

Ohio Department of Commerce & Board of Pharmacy  
Ohio Medical Marijuana Control Program

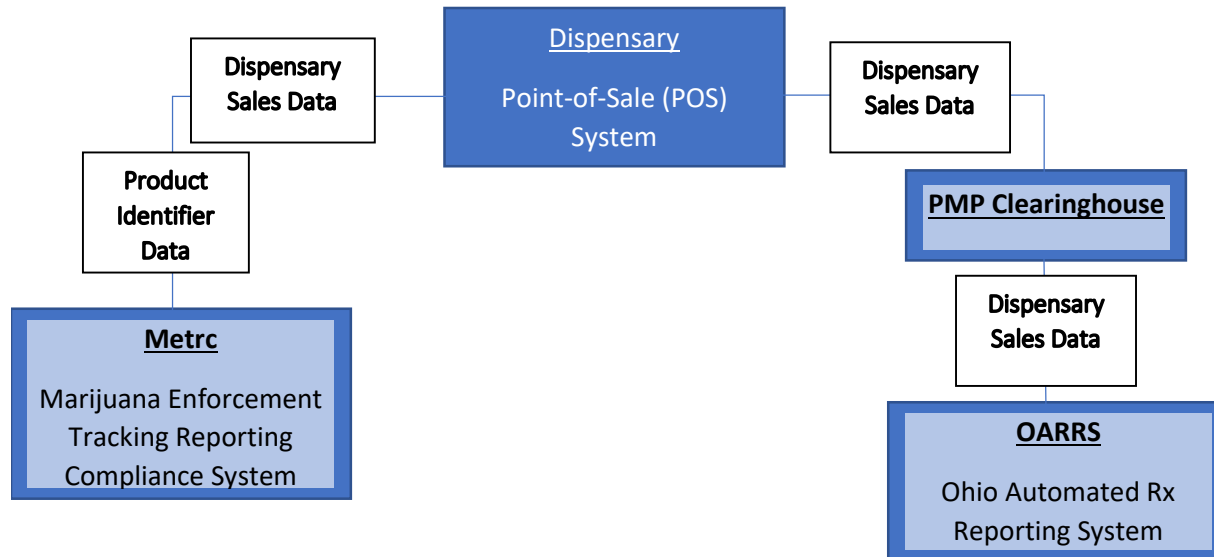
Point-of-Sale System Integration Requirements with  
Metrc and Appriss Health

July 27, 2018



# Agenda

- ▶ Welcome, thank you for attending
  - ▶ Meeting purpose



- ▶ Presenter introductions - Metrc and Appriss Health
- ▶ Q&A
  - ▶ Submit questions to [api-info@metrc.com](mailto:api-info@metrc.com) or via webinar
  - ▶ Answers will be posted to [www.metrc.com/ohio](http://www.metrc.com/ohio) , <https://medicalmarijuana.ohio.gov/dispensaries>





**metrc<sup>®</sup>**

# Ohio Metrc API Overview

# Agenda

- Introduction
- What is Metrc
- Integration Overview
- Authentication Process
  - Permissions
  - Server responses
- Next Steps

[www.metrc.com/ohio](http://www.metrc.com/ohio)



# What is Metrc?

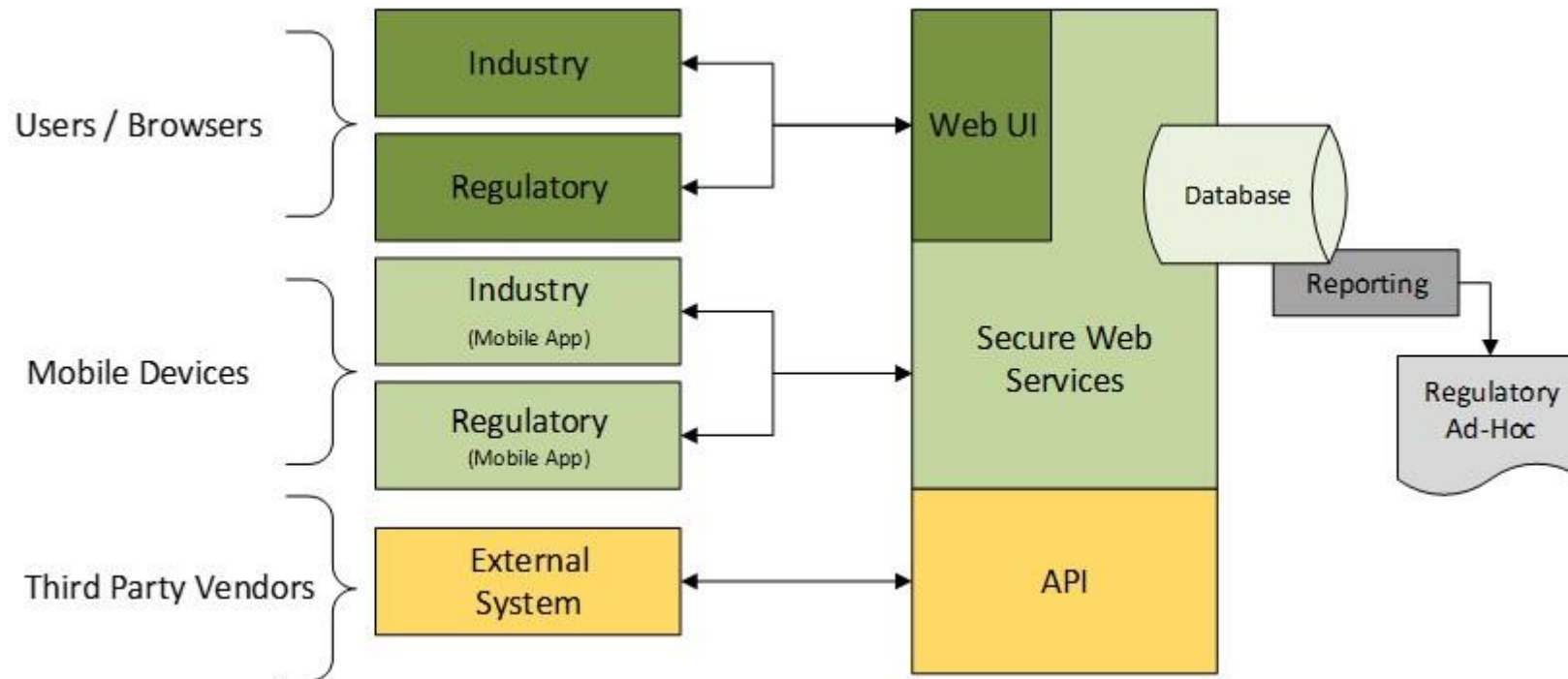
- Metrc™ is a compliance management solution used by regulatory bodies for the oversight of the marijuana industry.
- Metrc is a cloud hosted on-line software reporting system used by licensed marijuana businesses to manage and report supply chain activities as required by state rules.



# What Makes up Metrc

The system consists of:

- A web application
- Web services
- A mobile application for site inspection
- A mobile application for industry use



# Integration Overview

- Metrc provides a RESTful web service API. The API will support RESTful architectural constraints to ensure simplicity, reliability, communications visibility, portability, and modifiability.
- The API supports standard HTTP methods of get, put, post, and delete.
- The API provides notification to external system(s) of data transfer failures.
- Further details on the information covered will be available at :

<https://api-oh.metrc.com/documentation>





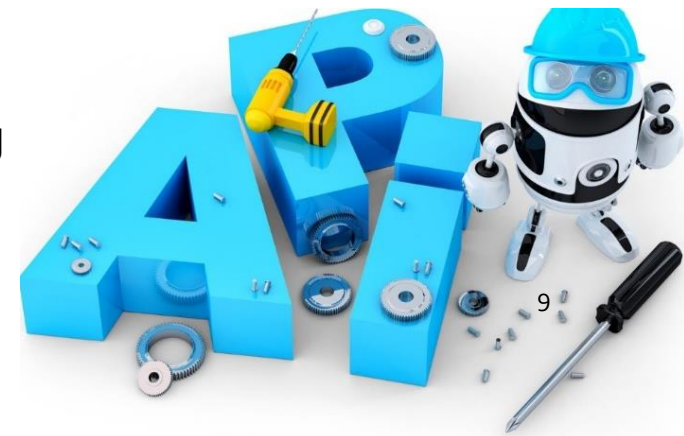
# Authentication Process

- The Web API requires two pieces of information to authenticate each request - the software vendor's API key and the user's API key
- Both authenticating API keys must be sent through the *Authorization* HTTP header using the basic access authentication method.
- Authorizations and permissions are solely dependent on the validated user's permissions.



# Server Responses

- There are currently seven different responses that can occur when using the API:
  - 200 OK – Server processed the request successfully
  - 400 Bad Request – An error occurred while executing request
  - 401 Unauthorized – Invalid or no authentication provided
  - 403 Forbidden – The authenticated user doesn't have access to the requested resource
  - 404 Not Found - The requested resource could not be found
  - 429 Too Many Requests - the limit of API calls allowed has been exceeded. Please pace the usage rate of the API more apart.
  - 500 Internal Server Error - An error has occurred while executing your request.



# Permissions in Metrc

- Metrc is designed to be a permission based system dependent on the configured facility type.
- Integrators will also have a permission based API Key dependent on the access they would like for their system.
- Permissions available for Integrators:
  - Admin (Rooms, Items, Strains)
  - Plant Batches
  - Plants
  - Harvests
  - Packages
  - Sales
  - Labs

	Cultivator I/II MMCPC	Processor MMCPP	Dispensary MMCPD	Lab MMCPL
Plants	√			
Packages	√	√	√	√
Transfers	√	√	√	√
Reports	√	√	√	√
Sales			√	

# POS Specific Requirements

- There will be two interface requirements for the State of Ohio's Point of Sale (POS) systems, these interfaces ensure both the sale and allowable dispensation amounts of the Medical Marijuana are appropriately captured
- Metrc will be responsible to provide the POS systems all "Product Identifiers" associated with a final product being sold to a patient
- Product ID's will be found within one of the "Packages" endpoint of the system.

POS-Metrc Interfaces			
Interface Name	Interface Purpose	Data Transfer Method, Frequency	Requirements Specification
Product Identifier	Product ID's created in Metrc are provided to POS	GET API GET/packages/v1/active  Frequency: Real-time	<a href="https://api-oh.metrc.com/documentation">https://api-oh.metrc.com/documentation</a>
Dispensary Sales	Dispensary package sales recorded in POS are provided to Metrc	POST API POST/sales/v1/receipts  Frequency: Real-time	<a href="https://api-oh.metrc.com/documentation">https://api-oh.metrc.com/documentation</a>

# Steps for API Key

1. Request API developers documents and complete the information requested and email to [api-info@metrc.com](mailto:api-info@metrc.com).
2. Attend a Metrc training class and complete the test.
3. Download, sign and return the Confidentiality and API Use Agreement to the Ohio Department of Commerce and the Ohio Board of Pharmacy. This can be found on [metrc.com/ohio](http://metrc.com/ohio)
4. Request API sandbox access. When you request access to the sandbox you must specify which areas of Metrc to which you will need access.
5. Complete Capability Assessment in the sandbox.



### Contact Information

**Support Desk**

877-556-6506

Api-info@metrc.com

**[www.metrc.com/ohio](http://www.metrc.com/ohio)**



# Introduction to Appriss Health

## Overview

### Appriss Health Overview

Appriss Health is the software vendor for Ohio's Prescription Monitoring Program, also referred to as OARRS.

Appriss Health has developed the Medical Marijuana Registry to assist the Ohio Board of Pharmacy with tracking patient and caregiver registration information, as well as medical marijuana dispensation data.



## Medical Marijuana Registry

Defined

### Medical Marijuana Registry Overview

The registry allows the Ohio Board of Pharmacy, Medical Marijuana Control Program to:

- Give access to physicians with a Certificate to Recommend to write recommendations for patients to receive medical marijuana
- Allow physicians and their delegates to register patients (and their caregivers) to receive medical marijuana recommendations and cards
- Register Medical Marijuana dispensary Employees with OARRS / Patient Registry
- Oversee the submission of Medical Marijuana dispensation data to OARRS / Patient Registry



## Medical Marijuana Registry

Submitting Data to OARRS /  
Patient Registry

### **Introduction to POS-PMP Clearinghouse Interface**

The Board of Pharmacy manages the collection of data for all controlled substance drugs that are required to be reported to Ohio's Prescription Monitoring Program, referred to as the Ohio Automated Rx Reporting System (OARRS).

Medical Marijuana dispensation data will now also be included in OARRS.

Medical marijuana dispensaries are required to report medical marijuana dispensations to the OARRS via PMP Clearinghouse, operated by Appriss Health.





## Medical Marijuana Registry

Submitting Data to OARRS /  
Patient Registry

### Introduction to POS-PMP Clearinghouse Interface

Dispensaries with a provisional license must obtain POS software that is capable of reporting to the PMP Clearinghouse in near real-time using the American Society for Automation in Pharmacy (ASAP) 4.2 format.

To meet this requirement, the POS vendor must join ASAP. A compliant POS system must be obtained before a Certificate of Operation is issued.

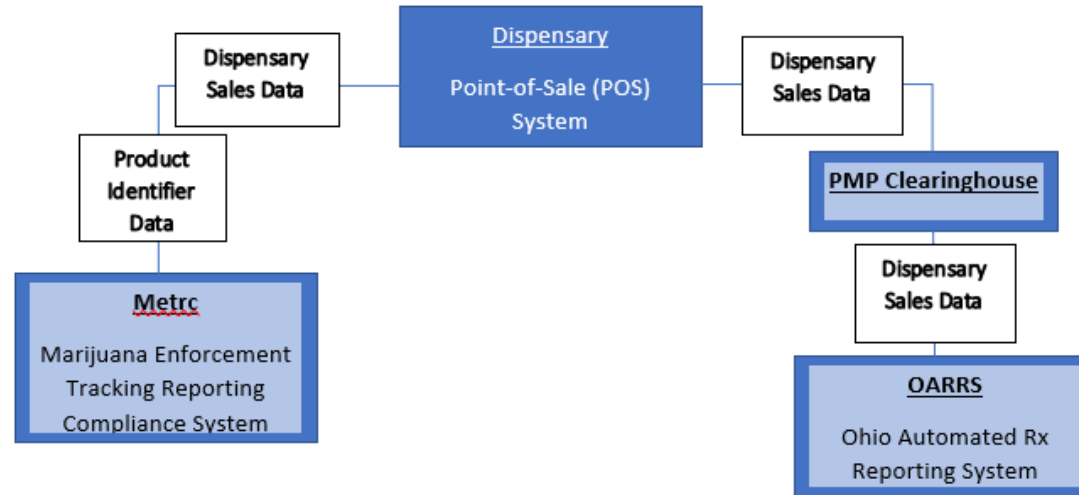
Upon receiving a Certificate of Operation, dispensaries are required to transmit their data in ASAP format to PMP Clearinghouse.

PMP Clearinghouse cleanses and validates the data, then transfers the data to OARRS.

Refer to the Board of Pharmacy Dispensary Data Submission Guide for data submission details. The Dispensary Data Submission Guide is available at <https://medicalmarijuana.ohio.gov/dispensaries>.

## Submitting Data to OARRS / Patient Registry

Figure 1. Dispensary Point-of-Sale system interfaces



## Medical Marijuana Registry

Submitting Data to OARRS /  
Patient Registry



## Submitting Data to OARRS / Patient Registry

Prior to submitting data to PMP Clearinghouse, you must create an account.

To request a data submitter account for the Medical Marijuana Patient Registry, the user must go to <https://pmpclearinghouse.net> and click the Create Account link in the center of the screen or go directly to <https://pmpclearinghouse.net/registrations/new>.

## Medical Marijuana Registry

Submitting Data to OARRS / Patient Registry



## Medical Marijuana Registry

### Submitting Data to OARRS / Patient Registry

## Submitting Data to OARRS / Patient Registry

There are different options available to a user to submit reportable medical marijuana reporting data file(s) to PMP Clearinghouse.

Users have the options of:

- using a sFTP account;
- submitting a zero report.

Files should be in ASAP 4.2 format.

Files for upload should be named in a unique fashion, with a prefix constructed from the date (YYYYMMDD) and a suffix of “.dat”. An example file name would be “20110415.dat”.

All of your upload files will be kept separate from the files of others.

Reports for multiple dispensaries can be in the same upload file in any order.



## Medical Marijuana Registry

Submitting Data to OARRS / Patient Registry

### sFTP Data Submission

Secure FTP (sFTP) access is available for users who prefer an encrypted transfer method.

If the user would like to submit data via sFTP, sFTP access can be granted during account registration.

Check the “Enable sFTP Access” box as seen below. The sFTP username is automatically Generated using the first 5 characters of the employer name + the employer phone number + @prodpmppftp.

PMP Clearinghouse users are able to submit data through the web portal via manual entry or upload of ASAP files. Secure FTP (SFTP) access and Real-Time submissions are also available.

Enable SFTP Access

SFTP Username

SFTP Password

SFTP Password Confirmation

Password must include at least 8 characters, including 1 capital letter, 1 lowercase letter, and 1 special character (such as !,@,#,\$)

The URL to connect via sFTP is

sftp://sftp.pmpclearinghouse.net

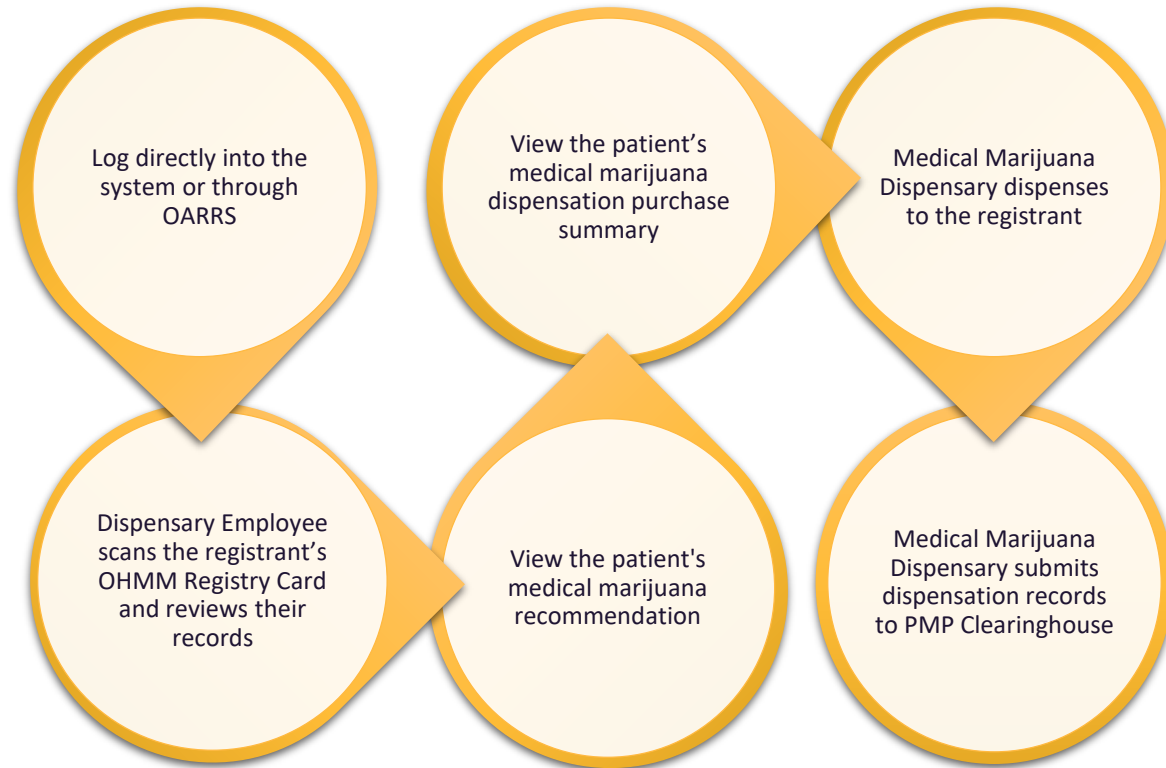
Once the OARRS Administrator has approved the request, the user will receive a welcome email and can begin submitting data to the Medical Marijuana Registry.

Zero Reports can also be submitted via sFTP using the ASAP Standard for Zero Reports.

## Medical Marijuana Dispensation

### Medical Marijuana Registry

Dispenser process





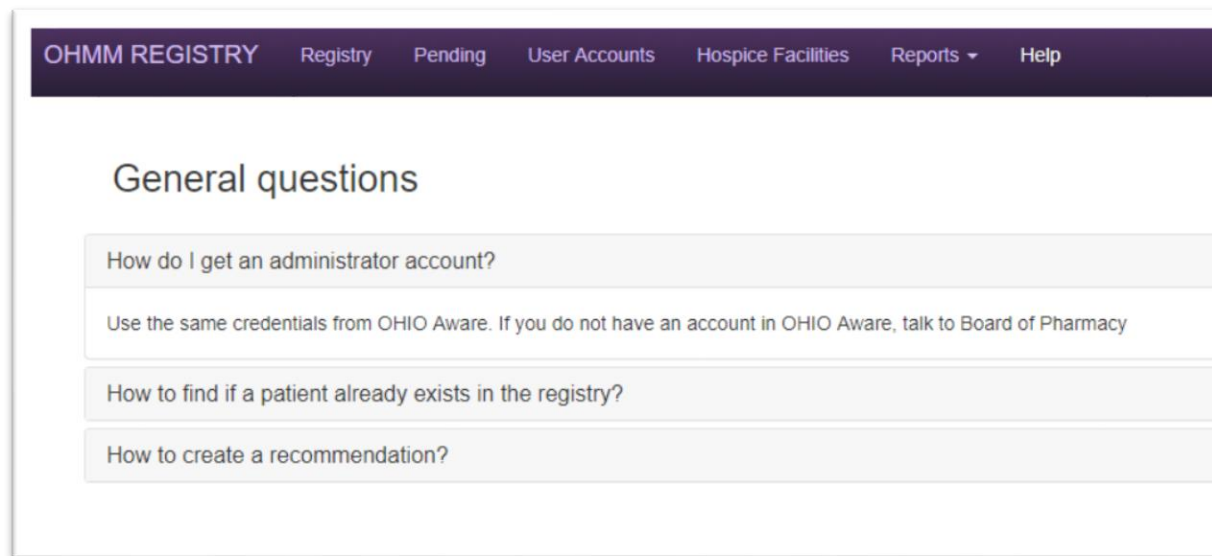
## Medical Marijuana Registry

Q & A

A Help page is available in the Menu on the OHMM Registry for all users.

Help contains Frequently Asked Questions and Answers relative to a user's role.

It is expected this page will be added to based on common questions received.



Questions?

# Thank you for attending

## ▶ Q&A

- ▶ Submit questions to [api-info@metrc.com](mailto:api-info@metrc.com) or via webinar
- ▶ Answers will be posted to [www.metrc.com/ohio](http://www.metrc.com/ohio) ,  
<https://medicalmarijuana.ohio.gov/dispensaries> and  
<https://medicalmarijuana.ohio.gov/seedtosale>

## ▶ Additional information is available at;

- ▶ <https://medicalmarijuana.ohio.gov/dispensaries>
  - ▶ Dispensary Point-of-Sale System Interface Requirements
  - ▶ Ohio Medical Marijuana Registry - Dispensary Data Submission Guide
- ▶ [www.metrc.com/ohio](http://www.metrc.com/ohio)

