



Allscripts Professional
EHR and LogiCoy
PDMP Integration
Overview

Professional Workflow for Provider to View Prescription History of a Patient from State of Illinois PDMP Database:

1. Provider logs into the EHR Application
2. Provider clicks on “Clinical Desktop”
3. Provider searches for a patient and selects a patient
4. Provider clicks on “Launch” -> “View PDMP Data” located under Partner Solutions
5. A new window opens showing the patient’s prescription history

Professional Workflow for Provider to Download Prescription History of a Patient from State of Illinois PDMP Database:

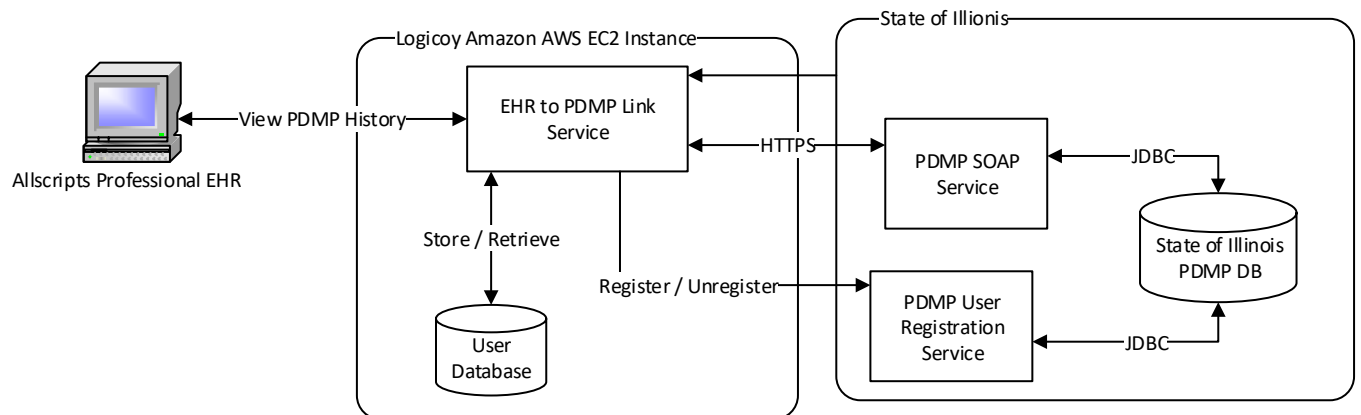
1. Provider logs into the EHR Application
2. Provider clicks on “Clinical Desktop”
3. Provider searches for a patient and selects a patient
4. Provider clicks on “Launch” -> “View PDMP Data” under Partner Solutions
5. A new window opens showing the patient’s prescription history
6. Provider clicks on “Download PDF” button. A PDF with the selected patient’s prescription history is downloaded to the provider’s system.

Integration Application Functionality:

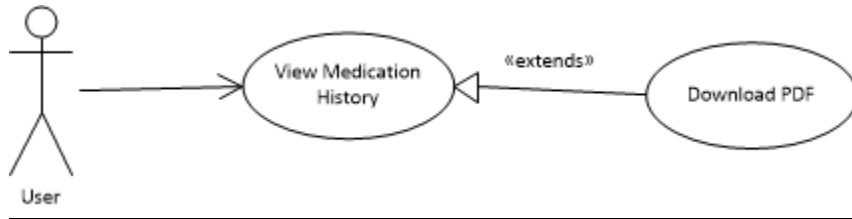
The State of Illinois, as part of Prescription Drug Monitoring Program (PDMP), maintains its own PDMP database, which is utilized by healthcare providers across the state to lookup prescription drug history of a patient. LogiCoy currently has installed a web-based service called “PDMP Web Service.” It provides a patient’s prescription history data to the authorized users in SOAP/XML and REST format. This service is currently utilized by various EHRs across the state and is implemented using customized software.

The main purpose of this application is to facilitate access to State of Illinois PDMP data from Allscripts Professional EHR’s Patient Context.

Architecture Overview

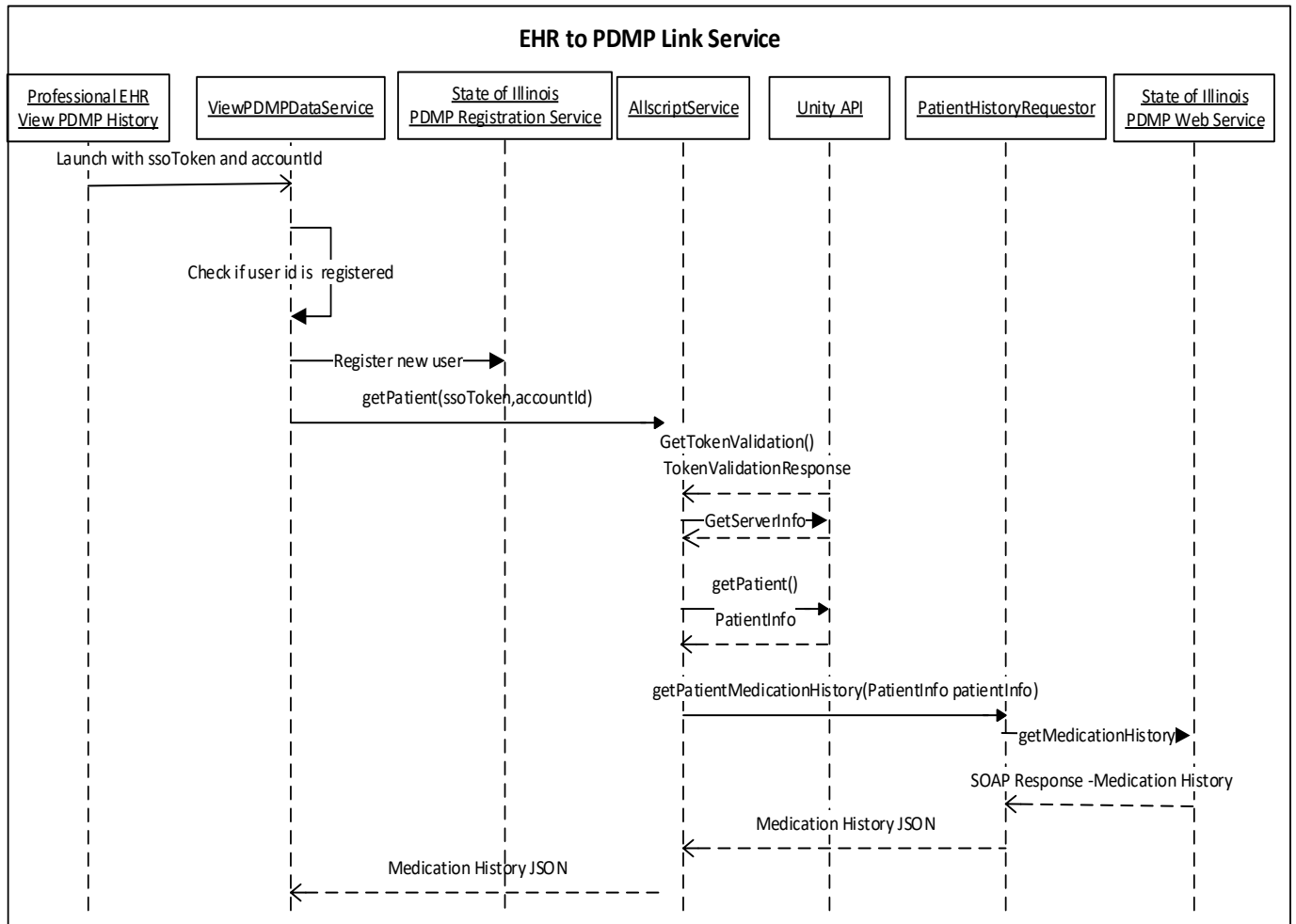


Use Case Diagram



Sequence Diagram

- User clicks on “View PDMP History” button
- The button launches EHR to PDMP link service from Allscripts UI, passing the SSO Token and Account ID
- EHR to PDMP link service will retrieve the User ID & Account ID from URL parameters
- It will check in local DB to see if the User ID is already registered
- If not registered, it will invoke PDMP registration web service, passing the User ID and Account ID as parameters. PDMP registration web service will return a secret key / password (GUID). **Note: PDMP registration service is accessible only to EHR to PDMP link service.**
- EHR to PDMP link service will store this secret key in its local DB
- If already registered, it will decrypt and look up the password from its local database
- Invoke PDMP web service with username & password in HTTP header



Please visit following link for more PDMP info.

<https://logicoy.com/pdmp/>

Watch LogiCoy Allscripts TouchWorks and PDMP database integration demo here:

<https://youtu.be/Gp9CvPIZ5M4>