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 all criminal justice users
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
The Interoperability Challenge

SOLVED!

- Data stored & interpreted disparately
- Different architectures & technologies
- Variety of credentialing & access rules

Best Practices: variety of credentialing & access rules

Governance: different architectures & technologies

Policy: data stored & interpreted disparately

Technology: variety of credentialing & access rules

Privacy: different architectures & technologies

Global JRA: variety of credentialing & access rules

NIEM: different architectures & technologies

GFIPM: variety of credentialing & access rules

Experience: different architectures & technologies

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Privacy Policy

- Developed from Global / 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
• 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
• 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

4 Global JRA Services
• 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
Demonstration

The demonstration information is not available in this presentation due to its sensitivity. If you would like to learn more about the CONNECT functionality please do not hesitate to contact us.
• **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
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

[Logos and names of sponsors]

Supporters

[Logos and names of supporters]
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
Visit us on the web:  
www.connectconsortium.org