



Connected World Distributions API Reference Guide

Revision 00

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Table of Contents

About This Guide	1
Accessing the Portal	1
Related Documentation	1
Acronym List.....	2
Customer Support	2
1.0 Connected World Distributions APIs	3
Connected World Distribution APIs.....	3
POST Create Distribution	3
Get Distributions.....	8
GET Initiate Distribution.....	11
PATCH Update Distribution	13
Appendix A – Revision History	19

About This Guide

This guide describes the Connectbase Application Program Interface (API) Connected World Distributions APIs.

Accessing the Portal

Using any standard web browser, you can access the Connectbase API portal by entering the following URL: <https://developer.connectbase.com>.

- If this is your first time visiting the site, click **Sign up** to register as a new API user.
- If you are already a registered user, sign in using your API login and password.

Related Documentation

Refer to the following documents for detailed information about each of the supported Connectbase API products:

- *Address Autocomplete API Reference Guide*
- *Address Validation API Reference Guide*
- *Advanced CPQ API Reference Guide*
- *Building Competitive Rating API Reference Guide*
- *Connectbase Developer Portal Overview Guide*
- *Connected World Availability API Reference Guide*
- *Connected World Account API Reference Guide*
- *Connected World Building API Reference Guide*
- *Connected World Building Lists API Reference Guide*
- *Connected World Contacts API Reference Guide*
- *CPQ API Reference Guide*
- *CPQ Components Management API Reference Guide*
- *Demand Engine API Reference Guide*
- *Geocode API Reference Guide*
- *International Processor API Reference Guide*
- *Locations Intelligence API Reference Guide*

- *Network Intelligence API Reference Guide*
- *Network Path API Reference Guide*
- *NNI Management API Reference Guide*
- *Rate Card Management API Reference Guide*
- *Route Management API Reference Guide*
- *Tenant API Reference Guide*

Acronym List

This document uses the following acronyms.

Acronym	Description
API	Application Program Interface
CPQ	Configure, Price, Quote
HTTP	Hyper Text Transfer Protocol
JSON	JavaScript Object Notation
N/A	Not applicable
URL	Uniform Resource Locator
USPS	United States Postal Service
WISP	Wireless Internet Service Provider

Customer Support

If you need assistance using the APIs, please contact Customer Service by email at support@connectbase.com or by phone at (508) 202-1807 between the hours of 8:00 a.m. and 5:00 p.m. EST.

1.0 Connected World Distributions APIs

Connected World Distribution APIs

The following APIs enable you to create, get, initiate or update a distribution.

- [POST Create Distribution](#)
- [GET Get Distributions](#)
- [PATCH Update Distribution](#)

POST Create Distribution

Use this call to create a distribution using the request body.

Requirements and Special Considerations
This API call requires the company Id and subscription key.

Request URL
https://api.connected2fiber.com/v1/distributions/[?companyId]

Request parameters	Characteristic	Description/Requirements
companyId	number	Your Company Identifier

Request headers	Characteristic	Description/Requirements
Content-Type	string	Media type of the body sent to the API.
Ocp-Apim-Subscription-key	string	The subscription key that provides access to this API, which can be found in your Profile.

Request Body Attributes	Mandatory	Values/Requirements
building_lists	Yes	Passed as an array of list IDs: [“list_id”: 123, “list_id”:456]
contacts	Yes	Passed as an array of contact IDs: [“contact_id”: 123, “contact_id”:456]
export_format	Yes	• AT&T BLEAP • Connectbase Full Long Building List Format • Connectbase Medium • Connectbase Standard • CenturyLink • Cogent • Comcast • Cox Standard • Crown Castle • ExteNet • FirstLight • Indatel • Level 3 (equivalent to CenturyLink in the user interface) • Segra • Sprint • T-Mobile • Uniti Fiber • Verizon Cameo • Wave Wholesale • Windstream • Zayo Ethernet • Zayo OnNet Building List Format • Zayo Tranzact 2b 2 TLR

		• Zayo Wave
frequency	Yes	• On Demand • Daily • Weekly • Monthly • Quarterly • Annual
start_date	No	MM-dd-yyyy format
expiry_date	No	MM-dd-yyyy format

Request body
<pre>{ "building_lists": [{ "list_id": 4719 }], "contacts": [{ "contact_id": 16719 }], "export_format": "AT&T BLEAP", "frequency": "On Demand", "start_date": "09-13-2019", "expiry_date": "" }</pre>

Success Response Example

```
{
  "code": 200,
  "message": "Distribution created successfully.",
  "hasError": false,
  "detailMessage": null,
  "distribution": {
    "distribution_id": 6131,
    "building_lists": [{
      "list_id": 4719
    }],
    "contacts": [{
      "contact_id": 16719
    }],
    "export_format": "AT&T BLEAP",
    "frequency": "On Demand",
    "start_date": "09-13-2019"
  }
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
code	Indicates 200 = Success or 400 = Failure of the API request.	int
message	For example, Contact added successfully.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
hasError	Indicates if an error occurred; true/false	boolean
detailMessage	Detailed error message, where applicable.	string
distribution	object wrapper	object
distribution_id	A unique system generated ID used to identify the distribution.	int
building_lists	object wrapper	array
list_id	A unique system generated ID used to identify the building list.	int
contacts	object wrapper	array
contact_id	A unique system generated ID used to identify the distribution contact.	int
email	The email address of the contact.	string
export_format	The export format to be used for the distribution, such as AT&T BLEAP.	string
frequency	The frequency in which the distribution is to be sent, for example, On Demand, Monthly, etc.	string
start_date	The start date for the frequency in which the distribution is sent.	string
expiry_date	The date in which the configured distribution is set to expire.	string

Error Response Example

```
{  
  "statusCode": 401,  
  "message": "Access denied due to invalid input. Please ensure that the  
subscription key and companyId are accurate."  
}
```

Get Distributions

Requirements and Special Considerations

This API requires the company Id and subscription key. Other request parameters are optional, but they enable you to refine or limit your search criteria.

Request URL

[https://api.connected2fiber.com/v1/distributions/\[?companyId\]\[&page\]\[&size\]\[&query_term\]\[&sort_by\]\[&order_by\]](https://api.connected2fiber.com/v1/distributions/[?companyId][&page][&size][&query_term][&sort_by][&order_by])

Request parameters	Characteristic	Description/Requirements
companyId	number	Company Identifier
page (optional)	number	Page number to return results. By default, start with first page value as 1.
size (optional)	number	Number of records returned per page. The default is 10.
query_term (optional)	string	Search query
sort_by (optional)	string	Sort by field. The default sort is by modified date, in descending order

Request parameters	Characteristic	Description/Requirements
order_by (optional)	string	Either “descending” or “ascending” order. The default is descending order.

Request headers	Characteristic	Description/Requirements
Ocp-Apim-Subscription-key	string	The subscription key that provides access to this API, which can be found in your Profile.

Success Response Example
<pre>{ "total": 1, "page": 1, "results": [{ "distribution_id": 6125, "building_lists": [{ "list_id": 4719, "list_name": "OnNet Fiber in MA" }], "contacts": [{ "contact_id": 16719, "email": "support@connectbase.com" }], "export_format": "Connectbase Standard", "frequency": "On Demand",] }</pre>

```

    "start_date": "09-12-2019"

  }]
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
total	The total number of contacts returned in the request.	int
page	Indicates the page number in the response.	int
results	object wrapper	array
distribution_id	A unique system generated ID used to identify the distribution.	int
building_lists	object wrapper	array
list_id	A unique system generated ID used to identify the building list.	int
list_name	The name assigned to uniquely identify the distribution list.	string
contacts	object wrapper	array
contact_id	A unique system generated ID used to identify the distribution contact.	int
email	The email address of the contact.	string
export_format	The export format to be used for the distribution, such as AT&T BLEAP.	string
frequency	The frequency in which the distribution is to be sent, for example, On Demand, Monthly, etc.	string
start_date	The start date for the frequency in which the distribution is sent.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
expiry_date	The date in which the configured distribution is set to expire.	string

Error Response Example
<pre>{ "statusCode": 401, "message": "Access denied due to invalid input. Please ensure that the subscription key and companyId are accurate." }</pre>

GET Initiate Distribution

Issue this call to trigger a distribution using the distribution_id.

Requirements and Special Considerations
This API call requires the company Id, distribution Id and subscription key.

Request URL
https://api.connected2fiber.com/v1/distributions/[?companyId]

Request parameters	Characteristic	Description/Requirements
companyId	number	Company Identifier
distributionId	number	Distribution Identifier

Request headers	Characteristic	Description/Requirements
Content-Type	string	Media type of the body sent to the API.
Ocp-Apim-Subscription-key	string	The subscription key that provides access to this API, which can be found in your Profile.

Success Response Example
<pre>{ "message": "Distribution initiated successfully" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
message	Indicates Success or Failure of the distribution, for example, “Distribution initiated successfully”	string

Error Response Example

```
{
  "statusCode": 404,
  "message": "DistributionId is not valid for this account"
}
```

PATCH Update Distribution

Issue this call to update distributions by distribution Id, using the request body.

Requirements and Special Considerations

This API call requires the distribution Id, company Id and subscription key.

Request URL

[https://api.connected2fiber.com/v1/distributions/{distributionId}\[?companyId\]](https://api.connected2fiber.com/v1/distributions/{distributionId}[?companyId])

Request parameters	Characteristic	Description/Requirements
distributionId	number	The Distribution Identifier
companyId	number	The Company Identifier

Request headers	Characteristic	Description/Requirements
Content-Type	string	Media type of the body sent to the API.
Ocp-Apim-Subscription-key	string	The subscription key that provides access to this API, which can be found in your Profile.

Request Body Attributes	Mandatory	Values/Requirements
building_lists	Yes	Passed as an array of list IDs: [{"list_id": 123, "list_id":456}]
contacts	Yes	Passed as an array of contact IDs: [{"contact_id": 123, "contact_id":456}]
export_format	Yes	• AT&T BLEAP • Connectbase Full Long Building List Format • Connectbase Medium • Connectbase Standard • CenturyLink • Cogent • Comcast • Cox Standard • Crown Castle • ExteNet • FirstLight • Indatel • Level 3 (equivalent to CenturyLink in the user interface) • Segra • Sprint • T-Mobile • Uniti Fiber • Verizon Cameo • Wave Wholesale • Windstream • Zayo Ethernet • Zayo OnNet Building List Format • Zayo Tranzact 2b 2 TLR • Zayo Wave

Request Body Attributes	Mandatory	Values/Requirements
frequency	Yes	• On Demand • Daily • Weekly • Monthly • Quarterly • Annual
start_date	No	MM-dd-yyyy format
expiry_date	No	MM-dd-yyyy format

Request body
<pre>{ "building_lists": [{ "list_id": 4719 }], "contacts": [{ "contact_id": 16719 }], "export_format": "AT&T BLEAP", "frequency": "On Demand", "start_date": "09-13-2019", "expiry_date": "" }</pre>

Success Response Example

```
{
  "code": 200,
  "message": "Distribution created successfully.",
  "hasError": false,
  "detailMessage": null,
  "distribution": {
    "distribution_id": 6131,
    "building_lists": [{
      "list_id": 4719
    }],
    "contacts": [{
      "contact_id": 16719
    }],
    "export_format": "AT&T BLEAP",
    "frequency": "On Demand",
    "start_date": "09-13-2019"
  }
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
code	Indicates 200 = Success or 400 = Failure of the API request.	int
message	For example, Contact added successfully.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
hasError	Indicates if an error occurred; true/false	boolean
detailMessage	Detailed error message, where applicable.	string
distribution	object wrapper	object
distribution_id	A unique system generated ID used to identify the distribution.	int
building_lists	object wrapper	array
list_id	A unique system generated ID used to identify the building list.	int
list_name	The name assigned to uniquely identify the distribution list.	string
contacts	object wrapper	array
contact_id	A unique system generated ID used to identify the distribution contact.	int
export_format	The export format to be used for the distribution, such as AT&T BLEAP.	string
frequency	The frequency in which the distribution is to be sent, for example, On Demand, Monthly, etc.	string
start_date	The start date for the frequency in which the distribution is sent.	string
expiry_date	The date in which the configured distribution is set to expire.	string

Error Response Example

```
{  
  "statusCode": 401,  
  "message": "Access denied due to invalid input. Please ensure that the  
subscription key and companyId are accurate."  
}
```

Appendix A – Revision History

Revision	Date	Description
00	January 19, 2023	The information in this guide was extracted from the original “Connected World Building – Silver API Reference Guide” to act as a standalone reference guide going forward.