



Connected World Contacts 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 Contacts APIs	3
Connected World Contact APIs.....	3
POST Create Contact	3
Get Contacts.....	8
PATCH Update Contact	11
Appendix A – Revision History	17

About This Guide

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

Connected World Contact APIs

The following APIs enable you to add, retrieve or update contact information. These APIs include:

- [POST Create Contact](#)
- [GET Get Contacts](#)
- [PATCH Update Contact](#)

POST Create Contact

Creates a new contact record. Fields values are specified in the request body.

Requirements and Special Considerations
--

This API call requires the company Id and subscription key.

Request URL

https://api.connected2fiber.com/v1/contacts/[?companyId]

Request parameters	Characteristic	Description/Requirements
companyId	number	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
first_name	Yes	string
last_name	Yes	string
email	Yes	string
company	Yes	string
title	No	string
contact_category	No	string: • Enterprise • Wholesale • Channel Partner • Marketing • SMB • Govt • Ed
twitter	No	string
linked_in	No	string
domain	No	string
telephone	No	string
mobile	No	string
street	No	string
city	No	string
state	No	string
postal_code	No	string
country	No	string

Request body

```
{  
  "first_name": "Joe",  
  "last_name": "Cool",  
  "email": "jcool@peanutsgang.com",  
  "company": "Peanuts Gang",  
  "title": "",  
  "contact_category": "",  
  "twitter": "",  
  "linked_in": "",  
  "domain": "",  
  "telephone": "",  
  "mobile": "",  
  "street": "",  
  "city": "",  
  "state": "",  
  "postal_code": "",  
  "country": ""  
}
```


Success Response Example

```
{
  "code": 200,
  "message": "Contact added successfully.",
  "hasError": false,
  "detailMessage": null,
  "contact": {
    "contact_id": 16720,
    "first_name": "Joe",
    "last_name": "Cool",
    "company": "Peanuts Gang",
    "email": "jcool@peanutsgang.com"
  }
}
```

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
hasError	Indicates if an error occurred; true/false	boolean
detailMessage	Detailed error message, where applicable.	string
contact	object wrapper	object

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
contact_id	A unique ID generated to identify the contact.	int
first_name	The first name of the contact.	string
last_name	The last name of the contact.	string
company	The name of the company.	string
title	The job title of the company contact.	string
email	The email address of the contact.	string
twitter	The contact's twitter account, where provided.	string
linked_in	The contact's Linked_In URL, where provided.	string
domain	The contact's domain URL, where provided.	string
telephone	The contact's phone number.	string
mobile	The contact's mobile number.	string
street	The contact's address.	string
city	The contact's city.	string
state	The contact's state.	string
postal_code	The contact's zip code.	string
country	The contact's country.	string

Error Response Example

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

Get Contacts

Issue this call to return a list of the contacts for the user of a specified company, in a JSON object.

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.

You can only retrieve contacts that you have created with your user account.

Request URL

[https://api.connected2fiber.com/v1/contacts/\[?companyId\]\[&page\]\[&size\]\[&query_term\]\[&sort_by\]\[&order_by\]](https://api.connected2fiber.com/v1/contacts/[?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 buildings returned per page. The default is 10.

Request parameters	Characteristic	Description/Requirements
query_term (optional)	string	Search by contact first name, last name
sort_by (optional)	string	Sort by field. The default sort is by contact modified date, in descending order
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": [{ "contact_id": 16720, "first_name": "Joe", "last_name": "Cool", "company": "Peanuts Gang", "email": "jcool@peanutsgang.com" }] }</pre>

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
contact_id	A unique identifier assigned to the company contact.	int
first_name	The first name of the company contact.	string
last_name	The last name of the company contact.	string
company	The name of the company.	string
title	The job title of the company contact.	string
email	The email address of the contact.	string
twitter	The contact's Twitter account, where provided.	string
linked_in	The contact's Linked_In URL, where provided.	string
domain	The contact's domain URL, where provided.	string
telephone	The contact's phone number.	string
mobile	The contact's mobile number.	string
street	The contact's address.	string
city	The contact's city.	string
state	The contact's state.	string
postal_code	The contact's zip code.	string
country	The contact's country.	string

Error Response Example

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

PATCH Update Contact

Issue this call to update a single contact with the attributes given in the request body.

Requirements and Special Considerations

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

Request URL

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

Request parameters	Characteristic	Description/Requirements
contactId	number	The contact Id to be updated
companyId	number	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
first_name	Yes	string
last_name	Yes	string
email	Yes	string
company	Yes	string
title	No	string
contact_category	No	string: - Enterprise - Wholesale - Channel Partner - Marketing - SMB - Govt - Ed
twitter	No	string
linked_in	No	string
domain	No	string
telephone	No	string
mobile	No	string
street	No	string
city	No	string

Request Body Attributes	Mandatory	Values/Requirements
state	No	string
postal_code	No	string
country	No	string

Request body
<pre>{ "first_name": "Joe", "last_name": "Cool", "email": "jcool@peanutsgang.com", "company": "Peanuts Inc.", "title": "", "contact_category": "", "twitter": "", "linked_in": "", "domain": "", "telephone": "", "mobile": "", "street": "", "city": "", "state": "", "postal_code": "", "country": "" }</pre>

Success Response Example

```
{
  "code": 200,
  "message": "Contact updated successfully.",
  "hasError": false,
  "detailMessage": null,
  "contact": {
    "contact_id": 16720,
    "first_name": "Joe",
    "last_name": "Cool",
    "company": "Peanuts Inc.",
    "email": "jcool@peanutsgang.com"
  }
}
```

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
hasError	Indicates if an error occurred; true/false	boolean
detailMessage	Detailed error message, where applicable.	string
contact	object wrapper	object

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
contact_id	A unique ID generated to identify the contact.	int
first_name	The first name of the contact.	string
last_name	The last name of the contact.	string
company	The name of the company.	string
title	The job title of the company contact.	string
email	The email address of the contact.	string
twitter	The contact's Twitter account, where provided.	string
linked_in	The contact's Linked_In URL, where provided.	string
domain	The contact's domain URL, where provided.	string
telephone	The contact's phone number.	string
mobile	The contact's mobile number.	string
street	The contact's address.	string
city	The contact's city.	string
state	The contact's state.	string
postal_code	The contact's zip code.	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 guide going forward.