Global Advisory Committee
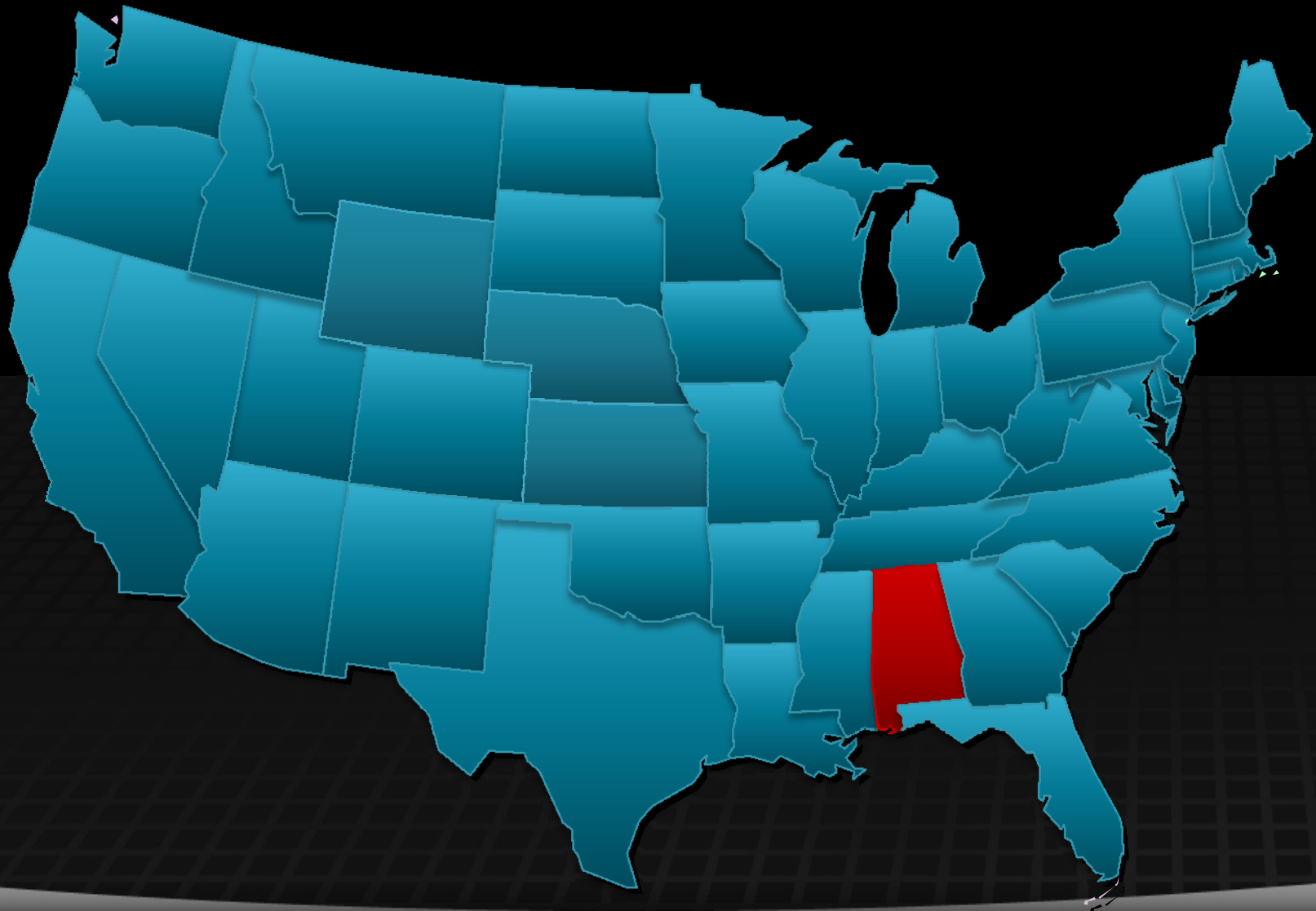
Spring 2010 Biannual Meeting

Global In Action: The CONNECT Project

Washington, DC
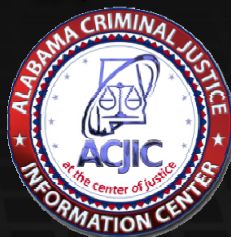April 8, 2010
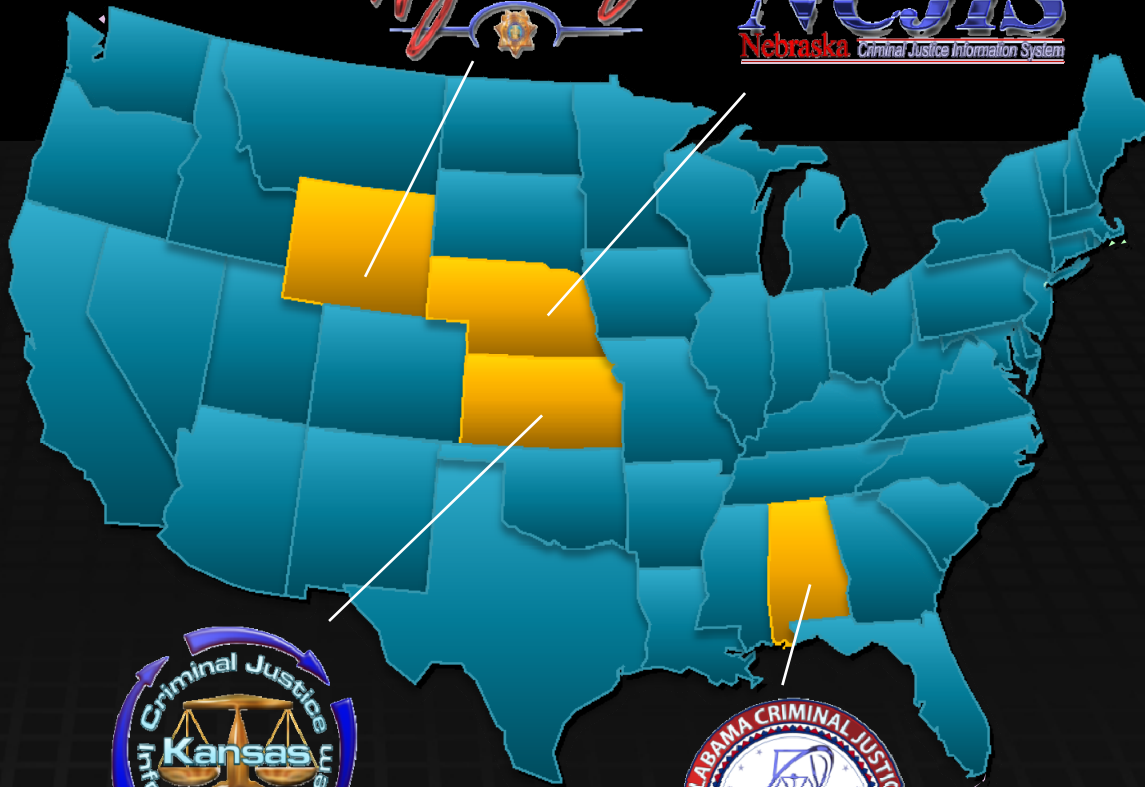
The Island of Alabama

What is CONNECT?

a consortium of states
implementing a new approach to
interstate information sharing

*leverage GLOBAL standards, existing
state portals & the Internet to facilitate
deep information sharing for
<u>all</u> criminal justice users*

Who is CONNECT?

OUR VISION
Criminal Justice personnel will have
simple, secure & cost-effective access
to rich interstate information
to help them prevent & effectively respond to crime

Benefits We Seek

More users

- Allow "non-traditional" criminal justice users access to data previously available only through Nlets or NCIC or not at all
- Small PD's, probation officers, domestic violence advocates, victims service officers, re-entry service providers, etc.

More data

- No limits: policy- and mission-driven access
- Custody, court, citations, protection orders, crash, vehicle

More affordable

- GLOBAL standards = nationwide technology re-use
- Secure transmission of data via the internet

Our Approach

- **Proof of Concept… Start "Small"**
  - Four states with established CJIS Portals
  - Limited User Community
  - One Data Set
- **Re-Use**
  - NIEM IEPD's
  - JRA Web Services
  - Security Model & GFIPM Roles / Assertions
  - Privacy Policy
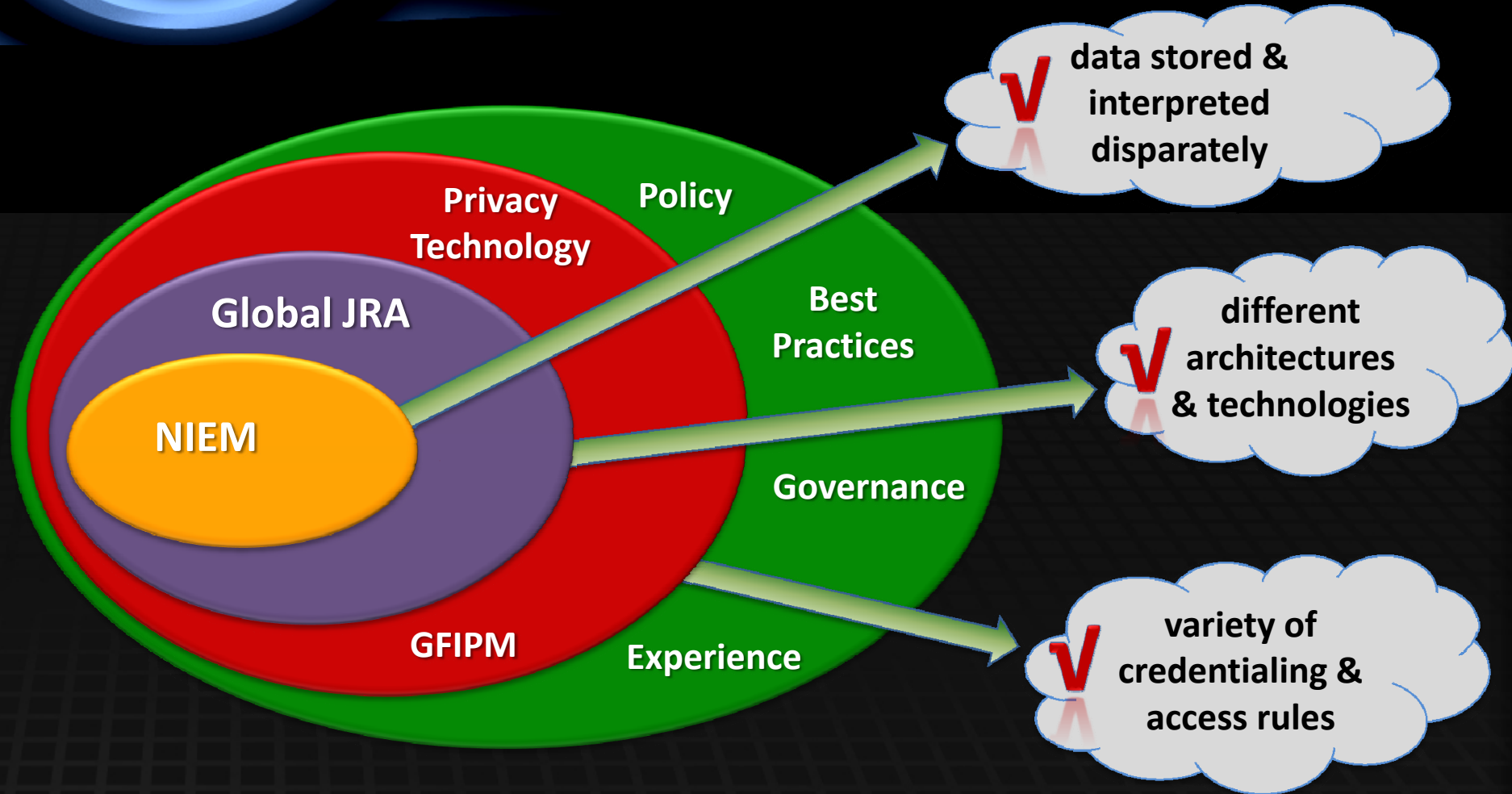- **Prove the value… replicate… extend… scale**

GLOBAL in Action!

Privacy

NIEM

GFIPM

JRA

Privacy Policy ✓

- Developed from <u>Global</u> / DOJ Templates
- Meets legal requirements of current member states
- Defines authorized purposes for info access
- Establishes policies for secondary dissemination
- Details logging & auditing requirements
- Describes enforcement policies for misuse
- Extensible to other states & data stores

Results

4 State Privacy Impact Assessments

CONNECT Privacy & Civil Liberties Policy

NIEM√

- Standardizes information exchange requirements

- Resolves differences in semantics between data elements defined by each State

- CONNECT reuses existing IEPDs & extends them to save time & money

Results

**3 NIEM IEPDs**

DL Query, DL Summary, DL Detail

Global JRA

- Business services enable search & information exchange between portals

- Architecture leverages reusable infrastructure & security token services… implementation involves deploying a set of template services

- New data sources & capabilities are provided by adding new business services

Results

4 Global JRA Services

CONNECT Service, Identify Provider Service, Resource Provider Service, DL Business Service

Global JRA
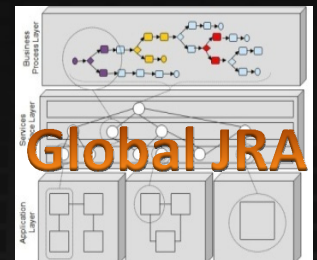
GFIPM ✓

- Enables policy-driven, claims-based identification, authentication, authorization & access control

- Each State manages its own user accounts & provides claims about its users to others

- Each State manages its own resources / information & dictates the policies regarding their use

Results

4 GFIPM-enabled Global JRA Services

CONNECT, Identity & Resource Providers, DL

Assertions: Law Enforcement Agency, Criminal Justice Agency User

PASSPORT

GFIPM

United States of America

Demonstration

Policy

- **Complexity of working with multiple states**
  - Different laws & regulations (GFIPM helped!)
  - Cross jurisdictional auditing & enforcement
  - Lack of time to work together
- **Need for extensibility**
  - Led to development of CONNECT public website
  - Provides transparency

Technical

- Further alignment of GFIPM and the JRA

- Early adoption challenges
  - Single GFIPM assertion in the SAML token led to reduced flexibility
  - Many moving parts… troubleshooting challenges
  - Security services are complex to implement
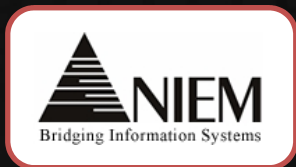 - Platform challenges implementing WS-Security and WS-Trust

Sponsors & Supporters

Sponsors

DEPARTMENT OF JUSTICE — QUI PRO DOMINA JUSTITIA SEQUITUR

NGA Center for BEST PRACTICES

NCJA

Global Justice Information Sharing Initiative

Supporters

NIEM — Bridging Information Systems

IIR

SEARCH

ii

aic — Analysts International CORPORATION

JUSTICE MANAGEMENT

The Road Ahead

- Strengthen Privacy Protections: deploy Global Privacy Technology

- Improve Performance: move proof of concept to a CONNECT Appliance

- Solve more business challenges:
  - More Data: Corrections, Courts, Crash, Citations, Vehicle, Pardon / Parole, Domestic Violence, Protection Order
  - More Users: Corrections, Courts, Fusion Centers, etc.

Improved safety for our officers & local communities

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