



Global Federated Identity and Privilege Management (GFIPM)

Georgia Tech Research Institute (GTRI)

www.it.ojp.gov/GFIPM



GFIPM Metadata

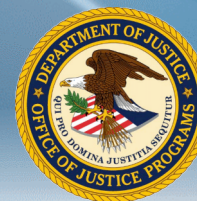


- Provides a *common data model* across federation systems
 - Common *semantics* and *structure* for metadata associated with federated users and federated entities
- Supports
 - Identification and Authentication
 - Resource Authorization / Privilege Mgmt
 - Auditing / Accountability
 - Personalization
 - Future framework for Privacy Policy Enforcement

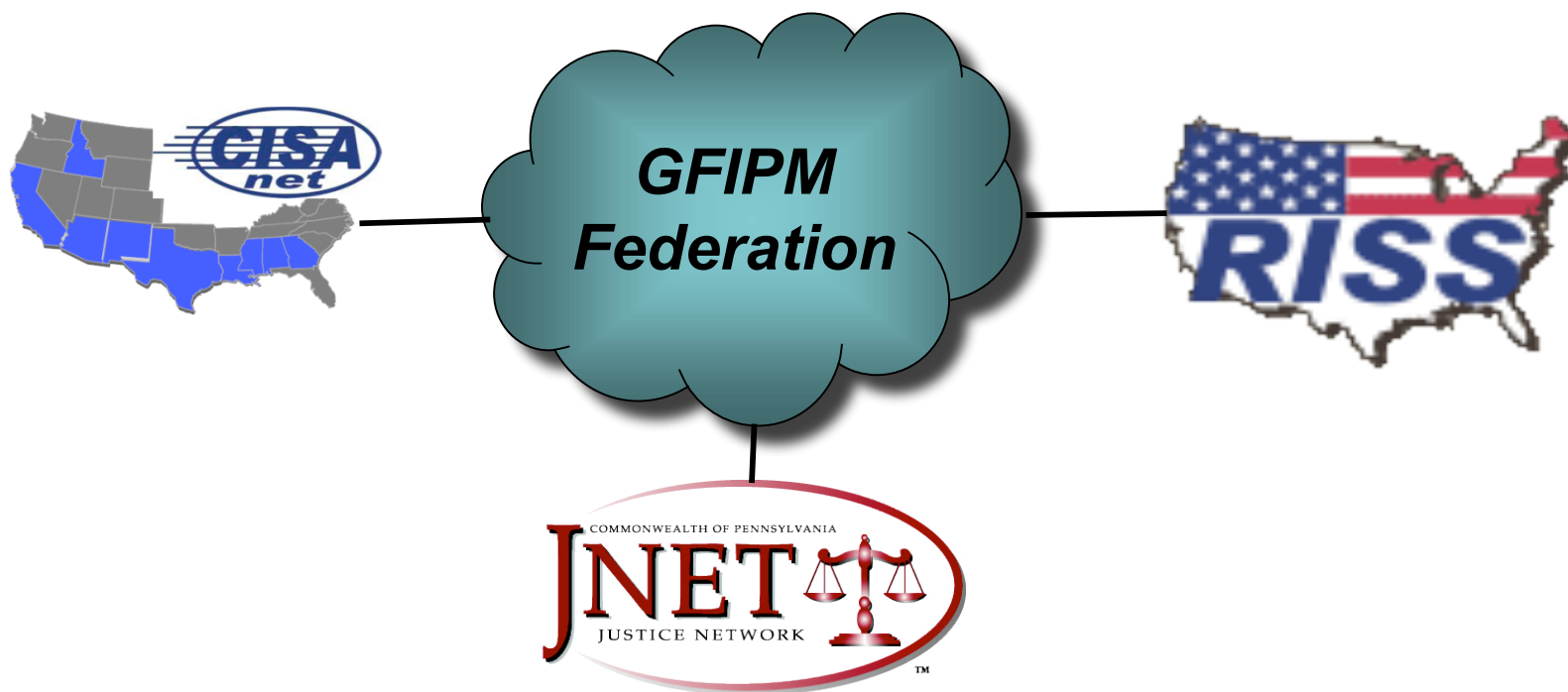


GFIPM Assertion Design Objectives

- **Leverage** existing GJXDM and **NIEM** data modeling concepts, principles, architecture, and content (semantics and structure).
- **Leverage** existing **federated identity standards**. Specifically, the Security Assertion Markup Language (SAML). Support for other standards and versions in the future is anticipated.
- **Leverage** other relevant metadata **initiatives**
 - DHS user attributes for authority based access control
 - Global Technical Privacy Working Group
- Allow for many use cases of FIPM
 - User-to-Application
 - System-to-System (SOA use case)
- **Separation** of the identification and **modeling** of GFIPM Metadata from the **encoding** and transport of that metadata between federation participants in a SAML Assertion.



GFIPM Security Interoperability Demonstration Project



www.it.ojp.gov/GFIPM



Project Initiation and Funding

- GFIPM project was initiated by the Global Security Working Group in 2005 in response to the [National Criminal Intelligence Sharing Plan](#) (NCISP)
- Funded jointly by Bureau of Justice Assistance (BJA), National Inst. of Justice (NIJ), and Dept. of Homeland Security (DHS) Office of Chief Info Officer (OCIO)
- Initial project phase included three existing networks within the justice community
 - Criminal Info Sharing Alliance Network (CISAnet)
 - Pennsylvania Justice Network (JNET)
 - Regional Information Sharing Systems Network (RISSNET)
- Project mgmt, engineering, and technical assistance provided by Georgia Tech Research Institute (GTRI)



Resources

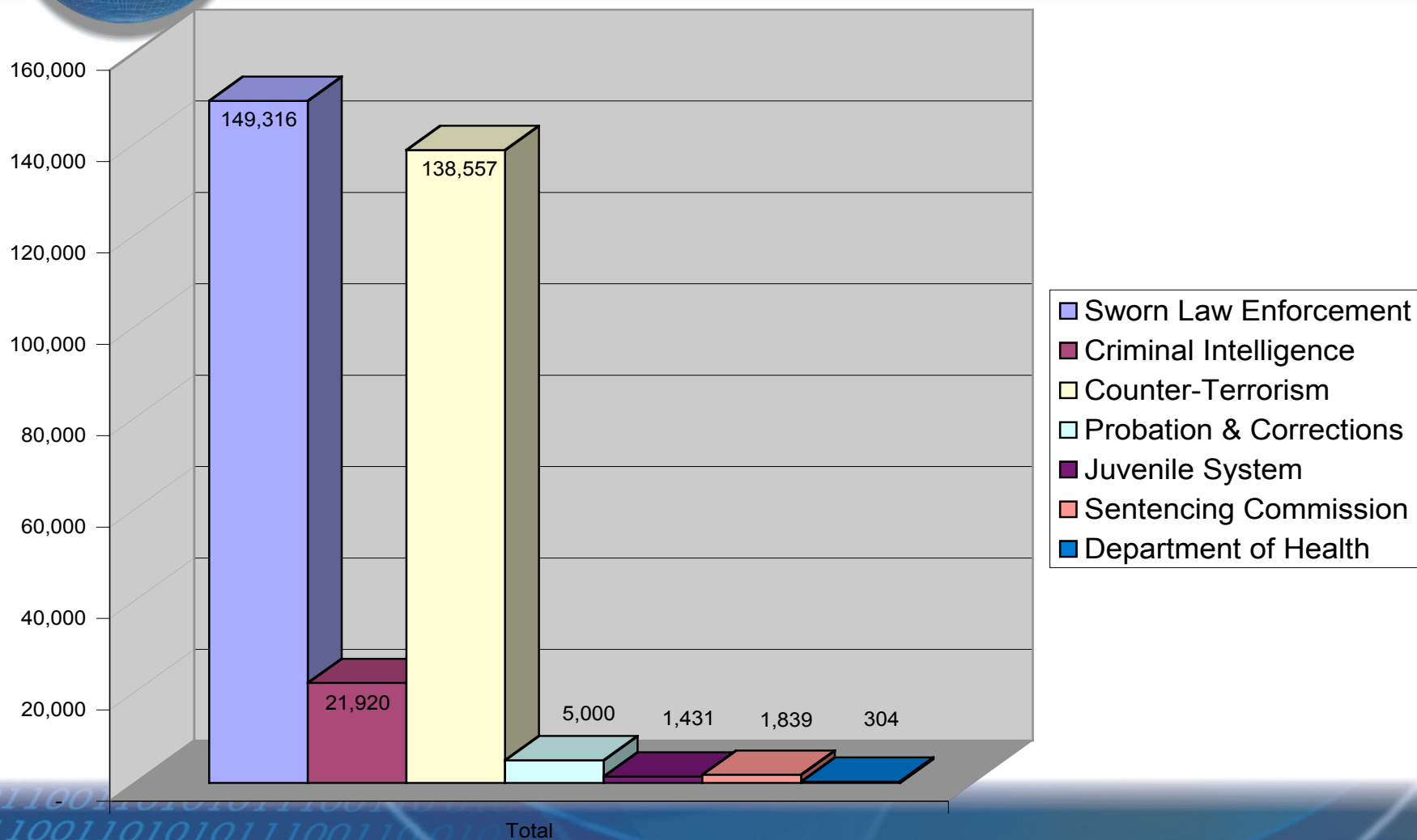
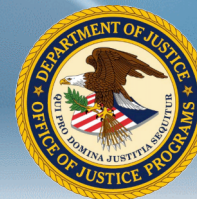
- <http://gfipm.net>
- <http://www.it.ojp.gov/GFIPM>
- <http://impl.gfipm.net>



Questions ?



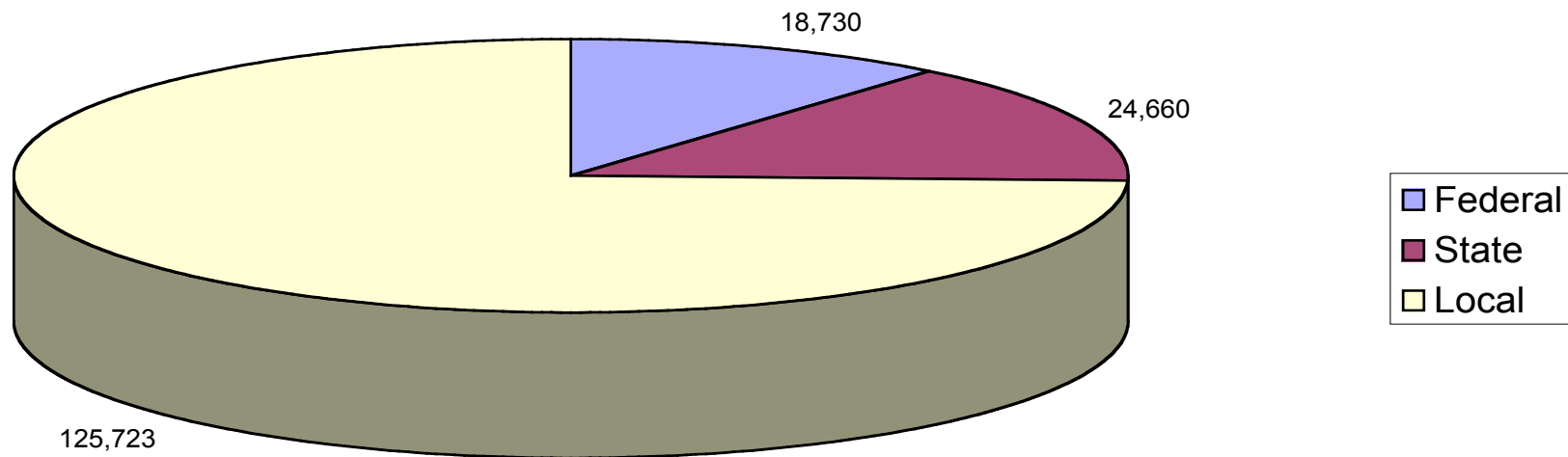
GFIPM User Demographics



www.it.ojp.gov/GFIPM



Total GFIPM User Demographics



Total Potential Users ~170,000