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What is the Michigan Automated Prescription System (MAPS)?

MAPS is an online tool used to track scheduled II-V controlled substances. MAPS enables providers to review their patients’ schedules II-V controlled substance prescription history and also assess patient risk. The system is also used to prevent drug abuse and diversion at the prescriber, pharmacy and patient levels.

Please visit the MAPS website for more information.

Below is a screenshot of the patient request screen within the MAPS web application.
What is EHR Integration?
The Michigan Department of Licensing and Regulatory Affairs (LARA) is partnering with Appriss Health, the service provider of MAPS, to provide this integration option to all Healthcare providers in the State utilizing a service called PMP Gateway. PMP Gateway is a multi-state query system that provides access to a majority of state PDMPs. PMP Gateway facilitates communication, information transfer, integration, and support for the state approval process and the EHR vendor development process. NarxCare, an Appriss Health developed product, will also be included. This tool equips prescribers and pharmacists in identifying possible drug misuse or abuse through additional analytics of the PMP data.

Integrating MAPS data within an EHR provides a streamlined clinical workflow for providers. The integration eliminates the need for providers to pull-up the MAPS browser, successfully log-in, and enter their patient’s name and date of birth. Instead, the EHR or Pharmacy Management System automatically initiates a patient query, validates the provider’s credentials in the MAPS and returns the patient’s prescription record directly within the provider’s EHR or Pharmacy Management System.

What is the integration process?
1. Complete the Integration Request Form
   a. Please ensure that you identify a primary contact (the person leading the project within your organization) as well as a contact for your software vendor.

2. Review, sign, and return the Terms and Conditions.

3. Wait for your request to be approved for integration by LARA.

4. An Appriss Project Manager will contact you to confirm the details within your Integration Request Form and to discuss next steps.

5. Many EHR vendors have completed the integration development work to deliver PDMP data within the clinical workflow. If your EHR vendor has completed this step, the following process will be initiated.
   a. Appriss creates production credentials for your Healthcare Entity (HCE).
      i. This process should take 2-3 business days
   b. Once created, LARA will need to approve the request for credentials.
      i. You should receive an automated email once LARA has approved the request for credentials.
   c. Credentials will then be sent to your EHR vendor to start the process on their end.
      i. Appriss recommends you contact your EHR vendor to let them know you have submitted a request to be integrated under the statewide integration project.
   d. Your EHR vendor will reach out to you to start the testing process.
   e. You will work your EHR vendor to ensure all prescriber roles are mapped correctly to the appropriate Gateway role and all prescribers have active MAPS accounts.
f. Once complete, you will work with your EHR vendor to determine the final roll-out schedule.

6. If your EHR vendor has not completed the necessary integration development:
   a. An Appriss Project Manager (PM) will reach out to the point of contact as listed on your integration request form and schedule a meeting with:
      o Appriss PM
      o Appriss technical resource
      o HCE Point of Contact
      o EHR Vendor
   b. Appriss will provide the EHR vendor with API documentation (http://appriss-operations.github.io/pmp_gateway_docs/v5/) as well as the PDMP Integration and Implementation Guide. *Note: Depending on the engagement level of the vendor or existing project backlog, this process can take up to several months.*
   c. Appriss will provide testing instructions and test patients to the EHR vendor and will provide technical support as needed.
   d. You will work your EHR vendor to ensure all prescriber roles are mapped correctly to the appropriate Gateway role and all prescribers have active MAPS accounts.
   e. Before moving any clients to production, Appriss requests that the EHR vendor demo the PMP Gateway integration with their product(s) so that they may provide any additional recommendations or changes. This demo will also include representatives from LARA.
   f. Once the integration has been approved by Appriss and LARA, your EHR vendor will set a Production date and you will work with your EHR vendor on the roll-out.

**Clinical workflow**

When determining where in the clinical workflow the EHR will query the MAPS system, it is important to note that there are key functional differences between the MAPS web portal and EHR integration. The goal for integration is to provide the key data elements to providers in a streamlined workflow.

EHR integration removes the need for a user to:

1. Exit the EMR and go to https://michigan.pmpaware.net/login
2. Enter username & password
3. Navigate to a patient request
4. Enter a patient’s first name, last name, and date of birth
5. Determine the date range to search
6. Select which states to query
7. Click ‘search’

Instead, the integration allows the above detail to perform an automated query to deliver a patient report. MAPS integration is focused on delivering a streamlined workflow for providers to access a patient report.
This program requires that all providers keep an active user license with the MAPS web portal to ensure access to additional functionality such as the following.

**MAPS functionality not included in EHR integration:**

1. Delegate access to conduct MAPS searches
2. Partial name search
3. Searches that return multiple records
4. MyRx
5. Search history (including delegate search history)
6. Bulk patient search
7. Delegate management
8. User profile
9. All interstate data sharing options
10. Announcements
11. Password reset (every 90 days)
12. Patient alerts
13. Prescriber trend notifications

There are a few scenarios where EHR users will encounter a “disallowed message” from the PMP Gateway and users will have to complete the search via the MAPS web portal. These scenarios are:

- When multiple patients meet the search criteria;
- If the user does not have an active account in MAPS.

**Role mapping**

When the EHR sends a query to MAPS, there are a few key data elements about the requesting provider included in that query. In addition to the facility identifiers, the query will include the provider’s credentials: DEA, NPI, or Professional License Number and type (vary by role). MAPS then validates that the provider requesting the data has an active account within MAPS.

Delegates, both unlicensed and licensed, are not able to access MAPS data via EHR integration. Instead, delegates will continue to access MAPS via the web application.

Each HCE will need to map their EHR roles to the PMP Gateway and MAPS roles. The complete list of roles and the associated credential that is passed with each request is listed below. The crosswalk below is to help clarify that some MAPS users will not be able to have access via the EMR. If someone is improperly registered within MAPS, there should be no impact provided the appropriate credentials are passed.

When accessing MAPS using PMP Gateway, your EHR or pharmacy management system will pull one of the following identifiers into the PMP Gateway request: DEA #, NPI # and/or Professional license #. The number populated in the request to identify the requestor must also match one of those three identifiers registered within MAPS. **Please note:** If your EHR is sending Professional license # in the request, then license type must also be provided. Both the Professional license # and type must match exactly to what
is listed in the MAPS user profile. Dashes, leading zeroes or spaces will not be stripped out during the matching process.

<table>
<thead>
<tr>
<th>PMP Gateway Role</th>
<th>MAPS Role</th>
<th>Credential passed with search request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physician (MD, DO)</td>
<td>Physician (MD, DO)</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td>Dentist</td>
<td>Dentist</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td>Nurse Practitioner</td>
<td>Nurse Practitioner/Clinical Nurse Specialist</td>
<td>Personal DEA # and/or NPI</td>
</tr>
<tr>
<td>Other Prescriber</td>
<td>Midwife with Prescriptive Authority</td>
<td>Personal DEA # and/or NPI</td>
</tr>
<tr>
<td>Physician Assistant with Prescriptive Authority</td>
<td>Physician Assistant</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td>Physician (MD, DO)</td>
<td>Podiatrist</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td>Pharmacist</td>
<td>Pharmacist</td>
<td>Professional License #</td>
</tr>
<tr>
<td>Pharmacist</td>
<td>Pharmacist in Charge</td>
<td>Professional License #</td>
</tr>
<tr>
<td>Pharmacist with Prescriptive Authority</td>
<td>No MAPS Role</td>
<td>No Integration Option</td>
</tr>
<tr>
<td>Optometrist with prescriptive authority</td>
<td>Optometrist</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td>No PMP Gateway Role</td>
<td>Veterinarian</td>
<td>No Integration Option</td>
</tr>
<tr>
<td>Physician (MD, DO)</td>
<td>IHS Prescriber</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td>No PMP Gateway Role</td>
<td>IHS Dispenser</td>
<td>No Integration Option</td>
</tr>
<tr>
<td>Physician (MD, DO)</td>
<td>VA Prescriber</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
</tbody>
</table>
Michigan Department of Licensing and Regulatory Affairs  
Prescription Drug Monitoring Program  
MAPS Electronic Health Record (EHR) Integration  
Welcome Packet

<table>
<thead>
<tr>
<th>No PMP Gateway Role</th>
<th>VA Dispenser</th>
<th>No Integration Option</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physician (MD, DO)</strong></td>
<td>Dispensing Physician</td>
<td>Personal DEA #, NPI, and/or Professional License</td>
</tr>
<tr>
<td><strong>Psychologist with Prescriptive Authority</strong></td>
<td>No MAPS Role</td>
<td>No Integration Option</td>
</tr>
<tr>
<td><strong>Naturopathic Physician with Prescriptive Authority</strong></td>
<td>No MAPS Role</td>
<td>No Integration Option</td>
</tr>
<tr>
<td><strong>Medical Resident with Prescriptive Authority</strong></td>
<td>Medical Resident</td>
<td>NPI and/or Professional License</td>
</tr>
<tr>
<td><strong>Medical Intern with Prescriptive Authority</strong></td>
<td>No MAPS Role</td>
<td>No integration option</td>
</tr>
<tr>
<td><strong>Medical Resident with No Independent Prescriptive Authority</strong></td>
<td>No MAPS Role</td>
<td>No Integration Option</td>
</tr>
<tr>
<td><strong>Medical Intern with No Independent Prescriptive Authority</strong></td>
<td>No MAPS Role</td>
<td>No Integration Option</td>
</tr>
<tr>
<td><strong>Not applicable</strong></td>
<td>Any delegate role</td>
<td>No integration option</td>
</tr>
</tbody>
</table>

**System issues**

If users are experiencing an issue when attempting to access MAPS data via the EMR, please first contact your internal IT helpdesk for assistance. Please note: Appriss does not control any aspect of your EMR/EHR or Pharmacy Management System. Any issues related to your EMR/EHR vendor’s application should be directed to your EMR/EHR vendor contact.

If it is determined that the PMP Gateway service is non-operational, please submit a support request form to Appriss. This will create a service ticket with the Appriss helpdesk to troubleshoot the issue. You can access the form here. Please allow up to 24 hours for Appriss to acknowledge your issue.

In the event there is a disruption in the PMP Gateway integration service, providers should login to the MAPS portal to request patient reports.
Relevant Hyperlinks

MAPS Website

MAPS web application

Appriss