



Version 1.8.0

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Introduction

Welcome to the Adhere API. This API provides programmatic access to member eligibility services by generating and processing X12 270/271 requests in real-time.

All endpoints are secured through the Azure API Management gateway.

Base URL

All API endpoints described in this document are relative to the following public base URL:

```
https://adhereapim.azure-api.net/api
```

Authentication

Authentication is handled via an API subscription key provided by Acceling Software. You must include this key in the header of every request.

- **Header Name:** `Ocp-Apim-Subscription-Key`
- **Value:** `Your_Assigned_Subscription_Key`

Requests made without a valid subscription key will be rejected by the API gateway with a `401 Unauthorized` error.

What's New in Version 1.8.0

This version introduces major performance improvements, significantly reducing latency for high-volume requests.

- **Up to 4x Faster Processing:** The `/eligibility` endpoint has been re-architected to process member IDs concurrently. This has drastically reduced the end-to-end processing time for large batches.
 - **New Performance Benchmark:** In testing, processing a list of **400 member IDs** now typically completes in **approximately 20 seconds**.
 - **Faster Date Range Checks:** The `/daterange` endpoint now also processes requests in parallel, resulting in much faster responses when checking long date ranges.
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Endpoints

1. Health Check

A simple endpoint to verify that the API is online and reachable through the gateway.

GET /

Description

This endpoint can be used as a basic "ping" to confirm service availability.

Example Requests

cURL

```
curl -X GET \  
  'https://adhereapim.azure-api.net/api/' \  
  --header 'Ocp-Apim-Subscription-Key: Your_Assigned_Subscription_Key'
```

Python (requests)

```
import requests  
  
api_key = 'Your_Assigned_Subscription_Key'  
base_url = 'https://adhereapim.azure-api.net/api'  
endpoint = '/'  
  
headers = {  
    'Ocp-Apim-Subscription-Key': api_key  
}  
  
try:  
    response = requests.get(base_url + endpoint, headers=headers)  
    response.raise_for_status()  
    print(response.json())  
except requests.exceptions.RequestException as e:  
    print(f"An error occurred: {e}")
```

Node.js (axios)

```
const axios = require('axios');

const apiKey = 'Your_Assigned_Subscription_Key';
const baseUrl = 'https://adhereapim.azure-api.net/api';
const endpoint = '/';

const headers = {
  'Ocp-Apim-Subscription-Key': apiKey
};

axios.get(baseUrl + endpoint, { headers })
  .then(response => {
    console.log(response.data);
  })
  .catch(error => {
    console.error('An error occurred:', error.response ? error.response.data : error.message);
  });
```

Success Response (200 OK)

```
{
  "status": "ok",
  "message": "Welcome to the Adhere API!"
}
```

2. Check Current Eligibility for a List of Members

Performs a real-time check for the current eligibility status for a list of one or more member IDs, specifically looking for HCBS Waiver or Pathways coverage.

POST /api/eligibility

Description

This is the primary bulk processing endpoint. It accepts a JSON array of `member_ids`, generates an X12 270 request for each, and returns a corresponding array of result objects derived from the X12 271 response.

Request Body

Field	Type	Description	Required
<code>member_ids</code>	<code>array[string]</code>	An array of member IDs to be processed.	Yes

Example Requests

cURL

```
curl -X POST \
  'https://adhereapim.azure-api.net/api/eligibility' \
  --header 'Ocp-Apim-Subscription-Key: Your_Assigned_Subscription_Key' \
  --header 'Content-Type: application/json' \
  --data-raw '{
    "member_ids": [
      "111111111111",
      "222222222222",
      "333333333333"
    ]
  }'
```

Python (requests)

```
import requests
import json

api_key = 'Your_Assigned_Subscription_Key'
base_url = 'https://adhereapim.azure-api.net/api'
endpoint = '/eligibility'

payload = {
    "member_ids": [
        "111111111111",
        "222222222222",
        "333333333333"
    ]
}

headers = {
    'Ocp-Apim-Subscription-Key': api_key,
    'Content-Type': 'application/json'
}

try:
    response = requests.post(base_url + endpoint, headers=headers, data=json.dumps(payload))
    response.raise_for_status()
    print(response.json())
except requests.exceptions.RequestException as e:
    print(f"An error occurred: {e}")
```

Node.js (axios)

```

const axios = require('axios');

const apiKey = 'Your_Assigned_Subscription_Key';
const baseUrl = 'https://adhereapim.azure-api.net/api';
const endpoint = '/eligibility';

const payload = {
  "member_ids": [
    "111111111111",
    "222222222222",
    "333333333333"
  ]
};

const headers = {
  'Ocp-Apim-Subscription-Key': apiKey,
  'Content-Type': 'application/json'
};

axios.post(baseUrl + endpoint, payload, { headers })
  .then(response => {
    console.log(response.data);
  })
  .catch(error => {
    console.error('An error occurred:', error.response ? error.response.data : error.message);
  });

```

Success Response (200 OK)

The response is a JSON array of objects. Each object contains the detailed eligibility status for a single member.

Field	Type	Description
member_id	string	The original member ID this result corresponds to.
patient	string	The patient's name as returned in the X12 response (Last, First M).
waiver_status	string	The primary eligibility status. Will be <code>Eligible</code> if a Waiver or HCBS benefit is found; otherwise <code>Not Eligible</code> or an error message.
mce	string	The Managed Care Entity found (e.g., "HUMANA HEALTHY HORIZONS").
coverage	string	The specific benefit description found (e.g., "Aged and Disabled HCBS Pathways").
start_date	string	The coverage start date in <code>YYYYMMDD</code> format.
end_date	string	The coverage end date in <code>YYYYMMDD</code> format, if available.

Example Success Response

```
[
  {
    "member_id": "111111111111",
    "patient": "DOE, JANE A",
    "waiver_status": "Eligible",
    "mce": "ANYTOWN HEALTH PLAN",
    "coverage": "Aged and Disabled HCBS Pathways",
    "start_date": "20250101",
    "end_date": "20251231"
  },
  {
    "member_id": "222222222222",
    "patient": "SMITH, JOHN B",
    "waiver_status": "Not Eligible",
    "mce": "STATE MEDICAID OFFICE",
    "coverage": null,
    "start_date": null,
    "end_date": null
  },
  {
    "member_id": "333333333333",
    "patient": "PUBLIC, JOHN Q",
    "waiver_status": "Eligible",
    "mce": "COMMUNITY CARE CONNECT",
    "coverage": "Health and Wellness Waiver",
    "start_date": "20250801",
    "end_date": "20250831"
  }
]
```

3. Check Daily Eligibility for a Single Member

Checks the eligibility status for a single member for each day within a specified date range.

POST /api/daterange

Description

This endpoint is used to audit or verify coverage for a single member over a period of time. For each day in the provided range, it generates a unique X12 270 request and parses the response to determine if the member had active HCBS Waiver or Pathways coverage on that specific day.

Request Body

Field	Type	Description	Required
member_id	string	The ID of the single member to check.	Yes

Field	Type	Description	Required
start_date	string	The first date of the range in YYYYMMDD format.	Yes
end_date	string	The last date of the range in YYYYMMDD format.	Yes

Example Requests

cURL

```
curl -X POST \
  'https://adhereapim.azure-api.net/api/daterange' \
  --header 'Ocp-Apim-Subscription-Key: Your_Assigned_Subscription_Key' \
  --header 'Content-Type: application/json' \
  --data-raw '{
    "member_id": "111111111111",
    "start_date": "20250301",
    "end_date": "20250303"
  }'
```

Python (requests)

```
import requests
import json

api_key = 'Your_Assigned_Subscription_Key'
base_url = 'https://adhereapim.azure-api.net/api'
endpoint = '/daterange'

payload = {
    "member_id": "111111111111",
    "start_date": "20250301",
    "end_date": "20250303"
}

headers = {
    'Ocp-Apim-Subscription-Key': api_key,
    'Content-Type': 'application/json'
}

try:
    response = requests.post(base_url + endpoint, headers=headers, data=json.dumps(payload))
    response.raise_for_status()
    print(response.json())
except requests.exceptions.RequestException as e:
    print(f"An error occurred: {e}")
```

Node.js (axios)


```

const axios = require('axios');

const apiKey = 'Your_Assigned_Subscription_Key';
const baseUrl = 'https://adhereapim.azure-api.net/api';
const endpoint = '/daterange';

const payload = {
  "member_id": "111111111111",
  "start_date": "20250301",
  "end_date": "20250303"
};

const headers = {
  'Ocp-Apim-Subscription-Key': apiKey,
  'Content-Type': 'application/json'
};

axios.post(baseUrl + endpoint, payload, { headers })
  .then(response => {
    console.log(response.data);
  })
  .catch(error => {
    console.error('An error occurred:', error.response ? error.response.data : error.message);
  });

```

Success Response (200 OK)

The response is a JSON array of objects, one for each day from `start_date` to `end_date`.

Field	Type	Description
<code>date</code>	<code>string</code>	The specific date this result applies to, in <code>YYYYMMDD</code> format.
<code>status</code>	<code>string</code>	<code>Eligible</code> if a relevant waiver was found for this date; otherwise <code>Not Eligible</code> .
<code>reason</code>	<code>string</code>	The specific waiver name found (e.g., "Aged and Disabled HCBS Pathways") or the reason for non-eligibility.
<code>mce</code>	<code>string</code>	The Managed Care Entity associated with the coverage for that day. Will be <code>N/A</code> if not eligible.

Example Success Response

```
[
  {
    "date": "20250301",
    "status": "Eligible",
    "reason": "Aged and Disabled HCBS Pathways",
    "mce": "ANYTOWN HEALTH PLAN"
  },
  {
    "date": "20250302",
    "status": "Eligible",
    "reason": "Aged and Disabled HCBS Pathways",
    "mce": "ANYTOWN HEALTH PLAN"
  },
  {
    "date": "20250303",
    "status": "Not Eligible",
    "reason": "No HCBS Waiver or Pathways coverage found.",
    "mce": "N/A"
  }
]
```

Appendix: Support and API Improvement

We are committed to providing a stable and useful API. Your feedback is crucial for identifying issues and guiding future improvements.

Contact Information

For all technical support, bug reports, feature requests, or questions regarding the API, please contact our support team:

- **Email:** support@accelingsoftware.com

When reporting an issue, please include as much detail as possible to help us resolve it quickly: - The endpoint you were using (e.g., `/api/eligibility`). - The approximate time of the request. - The request body you sent (with any sensitive data redacted). - The response you received from the API. - If possible, a `traceId` or `correlationId` from the response headers.

Ideas for Future Improvements

We welcome suggestions for how to make this API more useful for our partners. If you have ideas for new features or enhancements to existing ones, please let us know. Some areas we are considering for future development include: - **New Endpoints:** Are there other data points or workflows you need to automate? - **Data Formats:** Would you benefit from additional fields in the response objects? - **Webhook Callbacks:** Would you prefer an asynchronous workflow where you submit a job and we notify your system via a webhook when processing is complete? - **Performance Enhancements:** Do you have use cases that require higher throughput or lower latency than you are currently experiencing?

Please send any and all ideas to support@accelingsoftware.com.

Error Handling and Troubleshooting

- **401 Unauthorized** : This error means your `Ocp-Apim-Subscription-Key` is either missing or invalid. Please verify your key and ensure it is correctly placed in the request header. If the issue persists, contact support to confirm your subscription status.
 - **422 Unprocessable Entity** : This error indicates that the request body you sent was not in the expected format (e.g., a field is missing, dates are in an invalid format, or `member_ids` is not an array). The response body will contain a detailed JSON object explaining which fields were invalid. Please review the documentation for the specific endpoint and correct your request structure.
 - **500 Internal Server Error** : If you receive this error, it means an unexpected problem occurred on our end. We are automatically notified of these errors, but we encourage you to report them to support with the details mentioned above to help us correlate and resolve the issue faster.
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