



Create Manifest

1. Overview

The Create Manifest endpoint allows you to group multiple, existing consignments into a single shipping manifest. A manifest is a summary document that consolidates shipment information, typically for a specific carrier on a specific day, to be used by the driver for pickup.

This operation links consignments together. It returns a unique manifestNumber which can be used to track the collection as a whole or to generate a printable manifest document via other endpoints.

2. Authentication

All requests to the Kamion API must be authenticated. Authentication is performed via an JWT token sent in the request header. The JWT token can be obtained via the Authentication API. The JWT has a TTL of 5 minutes.

Header	Description
Authorization	Required. Your unique secret JWT.

Kamion recommends to keep your tokens/keys secure and do not expose them in client-side code.

3. Endpoint

Environment	Endpoint
UAT	<code>https://customer-integration-api-uat.kamion.com.au/api/manifest</code>
Production	<code>https://customer-integration-api.kamion.com.au/api/manifest</code>

4. Data Model

The body of the POST request must be a JSON object containing the manifest details.

Request Body

Field	Type	Required	Description
companyCode	string	Yes	Your unique company identifier.
consignmentNumbers	array[string]	Yes	An array of unique ids for the consignments to be included in this manifest, separated by commas.

			These consignments must exist and not be on another manifest.
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Response Body

A successful request will return a 201 Created status and a JSON body containing the newly created manifest object.

Manifest Object

Field	Type	Description
manifestNumber	string	The final, system-confirmed manifest number for the created manifest.

5. Example Request and Response

Example Request (cURL)

```

1 curl -X 'POST' \
2   'https://customer-integration-api-uat.kamion.com.au/api/manifest' \
3   -H 'accept: application/json' \
4   -H 'Authorization: YOUR_SECRET_API_KEY' \
5   -H 'Content-Type: application/json' \
6   -d '{
7     "companyCode": "WILLCO",
8     "consignmentNumbers": [
9       10567,
10      ADHREG568,
11      10569
12    ]
13  }'
```

Example Success Response

Status: 201 Created

```

1 {
2   "manifestNumber": "KAM-MAN-20250708-001",
3 }
4
```

6. Error Handling

When an API call fails, the response body will contain a JSON object with details about the error.

Error Response Format

```

1 {
2   "type": "https://tools.ietf.org/html/rfc9110#section-15.5.1",
3   "title": "One or more validation errors occurred.",
4   "status": 400,
5   "errors": {
```

```

6   "ConsignmentNumbers": [
7     "At least one consignment number is required."
8   ],
9   "CustomerCode": [
10    "Customer code is required."
11  ]
12 }
13 }

```

7. Status Codes

Code	Meaning	Description
201	Created	The manifest was successfully created.
400	Bad Request	The request was malformed or failed validation (e.g., consignmentNumbers is empty, or a consignment is already manifested).
401	Unauthorised	The JWT is missing, invalid, or expired.
403	Forbidden	The JWT is valid but does not have permission for this action.
404	Not Found	One or more of the consignmentNumbers provided does not correspond to an existing consignment.
429	Too Many Requests	You have exceeded the rate limit. See the Retry-After header.
500	Internal Server Error	A generic error occurred on our end. Please contact Kamion Support.

8. Rate Limits

This endpoint is designed for batch operations and is rate-limited accordingly.

- **12 requests per minute** per JWT.

If you exceed this limit, you will receive a 429 Too Many Requests response. The Retry-After header will indicate how many seconds to wait before making a new request.

9. Development / Testing Tools

The following tools are available, without warranty, for development and testing purposes.

Tool	
UAT - Swagger	 Swagger UI

9. Terms of Use

- This API is provided for use by authorised customers and partners only.
- By using this API, you agree to our full [Terms of Service](#).
- Misuse of the API, including attempting to circumvent rate limits or security, may result in the revocation of your API key.

10. Changelog

- **2024-01-20 - v1.1.0**
 - **NEW:** Initial release of the Create Manifest API.