

Integration of Prescription Drug Monitoring Program (PDMP) and health information technology (IT) systems

The Bill

- House Bill 4124 (HB 4124) passed in the 2016 legislative session thanks to the efforts of many stakeholders and partners who supported the bill.
- HB 4124 allows the integration of the PDMP with health IT systems so prescribers, pharmacists and their delegates who are PDMP authorized users, can query the Oregon PDMP within their electronic workflow.
- Using existing health IT systems and clinician workflow will save healthcare professionals time and reduce system redundancies. Most importantly, it will provide access to accurate, relevant and timely PDMP data at the point of care, helping them to make better informed clinical decisions.

Project Background

- The Oregon Health Authority (OHA) and the PDMP Advisory Commission identified an ad hoc stakeholder group representative of the Emergency Department Information Exchange (EDIE) partners and vendor, regional health information exchanges (HIEs), and health system partners to evaluate solutions for the integration technology.
- The group evaluated technical, contracting, and timing factors of available options and recommended the PMP Gateway solution to OHA and the PDMP Advisory Commission. Stakeholders determined the PMP Gateway solution would have the shortest implementation timeline due to prior integrations with health IT systems and the PDMP vendor in other states.
- PMP Gateway is a web-based health IT integration service available via PMP Interconnect (PMPi), a platform operated by the National Association of Boards of Pharmacy (NABP). Appriss is the technology partner for PMPi.

How it works

- PMP Gateway is an Application Programming Interface (API) embedded in health IT systems that will securely integrate Oregon's PDMP data into the electronic workflow of Approved Entities.
- PMP Gateway will enable multiple Approved Entities utilizing different health IT vendors to integrate PDMP data without requiring separate connections for each system.
- Many health IT vendors have already developed code that connects the PMP Gateway to the PDMP in other states. For other systems, coding will need to be completed for integration.
- Once a connection is established and tested with a health IT system, the following pathway is available for PDMP data transfer:
 - Requesting health care professional of Approved Entity sends PDMP request to PMP Gateway within their workflow.

- PMP Gateway validates that OHA has granted access to Entity.
- Request forwarded to Oregon PDMP database.
- Oregon PDMP database processes request, validates user credentials, and returns encrypted response to PMP Gateway.
- PMP Gateway translates response to Approved Entity and delivers it via secure, encrypted channel.
- Requesting health care professional views PDMP data in electronic workflow.

What is required

- HB 4124 requires individual prescribers, pharmacists and delegates to have active, valid PDMP user accounts to receive PDMP data back through the PMP Gateway query. Unregistered prescribers, pharmacists and delegates planning to use the integrated technology need to register as a PDMP account holder before completing the required PMP Gateway forms.
- Eligible Entities interested in using the PMP Gateway must complete the *PDMP Health IT Eligible Entity Integration Request Form* and *Gateway Service Use Agreement* and submit them to OHA. Upon approval by OHA, the Approved Entity will work directly with Appriss to initiate integration. This includes: completing an End User License Agreement with Appriss, negotiating financing, and health IT vendor coordination. Applications will be accepted by OHA upon successful completion of final IT procurement processes.
- Approved entities will need to ensure their providers are enrolled in PDMP and have active user accounts. PDMP enrollment instructions are available at www.orpdmp.com under *PDMP User Access & Registration*.

Implementation Status Update

- Oregon Administrative Rule 333-023 for PDMP was amended to comply with HB 4124 and effective in January 2017. New language in Section 0830 developed by the Rules Advisory Committee includes the approval process for health IT systems.
- OHA and a PDMP Advisory Commission member conducted independent privacy and security assessments of PMP Gateway to ensure data security, encryption, auditing and reporting safeguards are in place.
- The state is funding the data connection between Oregon's PDMP and PMP InterConnect (PMPi), which supports PMP Gateway. PMP Gateway connections to health IT systems will be paid for by Approved Entities via an annual user fee to Appriss.
- Longer term, a utility model for funding gateway services is being explored for future implementation.
- The IT procurement process is projected to be completed in June 2017.