

9.10.21 *Version 3*



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Purpose of InterOp Station Third-Party Portal User Guide

The purpose of this guide is to assist third-party developers with registering an application (app) as a client of the InterOp Station. This guide targets activity by the following users:

 Third-party app developers who may experience issues connecting, testing, and adding their privacy policy and security attestation documents.

Note: Third-party developers can contact the MiHIN Help Desk for assistance by email at help@mihin.org.

Contact the MiHIN Help Desk if you experience any of the following issues while connecting your app:

- Cannot submit a security attestation.
- Cannot get credentials in development.
- Tests are failing in development.
- Cannot get credentials for production.
- Tests are failing in production.



Creating an InterOp Station third-party developer portal account

- 1. Navigate to https://www.interopstation.com/login
- 2. When your **Log in** menu displays:
 - a) Select Sign Up.

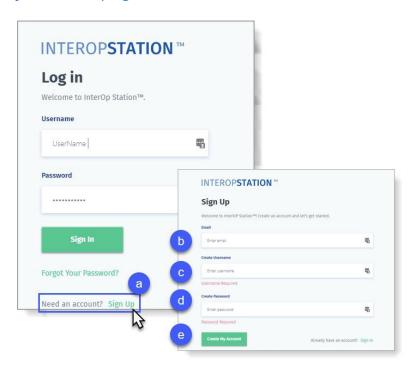


c) Create and type your

Username.

d) Create and type your **Password** using the

password policy as shown
here.





e) Then select **Create My Account**.

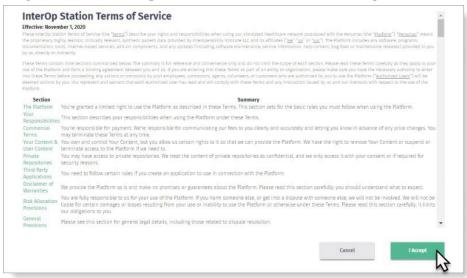




- 3. An email will be sent to the email address provided to confirm your account.
- 4. Once confirmed, the third-party developer can sign in with the username and password created.
- 5. Click I Accept to agree to the InterOp Station Terms of Service and proceed.

Note:

Clicking
Cancel
returns
you to
the Log
in
window.



Sign in issues after creating an account

If a third-party developer has followed the steps appropriately and sign in still fails, refer to the MiHIN Help Desk.

Customer Logo Request for API Registered Entities

Overview

This process is being designed for situations when a companyhas stated that they will not store and provide access to their logo.

Process

Assumption: One logo request per registered entity.

The logo disclaimer and the logo request required information below will be included in the third-party developer materials.



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InterOp Station Third-party Developer Portal User Guide

Disclaimer for use of logo:

Use of the [Customer] logo ([Customer] logo) is approved for limited use by third-party application vendors. The [Customer] logo is only to be used on the interface to connect with the Customer CMS Interoperability and Patient Access API solution, known as [Customer API name]. Use of the [Customer] logo for any other purpose including display on your company's website, on printed or electronic media, or other materials and/or products that will be distributed to the public requires submission of a separate request to the [Customer] [Representative entity]. Unauthorized use or distribution of the [Customer] logo may lead to civil and/or criminal penalties as allowed under applicable state and federal laws.

The user (entity representative) will request the logo via email and will supply the following information via email.

- a. First and Last Name
- b. Entity Name
- c. Contact Phone Number*
- d. Contact Email
- e. Name of 3rd party app (app that will use the logo)

When the email request is reviewed and approved, and the logo is returned via email.



^{*}obtained for outreach if there is an undeliverable email notification for the Contact Email address.



Connecting a Third-Party Developer App to InterOp Station

Welcome page navigation

The Welcome page allows you to register your app and view supporting information from the Document Library.

When you click **INTEROPSTATION**™ located above the Sidebar Navigation Menu you will

return to the Welcome page.

The left Sidebar
Navigation menu
provides links to
view your OAuth
Management
including your
Application
Dashboard,
Developer
Attestation, and
the Document
Library.

Choosing one of these links from

Out-th Management
December Management
December Management
December Library

Welcome
Welcome to Interop Station™. Register your application below.

Register your first application

Each application is provided a unique set of AR large and configuration settings reveiled for making

Register with an OAusth API

Document Library

Document Library

Setting your application's provided a setting set of AR large and configuration settings reveiled for making

Register with an OAusth API

Document Library

Resolving attestation issues

Private your policy

Resolving attestation issues

Private your application for production

Application registration

Application registration

Document Library

any page will redirect you.

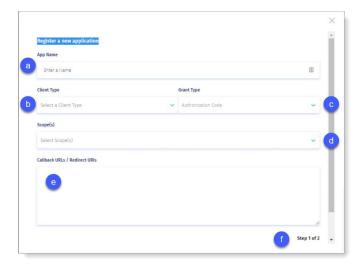




Register a SMART Application with the OAuth API tool

In the OAuth Credentials section of the Welcome page, the **Register with an OAuth API** tool displays. When you select this tool you will be redirected to the **Register a new application** form.

- Using the **Register a new application** form, enter the required information as follows:
 - a. Type the **App Name** which identifies your SMART App.
 - b. Use your **Client Type** arrow to select how you are configuring calls to the token endpoint. The Client ID (username) and secret (password) generated by IOL will be passed to the endpoint via this selection. **Confidential-Basic Auth** is your default and should work unless you know that another form of authentication is used by the app.
 - c. Use your **Grant Type** arrow to choose how your app will request and receive the authorization token.
 - d. HL7 identifies the allowed scopes for your resources. Select your **Scope(s)** arrow to scroll to and select the scope of resources you are requesting for access, for example, CARIN Blue Button® FHIR Smart authorization. For more information on allowed Scopes visit http://www.hl7.org/fhir/smart-app-launch/scopes-and-launch-context/
 - e. Type your **Callback URIs / Redirect URI** for the application you are connecting.



Note: To test this application with oauthdebugger.com, list your application's redirect URI and oauthdebugger.com/debug here separated by commas, for example: https://yourapphere.com/ or https://yourapphere.com/ or https://oauthdebugger.com/debug

f. Click **Next** to complete **Step 1 of 2**.





g. The **Step 2 of 2** pop-up prompts you to upload a PDF of your Privacy Policy. Select **Upload Now** if your privacy policy is ready for upload and then click **Save Application**. The app is now connected with your policy.

Note: If you are not yet ready to upload your policy, select I'll Do It Later and then click Save Application. However, your privacy policy must be uploaded before your app can go to Production.

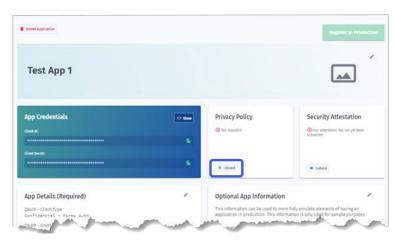


Navigating the application dashboard page

Once the application has been registered with the OAuth API, the App Dashboard page will display. From this page you can:

- Modify the **App Details** you selected during the registration process.
- Upload and review your Privacy Policy.
- Complete or review your **Security Attestation**.
- Add **Optional App Information** such as your organization website, a description of the application, a point of contact, and an email address.
- Obtain your app credentials, i.e., Client ID and Client Secret, to complete the connection to the InterOp Station. The Client ID and Secret are also obtainable from the OAuth Credentials section of the Welcome page.

Note: You can navigate back to this page at any time via OAuth Management on the sidebar Navigation Menu and then select Edit.





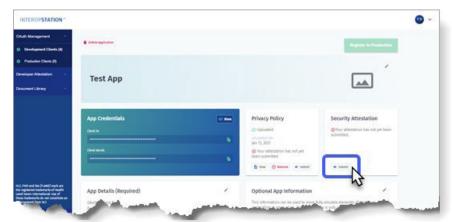


Security Attestation Requirement

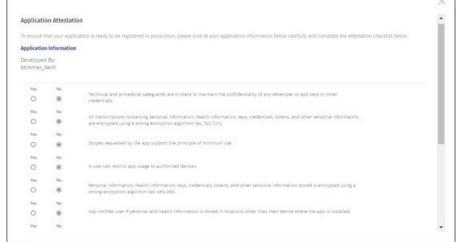
Developers are required to submit a Security Attestation for their app. An automated MiHIN Help Desk ticket is generated after a Security Attestation review is completed. The MiHIN Security Team will review the third-party developer ticket and determine whether the submitted Security Attestation is accepted or needs to be resubmitted.

Submitting a Security Attestation

1. Security Attestations can be submitted from the Application Dashboard page by choosing **Submit** located on your **Security Attestation** tool.



- 2. When the
 Application
 Attestation page
 displays, respond
 to each question
 and then click
 Submit to send to
 the MiHIN Security
 Team for review.
- 3. Navigate to and select your Security
 Attestation, which will be like the example shown below.



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InterOp Station Third-party Developer Portal User Guide

4. The status of your Security Attestation can be found on the **Welcome** page **Attestation Requests** dashboard or by clicking Attestation Requests located on your Sidebar Navigation Menu.

Note: The Security Attestation must be in PDF format. If your Security Attestation is in PDF format and does not upload successfully, escalate to the MiHIN Help Desk at help@mihin.org.

- a. **Approved**. The Security Attestation has been accepted by the MIHIN Security Team.
- b. **Pending**. The MIHIN Security Attestation has been submitted and is awaiting review.
- c. **Issue**. The Security
 Attestation has been denied by the MiHIN Security Team which will notify the third-party developers via email. Update your Security

Attestation and resubmit for approval.

Welcome

Welcome

Welcome

Welcome to interop Station** Register your application below.

Outs A supplication is provided a unique set of API keys and configurations settings needed for making requests to the system.

Count in the Charles API

SMART on FIRST APP

Count in Standard PTESS

Count i

Note: To resubmit, select either **Attestation Requests** on the Sidebar Navigation menu or by clicking your **More** vertical ellipses tool on the Security Attestation tile.

Additional information can be found in the <u>Upload a Privacy Policy</u> section.





Upload a Privacy Policy

If you chose, I'll Do It Later on the Do you have a privacy policy to upload? pop up, you can upload it using your SMART on FHIR APP dashboard.

Note: The Privacy Policy must be in PDF format. If your Privacy Policy is in PDF format and does not upload

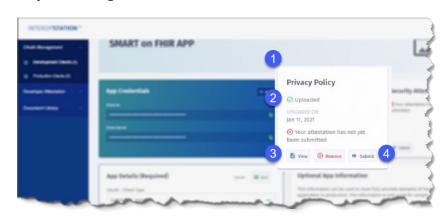


successfully, escalate to the MiHIN Help Desk at help@mihin.org.

- 2. Click **Upload** ().
- 3. Navigate to and select your Privacy Policy. When your PDF file successfully uploads, the options on the Privacy Policy tile change to either *View* or *Remove*.

Note: Now you can select View to preview your policy or select Remove if you are not ready to Submit your policy.

4. Click **Submit** to complete your upload.







Privacy Policy Attestation

When the **Application Attestation** page displays, respond to each question, and then click

Submit.

Note: How you answer questions on this attestation does not affect whether your application to register with InterOp Station is accepted.

How to debug and validate an OAuth connection

The Client ID and Client Secret are displayed on the Application Dashboard or on the Welcome page. Copy the credentials and enter them in the appropriate area of the third-party application to complete the connection to the InterOp Station. The process to validate your OAuth connection is the same whether you are setting up in a Development or Production environment. The connection points for Development and Production vary as noted in the third-party developer portal document library.

Note: The example below demonstrates how to simulate the OAuth 2.0 connection using the open source oauthdebugger.com and making calls via an API.

Tip: You will have to update your application to authenticate to interopstation.com using OAuth 2.0 and then API requests based on your application's scope.

1. The OAuth debugger shown here is used to demonstrate how to enter your required app information such as Client ID and Scope. The image shown below is an example of how a tool like OAuth Debugger could display after you enter your information. An example of code follows this section.

Note: The names of the parameters listed below must be entered as shown, as they are case sensitive. All fields are required.

- a. **Authorize URI** (required). Authorize URIs can be found on interopstation.com, Document Library, InterOp Station API Endpoints, OAuth 2 URL for the environment for which you are trying to connect.
- Redirect URI (required). From your application or the oauthdebugger.com/debug select Redirect URI. In your code, use the variable: redirect_uri





c. Client ID (required). In your code, use the variable: client_id OAuth 2.0 <debugger/> You can get the client id from your application's page on InterOp Station under App Credentials. d. **Scope** (required). In your code, use the variable: scope This is the application scope you chose while registering your application. e. State (required). In your code, use the variable: state Type a text string. f. **Nonce** (required). In your code, use the variable: nonce

- g. **Response type** (required). In your code, use the variable: **response_type**The default value is **code**. Select **token** if you have a Response type.
- h. **Response mode** (required). In your code, use the variable: **response_mode=query**

This value must be unique for each request.

An example of the URL after the parameters above have been updated can be found at <u>Debugging and validating an OAuth connection</u> in the appendix.





2. After the application connects, you will be redirected to the patient User Login. Once you log in, your test patient will display along with the password.

> Note: Rose Beltran is a patient in the Development environment. Verify the username and password match the environment you are working in, for example, Development or Production.

3. The following notifications display using the language that the Payer inserts indicating that the patient will be providing their personal health information (PHI) to a third-party.

Interoperability Disclaimer: Patient Access API Warning: You are about to share your personal health information with a 3rd party. The application is requesting permission to read: Your information of type "Demographic" Your information of type "ExplanationOfi r information of type "Coverage" OAuth 2.0 <debugger/> Success! C Start over The flow was successful. The authorization server responded with an authorization code because the flow was started with the code response type.

4. The **Success!** message will display with your Authorization code for Postman.



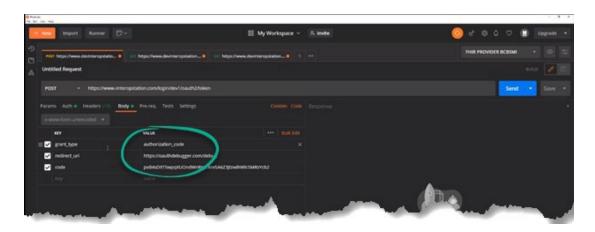




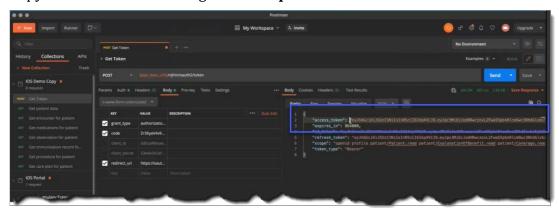


Connecting to InterOp Station

- 1. Copy your token and then navigate to and open **Postman**.
- 2. Using your **Body** tab:
 - enter your Client ID and Secret,
 - enter your grant_type key value,
 - enter your redirect_uri key value,
 - and then Paste your authorization code as your **code** key value.



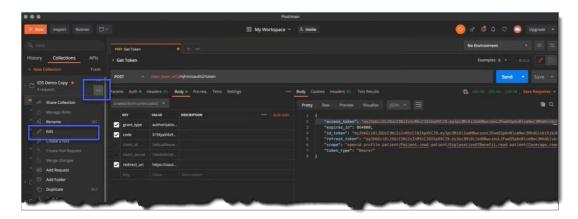
3. Copy the **Access** token string in the **Response** window.







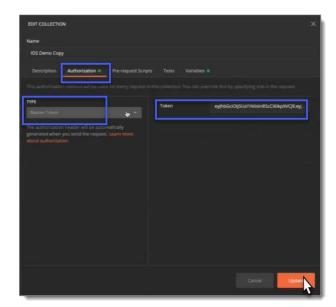
- 4. On the left navigation menu, click on the **More** horizontal ellipses for options to manage your collection.
- 5. Click on **Edit** to bring up the **Edit Collection** form.



6. Click on the **Authorization** tab and paste the token in the **Token** field.

Note: The **Type** should be set to **Bearer Token**.

7. Click **Update**.

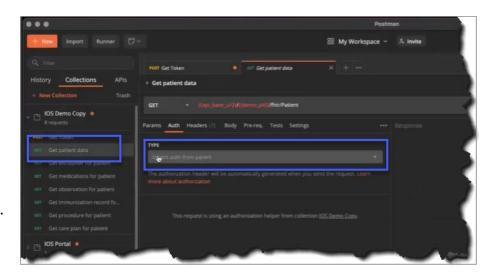




Testing a third-party app connection to InterOp Station for development

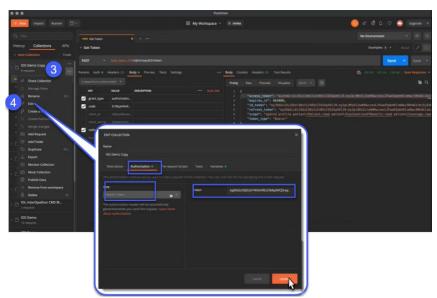
Using the information below, you will be able to test whether you can connect and test for data.

- 1. On the left side menu, click **Get patient data** to open the **Get patient data** form.
- 2. On the Auth tab, select inherit auth from parent in Type dropdown menu.



- 3. Click on the **More** horizontal ellipses for options to manage your collection.
- 4. Click on Edit. The Edit Collection form appears.

Note: Confirm **Bearer Token** is the selected token type on the **Auth** tab.

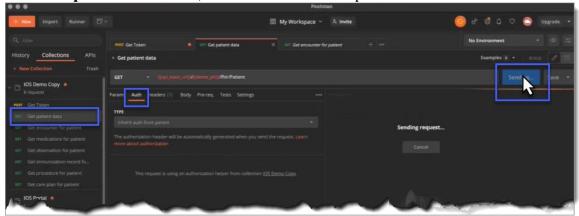




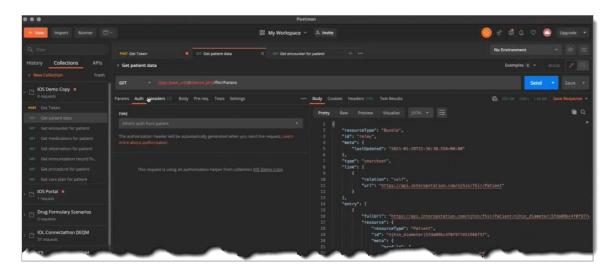




- 5. On the left side menu, click **Get patient data**.
- 6. On the **Get patient data** form, click **Send** to retrieve patient data.



7. Patient data displays in the **Response** section of the **Get patient data** form.



8. Repeat Steps 1 through 7 to retrieve other patient data categories from your collection.





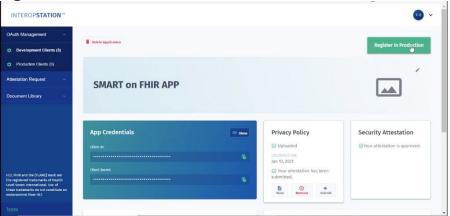
Registering a third-party app for production clients in InterOp Station

Caution! When you register an app in Production you will be accessing HIPAA-protected data.

After successfully uploading your Security Attestation and Privacy Policy, navigate to the

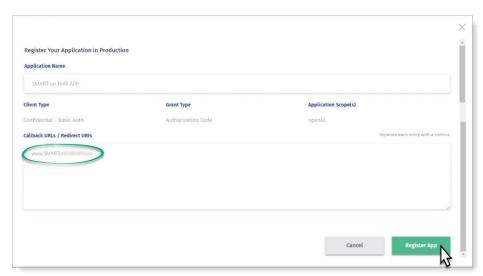
Application Dashboard.

1. Click **Register in Production**.



 In the Register Your Application in Production form, type the Callback URLS

> / Redirect URIs for each application as shown in the example.

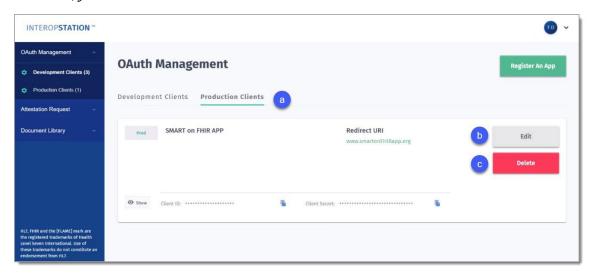


3. Click **Register App**.

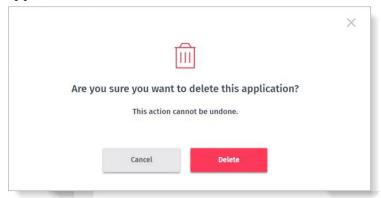


- 4. In **OAuth Management**, click **Production Clients** on your sidebar navigation menu.
 - a. Click the **Production Clients** tab to view a list of your registered apps in production.
 - b. Use your **Edit** tool as noted in the *Development Clients* section above.
 - c. Use your **Delete** tool to remove an app from Production. If you choose to delete your Sandbox version, you must navigate to the **Development Clients** tab and delete it there as well.

Tip: A best practice is to query test records to confirm your app is registered correctly. Use the Postman App for querying records. To query the test Payer record, you must have an associated test Patient record.



5. When the **Are you sure you want to delete this application?** message displays, click **Delete** to remove your app from Production.







Testing a third-party app connection in InterOp Station production Patient Access API

Follow the same steps as outlined in the section <u>Testing a third-party app connection to</u> <u>InterOp Station for development</u> above. Instead of a patient name and password as shown in Step 2, you will need to use the credentials for a synthetic user.

Note: Production testing uses credentials for a synthetic user. The Development environment will only connect to Development client third-party applications in InterOp Station. The Production environments, for example, BCBSM and NJHIN, will only connect to Production client third-party applications in InterOp Station.

The synthetic user credentials for testing are:

Environment: Development

Username: RoseBeltran

Password: [Autofilled in UI]

Environment: BCBSM (Production)

Username: mihintest1

Password: 5Y^&!blp

Environment: NJHIN (Production)

Username: mihintest@protonmail.com

Password: 5kPt6Ridj83PiVm

Environment: MDHHS (Production)

Username: appletester

Password: Password1\$



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InterOp Station Third-party Developer Portal User Guide

Provider Directory API

Third-party app developers should use the following Provider Directory endpoints to connect to the InterOp Station production environment:

- https://api.interopstation.com/[tenant]/fhir/Endpoint
- https://api.interopstation.com/[tenant]/fhir/HealthcareService
- https://api.interopstation.com/[tenant]/fhir/InsurancePlan
- https://api.interopstation.com/[tenant]/fhir/Location
- https://api.interopstation.com/[tenant]/fhir/OrganizationAffiliation
- https://api.interopstation.com/[tenant]/fhir/Organization
- https://api.interopstation.com/[tenant]/fhir/PractitionerRole
- https://api.interopstation.com/[tenant]/fhir/Practitioner

Where [tenant] is the tenant/payer that is being queried. See the following table for the tenant name for each customer.

Customer Name	Tenant
Blue Cross Blue Shield of Michigan	bcbsm
McLaren Health Plan	mhp
McLaren MDwise	mdw
Upper Peninsula Health Plan (UPHP)	uphp
Michigan Department of Health and Human Services	mdhhs
New Jersey Medicaid / Family Care	njios



Debugging and validating an OAuth connection

Here is an example of the URL after the parameters above have been updated:

https://api.interopstation.com/dev1/oauth2/authorize?
redirect_uri=https://oauthdebugger.com/debug
&client_id=client_id&scope=openid profile patient/Patient.read
patient/ExplanationOfBenefit.read patient/Encounter.read patient/Procedure.read
patient/Observation.read patient/Condition.read patient/Immunization.read
patient/DiagnosticReport.read
patient/ServiceRequest.read&state=test&nonce=kbbuk9mhz2n
&response_type=code&response_mode=query

Note: **dev1** is an example tenant. Please use the tenant you are actually targeting, if not **dev1**.

Splash Page

Here is an image of the splash page that New Jersey Medicaid / Family Care is requiring to appear in the third-party app. The splash page shown here *must* be included in the user interface. When the user clicks on **Link Data Provider** in the [customer] **Medicaid** / **Family Care** section, the splash page must display. To close the splash, click the **Close** button (X) in upper right corner

