

Access Convergence

Smart Card Alliance – 2014 Government Conference

October 30, 2014



— THE —
TRIAGE GROUP



Affiliation

Contractor

Agency/Department

OCTO

Issued

2013JAN01

Expires

2016JAN01

**PAPADOPULOS,
STEPHAN**



dc one card

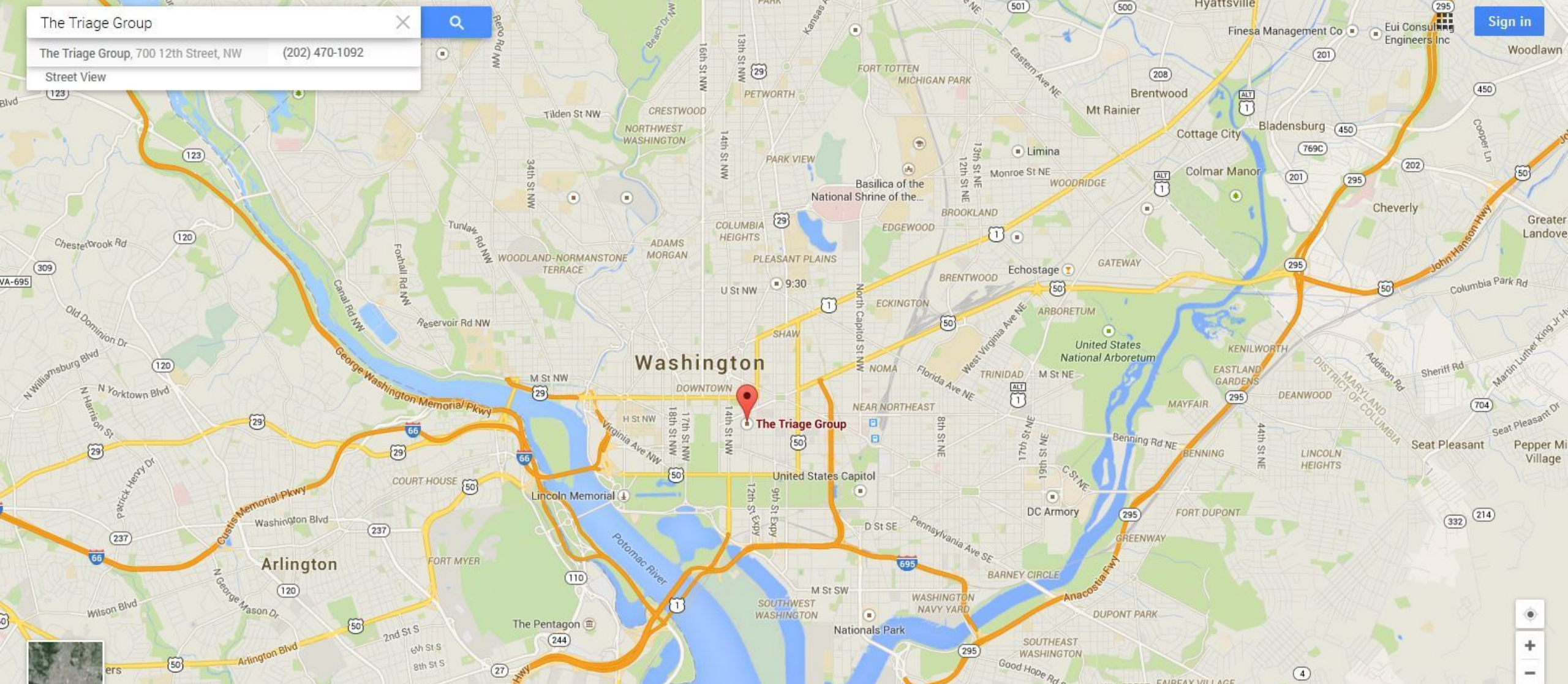
Stephan Papadopoulos

Managing Director

The Triage Group



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Where I Work

Washington, DC



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Technology
Integration

Technology
Strategy

Cyber
Security

Business
Management

What We Do

Consulting Services



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Healthcare



Emergency
Response



Government
Services



Public & Private
Sector

Who We Work With

Industry Focus



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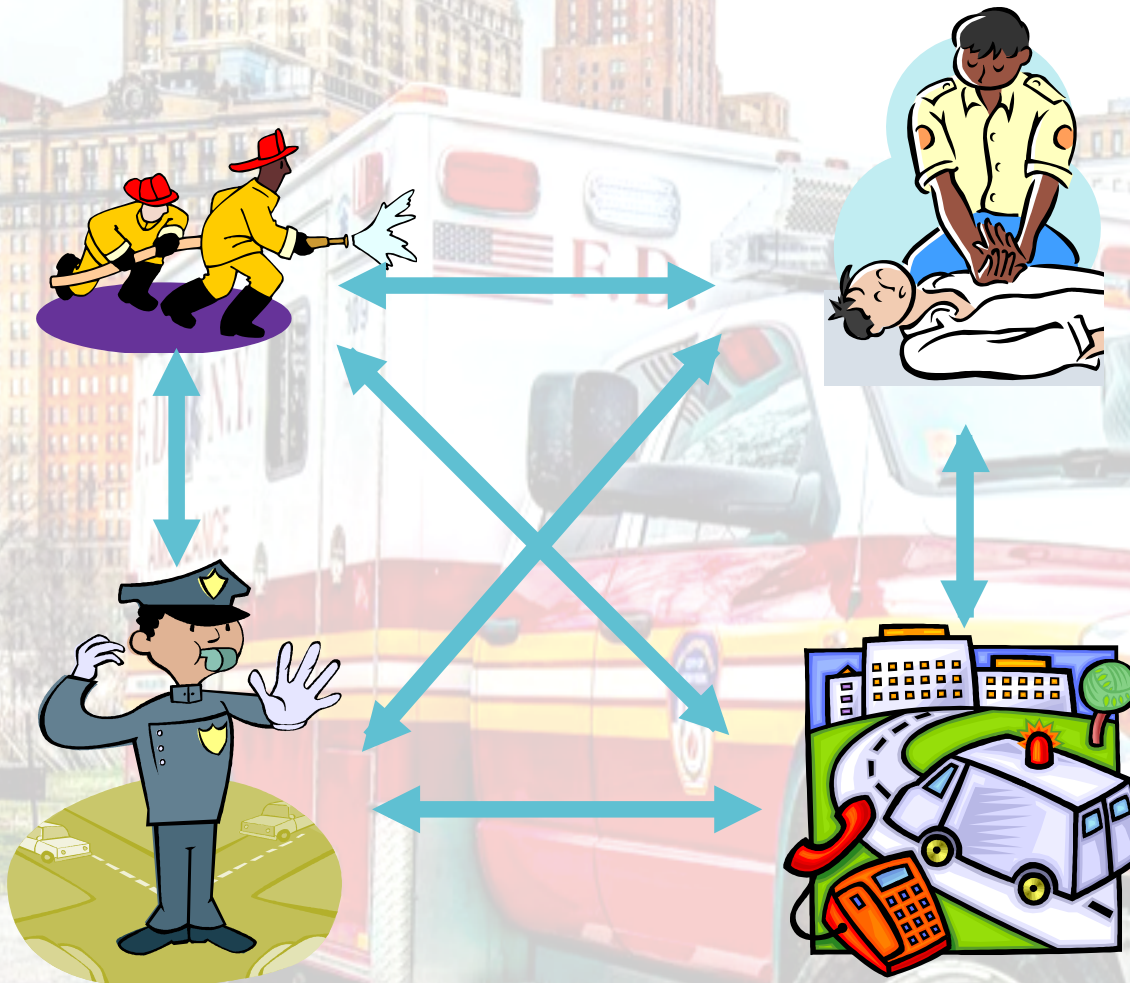
2004

Shift to Data Communications

Security

Trust

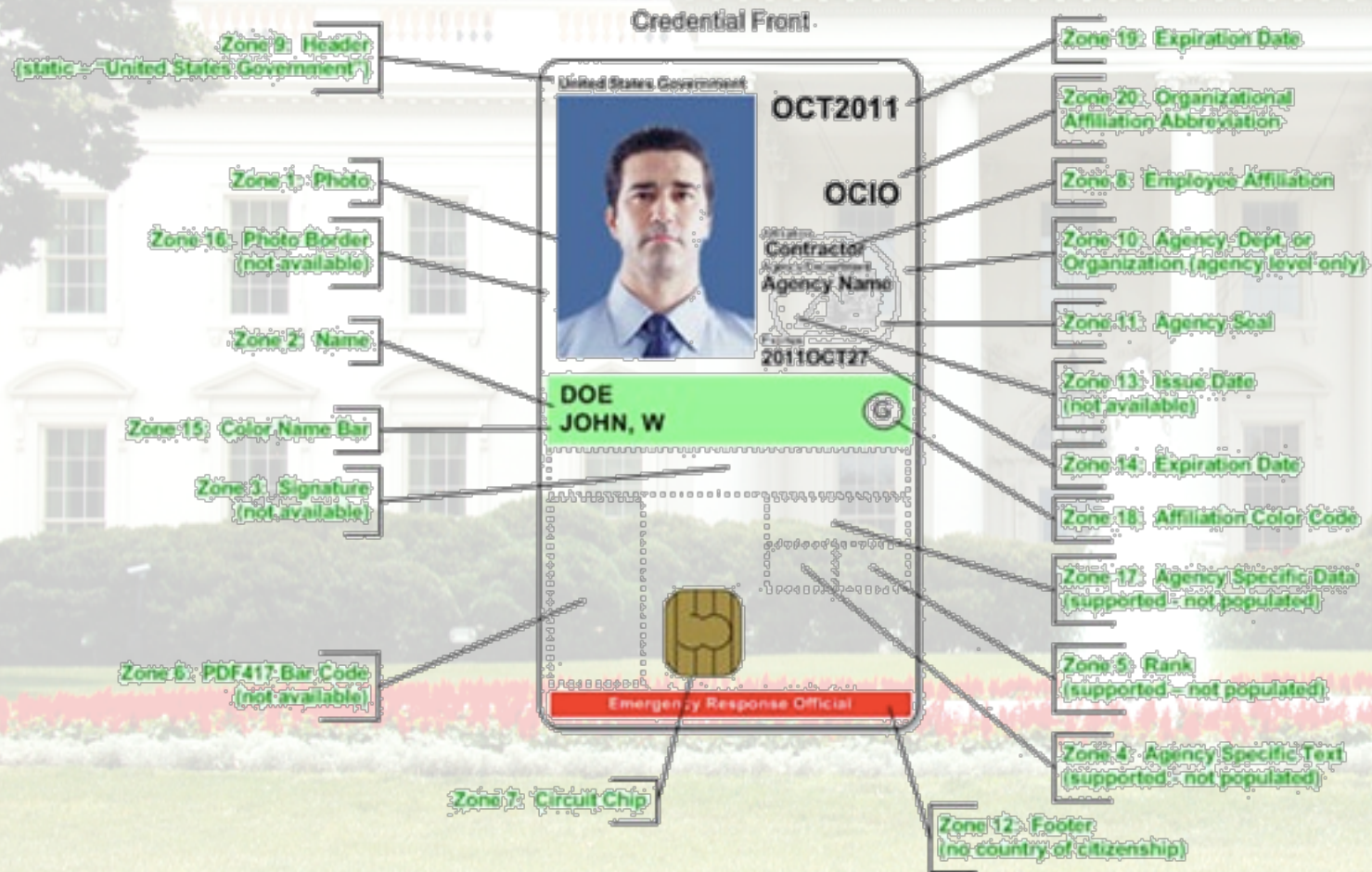
Interoperability



Smart Card Start



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Also in 2004
HSPD-12 was Born

Security

Trust

Interoperability

HSPD-12



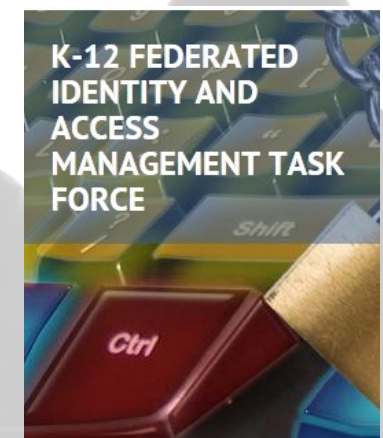
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Secure the Perimeter
Trust Reporting Responders
Interoperable Credential for...
Facilities, Networks and Systems

HSPD-12 & Emergency Response

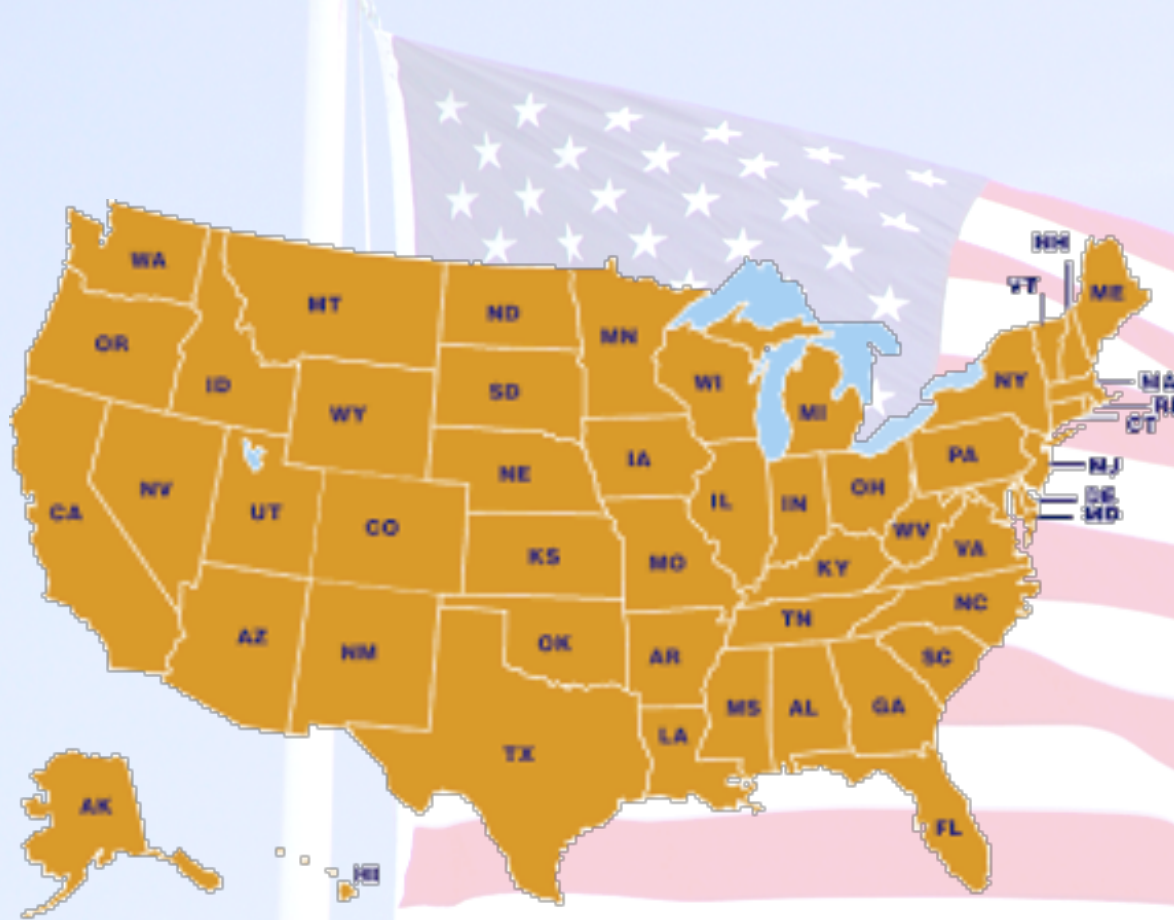


Working Groups and Policy



You Must!
Issue PIV Smart Cards to All
Employees and Contractors.
And we'll help pay for it.

The Federal Mandate



There is No Mandate.

State & Local Governments make their own decisions on PIV-I

Which are priced at Federal rates

And get to pay for it themselves

But, at the State & Local Level

PIV and PIV-I Issuance to Date



Sources: whitehouse.gov HSPD-12 Status Update (as of March 12, 2012)

Smart Card Issuance

PIV and PIV-I Cards



State & Locals have responded
They need a strong value proposition

Security ✓

Trust ✓

Interoperability ?

State Response



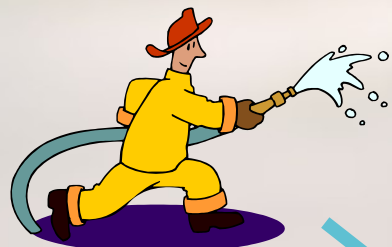
Interoperability Requires:
Standards

Tools



Momentum for Adoption

Interoperability



Access Policy

- Fire or Police
- HAZMAT Qualified

Fire Attributes

- ESF: 9-Fire
- HAZMAT Level 1



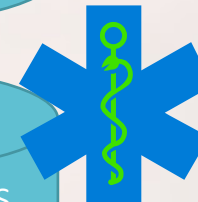
Police Attributes

- ESF: 13-Law Enf.
- HAZMAT Level 1



Medic Attributes

- ESF: 8-Health
- Trauma Level 2



Attribute Based Access Control



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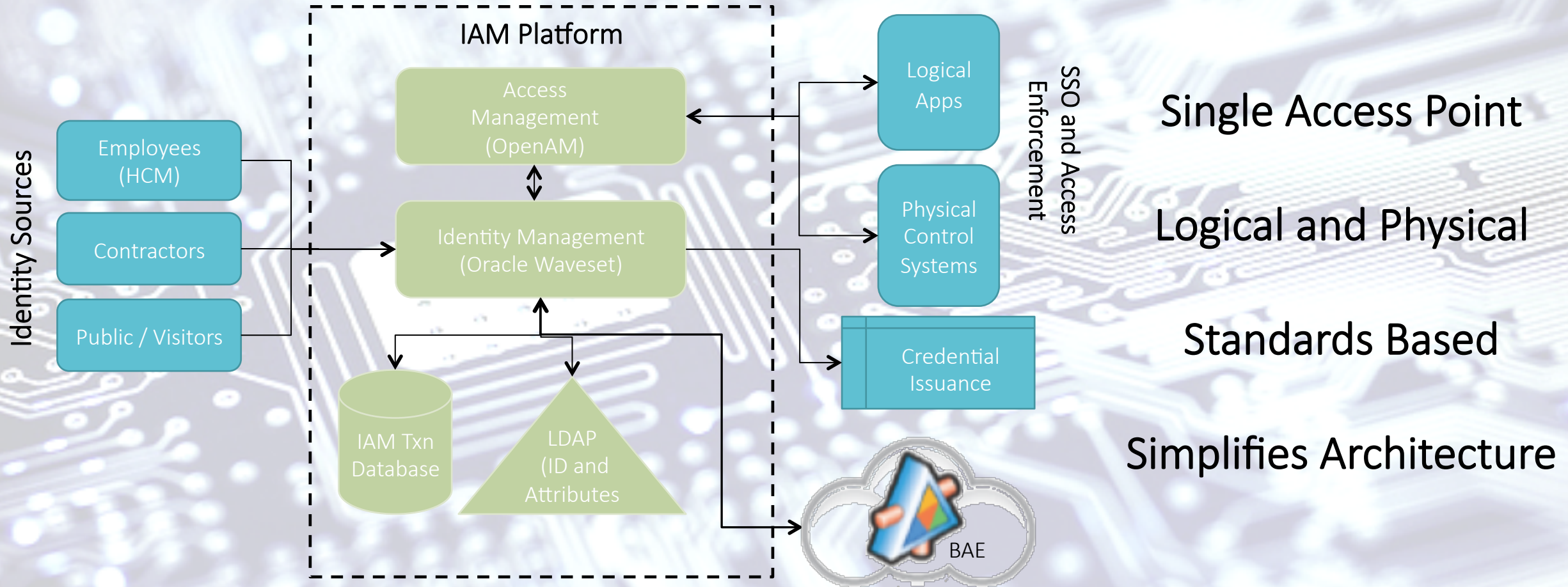
Case Study Video

DHS & DC Government

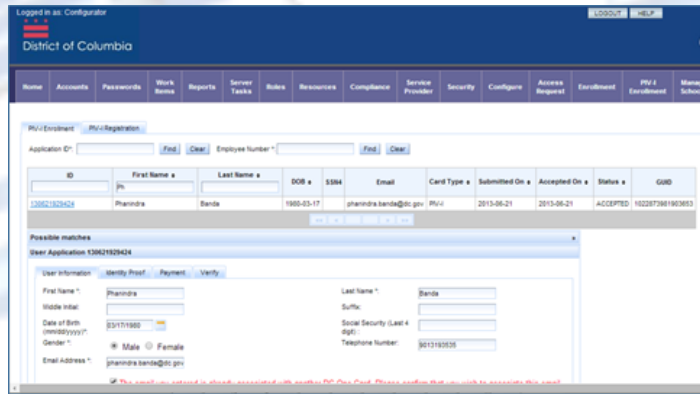


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Converged Access Architecture



Visitor Invitation



Enroll

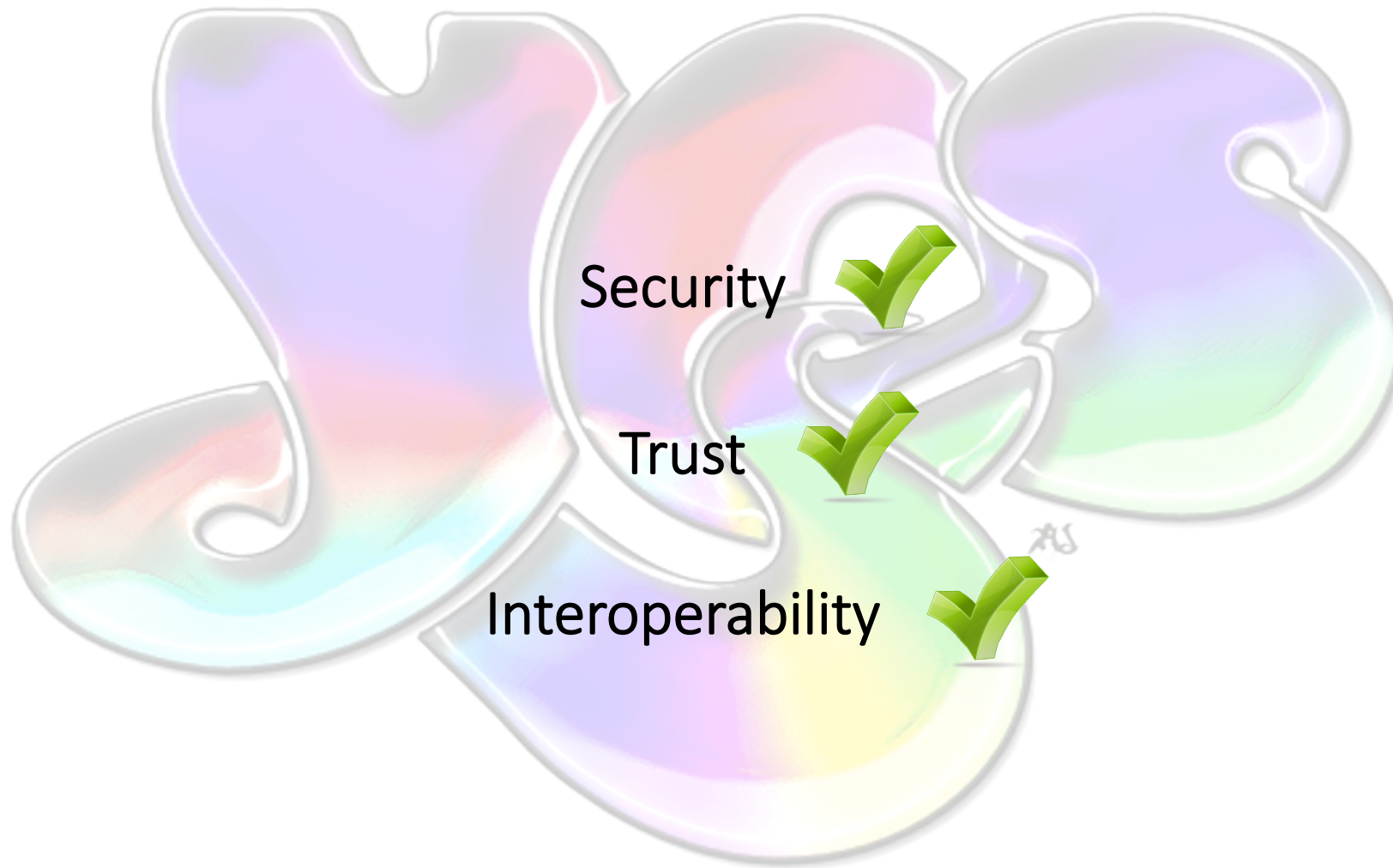


Access Request

Simple Access Flow



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Results

Improve Safety and Security

Leverage Investment in PIV Credentials

Provide Better and More Timely Access Control

Adhere to Compliance Mandates (e.g., GAISP, GASSP)

Achieve Technology Consolidation and Simplification

Standardize Authentication, Provisioning and Authorization Mechanisms

Reduce Reliance on Fragmented Vendors

Imperatives and Benefits



Organizational Silos - Facilities vs. Enterprise IT

Lack of Clear Vision across Organization

Proprietary Tools and Protocols

Product Maturity and Flexibility

Compliance with Interoperability Standards

Project Complexity

Funding

Challenges