

# Commonwealth Authentication Services (CAS)

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# Government Reform - Executive Order #2

“ Accordingly, by virtue of the authority vested in me as Governor under Article V of the Constitution of Virginia and under the laws of the Commonwealth, including but not limited to Section 2.2-134 of the Code of Virginia, and subject always to my continuing and ultimate authority and responsibility to act in such matters, I hereby establish the Governor’s Commission on Government Reform and Restructuring (“Commission”).

- 1) The Commission will conduct a thorough review of Virginia state government:
- 2) Identify opportunities for creating efficiencies in state government, including streamlining, consolidating, or eliminating redundant and unnecessary agency services, governing bodies, regulations and programs;
- 3) Explore innovative ways to deliver state services at the lowest cost and best value to Virginia taxpayers;
- 4) Seek out means to more effectively and efficiently perform core state functions, including potential privatization of government operations where appropriate, and restore focus on core mission oriented service; and
- 5) Examine ways for state government to be more transparent, user friendly and accountable to the citizens of the Commonwealth.”

# The Problems

- Feds (HHS) estimates 16% of Virginia Medicaid Eligibility records are in an “error” status
  - > Represents hundreds of millions of dollars
  - > Pressure on states by Feds to correct the problem
  - > Eligibility fraud continues to grow
- Duplicative Processes
  - > Eligibility processes performed by multiple agencies
  - > Budget deficit can no longer support duplication
- No fully automated Commonwealth level communication exists between agencies for authenticating a citizen’s identity

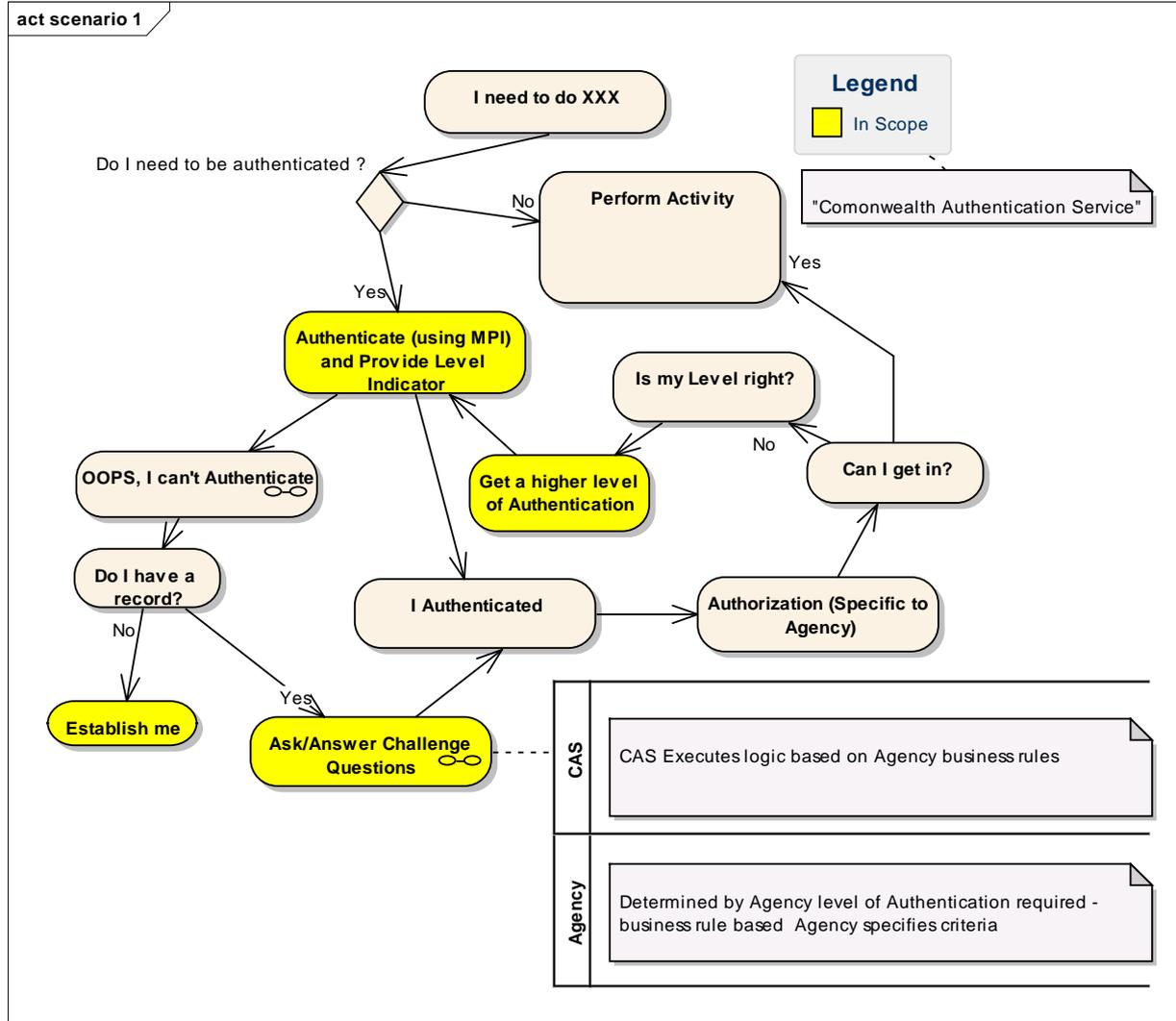
# Partnerships Formed

- Commonwealth's Secretary of Health and Human Resources (HHR) reaches out to DMV for assistance
- DMV has the "Golden Record"... but how golden is it?
- High level needs identified
- DMV agrees to build an automated authentication mechanism/service for the state initially involving four agencies:
  - > DMV
  - > Social Services (DSS)
  - > Virginia Medicaid (DMAS)
  - > Virginia Information Technologies Agency (VITA)

# Commonwealth Authentication Services (CAS)

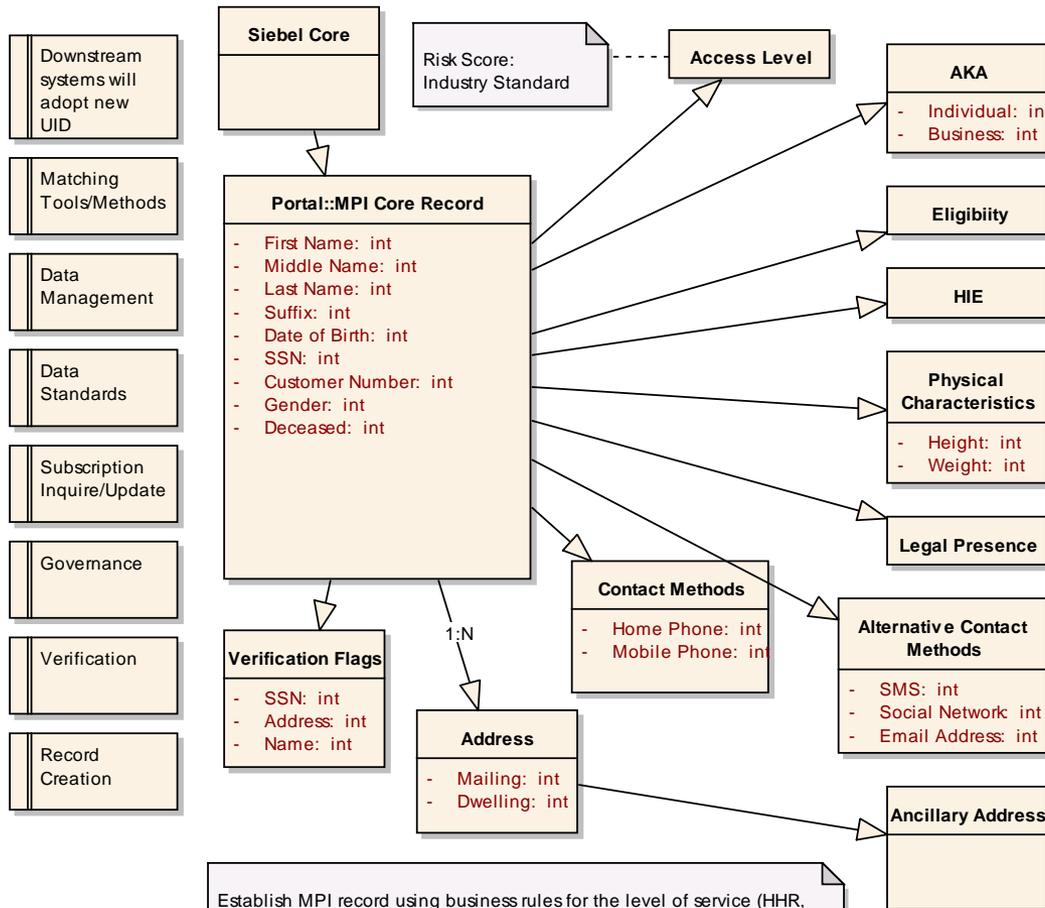
- Committees formed:
  - > Process Workflow
  - > Master Person Index (MPI)/MDM (Database)
  - > Standards
  - > Multi-agency representation (business and IT)
- Pilot with Virginia Social Services (10 month development)
- Designed and developed for use by ALL state agencies
- Database includes citizen data and business/provider data
- Must be designed with Health Information Exchange (HIE) in mind

# Process Workflow



# MPI/MDM

## object MPI Workshop



Establish MPI record using business rules for the level of service (HHR, DMV, DGIF, etc.) requested. Using the appropriate rules, create Customer Number (Unique ID that uses the DMV Customer Number format), DOB, and PIN record in the MPI.

There is also an Access Level Indicator added to the record that governs what this customer can do amongst all the services available via the Commonwealth Portal. This should handle the issue of access for information provisioning vs transaction processing.

# Standards

## req Standards

Web Standards	Data Standards	PCI Compliance	Privacy Standards
Security Standards	Messaging Standards	HIPAA/PHI	Reporting Standards
Development Standards	User Experience	Service Inventory/Standards	ANSI
Accessibiity Standards	Records Retention	HL7	Messaging Components need to be addressed at one committee.
FIPS	NIST	HSPD-12	

# CAS Technologies

- SOA tools
- External agencies will connect via web services
- Configured using Oracle Siebel, Oracle Policy Automation (OPA), Oracle Adaption Authentication Manager (OAAM), Oracle Identity and Access Manager (IAM), through the Oracle Enterprise Service Bus (ESB)
- MPI/MDM will be a procured, COTS product

# CAS Funding

- Medicaid Grant
- Health Information Exchange (HIE)
- VA. Productivity Investment Fund
- Federal OMB

# Additional Commonwealth Authentication Initiatives

- **Interstate Authentication**
- **Participation with the National Strategy for Trusted Identities in Cyberspace (NSTIC)**
  - > **Focus on Government and Commercial**
  - > **Privacy Component**
    - 1) **non-traceability**
    - 2) **non-linkability**
    - 3) **minimal disclosure**
- **E-notaries and E-signatures**

# Nationwide Effort to Advance the Standards/Technology

- National Association of State CIOs (NASCIO)
- Smart Card Alliance
- Many identity vendors pushing real hard

Thank you

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