



ACCUZIP EDDM UI REST API CALLS

100% Cloud Based EDDM List Creation

[Abstract](#)

EDDM UI to select Carrier Route Boundaries throughout the United States

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AccuZIP EDDM Web Service Integration

Overview:

The AccuZIP EDDM Web Service provides a RESTful integration option and a user interface to select the carrier routes on a map. In order to use this service, you will need a valid API Key. You may use the same API Key as you do with the AccuZIP Direct Mail RESTful API.

Integration within your website:

This allows you add any company branding information to the EDDM UI route selection.

In the examples below, we will assume your website is running at <http://mysite.com> and that you have created a file, `eddm.html` on your web service with the ability to run JavaScript. The specific names and programming languages can change, but we will use those names for the rest of this documentation example.

The process starts when the user navigates to your site at: <http://mysite.com/eddm.html>.

On load of your web page, you will need to start a new request with the AccuZIP EDDM Web Service by calling a HTTP POST.

- **URL**

https://cloud2.iaccutrace.com/servoy-service/rest_ws/mod_eddm/ws_auto

- **Method:**

POST

- **Header Params**

Content-Type application/json



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- **Data Params**

```
{  
  "callback_url": "http://mysite.com/eddm-complete.html",  
  "API_KEY": "YourAPIKey",  
  "EDDM_version": 3  
}
```

- The `callback_url` is the URL on your website where the user's browser will redirect to when the user has completed their interaction with the EDDM user interface (by clicking the Save or Cancel button).
- Contact AccuZIP to get your `API_KEY`, or use the `API_KEY` provided to you for use with AccuZIP Direct Mail Solution RESTful API.

- **Success Response:**

```
{"guid": "<guid>","eddm_url": "https://cloud2.iaccutrace.com/eddm3/?GUID=<guid>"}
```

- **Error Response:**

```
Content: {"javaClass": "org.mozilla.javascript.Undefined"}
```

Load the `eddm_url` returned from the Success Response to display the EDDM UI (User Interface) so the user can select the EDDM routes. The `<guid>` value is a unique GUID representing your request id.



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✚ Display the EDDM UI:

- Embed the eddm_url into an iframe: `<iframe src=" https://cloud2.iaccutrace.com/eddm3/?GUID=<guid>" width="100%" height="100%" frameborder="0" border="0" scrolling="auto"></iframe>`

The user will now see the user interface and have the ability to click on the map to select the desired routes.

✚ Postman Example:

A screenshot of the Postman REST client interface. The top bar shows a POST request to the URL 'https://cloud2.iaccutrace.com/servoy-service/rest_ws/mod_eddm/ws_new'. The 'Body' tab is selected, showing a JSON request body:

```
{
  "callback_url": "http://mysite.com/eddm-complete.html",
  "API_KEY": "{api_key}",
  "EDDM_version": 3
}
```

 Below the request, the response is shown in the 'Body' tab, displaying a JSON object:

```
{
  "guid": "AA95F4BC-6703-4D5E-BB3E-4D076E69687B",
  "eddm_url": "https://cloud2.iaccutrace.com/eddm/?GUID=AA95F4BC-6703-4D5E-BB3E-4D076E69687B"
}
```

 The status bar indicates a 200 OK response with a time of 253 ms.

- Use the eddm_url in the iFrame or redirect to display the EDDM UI.



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Get the Estimated Postage Amounts

Use this web service call after the customer has completed their route selection (Method 1).

- **URL**

`https://cloud2.iaccutrace.com/servoy-service/rest_ws/ws_360/<ver>job/<guid>/QUOTE/true`

- **Method:**

`GET`

- **URL Params**

Required:

`<guid>` {guid} returned in the POST method

`<ver>` v2_0

- **Success Response:** (Please note that this JSON object will include more objects that will be in an update document the week of July 7, 2014)

Content: `{"format":"","Estimated_Postage_Standard_Letter":"$363","Total_Residential":"1,524","drop_zip":"","Estimated_Postage_Standard_Flat":"$386","total_postage":"","Standard_Letter":"$509","success":true,"presort_class":"","mail_piece_size":"","Total_Possible":"1,797","Standard_Flat":"$1,375","postage_saved":""}`

- Use the “Estimated_Postage_*” JSON objects to get the Estimated Postage Amount the customer will pay the USPS®. The other amounts, i.e., “Standard_Flat” are the Postage Savings vs. a First-Class Rate for that size of mail-piece.

- **Error Response:**

Content: `{"success": false, "message": "Unable to explicitly generate QUOTE for this GUID"}`