



## Dispensary Point-of-Sale System Interface Requirements

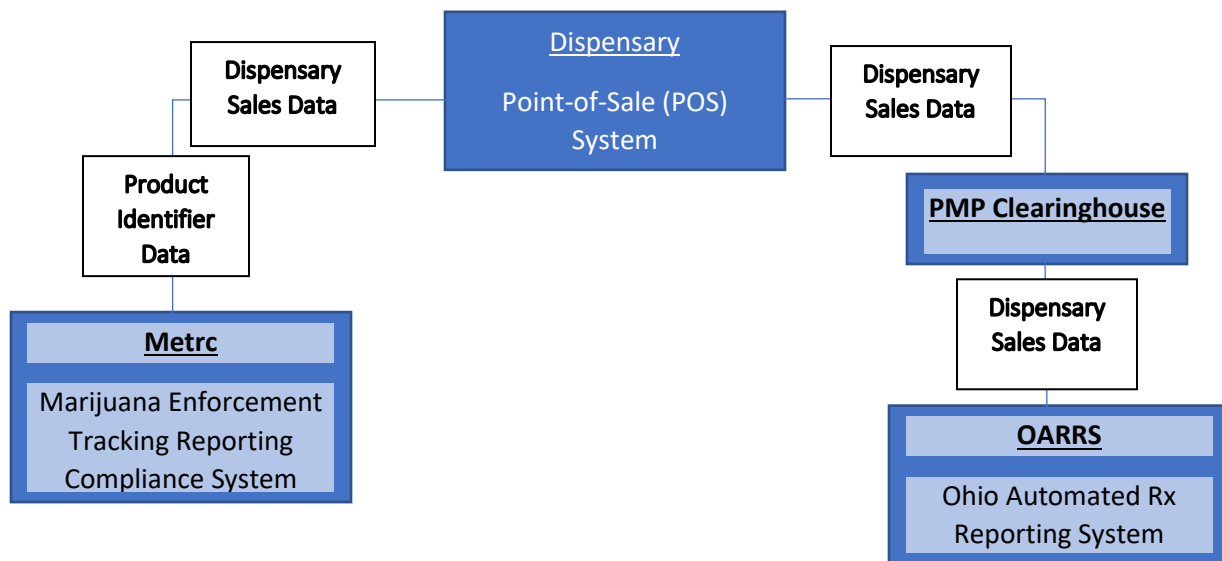
### Document Purpose

The purpose of this document is to introduce provisional dispensary licensees (PDLs) to the Ohio Medical Marijuana Control Program (MMCP) dispensary Point-of-Sale (POS) system interface requirements.

### Target Audience

This information is intended to assist PDLs and potential POS vendors in establishing an Ohio-compliant POS system.

Figure 1. Dispensary Point-of-Sale system interfaces



### Introduction

A dispensary Certificate of Operation requires implementation of a POS system which is interfaced with two Ohio MMCP systems as depicted in Figure 1. The two Ohio MMCP systems are;

- 1) Marijuana Enforcement Tracking Reporting Compliance (Metric); and
- 2) Prescription Monitoring Program (PMP) Clearinghouse.

**Introduction to POS-Metric Interfaces**

As an MMCP agency, the Department of Commerce is tasked with oversight of medical marijuana cultivators, testing labs, and processors, including the licensing of those entities. One of the MMCP IT elements is the compliance and tracking system known as the Metric system. Metric is used by both the State (Department of Commerce and the Board of Pharmacy) and industry licensees (cultivators, processors, testing labs, and dispensaries) for end-to-end compliance and tracking.

The web-based software application Metric uses an Application Programming Interface (API) to allow Third Party Vendor (TPV) software, such as a POS system, to interact directly with Metric. The API can “Get” or pull information from Metric into the Point-of-Sale system. The API can also “Post” or put information directly from the POS system into Metric. The Metric API requires two API Keys, one from the dispensary licensee and one from the TPV in order to work. The keys create the communication protocols necessary for the two software applications to work together securely.

A TPV’s use of the Metric API service requires two primary steps:

1. All TPVs must complete a state vendor agreement. The Ohio TPV API agreement is available at <https://www.metric.com/ohio> and <https://medicalmarijuana.ohio.gov/seedtosale> .
2. All TPVs must complete the Metric API Validation process. There are four parts to the validation process; application, training, testing, and credentialing. Additional information on the Metric API validation process is available at <https://www.metric.com/ohio>.

Figure 2. POS-Metric interfaces

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

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

As part of its role as an MMCP agency, the State of Ohio Board of Pharmacy is tasked with oversight of medical marijuana dispensaries, including the licensing of those entities. One of the MMCP elements intended to ensure a patient-centered and safe program is the incorporation of Ohio’s Prescription Monitoring Program (PMP). Ohio’s PMP is referred to as the Ohio Automated Rx Reporting System (OARRS). The Board of Pharmacy manages the collection of data for all drugs, including medical marijuana, that are required to be reported to OARRS. Medical marijuana dispensaries are required to report medical marijuana dispensations to the Ohio PMP via PMP Clearinghouse, operated by Appriss Health.

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>.

Figure 3. POS-PMP Clearinghouse interface

<b>POS-PMP Clearinghouse (Clearinghouse linked to OARRS)</b>			
<b><u>Interface Name</u></b>	<b><u>Interface Purpose</u></b>	<b><u>Data Transfer Method, Frequency</u></b>	<b><u>Requirements Specification</u></b>
Dispensary Sales	Dispensary package sales recorded in POS are provided to PMP Clearinghouse	Secure FTP Sftp://sftp.pmpclearinghouse.net  Frequency: At least once daily; AND within five minutes of each dispensation	Board of Pharmacy – Dispensary Data Submission Guide