



**pennsylvania**

DEPARTMENT OF HEALTH  
PRESCRIPTION DRUG MONITORING PROGRAM



# **Implementation Guide for Real Time Prescription Submission**

NCPDP Real-Time Adapter

Version 2.0.1

# Contents

- 1. INTRODUCTION ..... 4**
  - 1.1 DOCUMENT OVERVIEW ..... 4
  - 1.2 REVISION HISTORY ..... 4
- 2. DOCUMENT INFORMATION..... 5**
  - 2.1 COPYRIGHT AND TRADEMARKS..... 5
  - 2.2 DISCLAIMER ..... 5
  - 2.3 TECHNICAL ASSISTANCE ..... 5
  - 2.4 ADMINISTRATIVE ASSISTANCE ..... 5
- 3. ENDPOINTS ..... 6**
  - 3.1 TESTING ENVIRONMENT: ..... 6
- 4. ONBOARDING STEPS ..... 7**
- 5. REAL-TIME SERVICE CREDENTIAL SETUP ..... 8**
  - 5.1 NAVIGATE TO REAL-TIME SECURITY CONFIGURATION PAGE ..... 8
  - 5.2 ENABLE REAL-TIME SERVICE CONFIGURATION KEYS ..... 8
  - 5.3 UPDATING CONFIGURATION ..... 10
- 6. SECURITY REQUIREMENTS..... 13**
  - 6.1 ACCESS-KEY, SECRET KEY, SOURCE ID, AND OTHER HTTP HEADERS ..... 13
- 7. PRESCRIPTION VALIDATION REQUIREMENTS ..... 15**
- 8. XML DATA – SUCCESS CASE..... 16**
  - 8.1 SAMPLE REFILL REQUEST XML DATA ..... 16
  - 8.2 SAMPLE CANCELRX REQUEST XML DATA: SUCCESS CASE ..... 19
  - 8.3 SAMPLE RESPONSE XML DATA – SUCCESS CASE ..... 23
  - 8.4 SAMPLE RESPONSE XML DATA – ERROR CASE ..... 23
  - 8.5 SAMPLE REQUEST DATA FOR ZERO REPORT SUBMISSIONS..... 24
- 9. REQUEST AND RESPONSE PARAMETERS..... 26**
  - 9.1 SCHEMA DOCUMENT ..... 26
  - 9.2 REQUEST PARAMETERS ..... 26
  - 9.3 RESPONSE PARAMETERS..... 31
  - 9.4 RESPONSE CODE DETAILS AND EXPLANATION ..... 33
- 10. REAL-TIME SUBMISSION DASHBOARD..... 34**

10.1 FILTERS ..... 34

10.2 SEARCHING DATA ..... 35

    10.2.1 Column Definitions ..... 36

    10.2.2 Actions ..... 37

10.3 COUNT SUMMARY ..... 40

10.4 EXPORT TABLE ..... 40

# 1. Introduction

## 1.1 Document Overview

This document describes the NCPDP adapter for Real-Time Prescription Submission for the Commonwealth of Pennsylvania. Users can find details regarding endpoints, security requirements, request parameters, response parameters, sample requests and response, and error messages.

## 1.2 Revision History

Version	Date	Changes
1.0.0	6/1/2023	Initial Version
1.0.1	6/21/2023	Commonwealth Approved Changes Made
2.0.0	6/22/2023	Added Elements
2.0.1	10/26/2023	Removed 2Way SSL requirements

## 2. Document Information

### 2.1 Copyright and Trademarks

Copyright © 2009-2023 LogiCoy Inc.

This document is intended for the sole use of potential clients, clients, and business partners of LogiCoy Inc. Neither this document nor any portion of the information contained herein may be duplicated or disclosed, whether by photocopying or other electronic or mechanical methods, without the written permission of LogiCoy.

LogiCoy PDMP Applications is the registered trademark and all other products referenced are the trademarks of their respective owners.

### 2.2 Disclaimer

LogiCoy has made every effort to ensure the accuracy of the information in this document at the time of printing; however, information may change without notice.

### 2.3 Technical Assistance

If you require technical support, please use the following contact information. Support is currently available 24/7:

**Phone:** 844-377-7367, select prompt “1”

**Email:** [papdmp@logicoy.com](mailto:papdmp@logicoy.com)

### 2.4 Administrative Assistance

If you have any non-technical questions regarding the Pennsylvania Prescription Drug Monitoring Program, or if you wish to contact the PDMP Administrator, please use the following contact information:

Office of Drug Surveillance and Misuse Prevention

625 Forster Street, 6<sup>th</sup> Floor

Harrisburg, PA 17120

**Phone:** 844-377-7367, select prompt “0”

**Email:** [ra-dh-pdmp@pa.gov](mailto:ra-dh-pdmp@pa.gov)

## 3. Endpoints

### 3.1 Testing Environment:

Please use the following endpoints for the testing and production environments.

**TEST URL for a NEW PRESCRIPTION:** [https://submission-rt-  
uat.logicoy.com/submissions/realtime/service/ncdp/rxfill](https://submission-rt-uat.logicoy.com/submissions/realtime/service/ncdp/rxfill)

**TEST URL for prescription CANCEL/DELETE:**

[https://submission-rt-  
uat.logicoy.com/submissions/realtime/service/ncdp/cancelrx](https://submission-rt-uat.logicoy.com/submissions/realtime/service/ncdp/cancelrx)

**PRODUCTION URL for a NEW PRESCRIPTION:**

[https://submission-rt.  
logicoy.com/submissions/realtime/service/ncdp/rxfill](https://submission-rt.logicoy.com/submissions/realtime/service/ncdp/rxfill)

**PRODUCTION URL for prescription CANCEL/DELETE:**

[https://submission-rt.  
logicoy.com/submissions/realtime/service/ncdp/cancelrx](https://submission-rt.logicoy.com/submissions/realtime/service/ncdp/cancelrx)

**HTTP Method:** POST

**Content Type:** application/xml

**Accept:** application/xml

**Note:** Please set security to **TLS1.2, TLS1.3**(make **TLS 1.1 or 1.0 unchecked**).

**Media/Content Type** should be **application/xml**.

**Accept HTTP header** must be passed with **application/xml**.

**HTTP Authorization** is set to **Bearer**.

## 4. Onboarding Steps

Please use the following steps to start the Real-Time Reporting onboarding process:

- The Vendor/Submitter should create an access key, secret key, and source ID to start development (see Section 5.1 - Navigate to Real-Time Security Configuration Page).
- After successful testing, the Vendor/Submitter can move to the PA PDMP System production environment.
  - <https://pdmp.health.pa.gov/PDMPSystemApp/>
  - If an account is needed, registration as a data submitter is required.
    - <https://pdmp.health.pa.gov/PDMPSystemApp/registerV2>
- The Vendor/Submitter should create an access key, secret key, and source ID to start development (see Section 5.1 - Navigate to Real-Time Security Configuration Page).
- The Vendor/Submitter may send any issues/concerns to [papdmp@logicoy.com](mailto:papdmp@logicoy.com).

## 5. Real-Time Service Credential Setup

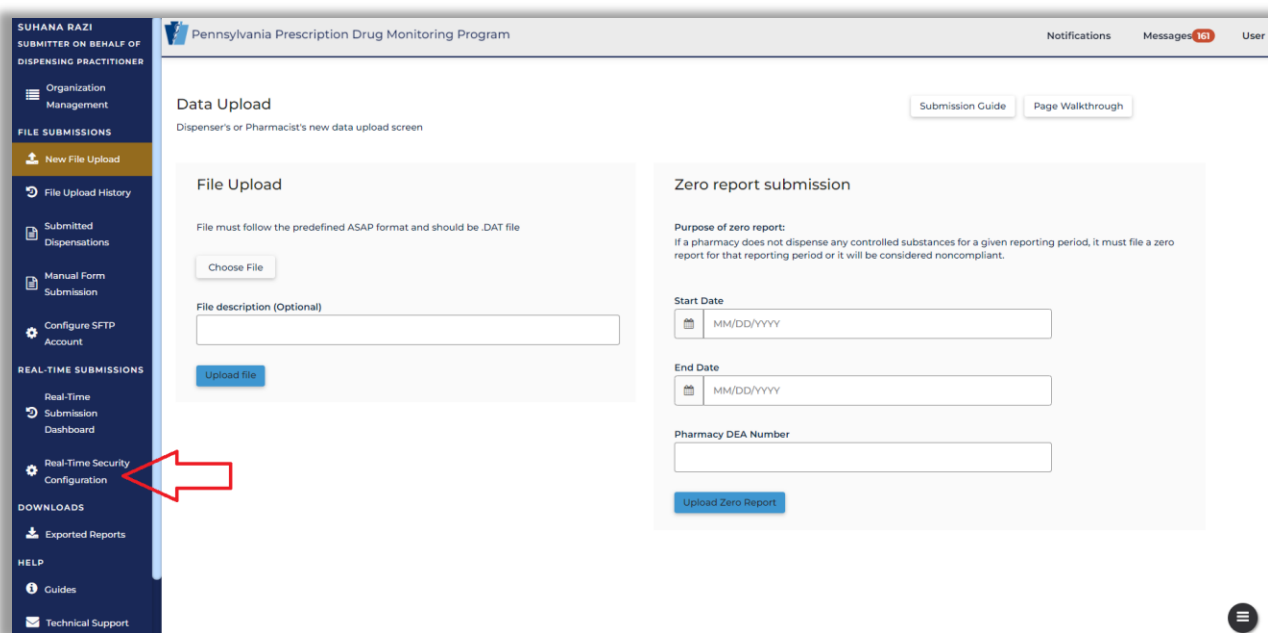
The following steps are required for the setup of the Real-Time Service. Test and production URLs are provided as hyperlinks.

**Test-Environment web portal URL:** <https://pmpcentral.logicoy.com/PDMPSystemApp>

**Production web portal URL:** <https://pdmp.health.pa.gov/PDMPSystemApp/>

### 5.1 Navigate to Real-Time Security Configuration Page

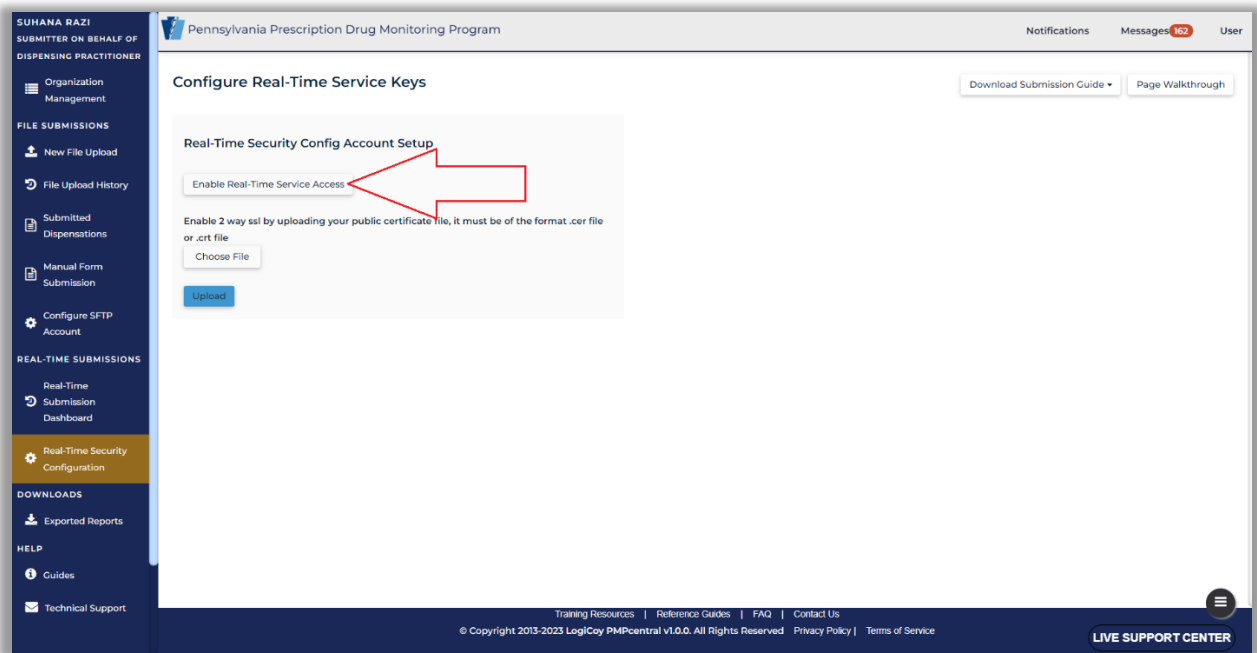
Go to the left sidebar and click on **Real-Time Security Configuration** to access the configuration page.



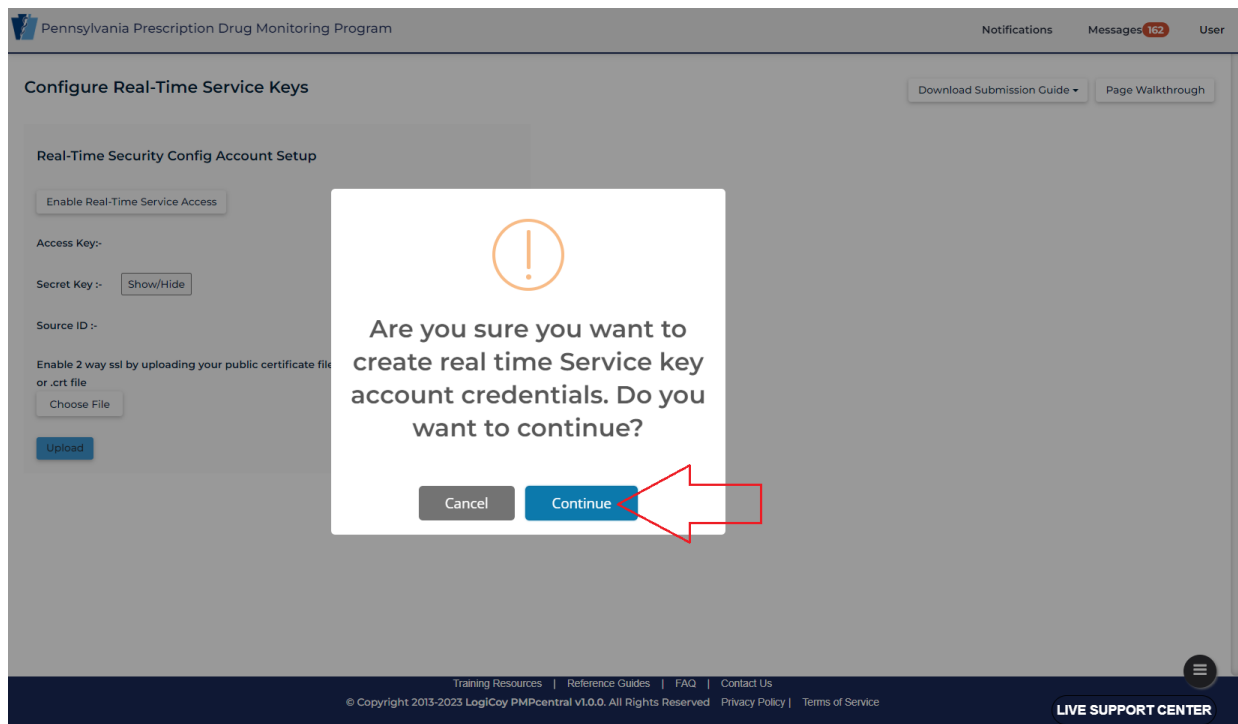
### 5.2 Enable Real-Time Service Configuration Keys

Once the **Real-Time Security Configuration** page is loaded, click on the **Enable Real-Time Service Access** button to enable the configuration.

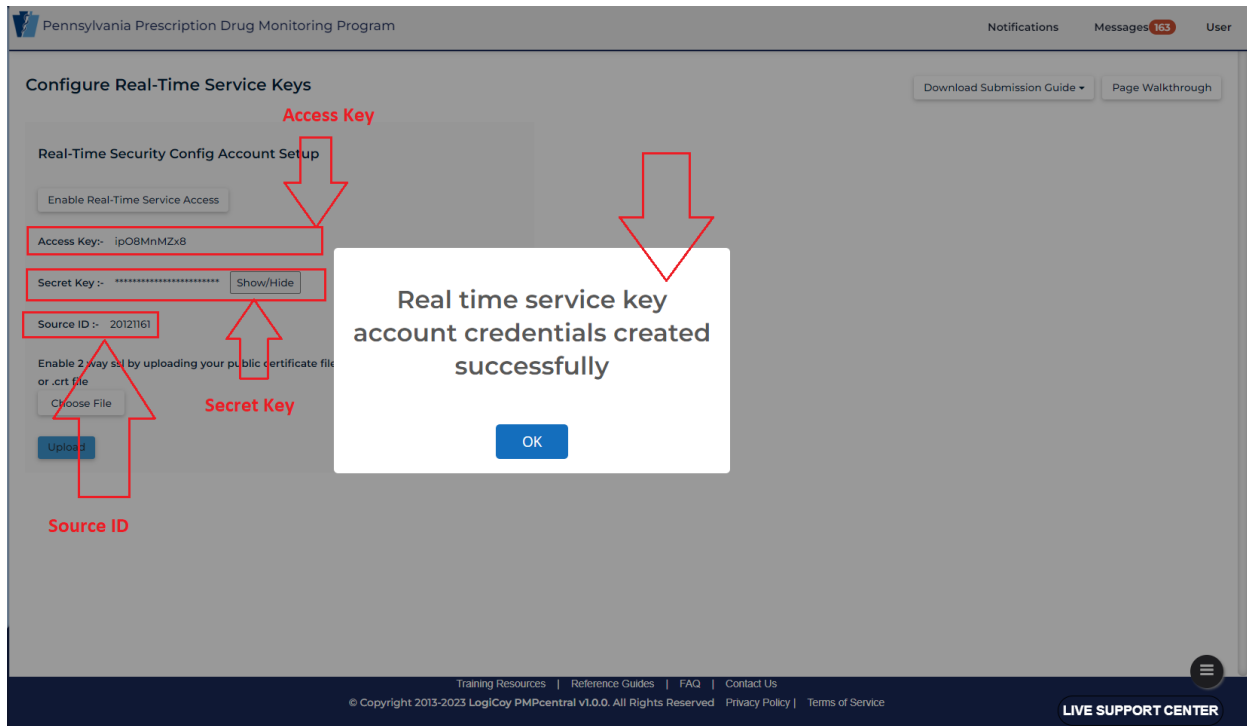




A confirmation pop-up window will appear. Click **Continue**. The system will then generate the Access Key, Secret Key, and Source ID.



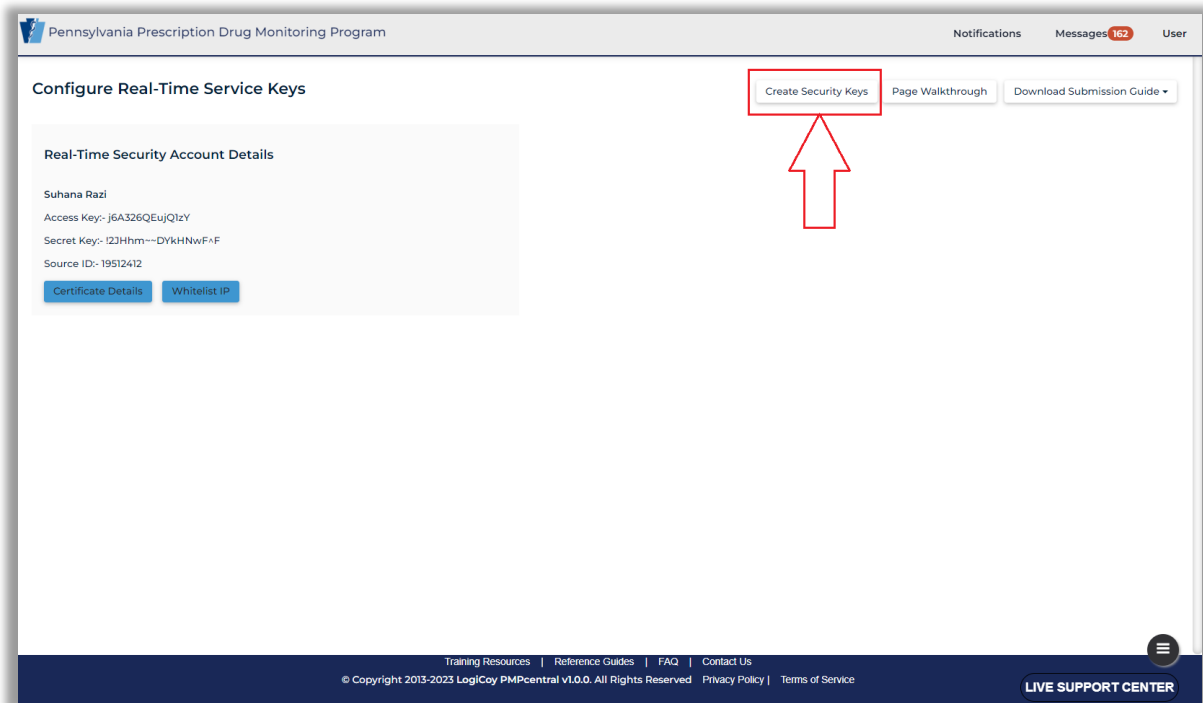
Next, the system will provide a message that the credentials have been created. Click **OK**.



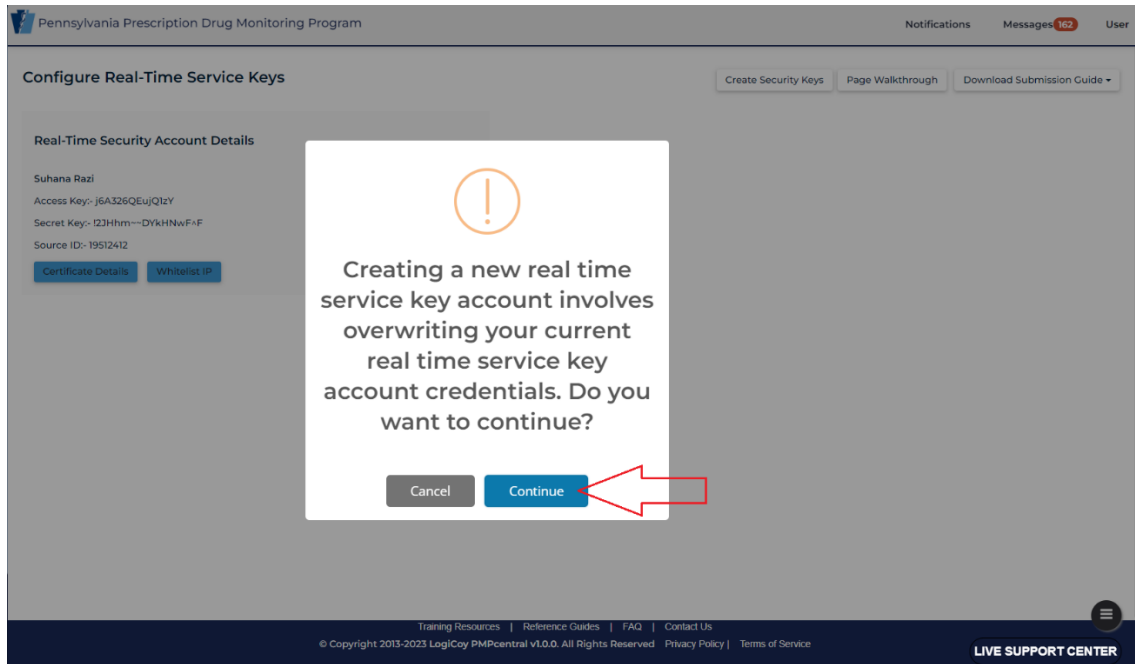
### 5.3 Updating Configuration

The following instructions are for updating an existing configuration.

Click on **Create Security Keys** button.



A confirmation pop-up window will appear. Click **Continue**.



## 6. Security Requirements

### 6.1 Access-Key, Secret Key, Source ID, and Other HTTP Headers

Every request must have the following HTTP headers at a minimum (BELOW IS AN EXAMPLE):

**Content-Type:** application/xml

**Access-key:** AdeDfTswDf

**Authorization:** Bearer

29686ee462138419088cd7626d74adca4a17feede67f058df79f1c2523464f0348c5685208c6ee477d64b352  
7ff940e1bf2fbc42b3690dcbe0ce13d690dcf87b

**Sourceid:** 1234

**Generate a SHA 512 Hash Online:** <https://sha512.online/>

#### Example:

**Note:** Authorization header token value is generated with SHA-512 hashed encrypted string of Access-

**Key: Secret-Key: Sourceid**

**Access Key:** DfsEFgHuERvB

**Secret Key:** 2a\$10#pGUlCA

**Sourceid:** 12345

**Hashing should be applied in Access-Key: Secret-Key: Sourceid –**

DfsEFgHuERvB:2a\$10#pGUlCA:12345

#### **SHA-512 OUTPUT:**

cef972d3114126a5999d0ae392e9bd4e06390350a38ab8324e0aa04e030d75d8ae725a267de91f4b53ba81a  
8a1c4a47a32934d8ca553fb11168b7f36f1d18896

**Note:** The client system will not send the secret key in the request data or in the http header.

The server will recalculate the hash value with the client's secret key and match it with the incoming hash value. If there is any difference, a 401 error will occur from the endpoint.

The Access Key, Secret Key, and Source ID will be shared by LogiCoy over email and in the web portal after successful verification.

Users can regenerate the keys anytime from the web portal.

## 7. Prescription Validation Requirements

With real-time endpoint adapters, each API request must have one pharmacy segment (PHA) and one patient segment (PAT). If two or more patient segments (PAT) or two or more pharmacy segments (PHA) are found in one request, the server will reject those transactions with a 400 error.

## 8. XML Data – SUCCESS CASE

### 8.1 Sample Refill Request XML Data

```

<?xml version="1.0" encoding="UTF-8"?>
<Message DatatypesVersion="20170715" ECLVersion="20170715" StructuresVersion="20170715"
TransactionDomain="SCRIPT" TransactionVersion="20170715" TransportVersion="20170715">
  <Header>
    <To Qualifier="ZZZ">PDMP</To>
    <From Qualifier="ZZZ">ssmsoilpdmp</From>
    <MessageID>362540380</MessageID>
    <SentTime>2023-11-12T17:48:43</SentTime>
    <Security>
      <UsernameToken>
        <Username>paramjeet.singh@logicoy.com</Username>
      </UsernameToken>
      <Sender>
        <TertiaryIdentification>param-dev</TertiaryIdentification>
      </Sender>
      <Receiver>
        <TertiaryIdentification>PDMP</TertiaryIdentification>
      </Receiver>
    </Security>
    <SenderSoftware>
      <SenderSoftwareDeveloper>Epic</SenderSoftwareDeveloper>
      <SenderSoftwareProduct>EpicCare</SenderSoftwareProduct>
      <SenderSoftwareVersionRelease>May 2020</SenderSoftwareVersionRelease>
    </SenderSoftware>
    <TestMessage>1</TestMessage>
  </Header>
  <Body>
    <RxFill>
      <BenefitsCoordination>
        <Consent>Y</Consent>
      </BenefitsCoordination>
      <Facility>
        <Identification>
          <NPI>1225442890</NPI>
          <DEANumber>FP0523832</DEANumber>
        </Identification>
        <FacilityName>SSM HEALTH Medical Group</FacilityName>
        <Address>
          <AddressLine1>4106 S. Water Tower Place</AddressLine1>
          <City>MOUNT VERNON</City>
          <StateProvince>IL</StateProvince>
          <PostalCode>628646544</PostalCode>
          <CountryCode>US</CountryCode>
        </Address>
        <CommunicationNumbers>

```



```
<PrimaryTelephone>
  <Number>6182428900</Number>
</PrimaryTelephone>
<Fax>
  <Number>6182428967</Number>
</Fax>
</CommunicationNumbers>
</Facility>
<Patient>
  <HumanPatient>
    <Identification>

<MedicalRecordIdentificationNumberEHR>E10587259</MedicalRecordIdentificationNumberEHR>
  <Identification>
  <Name>
    <LastName>Baggin</LastName>
    <FirstName>Bilb</FirstName>
  </Name>
  <Gender>M</Gender>
  <DateOfBirth>
    <Date>1959-12-26</Date>
  </DateOfBirth>
  <Address>
    <AddressLine1>1215 West Applewood CT</AddressLine1>
    <City>Rockford</City>
    <StateProvince>IL</StateProvince>
    <PostalCode>61101</PostalCode>
    <CountryCode>US</CountryCode>
  </Address>
  <CommunicationNumbers>
  <PrimaryTelephone>
    <Number>6182428900</Number>
  </PrimaryTelephone>
  <Fax>
    <Number>6182428967</Number>
  </Fax>
  </CommunicationNumbers>
  </HumanPatient>
</Patient>
<MedicationDispensed>
  <HistoryPrescriberOrderNumber>1234543</HistoryPrescriberOrderNumber>
  <DrugDescription>TESTOSTERONE CYPIONATE</DrugDescription>
  <DrugCoded>
    <ProductCode>
      <Code>00591322379</Code>
      <Qualifier>ND</Qualifier>
    </ProductCode>
    <Strength>
      <StrengthValue>200</StrengthValue>
      <StrengthUnitOfMeasure>
```

```
<Code>MG</Code>
</StrengthUnitOfMeasure>
</Strength>
</DrugCoded>
    <NumberOfRefills>10</NumberOfRefills>
    <RefillsRemaining>9</RefillsRemaining>
<Quantity>
    <Value>10</Value>
    <CodeListQualifier>87</CodeListQualifier>
    <QuantityUnitOfMeasure>
        <Code>Oil</Code>
    </QuantityUnitOfMeasure>
</Quantity>
<DaysSupply>30</DaysSupply>
<WrittenDate>
    <Date>2022-12-10</Date>
</WrittenDate>
<LastFillDate>
    <Date>2022-10-10</Date>
</LastFillDate>
<Substitutions>0</Substitutions>
<Pharmacy>
    <Identification>
        <DEANumber>FP0523832</DEANumber>
        <NPI>1225442890</NPI>
    </Identification>
    <BusinessName>CVS/PHARMACY #08632</BusinessName>
    <Address>
        <AddressLine1>1595 CANTRELL</AddressLine1>
        <City>DECATUR</City>
        <StateProvince>IL</StateProvince>
        <PostalCode>62521</PostalCode>
    </Address>
</Pharmacy>
<Prescriber>
    <NonVeterinarian>
        <Identification>
            <DEANumber>FP0523832</DEANumber>
            <NPI>1225442890</NPI>
        </Identification>
        <Specialty>207RP1001X</Specialty>
        <PracticeLocation>
            <BusinessName>SSM HEALTH Medical Group</BusinessName>
        </PracticeLocation>
        <Name>
            <LastName>West</LastName>
            <FirstName>David</FirstName>
            <MiddleName>S</MiddleName>
            <Suffix>MD</Suffix>
        </Name>
    </NonVeterinarian>
</Prescriber>
```

```

<Address>
  <AddressLine1>4106 S. Water Tower Place</AddressLine1>
  <City>MOUNT VERNON</City>
  <StateProvince>IL</StateProvince>
  <PostalCode>628646544</PostalCode>
  <CountryCode>US</CountryCode>
</Address>
<CommunicationNumbers>
  <PrimaryTelephone>
    <Number>6182428900</Number>
  </PrimaryTelephone>
  <Fax>
    <Number>6182428967</Number>
  </Fax>
</CommunicationNumbers>
</NonVeterinarian>
</Prescriber>
<RxFillIndicator>Dispensed And Partially Dispensed</RxFillIndicator>
</MedicationDispensed>
</RxFill>
</Body>
</Message>

```

## 8.2 Sample CancelRx Request XML Data: Success Case

```

<?xml version="1.0" encoding="UTF-8"?>
<Message DatatypesVersion="20170715" ECLVersion="20170715" StructuresVersion="20170715"
TransactionDomain="SCRIPT" TransactionVersion="20170715" TransportVersion="20170715">
  <Header>
    <To Qualifier="ZZZ">PDMP</To>
    <From Qualifier="ZZZ">ssmsoilpdmp</From>
    <MessageID>362540380</MessageID>
    <SentTime>2023-11-12T17:48:43</SentTime>
    <Security>
      <UsernameToken>
        <Username>paramjeet.singh@logicoy.com</Username>
      </UsernameToken>
      <Sender>
        <TertiaryIdentification>param-dev</TertiaryIdentification>
      </Sender>
      <Receiver>
        <TertiaryIdentification>PDMP</TertiaryIdentification>
      </Receiver>
    </Security>
    <SenderSoftware>
      <SenderSoftwareDeveloper>Epic</SenderSoftwareDeveloper>
      <SenderSoftwareProduct>EpicCare</SenderSoftwareProduct>
      <SenderSoftwareVersionRelease>May 2020</SenderSoftwareVersionRelease>
    </SenderSoftware>

```

```
<TestMessage>1</TestMessage>
</Header>
<Body>
  <CancelRx>
    <BenefitsCoordination>
      <Consent>Y</Consent>
    </BenefitsCoordination>
    <Facility>
      <Identification>
        <NPI>1225442890</NPI>
        <DEANumber>FP0523832</DEANumber>
      </Identification>
      <FacilityName>SSM HEALTH Medical Group</FacilityName>
      <Address>
        <AddressLine1>4106 S. Water Tower Place</AddressLine1>
        <City>MOUNT VERNON</City>
        <StateProvince>IL</StateProvince>
        <PostalCode>628646544</PostalCode>
        <CountryCode>US</CountryCode>
      </Address>
      <CommunicationNumbers>
        <PrimaryTelephone>
          <Number>6182428900</Number>
        </PrimaryTelephone>
        <Fax>
          <Number>6182428967</Number>
        </Fax>
      </CommunicationNumbers>
    </Facility>
    <Patient>
      <HumanPatient>
        <Identification>
          <MedicalRecordIdentificationNumberEHR>E10587259</MedicalRecordIdentificationNumberEHR>
          </Identification>
          <Name>
            <LastName>Baggin</LastName>
            <FirstName>Bilb</FirstName>
          </Name>
          <Gender>M</Gender>
          <DateOfBirth>
            <Date>1959-12-26</Date>
          </DateOfBirth>
          <Address>
            <AddressLine1>1215 West Applewood CT</AddressLine1>
            <City>Rockford</City>
            <StateProvince>IL</StateProvince>
            <PostalCode>61101</PostalCode>
            <CountryCode>US</CountryCode>
          </Address>
        </HumanPatient>
      </Patient>
    </Facility>
  </CancelRx>
</Body>
```

```
<CommunicationNumbers>
  <PrimaryTelephone>
    <Number>6182428900</Number>
  </PrimaryTelephone>
  <Fax>
    <Number>6182428967</Number>
  </Fax>
</CommunicationNumbers>
</HumanPatient>
</Patient>
<MedicationDispensed>
  <HistoryPrescriberOrderNumber>1234543</HistoryPrescriberOrderNumber>
  <DrugDescription>TESTOSTERONE CYPIONATE</DrugDescription>
  <DrugCoded>
    <ProductCode>
      <Code>00591322379</Code>
      <Qualifier>ND</Qualifier>
    </ProductCode>
    <Strength>
      <StrengthValue>200</StrengthValue>
      <StrengthUnitOfMeasure>
        <Code>MG</Code>
      </StrengthUnitOfMeasure>
    </Strength>
  </DrugCoded>
    <NumberOfRefills>10</NumberOfRefills>
    <RefillsRemaining>9</RefillsRemaining>
  <Quantity>
    <Value>10</Value>
    <CodeListQualifier>87</CodeListQualifier>
    <QuantityUnitOfMeasure>
      <Code>Oil</Code>
    </QuantityUnitOfMeasure>
  </Quantity>
  <DaysSupply>30</DaysSupply>
  <WrittenDate>
    <Date>2022-12-10</Date>
  </WrittenDate>
  <LastFillDate>
    <Date>2022-10-10</Date>
  </LastFillDate>
  <Substitutions>0</Substitutions>
  <Pharmacy>
    <Identification>
      <DEANumber>FP0523832</DEANumber>
      <NPI>1225442890</NPI>
    </Identification>
    <BusinessName>CVS/PHARMACY #08632</BusinessName>
    <Address>
      <AddressLine1>1595 CANTRELL</AddressLine1>
```

```
<City>DECATUR</City>
<StateProvince>IL</StateProvince>
<PostalCode>62521</PostalCode>
</Address>
</Pharmacy>
<Prescriber>
  <NonVeterinarian>
    <Identification>
      <DEANumber>FP0523832</DEANumber>
      <NPI>1225442890</NPI>
    </Identification>
    <Specialty>207RP1001X</Specialty>
    <PracticeLocation>
      <BusinessName>SSM HEALTH Medical Group</BusinessName>
    </PracticeLocation>
    <Name>
      <LastName>West</LastName>
      <FirstName>David</FirstName>
      <MiddleName>S</MiddleName>
      <Suffix>MD</Suffix>
    </Name>
    <Address>
      <AddressLine1>4106 S. Water Tower Place</AddressLine1>
      <City>MOUNT VERNON</City>
      <StateProvince>IL</StateProvince>
      <PostalCode>628646544</PostalCode>
      <CountryCode>US</CountryCode>
    </Address>
    <CommunicationNumbers>
      <PrimaryTelephone>
        <Number>6182428900</Number>
      </PrimaryTelephone>
      <Fax>
        <Number>6182428967</Number>
      </Fax>
    </CommunicationNumbers>
  </NonVeterinarian>
</Prescriber>
<RxFillIndicator>Dispensed And Partially Dispensed</RxFillIndicator>
</MedicationDispensed>
</CancelRx>
</Body>
</Message>
```

### 8.3 Sample Response XML Data – Success CASE

Sample Response XML Data – Success CASE: HTTP response code – 200 OK

```
<Message DatatypesVersion="20170715" ECLVersion="20170715" TransactionDomain="SCRIPT"
TransactionVersion="20170715" TransportVersion="20170715">
  <Header>
    <To Qualifier="ZZZ">ssmsoilpdmp</To>
    <From Qualifier="ZZZ">PDMP</From>
    <MessageID>379A2E15-634F-450A-93AD-4358975EC672</MessageID>
    <RelatesToMessageID>362540380</RelatesToMessageID>
    <SentTime>2023-03-15T12:27:19</SentTime>
    <SenderSoftware>
      <SenderSoftwareDeveloper>LogiCoy Inc.</SenderSoftwareDeveloper>
      <SenderSoftwareProduct>LogiCoy PMPCentral</SenderSoftwareProduct>
      <SenderSoftwareVersionRelease>v3.1.2</SenderSoftwareVersionRelease>
    </SenderSoftware>
  </Header>
  <Body>
    <Error>
      <Code>003</Code>
      <Description>Data accepted successfully and sent to processing pipeline.</Description>
    </Error>
  </Body>
</Message>
```

### 8.4 Sample Response XML Data – Error CASE

Sample Response XML Data – Error CASE: HTTP response code – 200 OK, NCPDP Error Code : 900

```
<Message DatatypesVersion="20170715" ECLVersion="20170715" TransactionDomain="SCRIPT"
TransactionVersion="20170715" TransportVersion="20170715">
  <Header>
    <To Qualifier="ZZZ">ssmsoilpdmp</To>
    <From Qualifier="ZZZ">PDMP</From>
    <MessageID>4A753A06-DD77-4BE2-AC47-8AD937E8DA46</MessageID>
    <RelatesToMessageID>362540380</RelatesToMessageID>
    <SentTime>2023-03-15T13:18:29</SentTime>
    <SenderSoftware>
      <SenderSoftwareDeveloper>LogiCoy Inc.</SenderSoftwareDeveloper>
      <SenderSoftwareProduct>LogiCoy PMPCentral</SenderSoftwareProduct>
      <SenderSoftwareVersionRelease>v3.1.2</SenderSoftwareVersionRelease>
    </SenderSoftware>
  </Header>
  <Body>
    <Error>
      <Code>900</Code>
```

```

    <Description>ERROR: A valid value expected for field Patient First Name. Please enter the
    patient first name in the Patient First Name field for the record to be accepted.</Description>
  </Error>
</Body>
</Message>

```

## 8.5 Sample Request Data For Zero Report Submissions

```

<Message DatatypesVersion="20170715" ECLVersion="20170715" StructuresVersion="20170715"
TransactionDomain="SCRIPT" TransactionVersion="20170715" TransportVersion="20170715">
  <Header>
    <To Qualifier="ZZZ">PDMP</To>
    <From Qualifier="ZZZ">ssmsoilpdmp</From>
    <MessageID>{{$randomUUID}}</MessageID>
    <SentTime>2023-04-25T00:00:00</SentTime>
    <Security>
      <UsernameToken>
        <Username>paramjeet.singh@logicoy.com</Username>
      </UsernameToken>
      <Sender>
        <TertiaryIdentification>param-dev</TertiaryIdentification>
      </Sender>
      <Receiver>
        <TertiaryIdentification>param-dev</TertiaryIdentification>
      </Receiver>
    </Security>
    <SenderSoftware>
      <SenderSoftwareDeveloper>Epic</SenderSoftwareDeveloper>
      <SenderSoftwareProduct>EpicCare</SenderSoftwareProduct>
      <SenderSoftwareVersionRelease>May 2020</SenderSoftwareVersionRelease>
    </SenderSoftware>
    <TestMessage>1</TestMessage>
  </Header>
  <Body>
    <RxFill>
      <BenefitsCoordination>
        <Consent>Y</Consent>
      </BenefitsCoordination>
      <Facility>
        <Identification>
          <NPI>1396385407</NPI>
          <DEANumber>FL9331149</DEANumber>
        </Identification>
        <FacilityName>LEVINSTEIN, GENE MDLEVINSTEIN,</FacilityName>
        <Address>
          <AddressLine1>FRANKFORD HEALTH ASSOCIATES, LLC,</AddressLine1>
          <AddressLine2></AddressLine2>
          <City>PHILADELPHIA</City>
          <StateProvince>PA</StateProvince>
        </Address>
      </Facility>
    </RxFill>
  </Body>
</Message>

```



```
<PostalCode>12121</PostalCode>
<CountryCode>US</CountryCode>
</Address>
<CommunicationNumbers>
  <PrimaryTelephone>
    <Number>6182428900</Number>
  </PrimaryTelephone>
  <Fax>
    <Number>6182428967</Number>
  </Fax>
</CommunicationNumbers>
</Facility>
<Patient>
  <HumanPatient>
    <Name>
      <LastName>REPORT</LastName>
      <FirstName>ZERO</FirstName>
    </Name>
  </HumanPatient>
</Patient>
<MedicationDispensed>
  <LastFillDate>
    <Date>2023-04-23</Date>
  </LastFillDate>
</MedicationDispensed>
</RxFill>
</Body>
</Message>
```

# 9. Request and Response Parameters

## 9.1 Schema Document

Follow NCPDP schema v20170715 from <https://www.ncdp.org/>

Request method implemented:

For a New Prescription: **RxFill**

To Delete a Prescription: **CancelRx**

To edit a prescription, first call Cancel RxX and then resend the RxFill request.

To delete a prescription, call Cancel Rx

## 9.2 Request Parameters

There are four basic data element types used and defined in this document.

AN (Alphanumeric): An alphanumeric field can accept both numbers and characters.

N (Numeric) A numeric field in character format, without a decimal point included.

DT (Datetime): Date with time

D (Decimal): A numeric field in character format, with a decimal point included.

**Table 1:** Data Type and Validation Rules. R (Required), O (Optional) and Situational (in case of error response)

Field Name	Description	Type	Length	Validation
To	This field contains the identification number of the receiver.	AN	50	O
From	This field contains the identification number of the sender.	AN	50	O
MessageID	Trace number. A unique reference identifier for the transmission, generated from the sender of the request	AN	50	R
SentTime	The date of the transmission	DT		R
UsernameToken / Username	Username	AN	50	R

Sender / TertiaryIdentification	Used as a tertiary identification of the sender	AN	300	R
SenderSoftwareDeveloper	The text field that identifies the entity responsible for the software that generated the transaction.	AN	2	O
SenderSoftwareProduct	The text field that identifies the software developer's product, as determined by the software developer.	AN	10	O
SenderSoftwareVersionRelease	The text field that identifies the version and release of the software product, as determined by the software developer	AN	7	O
Facility / Identification / NPI	NPI number of pharmacy	AN	10	R
Facility / Identification / DEANumber	DEA number of pharmacy	AN	9	R
Facility / FacilityName	Pharmacy Name Free-form name of the pharmacy or dispensing practitioner.	AN	60	R
Facility /Address/ AddressLine1	Address Information – 1 Free-form text for address information.	AN	60	R
Facility / Address/ AddressLine2	Address Information – 2 Free-form text for address information, if needed.	AN	60	O
Facility /Address/ City	City Address Free-form text for city name.	AN	25	R
Facility /Address/ StateProvince	State Address U.S. Postal Service state code.	AN	2	R
Facility /Address/ PostalCode	ZIP Code Address U.S. Postal Service ZIP Code.	AN	5	R

Facility / CommunicationNu mbers / PrimaryTelephone / Number	<b>Phone Number</b>  Complete phone number including area code. Do not include hyphens.	AN	10	O
Patient/ HumanPatient/ Name/ First	<b>First Name</b>  Patient’s first name.	AN	50	R
Patient/ HumanPatient/ Name/ Last	<b>Last Name</b>  Patient’s last name.	AN	50	R
Patient/Name/ MiddleName	<b>Middle Name</b>  Prescriber’s middle name or initial.	AN	30	O
Patient//Name/Prefi x	Prefix of name	AN	10	O
Patient/Name/Suffi x	Suffix of name	AN	10	O
Patient/ HumanPatient/ Address/ AddressLine1	<b>Address Information – 1</b>  Free-form text for street address information.	AN	35	R
Patient/ HumanPatient/ Address/ AddressLine2	<b>Address Information – 2</b>  Free-form text for additional address information, if available.	AN	35	O
Patient/ HumanPatient /Address/ City	<b>City Address</b>  Free-form text for city name.	AN	25	R
Patient/ HumanPatient/Add ress/ StateProvince	<b>State Address</b>  U.S. Postal Service state code.	AN	2	R
Patient/ HumanPatient / Address/ PostalCode	<b>ZIP Code Address</b>  U.S. Postal Service ZIP code.  Populate with zeros if patient address is outside the U.S.	AN	5	R
Patient/ HumanPatient / CommunicationNu	<b>Phone Number</b>  Complete phone number including area code. Do not include hyphens.	AN	10	O

Members/PrimaryTelephone / Number				
Patient/ HumanPatient / CommunicationNumbers/ Fax / Number	Fax number of the patient.	AN	10	O
MedicationDispensed / HistoryPrescriberOrderNumber	<b>Prescription Number</b> Serial number assigned to the prescription by the pharmacy.	AN	25	R
MedicationDispensed / WrittenDate / Date	<b>Date Written</b> Date the prescription was written (authorized). Format: YYYY-MM-DD	DT	10	R
MedicationDispensed / NumberOfRefills	<b>Refills Authorized</b> The number of refills authorized by the prescriber.	N	2	R
MedicationDispensed / LastFillDate / Date	<b>Date Filled</b> Date prescription was prepared. Format: YYYY-MM-DD	DT	10	R
Body / RxFill / MedicationDispensed / DispensingRecord/ RefillsRemaining	<b>Refill Number</b> Number of the fill of the prescription. 1. 0 indicates New Rx; 2. 01-99 is the refill number.	N	10	R
MedicationDispensed / DrugCoded / ProductCode / Qualifier	<b>Product ID Qualifier</b> 1. ND (NDC number)	N	2	R
MedicationDispensed / DrugCoded / ProductCode / Code	<b>Product ID</b> Full product identification as indicated in DSP07, including leading zeros without punctuation.	AN	15	R
MedicationDispensed / Quantity / Value	<b>Quantity Dispensed</b> Number of metric units dispensed in metric decimal format. Example: 2.5	D	11	R

MedicationDispensed / Quantity / QuantityUnitOfMeasure / Code	<b>Drug Dosage Units Code</b> Identifies the unit of measure for the quantity dispensed in DSP09. 1. 01 Each 2. 02 Milliliters (ml) 3. 03 Grams (gm)	N	2	R
MedicationDispensed / DaysSupply	<b>Days' Supply</b> Estimated number of days the medication will last.	N	3	R
MedicationDispensed / RxFillIndicator	<b>Partial Fill Indicator, In case not partially dispensed, don't send this element.</b> 1. Partially Dispensed	AN	2	R
MedicationDispensed / HistorySource/ PaymentType	<b>Classification Code for Payment Type</b> Code identifying the type of payment (i.e., how it was paid for). 2. Private Pay 3. Medicaid 4. Medicare 5. Commercial Insurance 6. Military Installations and VA 7. Workers' Compensation 8. Indian Nations 9. Other	AN	2	R
Prescriber/ NonVeterinarian/ Identification/ NPI	<b>National Provider Identifier (NPI)</b> Identifier assigned to the prescriber by CMS.	AN	10	R
Prescriber/ NonVeterinarian/ Identification / DEANumber	<b>DEA Number</b> Identifying number assigned to a prescriber or an institution by the Drug Enforcement Administration (DEA).	AN	9	R
Prescriber/ NonVeterinarian/ Identification / StateLicenseNumber	<b>Prescriber State License Number</b> Identification assigned to the prescriber by the State Licensing Board	AN	20	O

Prescriber/Name/FirstName	<b>First Name</b> Prescriber’s first name.	AN	50	R
Prescriber/Name/LastName	<b>Last Name</b> Prescriber’s last name.	AN	50	R
Prescriber/Name/MiddleName	<b>Middle Name</b> Prescriber’s middle name or initial.	AN	30	O
Prescriber//Name/Prefi	Prefix of name	AN	10	O
Prescriber/Name/Suffix	Suffix of name	AN	10	O
Prescriber/CommunicationNumbers/PrimaryTelephone/Number	<b>Phone Number</b> Complete phone number including area code. Do not include hyphens.	AN	10	O
Prescriber/CommunicationNumbers/Fax/Number	Fax number of prescriber	AN	10	O

9.3 Response Parameters

Table 2: Data Type and Validation Rules. R (Required), O (Optional) and S, Situational (in case of error response)

Field Name	Description	Data Type	Length	Validation	Sample Value
To	This field contains the identification number of the receiver.	AN	50	R	Abc-pharmacy
From	This field contains the identification number of the sender.	AN	50	R	PDMP
MessageID	Trace number. A unique reference identifier for the transmission, generated from the sender of the request and	AN	7	O	

	<p>the sender of the response. When generated from the sender, it is then echoed back in the response message in the field <b>RelatesToMessageID</b>. The value in this field must be present in <b>RelatesToMessageID</b> on subsequent transactions (such as <b>RxRenewalRequest</b>, <b>CancelRx</b>, etc.) to tie back to an original transmission</p>				
<b>RelatesToMessageID</b>	Used to link the original message ( <b>MessageID</b> ) from request to the response or to the subsequent follow up transaction.	AN	4	O	TEST
<b>SentTime</b>	Defines the response date in <b>YYYY-MM-DDThh:mm:ss.SZ</b> format in <b>UTC time</b>	DT		R	2023-01-20T12:00:00.1000Z
<b>SenderSoftwareDeveloper</b>	The text field that identifies the entity responsible for the software that generated the transaction. The developer may be a software vendor or, if the software was developed “in-house”, the developer is the entity actually sending the transaction (e.g., a chain). The value transmitted is determined by the <b>Sender Software Developer</b> .	DT		R	2023-01-20T12:00:00.4000Z
<b>SenderSoftwareProduct</b>	The text field that identifies the software developer’s product, as determined by the software developer.	AN	2	R	PA
<b>SenderSoftwareVersionRelease</b>	<p>The text field that identifies the version and release of the software product, as determined by the software developer.</p> <p>This is not to be used to block transactions.</p>	N	3	R	4



Code	NCPDP response code as per schema.				
Description	Error message or success message of transaction in detail				

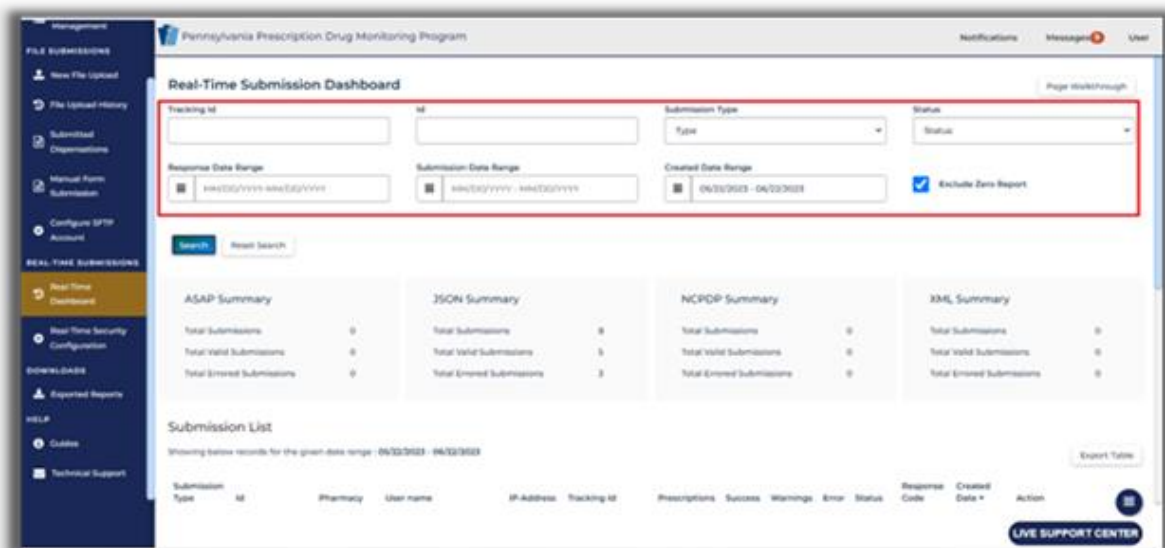
### 9.4 Response Code Details and Explanation

Table 3: Response Codes

Response Code	Detail	Action Item for Client
003	Success	N/A
200	Failure case r/t to schema	Data must follow schema. Correct and reprocess
601	Server Error	Transaction needs to be resent
900	Failure case. In case of validation	Error data needs to be corrected and send again to same endpoint, no need to send successful data for this case, as it will be processed by the system.

## 10. Real-Time Submission Dashboard

The **Real-Time Submission Dashboard** page allows a user to see the real-time transaction history data processed within the PDMP System. Filters are available to target specific information.



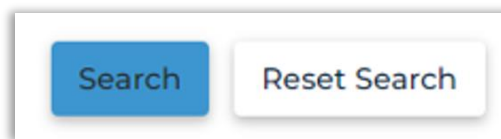
### 10.1 Filters

- The **Tracking ID** field is for the response tracking ID that is generated from the server side. For any issues in submissions and analysis, this tracking ID will be shared with LogiCoy support.
  - The **Tracking ID** is assigned to the record after submission from the server side.
  - **NOTE:** It is possible to find the **Tracking ID** under **Action** → **More Details** when viewing the prescription on the **Submitted Dispensations** page.
- The **ID** field is the client request ID, which is present in the request for prescription records. This ID is generated by the system that submitted the data.
- The **Submission Type** can be used to find the specific submission type: ASAP, JSON, NCPDP, or XML.
- The **Status** dropdown can be used to find failed or successful submissions:
  - **Success**- all records in the file were submitted successfully.
  - **Partial Success**- some records were submitted successfully, and some records failed.
  - **Error**- all records in the file failed.

- The **Response Date Range** field can be used to search for a specific submission date or date range when the record was accepted into the system.
- The **Submission Date Range** field can be used to search for a specific submission date or date range when the record was submitted into the system.
- The **Created Date Range** field can be used to search for a specific date or date range that the record was created in the system.
- The **Exclude Zero Report checkbox** can be used to filter out zero report submissions.

## 10.2 Searching Data

Once information is entered, click on the **Search** button. The **Reset Search** button will clear out all filtered information.



**Note:** At any time after clicking **Search**, a user can click the **Back** button on the top-right of the page to go back to the previous page without losing the search.

The results will display as follows:

Total Errored Submissions 0

Submission List

Showing below records for the given date range : 04/23/2023 - 05/23/2023

Submission Type	Id	Pharmacy	User name	IP-Address	Tracking Id	Prescriptions	Success	Warnings	Error	Status	Response Code	Created Date	Action
JSON 1.0	b5b28ac3-6f5b-4a4b-8e49-8a8581ad22a3	LEVINSTEIN, GENE MD	suhanadatasu bmitter@mailinator.com	172.30.0.190	70688C54-E2A6-4E3E-89D3-B046F9B940F0	1	1	1	0	Success	200	05/23/2023 12:20:35	Action
JSON 1.0	54931149-7df3-45e2-b10e-148a1513086	LEVINSTEIN, GENE MD	suhanadatasu bmitter@mailinator.com	172.30.0.190	EF6DABC7-1615-42D5-BBB1-894CD82EDB3B	1	1	1	0	Success	200	05/23/2023 12:21:31	Action
JSON 1.0	24f9c4e9-9461-47cb-RH75-	LEVINSTEIN, GENE MD	suhanadatasu bmitter@mailinator.com	172.30.0.190	01729E01-6F6F-4703-90A2-57347CA44F9D8	1	1	1	0	Success	200	05/23/2023 12:08:00	Action

### 10.2.1 Column Definitions

Submission List

Showing below records for the given date range : 04/23/2023 - 05/23/2023

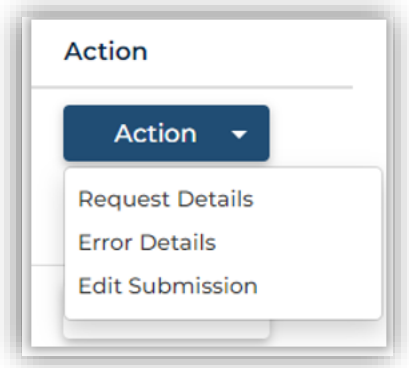
Submission Type	Id	Pharmacy	User name	IP-Address	Tracking Id	Prescriptions	Success	Warnings	Error	Status	Response Code	Created Date	Action
JSON 1.0	b5b28ac3-6f5b-4a4b-8e49-8a8581ad22a3	LEVINSTEIN, GENE MD	suhanadatasu bmitter@mailinator.com	172.30.0.190	70688C54-E2A6-4E3E-89D3-B046F9B940F0	1	1	1	0	Success	200	05/23/2023 12:20:35	Action

- **Submission Type**- type of submission (ASAP, JSON, NCPDP, XML) and the API Version
- **ID**- the ID that is sent with the submission
- **Pharmacy**- the name of the pharmacy at which the prescription was filled and dispensed
- **User name**- the email address for the individual who submitted the record
- **IP address**- the device from which the real-time submission was transmitted
- **Tracking ID**- the ID assigned to the record after submission
- **Prescriptions**- total number of prescriptions in the data submitted
- **Success**- total number successfully submitted prescriptions
- **Warnings**- total number of prescriptions that have a warning in the submitted data file
- **Error**- total number of prescriptions that contain an error in the submitted data file
- **Status**- submission status (e.g., Success, Partial Success, Error)
- **Response Code**- code for the submission (e.g., 200, 207, 412)
  - **NOTE:** See Section 8.4, Table 3 for Response Code titles and descriptions.
- **Created Date**- shows the time stamp when the record was submitted

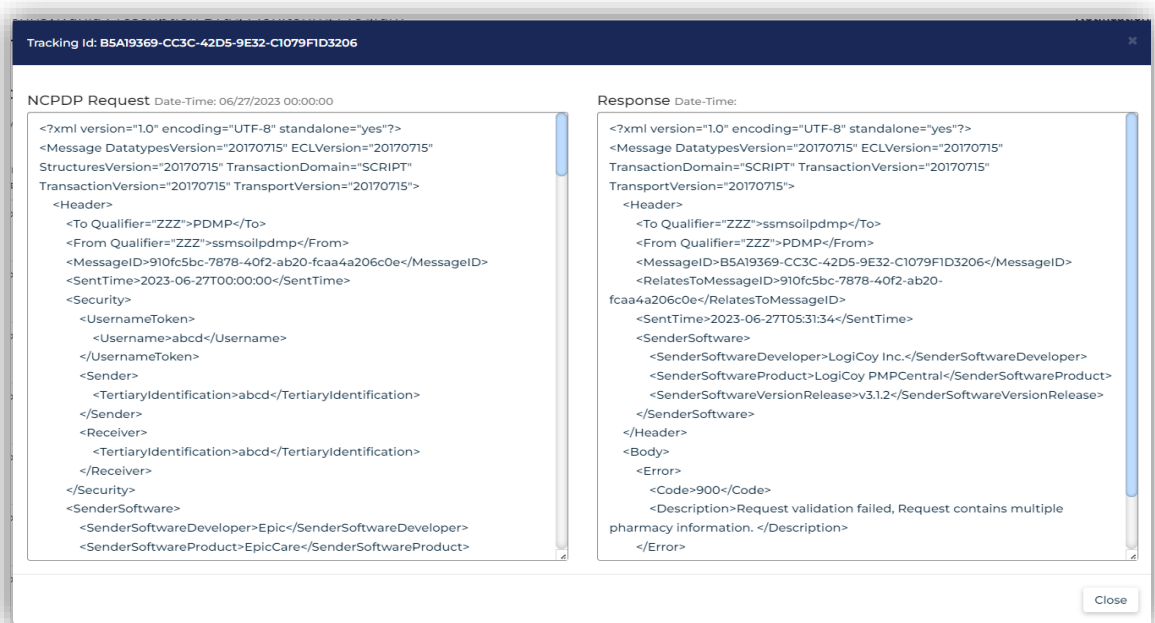
- **Action-** other information or actions that can be performed.

### 10.2.2 Actions

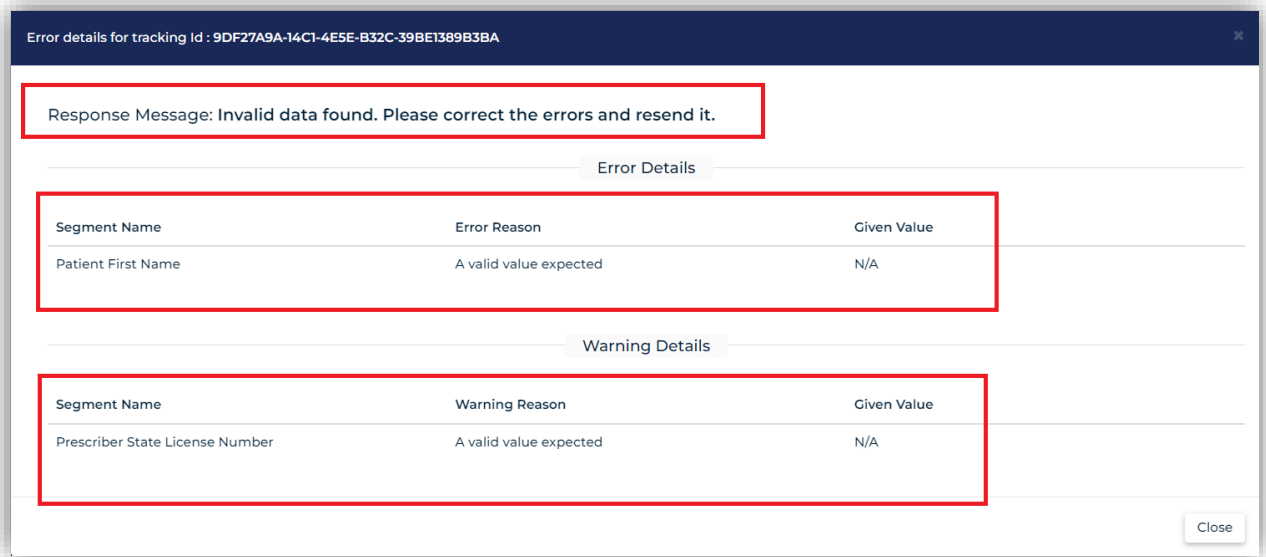
The Actions that can be taken are listed below.



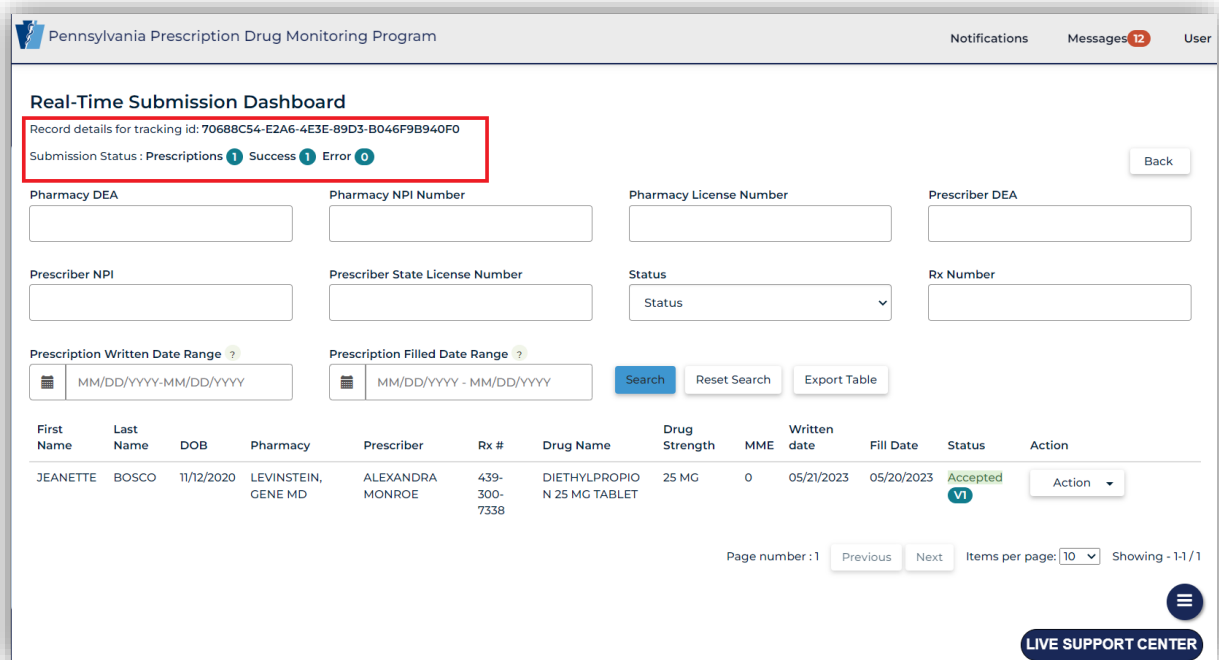
- **Request Details-** shows the request and the response that was received while submitting the record.



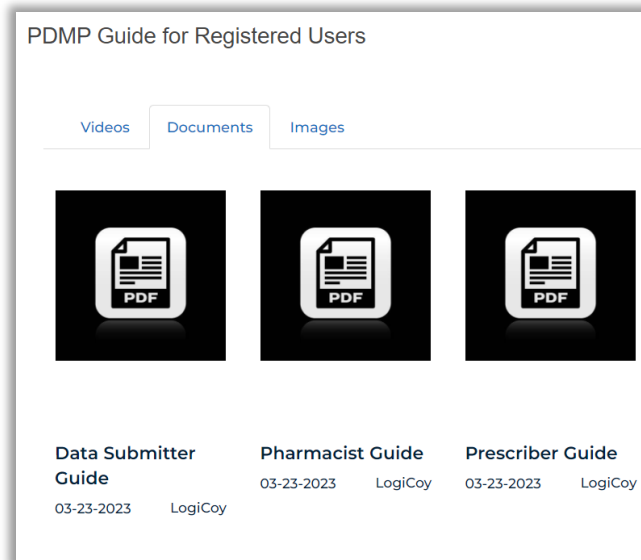
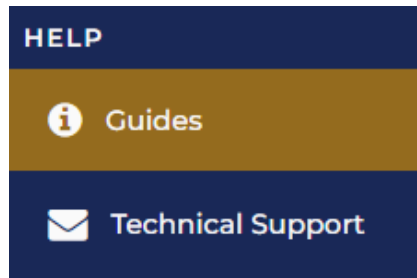
- **Error Details-** shows the response message, error details, and warning details.



- Edit Submission**- shows a list of all prescription records submitted with the **Tracking ID**. On this screen, a user can search for a specific Rx Number. This screen will show multiple records for a single prescription if multiple records have been submitted – including records that have errors and are not visible in the PDMP (as well as Accepted records, Resubmissions, and Duplicate records).



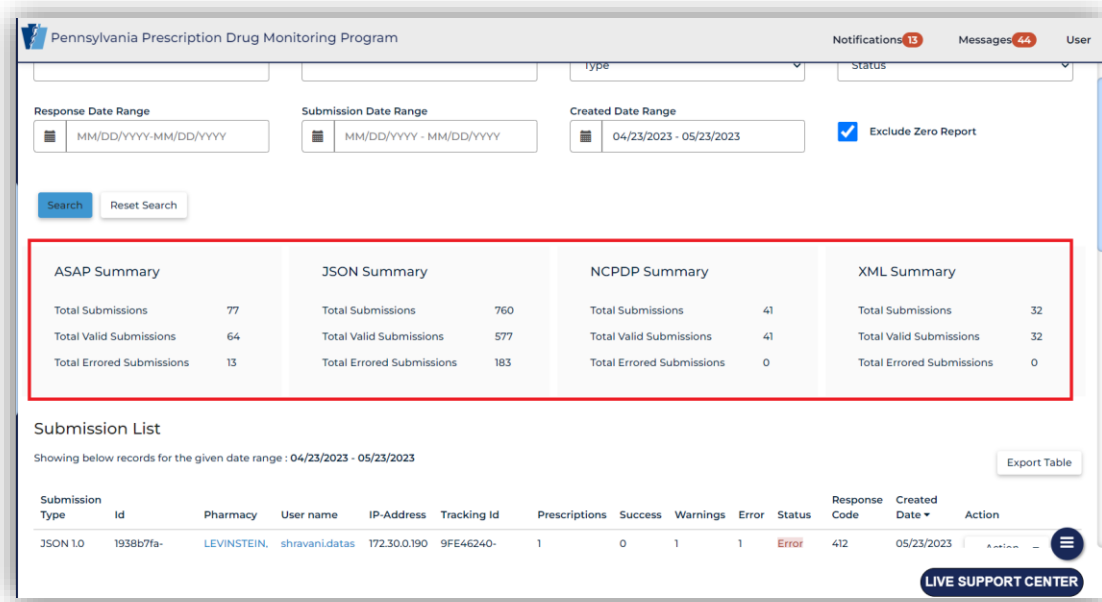
This page will let the user search for prescriptions or look for any **Actions** needed on the current prescription record. The PDMP will allow error correction and show record details in the same way as other prescriptions that are not submitted in real-time. For more information on Actions that can be taken on individual prescription records, please refer to the Data Compliance chapter of the PA PDMP Data Submitter Guide, found under the **Help** section of the left sidebar.



8.	DATA COMPLIANCE .....
8.1	FILE UPLOAD HISTORY .....
8.2	VIEW OR EDIT FILE RECORDS .....
8.3	ERROR CORRECTION .....
8.4	VENDOR UPLOADS (PIC ACCESS ONLY) .....

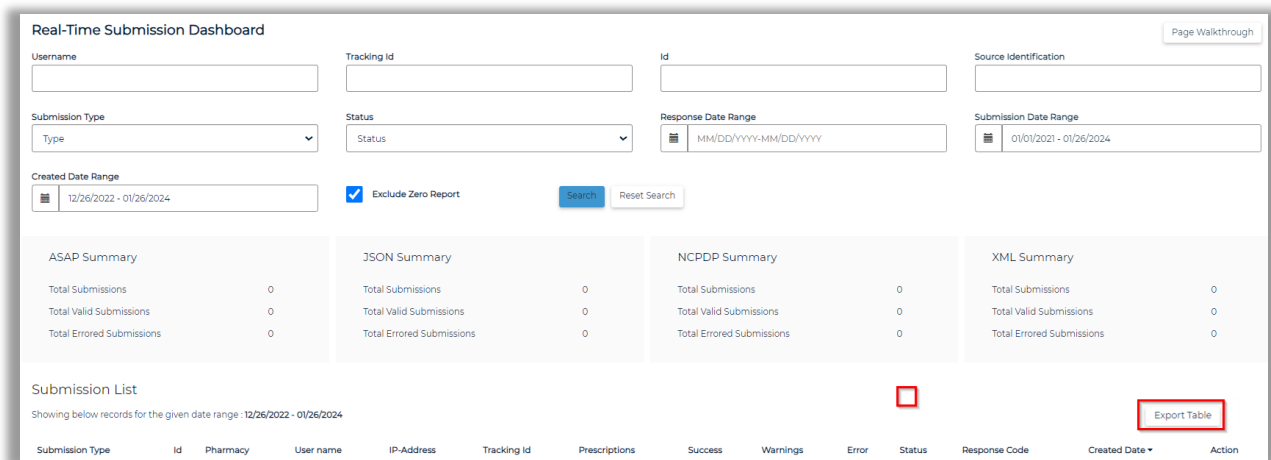
### 10.3 Count Summary

The gray highlighted section is a summary that shows the total count of submissions, total valid submissions, and total errored submissions, based on submission type. These fields will not populate with totals until the **Search** button has been clicked.



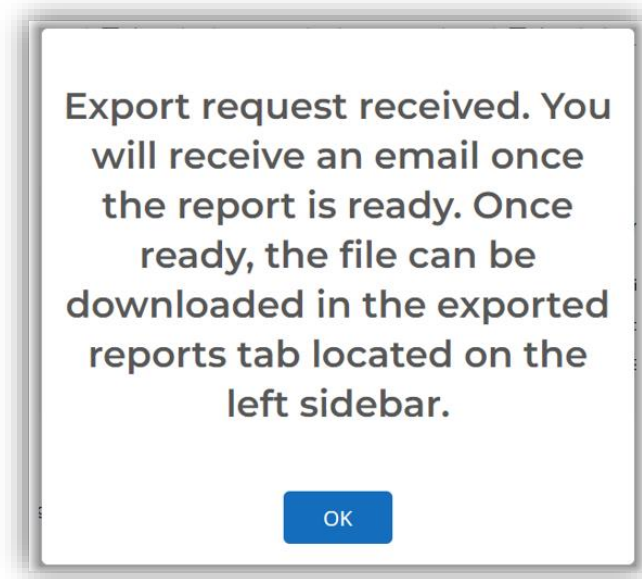
### 10.4 Export Table

Information in the dashboard can be exported by clicking the **Export Table** button in the lower left corner of the screen.



Once you click on the **Export Table** button, a pop-up window will appear.





Click the **OK** button. The file can be found in the **Exported Reports** section on the left sidebar.

