Electronic Identity Management Act

- Passed by General Assembly in 2015 session; codified in § 59.1-550 et seq.
- Authorizes extension of liability protection for digital identity management
- Aligns with the Governor’s Policy Priorities for
  - Information/Cyber Security
  - Economic Development
- Promotes secure, privacy enhancing digital identity management and online transactions
- Implemented via minimum specifications and standards established in Guidance Documents
IMSAC Background

- IMSAC’s enabling statute codified in § 2.2-437 and referenced in § 2.2-436
- First meeting in December 2015; work plan implemented in March 2016
- Comprised of experts from government, private industry, and standards organizations
- Recommended for adoption seven Guidance Documents – five adopted
Statutory Responsibility

- Secretary of Administration, in consultation with the Secretary of Transportation, has authority to approve minimum specifications and standards for digital authentication and identity management, pursuant to § 2.2-436

- IMSAC has responsibility for advising the Secretary on minimum specifications and standards and adoption of Guidance Documents, pursuant to § 2.2-437
IMSAC Guidance Documents

- Guidance Documents defined pursuant to the Administrative Process Act, § 2.2-4001
- Guidance Document 2 covers trust frameworks for identity management systems
- Guidance Document 3 covers privacy, security, and confidentiality of identity information
- Guidance Document 4 covers identity management of non-person entities
Liability Protection & Certification

- Core implementation issues:
  - Discovery and full implementation of minimum specifications and standards by private industry
  - Ongoing assessment of conformance with adopted minimum specifications and standards
  - Certification of “identity trust framework operators” and “identity providers,” as defined in § 59.1-550
  - Creation or identification of a certification authority to perform assessments and regular monitoring
Priority Next Steps

- Review and approve 2018 work plan
- Continue to develop minimum specifications and standards
- Recommend approach for certification of trust framework operators
- Recommend draft legislative changes to address federation
Joseph W. Grubbs, Ph.D.
IMSAC Subject Matter Expert
Virginia Department of Transportation
(804) 467-7729
joseph.grubbs@vdot.virginia.gov