

# Prescription Drug Monitoring Program (PMP)

## PRESCRIPTION DRUG MONITORING (PMP) INFORMATION EXCHANGE (PMIX)

The IJIS Institute is engaged in a series of **Prescription Drug Monitoring Program (PMP) Information Exchange (PMIX)** projects funded by the Bureau of Justice Assistance (BJA). These initiatives have been guided by a steering committee comprised of state representatives who have implemented PMP programs, members of the IJIS Institute, and representatives of various Federal interests, including BJA, the Drug Enforcement Administration, and the Substance Abuse and Mental Health Services Administration.



**IJIS Institute**



44983 KNOLL SQUARE  
ASHBURN, VA 20147



703.726.3697



703.726.3557



INFO@IJIS.ORG



WWW.IJIS.ORG

## PHASE I

Phase I of this initiative developed a baseline standard for facilitating automated information exchange between disparate state PMP systems. The steering committee guided the development of a draft *Concept of Operations (ConOps)* and a prototype U.S. Department of Justice (DOJ) Global Justice XML Data Model (GJXDM) Information Exchange Package Document (IEPD). In addition, the California Bureau of Narcotic Enforcement (CABNE) and the Nevada Board of Pharmacy (NVBOP) volunteered and qualified to serve as sites to host the development and testing of a pilot exchange capability between existing PMP systems.

## PHASE II

The Phase II Pilot Project leveraged momentum from Phase I by utilizing leading technology professionals from the IJIS membership to implement pilot exchange capabilities on behalf of CABNE and NVBOP. This proof-of-value pilot demonstrated the feasibility of automated PMP exchanges based on the GJXDM standard. It also led to a series of reusable technology artifacts and lessons learned that will be utilized to expedite the implementation of point-to-point exchanges between additional PMP partners in the future.

## PHASE III

The current Phase III Pilot Project is creating a similar set of artifacts in support of a proof-of-value pilot of a multi-state hub-and-spoke solution. It is anticipated that over 30 states will have electronic PMPs in place by year-end 2008. An important outcome will be to find ways to reduce the administrative overhead costs that could accrue at the national level if every pair of partners was to implement a separate point-to-point exchange. It will also support of the long-range goal of achieving an open-standards-based nationwide PMIX capability that conforms to the National Information Exchange Model (NIEM).

INFO@IJIS.ORG

### Phase II artifacts include:

- A GJXDM Domain (Exchange) Model
- A GJXDM Mapping
- A GJXDM IEPD
- A beta test version of a NIEM 1.0 IEPD
- Gap analyses for both partner states
- Implementation estimates for both partner states
- A web services specification providing a secure messaging capability for the exchange
- Requirements traceability matrices
- High-level designs
- Production-level software to perform the exchanges

### The overall goals for Phase III are to:

- Accelerate adoption of an open standards-based nationwide PMIX capability that conforms to the National Information Exchange Model (NIEM).
- Reduce the overall national cost that would accrue if every pair of PMIX exchange partners were to implement a separate point-to-point PMIX interface.
- Foster sharing of technical artifacts and related work products with other state and national initiatives to track non-scheduled drugs (e.g., methamphetamine precursors).

WWW.IJIS.ORG

To learn more about the goals and objectives of Phase III, visit the IJIS Institute Web site.



**BJA** Bureau of Justice Assistance

This project is supported by Grant No. 2003-LD-BX-0007 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime. Points of view or opinions in this document are those of the author and do not represent the official position or policies of the United States Department of Justice.