



Massachusetts Department of Public Health

Prescription Monitoring Program

Discussion Document; Summer 2016

MA DPH has selected Appriss as the vendor for the new PMP solution. The Appriss solution provides both a new data collection tool (PMP Clearinghouse) and a new online PMP tool (Massachusetts Prescription Awareness Tool (MassPAT)). This document highlights what stakeholders need to know for the implementation of the new system. For more information, please visit: www.mass.gov/dph/dcp/pmp

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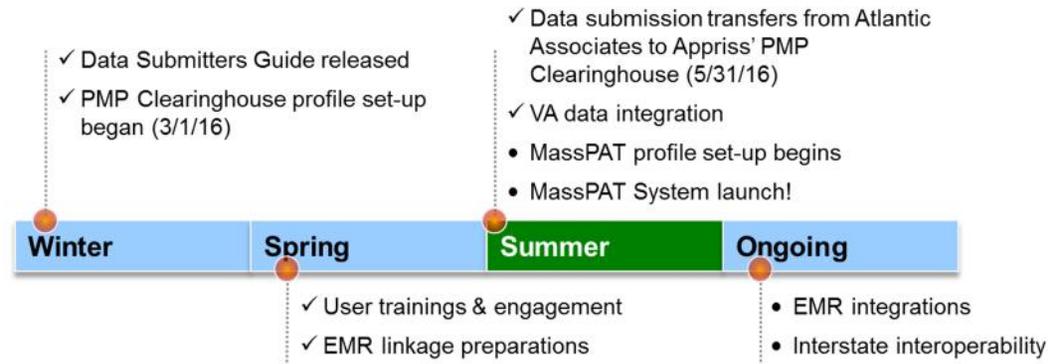


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Implementation Timeline



Winter

- ✓ Dispensation Guide released
- ✓ PMP Clearinghouse profile set-up began 3/1/16

Spring

- ✓ User trainings & engagement
- ✓ EMR linkage preparations
- ✓ PMP Clearinghouse Testing (5/1/16 – 5/27/16)

Summer

- ✓ Data submission transfers from Atlantic Associates to Appriss' PMP Clearinghouse (5/31/16)
- ✓ VA data integration
- MassPAT profile set-up begins
- MassPAT system launch!

Ongoing

- EMR integrations
- Interstate interoperability



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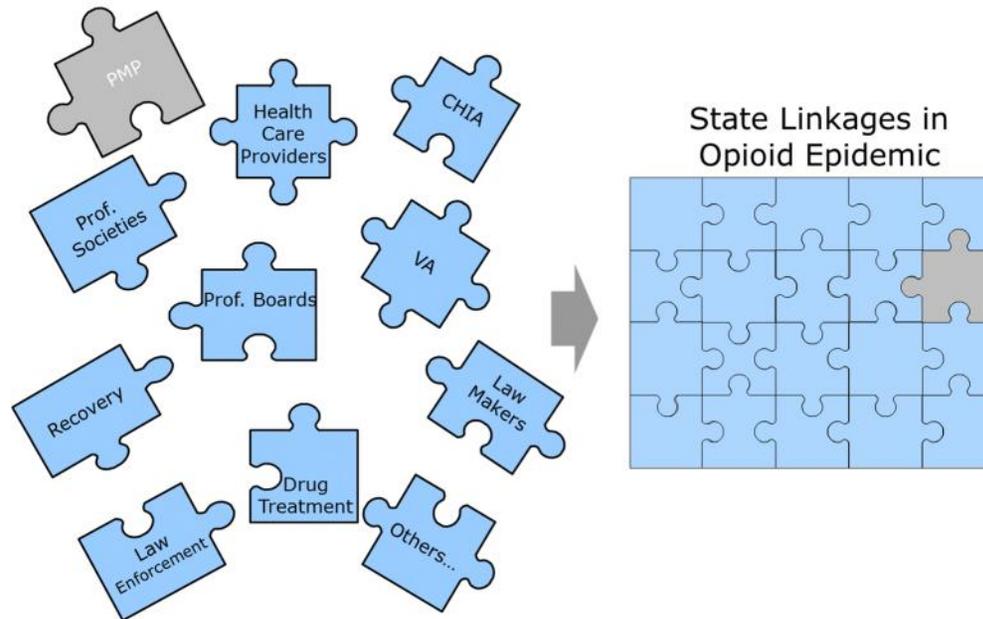
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PMP is a Component in the Larger Opioid Effort

The PMP is just one piece of the puzzle to address the Opioid Epidemic in MA. We've highlighted here some key partners in the effort to end the epidemic including the U.S. Dept of Veterans Affairs, professional societies and boards, law enforcement, and legislators.

PMP is a component in the larger opioid effort





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Massachusetts Vision Elements for MassPAT

Improved User Access

EMR Integration

Updated Query Capability

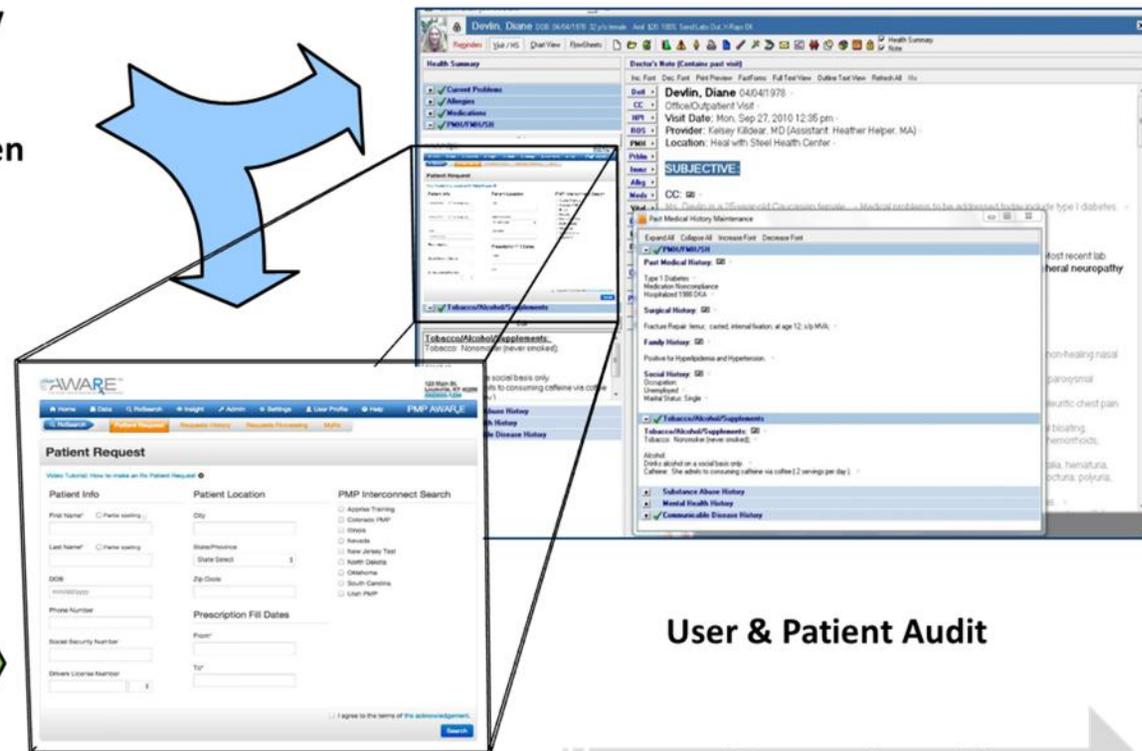
Stakeholder-driven Improvements

Simplified Delegate Enrollment & Usage

24 hour Data



Improved Data Accuracy



Multi-state Info

Improved Connection with Resources & Programs



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The **PMP vision elements** have been informed by numerous meetings with stakeholders and recommendations from the Opioid Task Force. What we heard time and time again is that people want to use the data, but the way in which it's currently accessed is far too cumbersome. We were able to incorporate the stakeholders' requests into requirements for the RFR and we are proud to find that most of the requirements have made it into the contract with Appriss. Some key elements of the MassPAT system include: **streamlined log-in and accessibility, delegate enrollment and use, EMR integration, and multi-state data.**

The system will no longer be housed in the Virtual Gateway, instead MassPAT is a Software as a Solution (SaaS). Overall **MassPAT usability is much improved** and far more intuitive than the current solution.

Additionally, the delegate solution is simplified. Delegates no longer need a notarized paper application, **instead a delegate only needs the email address of their primary account holder (supervisor with PMP access).** All delegates register with their professional email as the username, creates a password and then enters the email address(es) of the primary account holder(s) with which they would like to be linked. The primary account holder then receives a notification to both their user dashboard and their email that a delegate has requested to link with them. Delegates and primary account holders can each have a many-to-many relationship. With this new solution, delegates only need one account to search on behalf of many primary account holders. Primary account holders can decide to de-link a delegate at any time, which would remove the linked relationship between the delegate and primary account holder and restrict the delegate from conducting searches on their behalf.

Additionally, the **Appriss solution (MassPAT) allows for EMR integration**, which we learned from stakeholders is key to incorporating the PMP into the clinical work-flow. If you are interested in learning more about EMR integration, please email: mapmp.dph@state.ma.us

Finally, the Appriss solution allows for **easy access to out-of-state data.** On the next few pages you will see how an out-of-state search will work and which states MA will be able to search.



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MassPAT System Preview: Prescriber (MD) Enrollment

Simple username & password entry

Email

Password

Password Confirmation

Save and Continue

Create an Account

Registration Process Tutorial

Get Adobe Acrobat Reader

All fields with an asterisk (*) are required.

Personal

DEA Number(s) *

DEA Numbers Added

Professional License Number *

License Type *

ADM

Controlled Substance ID *

First Name *

Middle Name

Last Name *

Date of Birth *

Add a Healthcare Specialty *

Browse All

Search by keyword (e.g. Allergy, Internal, Sports, Clinical)

Designates Primary Specialty

Primary Contact Phone *

Submit Your Registration

Required entry of prescriber DEA#, BORIM# & MCSR#

Healthcare specialty drop-down menu

Enter FN & LN as it appears on professional license

Above is a demonstration screen shot of the MassPAT prescriber (MD) enrollment process. The MD will begin by entering their professional email address as their username and choosing a password. The email address that serves as the MD's username will be used by the PMP for communication purposes and to link with delegate(s), medical resident(s) and intern(s) account(s). The MD will then enter their Federal Drug Enforcement Administration (DEA) number(s), Professional License or Board Number (i.e. BORIM), and Massachusetts Controlled Substance



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Registration (MCSR) Number). Then the MD will enter their First and Last name as it appears on their professional license, date of birth, health care specialty (ies), and phone number.



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MassPAT System Preview: Patient Search

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Home | RxSearch | User Profile | Help | Log Out | PMP AwarxE

RxSearch | Patient Request | Bulk Patient Search | Requests History | MyRx | Patient Alerts

Patient Request

[Patient Rx Request Tutorial](#) | [Get Adobe Acrobat Reader](#)

Patient Info	Patient Location	PMP Interconnect Search
First Name* <input type="checkbox"/> Partial spelling <input type="text"/>	City <input type="text"/>	<input type="checkbox"/> Kansas
Last Name* <input type="checkbox"/> Partial spelling <input type="text"/>	State/Province State Select	<input type="checkbox"/> KY PMP
DOB* <input type="text" value="mm/dd/yyyy"/>	Zip Code <input type="text"/>	<input type="checkbox"/> Utah PMP
Phone Number <input type="text"/>	Prescription Fill Dates	<input type="checkbox"/> Wisconsin
	From* No earlier than 1 year from today <input type="text" value="06/21/2015"/>	
	To* <input type="text" value="06/21/2016"/>	

Wildcard search via partial spelling

DOB always required

Can select other states to search

Can conduct searches within past year

Demonstration



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Above is a demonstration screen shot of a patient search in MassPAT. Users will conduct a search by entering a patient's first and last name, with the option of doing a partial name search. To successfully conduct a patient search, users must always enter the patient's date of birth. Users will also be able to search out of state data by selecting the state(s) on the right side of the screen. For more information on out-of-state data, please see the section: [MassPAT will have the Capability to Connect with up to 45 States](#)



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MassPAT System Preview: Patient Report

Can export report

▼ **Holly Gaines** Date Range: 05/10/2015-05/10/2016

Drop down view of all patient name variations →

Linked Records

Name	DOB	ID	Gender	Address
HOLLIE GAINES	1989-09-29	1	female	16 KILBURN ST CLINTON MA 01510
HOLLY CHRISTINA GAINES	1989-09-29	2	female	16 KILBURN ST CLINTON MA 01510
HOLLY GAINES	1989-09-29	5	female	321 TUCKERMAN STREET CLINTON MA 01510
HOLLY GAINES	1989-09-29	4	female	320 TUCKERMAN ST CLINTON MA 01510
HOLLY GAINES	1989-09-19	3	female	320 TUCKERMAN ST CLINTON MA 01510

Clustering logic →

Search Criteria

First Name: Holly Last Name: Gaines DOB: 1989-09-29 → Displays search criteria

Patient summary information →

Summary Prescriptions: 25 Prescribers: 16 Pharmacies: 5 Private Pay: 10 Active Morphine MME: 1185.0

▼ **Prescriptions**

Filled	ID	Written	Drug	QTY	Days	Prescriber	Rx #	Pharmacy*	Refills	MME	Pyrrt Type	PMP
04/23/2016	4	12/18/2015	XANAX 2 MG TABLET	30.0	30	VI JAR	394066	BIG Y (7922)	5	-	Private Pay	MA
04/20/2016	4	04/20/2016	Compounded Drug Product		60	DA GET	2491751	BIG Y (7922)	0	-	Comm Ins	MA
04/15/2016	5	04/15/2016	HYDROCODON-ACETAMINOPH 7.5-325	30.0	30	JE SID	009918	WALGR (7904)	0	135.0	Comm Ins	MA
04/14/2016	2	04/09/2016	ALPRAZOLAM 0.5 MG TABLET	90.0	90	AN DRA	42714	CVS P (4776)	1	-	Private Pay	MA
04/03/2016	5	04/03/2016	TRAMADOL-ACETAMINOPH 37.5-325	280.0	60	JO IZZ	0108851	WALGR (7904)	1	1050.0	Comm Ins	MA

Columns are sortable →

When searching with other state records →

Above is a demonstration screen shot of a patient report in the MassPAT system. The patient report has a strong patient matching algorithm as demonstrated in this example. The search criteria was for "Holly Gaines" born 1989-09-29. The MassPAT matched the search criteria with 5



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patient IDs with slightly varying name spelling, address, and date of births. The system assigns an ID Number to each patient ID and associated patient record (identified in the circled items above).

There are summary statistics for each patient (number of prescriptions, prescribers, pharmacies, private pay, and active morphine milligram equivalence). The patient report has 3 sections: prescriptions, prescribers, and dispensers. Within each section the columns are sortable. If the user has elected to search out-of-state data, the data appears within the same report.



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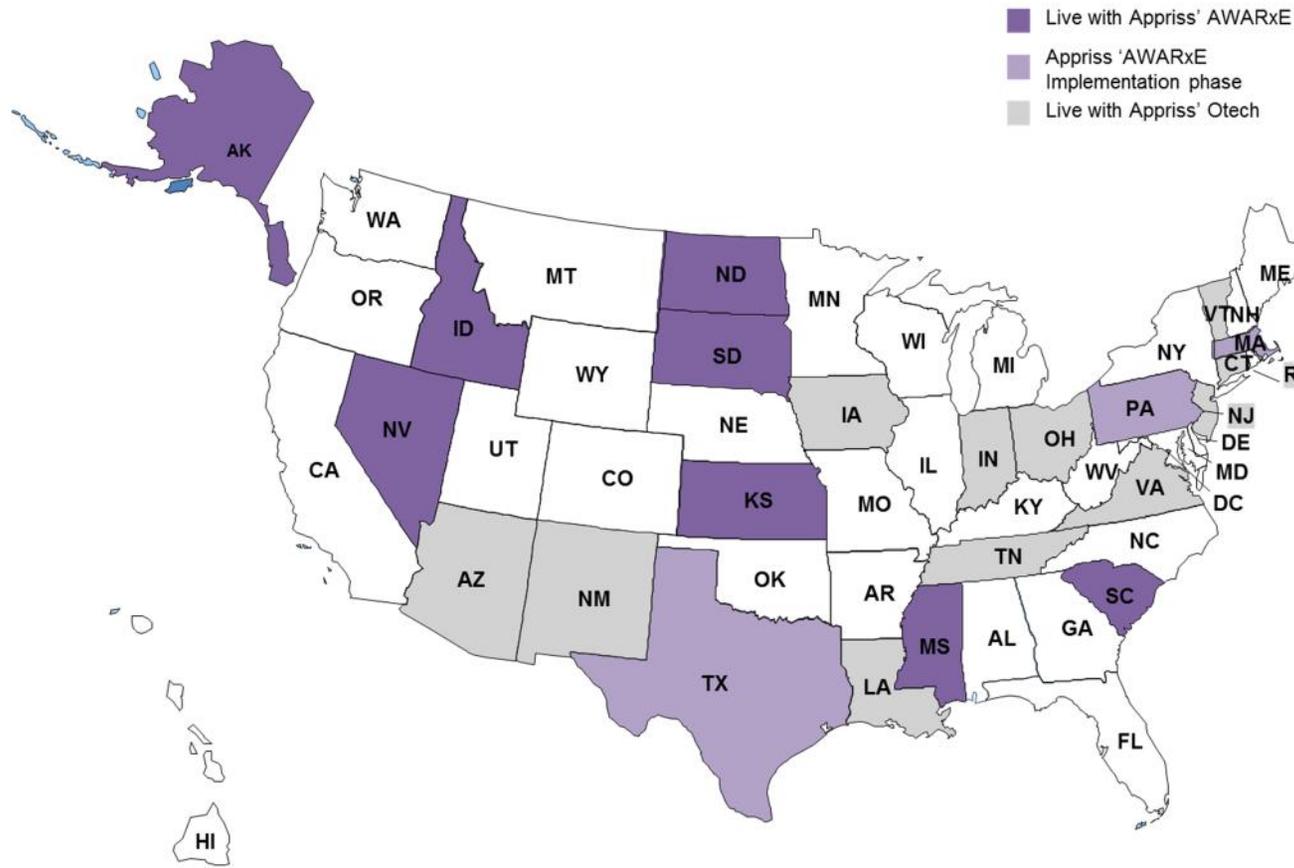
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Appriss Implementations

A question that we often hear is “in what other states has Appriss implemented a PMP?” This map indicates the states with Appriss PMP systems. Appriss has 2 systems: AWARe (MA purchased) and Otech. Appriss is slowly converting all of their Otech states to AWARe. There are 20 states with an Appriss solution and 3 states in the implementation phase.

Appriss Implementations





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Questions, comments?

Please send all questions and comments to mapmp.dph@state.ma.us

If you are interested in connecting your EMR directly to the PMP, please contact mapmp.dph@state.ma.us