



Advanced CPQ API Reference Guide

Revision 16

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About This Guide

Introduction

This guide describes the Connectbase Application Program Interface (API) Advanced Configure, Price, Quote (CPQ) APIs. The Advanced CPQ APIs enable users to create deals, configure pricing requirements, and return quotes for locations. It provides the following API:

- [Advanced CPQ, V2](#)

Accessing the Portal

Using any standard web browser, you can access the Connectbase API portal by entering the following URL: <https://developer.connected2fiber.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:

- *API Developer Portal Overview Guide*
- *Address Processor API Reference Guide*
- *Connected World Availability API Reference Guide*
- *Connected World Building Silver API Reference Guide*
- *Connected World Intelligence API Reference Guide*
- *International Address Processor API Reference Guide*
- *Network Intelligence API Reference Guide*
- *Network Path API Reference Guide*
- *CPQ Components API Reference Guide*
- *NNI Management API Reference Guide*
- *Rate Card Management API Reference Guide*
- *Route Management API Reference Guide*

Acronym List

This document uses the following acronyms:

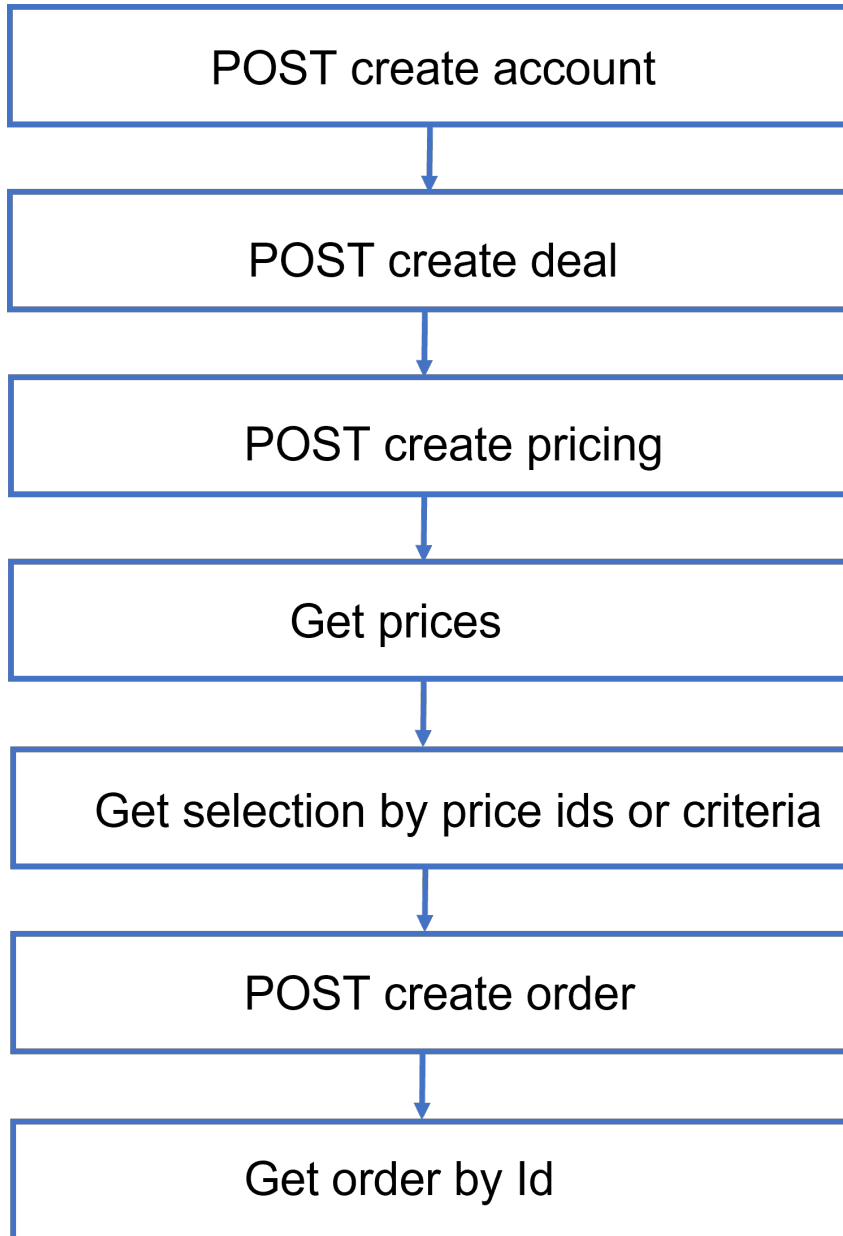
Acronym	Description
API	Application Program Interface
CPQ	Configure, Price, Quote
HTTP	Hyper Text Transfer Protocol
JSON	JavaScript Object Notation
N/A	Not applicable
URL	Uniform Resource Locator
USPS	United States Postal Service

Customer Support

If you need assistance using the Connectbase 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 CPQ Order of Operations Workflow

The following diagram shows the most common order of operations to create a CPQ Workflow. All remaining API calls are used to retrieve (GET) or update existing accounts, deals, pricing, and orders.



2.0 Advanced CPQ Rate Limit Policy

Rate Limit Policy

Advanced CPQ APIs have a set rate limit policy to control the number of requests reaching the backend service.

The [POST Create quote](#) API has a specific rate limit of 30 calls per seconds (1 minute).

The following rate limits apply for all remaining Advanced CPQ calls:

- Number of calls = 120
- Renewal period = 60 (mins)
- Increment condition = Any request

POST Create quote rate limit:

- Number of calls = 30
- Renewal period = 60 (seconds)
- Increment condition = method request only

3.0 Advanced CPQ APIs, V2

Advanced CPQ APIs, V2

The Advanced CPQ, V2, APIs include the following:

- [POST Add locations to a deal](#)
- [PATCH Change price in quote](#)
- [POST Create account](#)
- [POST Create billing account](#)
- [POST Create deal](#)
- [POST Create order](#)
- [POST Create quote](#)
- [DELETE Delete account](#)
- [DELETE Delete all locations](#)
- [DELETE Delete deal](#)
- [DELETE Delete location](#)
- [GET account by id](#)
- [GET Get accounts list](#)
- [GET Get audit logs](#)
- [GET Get billing accounts](#)
- [GET deal by id](#)
- [GET Get deals](#)
- [GET Get fallout](#)
- [GET Get list of quotes](#)
- [GET Get locations](#)
- [GET Get order by id](#)
- [GET Get prices](#)
- [GET Get quote config](#)
- [GET Get selected prices](#)
- [GET Get users companies](#)
- [POST import prices](#)
- [POST Create pricing](#)

- [PUT Set selection by criteria](#)
- [PUT Set selection by price ids](#)
- [GET Suggest company name](#)
- [PATCH Update account](#)
- [PATCH Update deal name](#)
- [PUT update price state](#)
- [PUT Update quote](#)

POST Add locations to a deal

Requirements and Special Considerations

Requires an account and deal to be created. Once a quote has been generated from a deal, new locations cannot be added. <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

Request URL

<https://api.connected2fiber.com/advanced-cpq/v2/accounts/{accountId}/deals/{dealId}/locations?companyId={companyId}>

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Request Body Attributes	Mandatory	Values/Requirements
locations	Yes	An array of strings containing an address component.
address	No	The location address (i.e., street, city, state, zip)
siteId	No	Customer provided site Id.
siteCategory	No	Customer provided site category.
siteName	No	Customer provided site name.

POST Add locations to a deal
Request body
<pre>{ "locations": [{ "address": "1961 Chain Bridge Rd, McLean, VA", "siteId": "test id", "siteCategory": "test category", "siteName": "test name" }, { "address": "3441 W Sahara Ave, Las Vegas, NV, USA" }] }</pre>

POST Add locations to a deal
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

POST Add locations to a deal
Error Response Example
<pre>{ "status": "fail", "message": "'params.accountId' must be a number" }</pre>

PATCH Change price in quote

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}quotes/{quote_id} /prices/{price_id}[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
quote_id	int	The unique id for the quote containing the pricing object.
price_id	int	The unique id of the pricing object that is being modified.
companyId	int	Your company id.

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.

Request Body Attributes	Mandatory	Values/Requirements
mrc	Yes	An int/float describing the monthly recurring revenue.
nrc	Yes	An int/float describing the non-recurring revenue.
term	Yes	Length of the term cost is associated with: <ul style="list-style-type: none"> • 12 • 24 • 36 • 48 • 60
note	No	String to notate reason for change.

PATCH Change price in quote
Request body
<pre>{ "mrc": 100, "nrc": 100, "term": 12, "note": "This is a note to change price." }</pre>

PATCH Change price in quote
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

PATCH Change price in quote
Error Response Example
<pre>{ "status": "fail", "message": "companyId wasn't provided in the query" }</pre>

POST Create account

Requirements and Special Considerations
Accounts are the top level of the CPQ workflow. Creating an account should be the first step in the CPQ workflow. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts[?companyId]

Request parameters	Characteristic	Description/Requirements
companyId	int	The authorized numeric Connectbase company instance identifier.

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.

Request Body Attributes	Mandatory	Values/Requirements
account_crm_id	Yes	The customer-supplied account Id.
company_name	Yes	String representing name of company that will hold deals; equivalent to the account name in CPQ.
user_id	No	The user's Connectbase Id.
hq_address	No	String address of company headquarters.
domain	No	String URL of company.
phone_number	No	String phone number of the company.
contact_name	No	String name of contact at the company.
master_agreement_id	No	MSA agreement Id for the account.
custom_fields	No	"field_name": "field_value"

POST Create account
Request body
<pre>{ "account_crm_id": "12345", "company_name": "Coca Cola Bottling", "user_id": "", "hq_address": "660 W San Mateo Rd, Santa Fe, NM 87505, USA",</pre>

```

"domain": "cocacolasantafe.com",

"phone_number": "9189999345",

"contact_name": "Customer Care",

"master_agreement_id": "1234MSA",

"custom_fields": {

    "field_name": "field_value"

}

}

```

POST Create account

Success Response Example

```

{

"status": "success",

"data": [{

    "account_id": 80897,

    "account_crm_id": "12345",

    "company_name": "ling",

    "user_id": "wgillera@Connectbase.com",

    "hq_address": "660 W San Mateo Rd, Santa Fe, NM 87505, USA",

    "domain": "cocacolasantafe.com",

    "phone_number": "9189999345",

    "contact_name": "Customer Care",

    "master_agreement_id": "1234MSA",

    "createddate": "2021-09-10T14:08:06.000Z",

    "custom_fields": {

        "field_name": "field_value"

    }

}

}

```

```

    }]
  }

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
account_id	A numeric representation of a company instance and associated user.	int
account_crm_id	Customer defined CRM (Customer Relationship Manager) Id.	int
company_name	The entity name associated with the account.	string
user_id	Unique email address associated with user	string
hq_address	The entity headquarter address.	string
domain	The entity domain.	string
phone_number	The entity contact number.	string
contact_name	The entity point's contact name.	string
master_agreement_id	MSA agreement Id for account	string
createddate	The account creation date.	datetime
customFields	Object wrapper	object

POST Create account
Error Response Example
<pre>{ "status": "fail", "message": "You already have account with name "Connectbase" }</pre>

POST Create billing account

Requirements and Special Considerations
Account Id and Company Id are required input parameters.

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{accountId}/ ban?companyId={companyId}

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	The authorized numeric Connectbase company instance identifier.

Create billing account
Request body
<pre>{ "billingAccountName": "Billing account name", "banId": "BAN id", "currencyCode": "EUR" }</pre>

Create billing account
Success Response Example
<pre>{ "status": "success" }</pre>

Create billing account response attributes and data types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
message	Indicates the reason for failure when status _ Failed.	string

Create billing account
Error Response Example
<pre>{ "status": "fail", "message": "Unable to find company: 134" }</pre>

POST Create deal

Requirements and Special Considerations

A deal consists of a group of locations that will be priced and quoted. Deals are added to accounts and can be used to generate quotes. Once a quote has been generated, new locations cannot be added to an existing deal.

When using this method in a program, it is recommended that you create a new deal when a new address needs to be quoted. If you continue to add new locations to an existing deal, the deal locations will aggregate over time and negatively impact quoting performance.

Rate Limit: 15 calls/min

Request URL

`https://api.connected2fiber.com/advanced-cpq/v2/accounts/[account_id]/deals?
[companyId]`

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	The authorized numeric Connectbase company instance identifier.

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.

Request Body Attributes	Mandatory	Values/Requirements
deal_name	Yes	Descriptive name provided by customer to identify this deal.
account_crm_id	Yes	The customer-supplied account Id.
isbulk_deal	No	Indicates if the deal will be transactional (false) or bulk (true).
user_id	No	User Id of the contact that the deal will be associated with.

Request Body Attributes	Mandatory	Values/Requirements
project_id	No	The parent project Id.
customer_deal_id	No	Customer provided identifier.
custom_fields	No	"field_name": "field_value"

POST Create deal
Request body
<pre>{ "deal_name": "My Connectbase deal", "account_crm_id": "12345", "isbulk_deal": false, "user_id": "", "project_id": "alphanumeric project id", "customer_deal_id": "123abc", "custom_fields": { "field_name": "field_value" } }</pre>

POST Create deal
Success Response Example
<pre>{ "status": "success", "data": [{ "deal_id": 9108, "project_id": "alphanumeric project id", "master_agreement_id": null, "customer_deal_id": "123abc", }] }</pre>

```

        "createddate": "2021-03-17T20:35:08.000Z"

        "custom_fields": {

            "field_name": "field_value"

        }

    }]

}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
deal_id	A unique ID associated with this deal.	int
project_id	Alphanumeric project Id.	string
master_agreement_id	MSA agreement Id for account.	string
customer_deal_id	Unique id from 3 rd party system.	string
createddate	The account creation date.	datetime
customFields	Object wrapper	object

POST Create deal
Error Response Example
<pre> { "status": "fail", "message": "Unable to find company: XXX" } </pre>

POST Create order

Create an order from quoted and sent prices.

Requirements and Special Considerations

Quote Id and Company Id are required parameters. <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

Request URL

[https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteId}/orders/?companyId={companyId}&page\[&pageSize\]](https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteId}/orders/?companyId={companyId}&page[&pageSize])

Request parameters	Characteristic	Description/Requirements
quoteId (required)	string	Connectbase system generated Id.
companyId (required)	string	The authorized numeric Connectbase company instance identifier.
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.

Request Body Attributes	Mandatory	Values/Requirements
id	Yes	Customer provided order Id.
name	Yes	Customer provided order name.

POST Create order

Request body

```
{
```

```
"id": "1234ABCD",  
  
"name": "My Test Order"  
  
}
```

POST Create order

Success Response Example

```
{  
  "status": "success",  
  "pagination": {  
    "page": 1,  
    "pageSize": 100,  
    "totalPages": 0  
  },  
  "data": {  
    "pricingStatus": {  
      "quoteId": 12039,  
      "customerQuoteId": "M234567-46373",  
      "projectId": "alphanumeric project id",  
      "orderId": "11",  
      "customOrderId": "1234ABCD",  
      "orderName": "My Test Order",  
      "prices": [],  
  
      "progress": 100,  
      "transactionStatus": "Completed",  
      "message": "No Solutions Found"  
    }  
  }  
}
```

```

    }
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
pricingStatus	object wrapper	object
quoteId	Connectbase system generated Id	string
customerQuoteId	Comcast sales quote Id or service Id	string
projectId	Alphanumeric project Id.	string
orderId	Connectbase provided order number	int
customerOrderId	A unique customer-provided order id.	string
orderName	Customer provided order name.	string
prices	An array wrapper containing pricing objects	object array
progress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
transactionStatus	<p>Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i></p>	string
message	Indicates if solution was found/not found	string

POST Create order
Error Response Example
<pre>{ "status": "fail", "message": "'body.name' must be a string" }</pre>

POST Create quote

Requirements and Special Considerations

Create quote configuration used to obtain pricing. **Note:** You can find available quote config parameters using the Get quote config call.

The API user must be a platform user with permissions of “Edit User” or above to run this API. <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

POST Create quote rate limit:

- Number of calls = 30
- Renewal period = 60 (seconds)
- Increment condition = method request only

Request URL

<https://api.Connectbase.com/advanced-cpq/v2/accounts/{accountId}/deals/{dealId}/quotes?companyId={companyId}>

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Request Body Attributes	Mandatory	Values/Requirements
quote_name	Yes	Customer provided name assigned to the quote.
rfx_id	No	A reference number of an external document that is linked to this deal.

Request Body Attributes	Mandatory	Values/Requirements
quote_cam	No	Customer Account Manager name.
quote_nam	No	National Account Manager name.
quote_notes	No	Customer provided notes related to the quote.
custom_fields	No	Customer provided field.
media_types	Yes	An array of media types: <ul style="list-style-type: none"> • Fiber • Coax/HFC • Copper • Wireless – Fixed • Other • Wireless – Mobile • Wireless - Satellite
term	Yes	Length of Term: <ul style="list-style-type: none"> • 12 • 24 • 36 • 48 • 60 • MTM
channel	Yes	Location of Pricebook: <ul style="list-style-type: none"> • Default • Wholesale • Enterprise • Channel
products	Yes	Array of products (See Appendix A).
speeds	Yes	Array of speeds related to product (See Appendix A).

Request Body Attributes	Mandatory	Values/Requirements
include_offnet	Yes	True/False Boolean, designates return of data from vendor specific APIs configured at Connectbase account level.

POST Create quote
Request body
<pre>{ "quote_name": "Offnet quote with FULL valid locations (123)", "rfx_id": 12345, "quote_cam": 4481, "quote_nam": 3444, "quote_notes": "quote notes", "custom_fields": { "Custom Field Name 1": "Custom field value 1", "Custom Field Name 2": "Custom field value 2" }, "config": { "media_types": [1, 2], "channel": 1, "products": [3, 6] } }</pre>

```

    ],
    "speeds": [
        46,
        19,
        20
    ],
    "term": [
        12,
        24,
        36,
        48,
        60
    ],
    "include_offnet": true
}
}

```

POST Create quote

Success Response Example

```

{
    "status": "success",
    "data": {
        "quote_id": 6789
    }
}

```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	Object wrapper	object
quote_id	A unique Connectbase Id used to identify the quote.	int
customFields	Object wrapper	object

POST Create quote
Error Response Example
<pre>{ "status": "fail", "message": "\"body.rfx_id\" must be a number" }</pre>

DELETE Delete account

Requirements and Special Considerations
Only accounts without any active deals can be deleted. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	Your company id.

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.

Delete account
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

Delete account
Error Response Example
<pre>{ "status": "fail", "message": "Account has active deals in it. Delete all deals first" }</pre>

DELETE Delete all locations

Requirements and Special Considerations
N/A

Request URL
<code>https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/locations?companyId={companyId}</code>

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Delete all locations
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none">• Success• Failed	string

Delete all locations
Error Response Example
<pre>{ "status": "fail", "message": "companyId wasn't provided in the query" }</pre>

DELETE Delete deal

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Delete deal
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

Delete deal
Error Response Example
<pre>{ "status": "not found", "message": "Unable to find deal: {dealId}" }</pre>

DELETE Delete location

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/locations/{location_id}[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
location_id	int	The unique id for the location object.
companyId	int	Your company id.

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.

Delete location
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

Delete location
Error Response Example
<pre>{ "status": "fail", "message": "'params.locationId' must be a number" }</pre>

GET account by id

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	Your company id.

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.

Get account by id
Success Response Example
<pre>{ "status": "success", }</pre>

```

"data": {
  "companies": [{
    "id": 1234,
    "company_name": "Connectbase",
    "createddate": "2019-09-26T15:49:04.000Z",
    "hq_address": "134 Flanders Rd, Westborough, Ma, 01581",
    "domain": "https://www.connectbase.com",
    "phone_number": "+15084227057",
    "rfx_id": "",
    "contact_name": "Customer Support"
  }]
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> Success Failed 	string
data	object wrapper	object
companies	array wrapper	array
id	The unique identifier for the solution id in the pricing response.	int
company_name	The entity name associated with the account.	string
createddate	The account creation date.	datetime
hq_address	The entity headquarter address.	string
domain	The entity domain.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
phone_number	The entity contact number.	string
rfx_id	The reference number of an external document that is linked to this deal, for example, an external RFP document.	string
contact_name	The entity point's contact name.	string

Get account by id
Error Response Example
<pre>{ "status": "fail", "message": "'params.accountId' must be a number" }</pre>

GET accounts list

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts[?companyId]

Request parameters	Characteristic	Description/Requirements
companyId	int	Your company id.

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.

Get accounts list
Success Response Example
<pre> { "status": "success", "data": { "companies": [{ "id": 1234, "company_name": "Connectbase", "createddate": "2019-09-26T15:49:04.000Z", "hq_address": "134 Flanders Rd, Westborough, Ma, 01581", "domain": "https://www.connectbase.com", "phone_number": "+15084227057", "rfx_id": "", "contact_name": "Customer Support" }] } }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
companies	array wrapper	array
id	The unique identifier for the solution id in the pricing response.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
company_name	The entity name associated with the account.	string
createddate	The account creation date.	datetime
hq_address	The entity headquarter address.	string
domain	The entity domain.	string
phone_number	The entity contact number.	string
rfx_id	A document reference number/id	string
contact_name	The entity point's contact name.	string

Get accounts list
Error Response Example
<pre>{ "status": "fail", "message": "companyId wasn't provided in the query" }</pre>

GET audit logs

Requirements and Special Considerations

The Quote Id, Company Id, logType are required parameters.

Request URL

`https://api.connected2fiber.com/advanced-cpq/v2/audit-logs/{quoteId}?companyId={companyId}&logType={logType} [&userId]`

Get audit logs request parameters

Request parameters	Characteristic	Description/Requirements
quoteId (required)	int	A unique identifier that is used to identify a quote.
companyId (required)	int	Your company id (instance id).
logType (required)	string	The type of audit log requested. Options include: <ul style="list-style-type: none">quoteLogsapiAuditTracingruleAuditsactivityAudits Note: An example of a success response is provided for each logType.
userId (optional)	string	The user Id of the requester.

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.

Example quoteLogs response

Get audit logs ‘Quote Logs’ success response
Success Response Example
<pre>{ "status": "success", "data": [{ "id": 1415360, "quoteMasterId": 31278, "provider": "ABC Company", "term": "12", "addressKey": "1 SUMMER ST BOSTON MA USA", "productName": "Dedicated Internet", "speedName": "ETHERNET 10M", "accessMediumName": "Fiber", "networkConnectionStatus": "Connected", "buildingConnectionStatus": "OnNet", "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES", "userName": "Jane Doe", "createdAt": "2022-10-06 13:22:26", "changedFields": "[{\"New MRC\\\":20.09},{\"Old MRC\\\":1170.09},{\"Old Notes\\\":\\\"Pricing zone = Custom; Install Interval = 60 days; \\\"},{\"New NRC\\\":20.09},{\"Old NRC\\\":0.0},{\"New Provider MRC\\\":10.0},{\"Old Provider MRC\\\":1079.0},{\"New Provider NRC\\\":10.0},{\"Old Provider NRC\\\":0.0},{\"New status\\\":\\\"Pricing generated from Eugene Burdeinyi inc.-903 API\\\"},{\"Old status\\\":\\\"Pricing generated from Cox-183 API\\\"}]" }, { "id": 1415361, "quoteMasterId": 31278, "provider": "ABC Company",</pre>

```

"term": "12",

"addressKey": "1 SUMMER ST|BOSTON|MA|USA",

"productName": "Dedicated Internet",

"speedName": "ETHERNET 10M",

"accessMediumName": "Fiber",

"networkConnectionStatus": "Connected",

"buildingConnectionStatus": "OnNet",

"operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

"userName": "Jane Doe",

"createdAt": "2022-10-06 13:22:26",

"changedFields": "[{\\"New MRC\\":1170.09},{\\"Old MRC\\":20.09},{\\"New Notes\\":\\"Pricing zone = Custom; Install Interval = 60 days; \\"},{\\"New NRC\\":0.0},{\\"Old NRC\\":20.09},{\\"New Provider MRC\\":1079.0},{\\"Old Provider MRC\\":10.0},{\\"New Provider NRC\\":0.0},{\\"Old Provider NRC\\":10.0},{\\"New status\\":\\"Pricing generated from Cox-183 API\\"},{\\"Old status\\":\\"Pricing generated from Eugene Burdeinyi inc.-903 API\\"}]"

}, {

  "id": 1415476,

  "quoteMasterId": 31278,

  "provider": "ABC Company",

  "term": "12",

  "addressKey": "1 SUMMER ST|BOSTON|MA|USA",

  "productName": "Dedicated Internet",

  "speedName": "ETHERNET 10M",

  "accessMediumName": "Fiber",

  "networkConnectionStatus": "Connected",

  "buildingConnectionStatus": "OnNet",

  "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

  "userName": "Jane Doe",

```

```

    "createdAt": "2022-10-06 13:23:23",

    "changedFields": "[{\"New MRC\":1170.09},{\"Old MRC\":20.09},{\"New Notes\":\"Pricing zone = Custom; Install Interval = 60 days; \"},{\"New NRC\":0.0},{\"Old NRC\":20.09},{\"New Provider MRC\":1079.0},{\"Old Provider MRC\":10.0},{\"New Provider NRC\":0.0},{\"Old Provider NRC\":10.0},{\"New status\":\"Pricing generated from Cox-183 API\"},{\"Old status\":\"Pricing generated from Eugene Burdeinyi inc.-903 API\"}]"

  }, {

    "id": 1415477,

    "quoteMasterId": 31278,

    "provider": "ABC Company",

    "term": "12",

    "addressKey": "1 SUMMER ST|BOSTON|MA|USA",

    "productName": "Dedicated Internet",

    "speedName": "ETHERNET 10M",

    "accessMediumName": "Fiber",

    "networkConnectionStatus": "Connected",

    "buildingConnectionStatus": "OnNet",

    "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

    "userName": "Jane Doe",

    "createdAt": "2022-10-06 13:23:23",

    "changedFields": "[{\"New MRC\":20.09},{\"Old MRC\":1170.09},{\"Old Notes\":\"Pricing zone = Custom; Install Interval = 60 days; \"},{\"New NRC\":20.09},{\"Old NRC\":0.0},{\"New Provider MRC\":10.0},{\"Old Provider MRC\":1079.0},{\"New Provider NRC\":10.0},{\"Old Provider NRC\":0.0},{\"New status\":\"Pricing generated from Eugene Burdeinyi inc.-903 API\"},{\"Old status\":\"Pricing generated from Cox-183 API\"}]"

  }, {

    "id": 1415354,

    "quoteMasterId": 31278,

    "provider": "ABC Company",

```

```

"term": "12",

"addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

"productName": "Dedicated Internet",

"speedName": "ETHERNET 10M",

"accessMediumName": "Fiber",

"networkConnectionStatus": "Connected",

"buildingConnectionStatus": "OnNet",

"operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

"userName": "Jane Doe",

"createdAt": "2022-10-06 13:22:26",

"changedFields": "[{"New Notes\\":\\"Install Interval = 30 days; Pricing geography - All States;\\"}, {"Old Notes\\":\\"Install Interval = 60 days; Pricing geography - All States;\\"}]"

}, {

  "id": 1415355,

  "quoteMasterId": 31278,

  "provider": "ABC Company",

  "term": "12",

  "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

  "productName": "Dedicated Internet",

  "speedName": "ETHERNET 10M",

  "accessMediumName": "Fiber",

  "networkConnectionStatus": "Connected",

  "buildingConnectionStatus": "OnNet",

  "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

  "userName": "Jane Doe",

  "createdAt": "2022-10-06 13:22:26",

```

```

    "changedFields": "[{"New Notes\\":\\"Pricing geography - All
States;\\"},{"Old Notes\\":\\"Install Interval = 60 days; Pricing geography -
All States;\\"}]"

  }, {

    "id": 1415356,

    "quoteMasterId": 31278,

    "provider": "ABC Company",

    "term": "12",

    "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

    "productName": "Dedicated Internet",

    "speedName": "ETHERNET 10M",

    "accessMediumName": "Fiber",

    "networkConnectionStatus": "Connected",

    "buildingConnectionStatus": "OnNet",

    "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

    "userName": "Jane Doe",

    "createdAt": "2022-10-06 13:22:26",

    "changedFields": "[{"New Notes\\":\\"Pricing geography - All
States;\\"},{"Old Notes\\":\\"Install Interval = 30 days; Pricing geography -
All States;\\"}]"

  }, {

    "id": 1415357,

    "quoteMasterId": 31278,

    "provider": "ABC Company",

    "term": "12",

    "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

    "productName": "Dedicated Internet",

    "speedName": "ETHERNET 10M",

```

```

"accessMediumName": "Fiber",

"networkConnectionStatus": "Connected",

"buildingConnectionStatus": "OnNet",

"operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

"userName": "Jane Doe",

"createdAt": "2022-10-06 13:22:26",

"changedFields": "[{\"New Notes\":\"Install Interval = 60 days; Pricing
geography - All States;\"},{\"Old Notes\":\"Install Interval = 30 days;
Pricing geography - All States;\"}]"

}, {

  "id": 1415358,

  "quoteMasterId": 31278,

  "provider": "ABC Company",

  "term": "12",

  "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

  "productName": "Dedicated Internet",

  "speedName": "ETHERNET 10M",

  "accessMediumName": "Fiber",

  "networkConnectionStatus": "Connected",

  "buildingConnectionStatus": "OnNet",

  "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

  "userName": "Jane Doe",

  "createdAt": "2022-10-06 13:22:26",

  "changedFields": "[{\"New Notes\":\"Install Interval = 30 days; Pricing
geography - All States;\"},{\"Old Notes\":\"Pricing geography - All
States;\"}]"

}, {

  "id": 1415359,

```

```

"quoteMasterId": 31278,

"provider": "ABC Company",

"term": "12",

"addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

"productName": "Dedicated Internet",

"speedName": "ETHERNET 10M",

"accessMediumName": "Fiber",

"networkConnectionStatus": "Connected",

"buildingConnectionStatus": "OnNet",

"operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

"userName": "Jane Doe",

"createdAt": "2022-10-06 13:22:26",

"changedFields": "[{"New Notes\\":\\"Install Interval = 60 days; Pricing geography - All States;\\"}, {"Old Notes\\":\\"Pricing geography - All States;\\"}]"

}, {

  "id": 1415474,

  "quoteMasterId": 31278,

  "provider": "ABC Company",

  "term": "12",

  "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

  "productName": "Dedicated Internet",

  "speedName": "ETHERNET 10M",

  "accessMediumName": "Fiber",

  "networkConnectionStatus": "Connected",

  "buildingConnectionStatus": "OnNet",

  "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

```

```

    "userName": "Jane Doe",

    "createdAt": "2022-10-06 13:23:23",

    "changedFields": "[{\"New Notes\":\"Install Interval = 60 days; Pricing geography - All States;\"},{\"Old Notes\":\"Install Interval = 30 days; Pricing geography - All States;\"}]"

  }, {

    "id": 1415475,

    "quoteMasterId": 31278,

    "provider": "ABC Company",

    "term": "12",

    "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

    "productName": "Dedicated Internet",

    "speedName": "ETHERNET 10M",

    "accessMediumName": "Fiber",

    "networkConnectionStatus": "Connected",

    "buildingConnectionStatus": "OnNet",

    "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

    "userName": "Jane Doe",

    "createdAt": "2022-10-06 13:23:23",

    "changedFields": "[{\"New Notes\":\"Pricing geography - All States;\"},{\"Old Notes\":\"Install Interval = 30 days; Pricing geography - All States;\"}]"

  }, {

    "id": 1415478,

    "quoteMasterId": 31278,

    "provider": "ABC Company",

    "term": "12",

    "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

```

```

"productName": "Dedicated Internet",

"speedName": "ETHERNET 10M",

"accessMediumName": "Fiber",

"networkConnectionStatus": "Connected",

"buildingConnectionStatus": "OnNet",

"operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

"userName": "Jane Doe",

"createdAt": "2022-10-06 13:23:23",

"changedFields": "[{"New Notes": "Install Interval = 60 days; Pricing
geography - All States;"}, {"Old Notes": "Pricing geography - All
States;"}]"

}, {

  "id": 1415479,

  "quoteMasterId": 31278,

  "provider": "ABC Company",

  "term": "12",

  "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",

  "productName": "Dedicated Internet",

  "speedName": "ETHERNET 10M",

  "accessMediumName": "Fiber",

  "networkConnectionStatus": "Connected",

  "buildingConnectionStatus": "OnNet",

  "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

  "userName": "Jane Doe",

  "createdAt": "2022-10-06 13:23:23",

  "changedFields": "[{"New Notes": "Install Interval = 30 days; Pricing
geography - All States;"}, {"Old Notes": "Pricing geography - All
States;"}]"

```

```

}, {
  "id": 1415480,
  "quoteMasterId": 31278,
  "provider": "ABC Company",
  "term": "12",
  "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",
  "productName": "Dedicated Internet",
  "speedName": "ETHERNET 10M",
  "accessMediumName": "Fiber",
  "networkConnectionStatus": "Connected",
  "buildingConnectionStatus": "OnNet",
  "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",
  "userName": "Jane Doe",
  "createdAt": "2022-10-06 13:23:23",
  "changedFields": "[{\"New Notes\": \"Install Interval = 30 days; Pricing geography - All States;\"}, {\"Old Notes\": \"Install Interval = 60 days; Pricing geography - All States;\"}]\"
}, {
  "id": 1415481,
  "quoteMasterId": 31278,
  "provider": "ABC Company",
  "term": "12",
  "addressKey": "1961 CHAIN BRIDGE RD|MCLEAN|VA|USA",
  "productName": "Dedicated Internet",
  "speedName": "ETHERNET 10M",
  "accessMediumName": "Fiber",
  "networkConnectionStatus": "Connected",

```

```

    "buildingConnectionStatus": "OnNet",

    "operationStatus": "UPDATE_IN_POST_PROCESS_UPDATED_PRICES",

    "userName": "Jane Doe",

    "createdAt": "2022-10-06 13:23:23",

    "changedFields": "[{"New Notes\":"Pricing geography - All
States;\"},{"Old Notes\":"Install Interval = 60 days; Pricing geography -
All States;\"}]"

  }]
}

```

Get audit logs “Quote Logs” response attributes and data types		
Response Attribute	Attribute Description	Data Type
status	Indicates the status of API completion. <ul style="list-style-type: none"> • Success • Fail 	string
message	Indicates the reason if status = Fail	string
data	object wrapper	object
id	A unique quote identifier	int
quoteMasterId	Where applicable, identifies the master identifier for the quote	int
provider	Identifies the provider name	string
term	Indicates the month terms quoted for the selected product, for example, 12, 24, etc.	string
addressKey	The street, city, state country	string
productName	The name of the product, for example, Dedicated Internet	string
speedName	The name of the quoted speed for the product, for example, ETHERNET 10M	string

Get audit logs “Quote Logs” response attributes and data types		
Response Attribute	Attribute Description	Data Type
accessMediumName	<p>The medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other 	string
networkConnectionStatus	<p>A metric to identify the build status of a carrier’s network in a building.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	string
buildingConnectionStatus	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect 	string
operationStatus	<p>Indicates the current status of the quote. For example, "UPDATE_IN_POST_PROCESS_UPDATED_PRICES"</p>	string

Get audit logs “Quote Logs” response attributes and data types		
Response Attribute	Attribute Description	Data Type
UserName	Where provided, the name of the user who requested the audit log.	string
createdAt	The date/time the audit log was generated	date/time
changedFields	Identifies fields that were changed in the quote since it was initially generated.	string

Example apiAuditTracing

Get audit logs ‘apiAuditTracing’ success response
Success Response Example
<pre>{ "status": "success", "data": [{ "supplier": "ABC Company", "lastMileSupplier": "XYZ Company", "callType": "Internal", "product": "Dedicated Internet", "callStatus": "Complete", "resultStatus": "Success", "message": "4 Results returned for 2 locations", "cycleTime": 0.568 }, { "supplier": "ABC Company", "lastMileSupplier": "XYZ Company", "callType": "Sub-quote (Internal)",</pre>

```

    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "2 Results returned for 2 locations",
    "cycleTime": 0.187
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "testpricing2",
    "callType": "Internal",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.568
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "XYZ Company",
    "callType": "Sub-quote (Internal)",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "4 Results returned for 2 locations",
    "cycleTime": 0.187
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "John Doe inc.",

```

```

    "callType": "Internal",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "2 Results returned for 2 locations",
    "cycleTime": 0.568
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "XYZ Corporation",
    "callType": "Internal",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.568
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "Testing",
    "callType": "Internal",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.568
  }, {
    "supplier": "ABC Company",

```

```

    "lastMileSupplier": "XYZ Corporation",
    "callType": "Internal",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.568
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "XYZ Corporation",
    "callType": "Network Radar",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.01
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "testpricing1",
    "callType": "Internal",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.568
  }, {

```

```

    "supplier": "ABC Company",
    "lastMileSupplier": "ABB",
    "callType": "Network Radar",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "0 Results returned for 2 locations",
    "cycleTime": 0.01
  }, {
    "supplier": "ABC Company",
    "lastMileSupplier": "XYZ Corporation",
    "callType": "Sub-quote (Internal)",
    "product": "Dedicated Internet",
    "callStatus": "Complete",
    "resultStatus": "Success",
    "message": "2 Results returned for 2 locations",
    "cycleTime": 0.212
  }]
}

```

Get audit logs “apiAuditTracing” response attributes and data types		
Response Attribute	Attribute Description	Data Type
status	Indications the completion status of this API call: <ul style="list-style-type: none"> • Success • Fail 	string
data	object wrapper	object
supplier	The name of the supplier	string

Get audit logs “apiAuditTracing” response attributes and data types		
Response Attribute	Attribute Description	Data Type
lastMileSupplier	The name of the last mile supplier	string
callType	Indicates the type of API call, such as Sub-quote (Internal), etc.	string
product	The name of the product, such as Dedicated Internet	string
callStatus	Indicates the completion status of the API audit trace, such as Complete.	string
resultStatus	Success or Fail	string
message	Indicates the number of results returned. For example, 4 Results returned for 2 locations.	string
cycleTime	Indicates the cycle time for API completion.	float

Example ruleAudits

Get audit logs ‘ruleAudits’ success response
Success Response Example
<pre>{ "status": "success", "data": [{ "ruleChain": { "id": 439, "name": "ACTIVITY", "rules": [], "userGroups": [], "default": false, "active": false, </pre>

```

    "deleted": false
  },
  "cpqRule": {
    "id": 983,
    "name": "TESTING",
    "priority": 0,
    "conditions": [],
    "actions": [],
    "active": false
  },
  "createdAt": 1665062603671
}]
}

```

Get audit logs “ruleAudits” response attributes and data types		
Response Attribute	Attribute Description	Data Type
status	Indications the completion status of this API call: <ul style="list-style-type: none"> • Success • Fail 	string
data	object wrapper	object
ruleChain	object wrapper	object
id	A unique ID used to identify the rule chain.	int
name	The unique name assigned to the rule chain.	string
rules	Identifies the rules in the rule chain	string

Get audit logs “ruleAudits” response attributes and data types		
Response Attribute	Attribute Description	Data Type
userGroups	Identifies the user groups in the rule chain	string
default	true/false. Indicates if this rule chain is the default.	boolean
active	true/false. Indicates if the rule chain is active or inactive.	boolean
deleted	true/false. Indicates if the rule chain has been deleted.	boolean
cpqRule	object wrapper	object
id	A unique identifier for a CPQ rule	int
name	The name given to identify the CPQ rule.	string
priority	The priority in which the rule is applied.	int
conditions	Identifies the conditions that have been configured for the CPQ rule	string
actions	Identifies the actions that have been configured for the CPQ rule	string
active	true/false. Indicates if the CPQ rule is active or inactive.	boolean
createdAt	Indicates the date/time the log was generated.	date/time

Example activityAudits

Get audit logs 'activityAudits' success response		
Success Response Example		
<pre>{ "status": "success", "data": [{ "quoteMasterId": 31278, "activityId": 2056, "userCreated": { "id": 0, "userId": 1786, "firstName": "Kate", "lastName": "Suprunova" }, "createdTime": "2022-10-06 13:23:23", "status": "CREATED", "activityName": "TESTING", "activityType": "MANDATORY" }] }</pre>		

Get audit logs "activityAudits" response attributes and data types		
Response Attribute	Attribute Description	Data Type
status	Indications the completion status of this API call: <ul style="list-style-type: none">• Success• Fail	string
data	object wrapper	object

Get audit logs “activityAudits” response attributes and data types		
Response Attribute	Attribute Description	Data Type
quoteMasterId	The master Id assigned to the quote	int
activityId	A unique Id used to identify the activity.	int
userCreated	object wrapper	object
id		int
userId	The Id of the user.	int
firstName	The first name of the user.	string
lastName	The last name of the user.	string
createdTime	The date/time the activity was created.	date/time
status	The status of the activity, for example, created.	string
activityName	The name given to identify the activity	string
activityType	Indicates the activity type, such as MANDATORY.	string

GET billing accounts

Requirements and Special Considerations
The account ID and the Company ID are required request parameters.

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{accountId}/ban?companyId={companyId}&onlyActive [&userId]

Get billing accounts request parameters		
Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	The authorized numeric Connectbase company instance identifier.
onlyActive	boolean	Get only active billing accounts.
userId	string	The user Id of the user who is making the request.

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.

Get billing accounts success response
Success Response Example
<pre>{ "status": "success", "data": [{ "id": 3, "billingAccountName": "Test billing account 2", "banId": "Test ban id 2", "active": 1, "currencyCode": "EUR" }] }</pre>

Get billing accounts response attributes and data types		
Response Attribute	Attribute Description	Data Type
status	Indications the completion status of this API call: <ul style="list-style-type: none"> • Success • Fail 	string
data	object wrapper	object
id	A unique identifier for the account	int
billingAccountName	The name given to identify the billing account.	string
banId	The Billing Account Number identifier	string
active	Indicates if billing account is active or inactive: 1 = active; 0 = inactive	int
currencyCode	The currency used for the billing account, such as USD, EUR, etc.	string

Get billing accounts error response
Error Response Example
<pre>{ "status": "fail", "message": "Unable to find company: 345" }</pre>

GET deal by id

Requirements and Special Considerations

N/A <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

Request URL

https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals
[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Get deal by id

Success Response Example

```
{
  "status": "success",
  "data": {
    "deals": [{
      "id": 5678,
      "company_name": "Connectbase",
      "deal_name": "API Test"
    }]
  }
}
```

```

    }
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
deals	An array wrapper containing the list of deals associated with the account.	object array
id	The unique identifier for the solution id in the pricing response.	int
company_name	The entity name associated with the account.	string
deal_name	The unique name used to identify the deal	string

Get deal by id
Error Response Example
<pre> { "status": "fail", "message": "'params.dealId' must be a number" } </pre>

GET deals

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL

https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals
[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	Your company id.

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.

Get deals

Success Response Example

```
{
  "status": "success",
  "data": {
    "deals": [{
      "id": 5678,
      "company_name": "Connectbase",
      "deal_name": "API Test"
    }]
  }
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion.	string

	<ul style="list-style-type: none"> • Success • Failed 	
data	object wrapper	object
deals	An array wrapper containing the list of deals associated with the account.	object array
id	The unique identifier for the solution id in the pricing response.	int
company_name	The entity name associated with the account.	string
deal_name	The unique name used to identify the deal	string

Get deals
Error Response Example
<pre>{ "status": "fail", "message": "'params.accountId' must be a number" }</pre>

GET fallout

Use this method to return the locations associated with a quote that did not generate solutions.

Requirements and Special Considerations
Locations that generate solutions with a price of zero (0) are not shown as fallout. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https:// api.connected2fiber.com /advanced-cpq/v2/quotes/{quoteId}/fallout?companyId={companyId}

Request parameters	Characteristic	Description/Requirements
--------------------	----------------	--------------------------

quoteld (required)	string	The unique quote id associated with this deal.
companyld (required)	int	The customer instance id to which the quote is associated.

Get fallout
Success Response Example
<pre>{ "status": "success", "data": { "account": "Connectbase", "deal": "Connectbase2 Deal", "quoteId": 15368, "falloutCount": 1, "locations": [{ "address": "267 S Santo Domingo St, Beaufort, SC, 29905, USA" }] } }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
account	The name assigned to the account at the time of creation.	string
deal	The name assigned to the deal at the time of creation.	string
quoteId	Connectbase system generated Id	string
falloutCount	The number of fallout addresses in the quote.	int
Locations	object wrapper	object
address	The address of the fallout location.	string

Get fallout
Error Response Example
<pre>{ "status": "fail", "message": " company id is invalid or not authorized" }</pre> <p>4xx - Possible messages below</p> <pre>"message": "company id is invalid or not authorized" "user id is not authorized" "quote id is invalid or not found" "There is no fallout for the provided quote" "quota exceeded" "rate limit exceeded"</pre>

GET list of quotes

Requirements and Special Considerations
https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.

Request parameters	Characteristic	Description/Requirements
companyId	int	Your company id.

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.

Get list of quotes
Success Response Example
<pre>{ "status": "success", "data": { "quotes": [{ "quote_name": null, "quote_cam_name": null, "id": 3456, "quote_name": "Quote Testing", "quote_name": null, "quote_cam": null, "last_completed_step": 2, "quote_notes": "quote notes", "createddate": "2019-09-26T15:55:32.000Z", "modifieddate": "2019-09-26T15:59:18.000Z", "quote_identifier": null, "quote_expiration_date": "2019-10-27T15:55:32.000Z", "quote_number": "444546", "email_address": "", </pre>

```

    "entity_name": ""

  }]

}

}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
quotes	An array wrapper containing the list of quotes.	object array
id	The unique identifier for the solution id in the pricing response.	int
quote_name	The name assigned to uniquely identify this quote.	string
quote_nam	National account manager's name	string
quote_cam	Customer account manager's name	string
last_completed_step	Last completed step in the CPQ process flow	int
quote_notes	Any additional customer provided data stored with the quote.	string
createddate	The quote creation date.	datetime
modifieddate	The date of the last modification to the quote	datetime
quote_identifier	A unique identifier for this quote.	string
quote_expiration_date	The date the quote is set to expire.	datetime
quote_number	A unique identifier for the quote.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
email_address	The contact email for the account	string
entity_name	The name of the account.	string

Get list of quotes
Error Response Example
<pre>{ "status": "fail", "message": "companyId wasn't provided in the query" }</pre>

GET locations

Returns attributes associated with locations attached to deals.

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/locations[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Get locations
Success Response Example
<pre>{ "status": "success", "data": { "locations": [{ "id": 1878729, "fullAddress": "1961 Chain Bridge Rd, McLean, VA, USA", "country_code": "USA", "address": "1961 Chain Bridge Rd", "city": "McLean", "state": "VA", "zip": "22102", "latitude": "38.917929", "longitude": "-77.222342", "provider": " COMPANY NAME ", "unique_key": "0Z67-509-e0c591cf", "favorite_notes": "", "global_location_id": "US87C4WQ9H+3JMBS00", "valid_address": 1, "building_competitive_rating": "", "media_type": "Fiber", "network_connection_status": "Connected", "building_connection_status": "On Net",</pre>

```

    "nni_locations": ["21715 Filigree Ct, Ashburn, VA, USA"]
  }]
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
locations	An array wrapper containing the list of locations.	object array
id	The unique identifier for the solution id in the pricing response.	int
fullAddress	All-inclusive address, including street, city, state, zip, country, etc.	string
countryCode	Indicates the country in which the building resides in ISO-3 format, such as USA.	string
address	The address of the quoted location.	string
city	The city of the quoted location.	string
state	The state of the quoted location.	string
zip	The zip code of the quoted location.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
latitude	The angular distance of a place north or south of the earth's equator, or of a celestial object north or south of the celestial equator, usually expressed in degrees and minutes. -90 to +90 Default coordinate system is WGS1984.	string
longitude	The angular distance of a place east or west of the meridian at Greenwich, England, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes. -180 to +180 Default coordinate system is WGS1984.	string
secondaryDesignator	Designation of the unit of the address, such as a suite, apartment, etc.	string
secondaryNumber	Identifier for a secondary address number, such as a suite number, apartment number, etc.	string
provider	The name of the service supplier.	string
unique_key	The unique building ID as indicated in the Connectbase platform.	string
favorite_notes	optional, customer provided notes	string
global_location_id	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string
valid_address	Complete valid address for the location (street, city, state, zip, country)	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
building_competitive_rating	<p>Competitive Ratings data is used to help you to better understand the competitive landscape and more effectively price services.</p> <p>Green – No other competitive provider is at this location other than the customer’s own network, the LEC, or the Cableco.</p> <p>Yellow –One competitive provider is present at this location.</p> <p>Red – Two or more competitive providers are present at this location, in addition to the LEC or Cableco.</p>	string
media_type	<p>The medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other 	string
network_connection_status	<p>A metric to identify the build status of a carrier’s network in a building.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
building_connection_status	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect 	string
nni_locations	An address of the network-to-network interface for the provider.	array

Get locations
Error Response Example
<pre>{ "status": "fail", "message": "'params.accountId' must be a number" }</pre>

GET order by id

Requirements and Special Considerations
<p>Quote Id, Order Id, and Company Id are required parameters. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d</p>
Request URL
<p>https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteId}/orders/{orderId}?companyId={companyId}&page[&pageSize]</p>

Request parameters	Characteristic	Description/Requirements
quoteId (required)	int	Connectbase system generated Id.
orderId (required)	int	Unique system generated Id used to identify the order. This number is generated in the POST Create order.
companyId (required)	int	The authorized numeric Connectbase company instance identifier.
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.

Get order by id
Success Response Example
<pre>{ "status": "success", "pagination": { "page": 1, "pageSize": 100, "totalPages": 0 }, "data": { "pricingStatus": { "quoteId": "12039",</pre>

```

    "customerQuoteId": "M234567-55932",

    "projectId": "alphanumeric project id",

    "orderId": 10,

    "customOrderId": "1234ABCD",

    "orderName": "My Test Order",

    "prices": [],

    "progress": 100,

    "transactionStatus": "Completed",

    "message": "No Solutions Found"

  }

}

}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
pricingStatus	object wrapper	object
quoteld	Connectbase system generated Id	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
customerQuoteId	Comcast sales quote Id or service Id	string
projectId	Alphanumeric project Id.	string
orderId	Connectbase provided order number	int
customerOrderId	A unique customer-provided order id.	string
orderName	Customer provided order name.	string
prices	An array wrapper containing pricing objects	object array
progress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int
transactionStatus	<p>Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i></p>	string
message	Indicates if solution was found/not found	string

Get order by id
Error Response Example
<pre>{ "status": "fail",</pre>

```
"message": "'params.quoteMasterId' must be a number"
}
```

GET prices

Use this method to get prices by quote master id, and state of the quote, where provided.

Requirements and Special Considerations

Quote Id and Company Id are required parameters.

When you run this API, the “externalApiProgress” must = 100 and “transaction status” must = success before the response is considered complete.

A transaction status of “In Progress” means that Connectbase is still collecting and formatting results (even if the External API has gathered all its results) so that the compiled results are properly formatted and returned in the quote.

Refer to the sample responses provided below to see transaction in progress at 50%, 70%, and 100%, followed by completed response with transaction success.

Additionally, for the priceState (i.e., Priced, Selected, etc.) to return in the response, you must leave the State = null or remove the parameter from the request.

Rate Limit: 30 calls/min

Request URL

`https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteld}
/prices?companyId={companyId}&state]&page]&pageSize]`

Request parameters	Characteristic	Description/Requirements
quoteld (required)	int	Connectbase system generated Id.
companyId (required)	int	The authorized numeric Connectbase company instance identifier.
state (optional)	string	State of the quote. Options include the following: Priced, Selected, Quoted, Sent, Ordered, Completed, or Canceled
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.
--	--	-------------------------------------

Response Example at 50% completion; Transaction Status “In Progress”

Get Prices submitted within 10 seconds of Post Create Pricing showing the External API Pricing in progress at 50% and the Transaction In progress

```
{
  "status": "success",
  "pagination": {
    "page": 1,
    "pageSize": 100,
    "totalPages": 0
  },
  "data": {
    "totalLocations": 12,
    "totalLocationSolutions": 12,
    "numSolutions": 0,
    "pricingStatus": {
      "quoteId": 201938,
      "quoteName": "Deploy Test_sully",
      "accountId": 160975,
      "accountName": "CB_Test",
      "dealId": 178548,
      "dealName": "Deal_sully",
      "prices": [],

```

```
    "externalApiProgress": 50,  
    "transactionStatus": "In progress",  
    "message": "No Solutions Found"  
  }  
}  
}
```

Response Example at 70% completion; Transaction Status “In Progress”

Get Prices submitted within 30 seconds of Post Create Pricing showing the External API Pricing in progress at 70% and the Transaction In progress.

```
{  
  "status": "success",  
  "pagination": {  
    "page": 1,  
    "pageSize": 100,  
    "totalPages": 1  
  },  
  "data": {  
    "totalLocations": 12,  
    "totalLocationSolutions": 12,  
    "numSolutions": 12,  
    "pricingStatus": {  
      "quoteId": 201938,  
      "quoteName": "Deploy Test_sully",  
      "accountId": 160975,  
      "externalApiProgress": 70,  
      "transactionStatus": "In progress",  
      "message": "No Solutions Found"  
    }  
  }  
}
```

```
"accountName": "CB_Test",
"dealId": 178548,
"dealName": "Deal_sully",
"prices": [{
  "id": 54127335,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845149,
  "note": "Pricing zone = Category 1 - Install Interval - 45; Install
Interval = 45 days; ",
  "nniLocation": "",
  "provider": "XYZ COMPANY",
  "mrc": 599,
  "mrcCost": 599,
  "mrcTotalPrice": 599,
  "nrc": 259,
  "nrcCost": 250,
  "nrcTotalPrice": 259,
  "address": "1818 S Poinciana Blvd",
  "city": "Kissimmee",
  "state": "FL",
  "zip": "34758",
  "addressValid": 1,
  "latitude": "28.249434",
  "longitude": "-81.489898",
  "uniqueKey": "MT12-337-cbd903a2",
  "globalLocationId": "US76WW6GX5+MX6BS00",
```

```

"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"interval": 60,
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "Final",
"installInterval": 45,
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127336,
  "priceState": "Priced",
  "term": "36",

```

```
"locationId": 6845135,  
"note": "Pricing zone = Request a Quote; Install Interval = 60 days;  
",  
"nniLocation": "",  
"provider": "XYZ COMPANY",  
"mrc": 0,  
"mrcCost": 0,  
"mrcTotalPrice": 0,  
"nrc": 0,  
"nrcCost": 0,  
"nrcTotalPrice": 0,  
"address": "910 NW 50th Ave",  
"city": "Ocala",  
"state": "FL",  
"zip": "34482",  
"addressValid": 1,  
"latitude": "29.197734",  
"longitude": "-82.205194",  
"uniqueKey": "",  
"globalLocationId": "US76XV5QXV+3WVBS00",  
"countryCode": "USA",  
"secondaryDesignator": "",  
"secondaryNumber": "",  
"preferredSupplier": 0,  
"product": "Dedicated Internet",  
"speed": "ETHERNET 50M",  
"uploadSpeed": 50,
```

```

    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "status": "Pricing generated from Charter (Spectrum)-4290 API",
    "dispositionCode": "RAQ",
    "installInterval": 60,
    "buildingCompetitiveRating": "Green",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127337,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845155,
    "note": "Pricing zone = Category 1 - Install Interval - 60; Install Interval = 60 days; ",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 599,
    "mrcCost": 599,
    "mrcTotalPrice": 599,
    "nrc": 259,

```

```
"nrcCost": 250,
"nrcTotalPrice": 259,
"address": "2641 Meadowbrook Rd",
"city": "Rocky Mount",
"state": "NC",
"zip": "27801",
"addressValid": 1,
"latitude": "35.931408",
"longitude": "-77.745721",
"uniqueKey": "MT12-C2F-efc98c82",
"globalLocationId": "US8774W7J3+HPVBS00",
"countryCode": "USA",
  "secondaryDesignator": "",
  "secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"interval": 90,
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "Final",
"installInterval": 60,
```

```

    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127338,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845154,
    "note": "Pricing zone = Request a Quote; Install Interval = 60 days;
",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 0,
    "mrcCost": 0,
    "mrcTotalPrice": 0,
    "nrc": 0,
    "nrcCost": 0,
    "nrcTotalPrice": 0,
    "address": "43 Valley View Dr",
    "city": "Jessup",
    "state": "PA",
    "zip": "18434",
    "addressValid": 1,

```

```
"latitude": "41.457444",
"longitude": "-75.548429",
"uniqueKey": "",
"globalLocationId": "US87H6FF52+28FBS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "RAQ",
"installInterval": 60,
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
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"priceState": "Priced",
"term": "36",
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"note": "Pricing zone = Pricing Tier 1; ",
"nniLocation": "",
"provider": "ABC Company",
"mrc": 329,
"mrcCost": 320,
"mrcTotalPrice": 329,
"nrc": 0,
"nrcCost": 0,
"nrcTotalPrice": 0,
"address": "1040 Bakers Ln",
"city": "Nicholasville",
"state": "KY",
"zip": "40356",
"addressValid": 1,
"latitude": "37.914148",
"longitude": "-84.565278",
"uniqueKey": "MT12-C2F-5d6cf832",
"globalLocationId": "US869QWC7M+MV5BS00",
"countryCode": "USA",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
```

```

    "uploadSpeed": 50,
    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "status": "Pricing generated from Metronet API",
    "dispositionCode": "Final",
    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127340,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845133,
    "note": "Pricing zone = Category 1 - Install Interval - 60; Install
Interval = 60 days; ",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 599,
    "mrcCost": 599,
    "mrcTotalPrice": 599,
    "nrc": 259,

```

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"nrcCost": 250,  
"nrcTotalPrice": 259,  
"address": "240 Coweta Industrial Pkwy",  
"city": "Newnan",  
"state": "GA",  
"zip": "30265",  
"addressValid": 1,  
"latitude": "33.442418",  
"longitude": "-84.702208",  
"uniqueKey": "",  
"globallocationId": "",  
"countryCode": "USA",  
"secondaryDesignator": "",  
"secondaryNumber": "",  
"preferredSupplier": 0,  
"product": "Dedicated Internet",  
"speed": "ETHERNET 50M",  
"uploadSpeed": 50,  
"downloadSpeed": 50,  
"mediaType": "Fiber",  
"netStatus": "Connected",  
"bldgStatus": "OnNet",  
"status": "Pricing generated from Charter (Spectrum)-4290 API",  
"dispositionCode": "Final",  
"installInterval": 60,  
"buildingCompetitiveRating": "Green",
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"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
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  "priceState": "Priced",
  "term": "36",
  "locationId": 6845136,
  "note": "Pricing zone = Tier 2; ",
  "nniLocation": "",
  "provider": "DEF COMPANY",
  "mrc": 649,
  "mrcCost": 450,
  "mrcTotalPrice": 649,
  "nrc": 0,
  "nrcCost": 0,
  "nrcTotalPrice": 0,
  "address": "800 Mellon Ave",
  "city": "Manteca",
  "state": "CA",
  "zip": "95337",
  "addressValid": 1,
  "latitude": "37.790154",
```

```

    "longitude": "-121.209748",
    "uniqueKey": "MT12-337-1813684032",
    "globalLocationId": "US849WQRR+342PS00",
    "countryCode": "USA",
    "secondaryDesignator": "",
    "secondaryNumber": "",
    "preferredSupplier": 0,
    "product": "Dedicated Internet",
    "speed": "ETHERNET 50M",
    "uploadSpeed": 50,
    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "status": "Pricing generated from Frontier Communications Corporation-819 API",
    "dispositionCode": "Final",
    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127342,
    "priceState": "Priced",

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"term": "36",
"locationId": 6845136,
"note": "Pricing zone = Request a Quote; Install Interval = 75 days;
",
"nniLocation": "",
"provider": "ABC COMPANY",
"mrc": 0,
"mrcCost": 0,
"mrcTotalPrice": 0,
"nrc": 0,
"nrcCost": 0,
"nrcTotalPrice": 0,
"address": "800 Mellon Ave",
"city": "Manteca",
"state": "CA",
"zip": "95337",
"addressValid": 1,
"latitude": "37.790154",
"longitude": "-121.209748",
"uniqueKey": "MT12-337-1813684032",
"globalLocationId": "US849WQRR+342PS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
```

```

    "uploadSpeed": 50,
    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "status": "Pricing generated from Charter (Spectrum)-4290 API",
    "dispositionCode": "RAQ",
    "installInterval": 75,
    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127343,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845143,
    "note": "Pricing zone = Category 1 - Install Interval - 60; Install Interval = 60 days; ",
    "nniLocation": "",
    "provider": "ABC COMPANY",
    "mrc": 599,
    "mrcCost": 599,
    "mrcTotalPrice": 599,

```

```
"nrc": 259,
"nrcCost": 250,
"nrcTotalPrice": 259,
"address": "4747 McLane Pkwy",
"city": "Temple",
"state": "TX",
"zip": "76504",
"addressValid": 1,
"latitude": "31.146125",
"longitude": "-97.379563",
"uniqueKey": "MT12-C2F-c7001cb4",
"globalLocationId": "US86344JWG+R6HRS00",
"countryCode": "USA",
  "secondaryDesignator": "",
  "secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"interval": 60,
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "Final",
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```

    "installInterval": 60,
    "buildingCompetitiveRating": "Green",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127344,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845150,
    "note": "Pricing zone = Category 1 - Install Interval - 45; Install
Interval = 45 days; ",
    "nniLocation": "",
    "provider": "ABC COMPANY",
    "mrc": 599,
    "mrcCost": 599,
    "mrcTotalPrice": 599,
    "nrc": 259,
    "nrcCost": 250,
    "nrcTotalPrice": 259,
    "address": "1040 Bakers Ln",
    "city": "Nicholasville",
    "state": "KY",
    "zip": "40356",

```

```
"addressValid": 1,
"latitude": "37.914148",
"longitude": "-84.565278",
"uniqueKey": "MT12-C2F-5d6cf832",
"globalLocationId": "US869QWC7M+MV5BS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "Final",
"installInterval": 45,
"buildingCompetitiveRating": "Yellow",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
```

```

    }, {
      "id": 54127345,
      "priceState": "Priced",
      "term": "36",
      "locationId": 6845139,
      "note": "Pricing zone = T04; Install Interval = 30 days; ",
      "nniLocation": "",
      "provider": "GHI COMPANY",
      "mrc": 649,
      "mrcCost": 450,
      "mrcTotalPrice": 649,
      "nrc": 0,
      "nrcTotalPrice": 0,
      "address": "1700 W Industrial Dr",
      "city": "Rogers",
      "state": "AR",
      "zip": "72756",
      "addressValid": 1,
      "latitude": "36.352621",
      "longitude": "-94.139114",
      "uniqueKey": "MT12-C2F-b7ff6237",
      "globalLocationId": "US86879V36+38XBS00",
      "countryCode": "USA",
      "secondaryDesignator": "",
      "secondaryNumber": "",
      "preferredSupplier": 0,
    }
  ]
}

```

```
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
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"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Cox Communications-580 API",
"dispositionCode": "Final",
"installInterval": 30,
"minimumCircuitLevel": "2",
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"handoffType": "CAT5/FIBER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127346,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845136,
  "note": "Install Interval = 30 days; ",
  "nniLocation": "",
```

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"provider": "JKL COMPANY",  
"mrc": 699,  
"mrcCost": 489,  
"mrcTotalPrice": 699,  
"nrc": 0,  
"nrcTotalPrice": 0,  
"address": "800 Mellon Ave",  
"city": "Manteca",  
"state": "CA",  
"zip": "95337",  
"addressValid": 1,  
"latitude": "37.790154",  
"longitude": "-121.209748",  
"uniqueKey": "MT12-337-1813684032",  
"globalLocationId": "US849WQRR+342PS00",  
"countryCode": "USA",  
"secondaryDesignator": "",  
"secondaryNumber": "",  
"preferredSupplier": 0,  
"product": "Dedicated Internet",  
"speed": "ETHERNET 50M",  
"uploadSpeed": 50,  
"downloadSpeed": 50,  
"mediaType": "Fiber",  
"netStatus": "Connected",  
"bldgStatus": "OnNet",
```

```

    "status": "Pricing generated from Astound Wholesale-109 API",
    "dispositionCode": "Final",
    "installInterval": 30,
    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "handoffType": "CAT5/FIBER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }],
  "externalApiProgress": 70,
  "transactionStatus": "In progress",
  "message": "Solutions Found"
}
}
}

```

Response Example at 100% completion; Transaction Status “In Progress”

Get Prices submitted within 45 seconds of Post Create Pricing showing the External API Pricing in progress at 100% and the Transaction Status “In progress”.

```

{

```

```
"status": "success",

"pagination": {
  "page": 1,
  "pageSize": 100,
  "totalPages": 1
},

"data": {
  "totalLocations": 12,
  "totalLocationSolutions": 12,
  "numSolutions": 12,
  "pricingStatus": {
    "quoteId": 201938,
    "quoteName": "Deploy Test_sully",
    "accountId": 160975,
    "accountName": "CB_Test",
    "dealId": 178548,
    "dealName": "Deal_sully",
    "prices": [{
      "id": 54127335,
      "priceState": "Priced",
      "term": "36",
      "locationId": 6845149,
      "note": "Pricing zone = Category 1 - Install Interval - 45; Install Interval = 45 days; ",
      "nniLocation": "",
      "provider": "XYZ COMPANY",
      "mrc": 599,
```

```
"mrcCost": 599,  
"mrcTotalPrice": 599,  
"nrc": 259,  
"nrcCost": 250,  
"nrcTotalPrice": 259,  
"address": "1818 S Poinciana Blvd",  
"city": "Kissimmee",  
"state": "FL",  
"zip": "34758",  
"addressValid": 1,  
"latitude": "28.249434",  
"longitude": "-81.489898",  
"uniqueKey": "MT12-337-cbd903a2",  
"globalLocationId": "US76WW6GX5+MX6BS00",  
"countryCode": "USA",  
"secondaryDesignator": "",  
"secondaryNumber": "",  
"preferredSupplier": 0,  
"product": "Dedicated Internet",  
"speed": "ETHERNET 50M",  
"uploadSpeed": 50,  
"downloadSpeed": 50,  
"mediaType": "Fiber",  
"netStatus": "Connected",  
"bldgStatus": "OnNet",  
"interval": 60,
```

```

    "status": "Pricing generated from Charter (Spectrum)-4290 API",
    "dispositionCode": "Final",
    "installInterval": 45,
    "buildingCompetitiveRating": "Green",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127336,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845135,
    "note": "Pricing zone = Request a Quote; Install Interval = 60 days;
",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 0,
    "mrcCost": 0,
    "mrcTotalPrice": 0,
    "nrc": 0,
    "nrcCost": 0,
    "nrcTotalPrice": 0,
    "address": "910 NW 50th Ave",
    "city": "Ocala",

```

```
"state": "FL",
"zip": "34482",
"addressValid": 1,
"latitude": "29.197734",
"longitude": "-82.205194",
"uniqueKey": "",
"globalLocationId": "US76XV5QXV+3WVBS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "RAQ",
"installInterval": 60,
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
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"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127337,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845155,
  "note": "Pricing zone = Category 1 - Install Interval - 60; Install
Interval = 60 days; ",
  "nniLocation": "",
  "provider": "XYZ COMPANY",
  "mrc": 599,
  "mrcCost": 599,
  "mrcTotalPrice": 599,
  "nrc": 259,
  "nrcCost": 250,
  "nrcTotalPrice": 259,
  "address": "2641 Meadowbrook Rd",
  "city": "Rocky Mount",
  "state": "NC",
  "zip": "27801",
  "addressValid": 1,
  "latitude": "35.931408",
  "longitude": "-77.745721",
  "uniqueKey": "MT12-C2F-efc98c82",
  "globalLocationId": "US8774W7J3+HPVBS00",
  "countryCode": "USA",
```

```

    "secondaryDesignator": "",
    "secondaryNumber": "",
    "preferredSupplier": 0,
    "product": "Dedicated Internet",
    "speed": "ETHERNET 50M",
    "uploadSpeed": 50,
    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "interval": 90,
    "status": "Pricing generated from Charter (Spectrum)-4290 API",
    "dispositionCode": "Final",
    "installInterval": 60,
    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
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    "id": 54127338,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845154,

```

```

    "note": "Pricing zone = Request a Quote; Install Interval = 60 days;
  ",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 0,
    "mrcCost": 0,
    "mrcTotalPrice": 0,
    "nrc": 0,
    "nrcCost": 0,
    "nrcTotalPrice": 0,
    "address": "43 Valley View Dr",
    "city": "Jessup",
    "state": "PA",
    "zip": "18434",
    "addressValid": 1,
    "latitude": "41.457444",
    "longitude": "-75.548429",
    "uniqueKey": "",
    "globalLocationId": "US87H6FF52+28FBS00",
    "countryCode": "USA",
    "secondaryDesignator": "",
    "secondaryNumber": "",
    "preferredSupplier": 0,
    "product": "Dedicated Internet",
    "speed": "ETHERNET 50M",
    "uploadSpeed": 50,
    "downloadSpeed": 50,

```

```
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "RAQ",
"installInterval": 60,
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
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  "id": 54127339,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845150,
  "note": "Pricing zone = Pricing Tier 1; ",
  "nniLocation": "",
  "provider": "ABC COMPANY",
  "mrc": 329,
  "mrcCost": 320,
  "mrcTotalPrice": 329,
  "nrc": 0,
  "nrcCost": 0,
```

```
"nrcTotalPrice": 0,
"address": "1040 Bakers Ln",
"city": "Nicholasville",
"state": "KY",
"zip": "40356",
"addressValid": 1,
"latitude": "37.914148",
"longitude": "-84.565278",
"uniqueKey": "MT12-C2F-5d6cf832",
"globalLocationId": "US869QWC7M+MV5BS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Metronet API",
"dispositionCode": "Final",
"buildingCompetitiveRating": "Yellow",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
```

```

    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127340,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845133,
    "note": "Pricing zone = Category 1 - Install Interval - 60; Install
Interval = 60 days; ",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 599,
    "mrcCost": 599,
    "mrcTotalPrice": 599,
    "nrc": 259,
    "nrcCost": 250,
    "nrcTotalPrice": 259,
    "address": "240 Coweta Industrial Pkwy",
    "city": "Newnan",
    "state": "GA",
    "zip": "30265",
    "addressValid": 1,
    "latitude": "33.442418",
    "longitude": "-84.702208",
    "uniqueKey": "",

```

```
"globalLocationId": "",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "Final",
"installInterval": 60,
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127341,
  "priceState": "Priced",
  "term": "36",
```

```
"locationId": 6845136,
"note": "Pricing zone = Tier 2; ",
"nniLocation": "",
"provider": "DEF COMPANY",
"mrc": 649,
"mrcCost": 450,
"mrcTotalPrice": 649,
"nrc": 0,
"nrcCost": 0,
"nrcTotalPrice": 0,
"address": "800 Mellon Ave",
"city": "Manteca",
"state": "CA",
"zip": "95337",
"addressValid": 1,
"latitude": "37.790154",
"longitude": "-121.209748",
"uniqueKey": "MT12-337-1813684032",
"globalLocationId": "US849WQRR+342PS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
```

```

    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "status": "Pricing generated from Frontier Communications
Corporation-819 API",
    "dispositionCode": "Final",
    "buildingCompetitiveRating": "Yellow",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127342,
    "priceState": "Priced",
    "term": "36",
    "locationId": 6845136,
    "note": "Pricing zone = Request a Quote; Install Interval = 75 days;
",
    "nniLocation": "",
    "provider": "XYZ COMPANY",
    "mrc": 0,
    "mrcCost": 0,
    "mrcTotalPrice": 0,
    "nrc": 0,

```

```
"nrcCost": 0,
"nrcTotalPrice": 0,
"address": "800 Mellon Ave",
"city": "Manteca",
"state": "CA",
"zip": "95337",
"addressValid": 1,
"latitude": "37.790154",
"longitude": "-121.209748",
"uniqueKey": "MT12-337-1813684032",
"globalLocationId": "US849WQRR+342PS00",
"countryCode": "USA",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "RAQ",
"installInterval": 75,
"buildingCompetitiveRating": "Yellow",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
```

```
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127343,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845143,
  "note": "Pricing zone = Category 1 - Install Interval - 60; Install
Interval = 60 days; ",
  "nniLocation": "",
  "provider": "XYZ COMPANY",
  "mrc": 599,
  "mrcCost": 599,
  "mrcTotalPrice": 599,
  "nrc": 259,
  "nrcCost": 250,
  "nrcTotalPrice": 259,
  "address": "4747 McLane Pkwy",
  "city": "Temple",
  "state": "TX",
  "zip": "76504",
  "addressValid": 1,
  "latitude": "31.146125",
  "longitude": "-97.379563",
  "uniqueKey": "MT12-C2F-c7001cb4",
```

```

    "globalLocationId": "US86344JWG+R6HRS00",
    "countryCode": "USA",
    "secondaryDesignator": "",
    "secondaryNumber": "",
    "preferredSupplier": 0,
    "product": "Dedicated Internet",
    "speed": "ETHERNET 50M",
    "uploadSpeed": 50,
    "downloadSpeed": 50,
    "mediaType": "Fiber",
    "netStatus": "Connected",
    "bldgStatus": "OnNet",
    "interval": 60,
    "status": "Pricing generated from Charter (Spectrum)-4290 API",
    "dispositionCode": "Final",
    "installInterval": 60,
    "buildingCompetitiveRating": "Green",
    "pricingType": "END USER",
    "createdDate": "2022-07-22T18:37:23.000Z",
    "createdBy": "Skip Gummow",
    "addressStatusId": 2,
    "baseCurrency": "USD",
    "quoteCurrency": "USD"
  }, {
    "id": 54127344,
    "priceState": "Priced",

```

```
"term": "36",  
  "locationId": 6845150,  
  "note": "Pricing zone = Category 1 - Install Interval - 45; Install  
Interval = 45 days; ",  
  "nniLocation": "",  
  "provider": "XYZ COMPANY",  
  "mrc": 599,  
  "mrcCost": 599,  
  "mrcTotalPrice": 599,  
  "nrc": 259,  
  "nrcCost": 250,  
  "nrcTotalPrice": 259,  
  "address": "1040 Bakers Ln",  
  "city": "Nicholasville",  
  "state": "KY",  
  "zip": "40356",  
  "addressValid": 1,  
  "latitude": "37.914148",  
  "longitude": "-84.565278",  
  "uniqueKey": "MT12-C2F-5d6cf832",  
  "globalLocationId": "US869QWC7M+MV5BS00",  
  "countryCode": "USA",  
  "secondaryDesignator": "",  
  "secondaryNumber": "",  
  "preferredSupplier": 0,  
  "product": "Dedicated Internet",  
  "speed": "ETHERNET 50M",
```

```
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Charter (Spectrum)-4290 API",
"dispositionCode": "Final",
"installInterval": 45,
"buildingCompetitiveRating": "Yellow",
"pricingType": "END USER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127345,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845139,
  "note": "Pricing zone = T04; Install Interval = 30 days; ",
  "nniLocation": "",
  "provider": "GHI COMPANY",
  "mrc": 649,
  "mrcCost": 450,
  "mrcTotalPrice": 649,
```

```
"nrc": 0,
"nrcTotalPrice": 0,
"address": "1700 W Industrial Dr",
"city": "Rogers",
"state": "AR",
"zip": "72756",
"addressValid": 1,
"latitude": "36.352621",
"longitude": "-94.139114",
"uniqueKey": "MT12-C2F-b7ff6237",
"globalLocationId": "US86879V36+38XBS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Cox Communications-580 API",
"dispositionCode": "Final",
"installInterval": 30,
"minimumCircuitLevel": "2",
```

```
"buildingCompetitiveRating": "Green",
"pricingType": "END USER",
"handoffType": "CAT5/FIBER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
}, {
  "id": 54127346,
  "priceState": "Priced",
  "term": "36",
  "locationId": 6845136,
  "note": "Install Interval = 30 days; ",
  "nniLocation": "",
  "provider": "JKL COMPANY",
  "mrc": 699,
  "mrcCost": 489,
  "mrcTotalPrice": 699,
  "nrc": 0,
  "nrcTotalPrice": 0,
  "address": "800 Mellon Ave",
  "city": "Manteca",
  "state": "CA",
  "zip": "95337",
  "addressValid": 1,
```

```
"latitude": "37.790154",
"longitude": "-121.209748",
"uniqueKey": "MT12-337-1813684032",
"globalLocationId": "US849WQRR+342PS00",
"countryCode": "USA",
"secondaryDesignator": "",
"secondaryNumber": "",
"preferredSupplier": 0,
"product": "Dedicated Internet",
"speed": "ETHERNET 50M",
"uploadSpeed": 50,
"downloadSpeed": 50,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Pricing generated from Astound Wholesale-109 API",
"dispositionCode": "Final",
"installInterval": 30,
"buildingCompetitiveRating": "Yellow",
"pricingType": "END USER",
"handoffType": "CAT5/FIBER",
"createdDate": "2022-07-22T18:37:23.000Z",
"createdBy": "Skip Gummow",
"addressStatusId": 2,
"baseCurrency": "USD",
"quoteCurrency": "USD"
```

```
    }],  
    "externalApiProgress": 100,  
    "transactionStatus": "In progress",  
    "message": "Solutions Found"  
  }  
}  
}
```

Response Example at 100% completion; Transaction Status “Success”

Get Prices submitted within 1 minute of Post Create Pricing showing the External API Pricing in progress at 100% and the Transaction Status “**Success**”.

Sample Response

```
{  
  "status": "success",  
  "pagination": {  
    "page": 1,  
    "pageSize": 100,  
    "totalPages": 1  
  },  
  "data": {  
    "totalLocations": 1,  
    "totalLocationSolutions": 1,  
    "numSolutions": 1,  
    "pricingStatus": {  
      "quoteId": 36074,  

```

```
"quoteName": "2",  
  
"customerQuoteId": "127082",  
  
"accountId": 13615,  
  
"accountName": "Mosaic",  
  
"dealId": 24859,  
  
"dealName": "1 Summer St, Boston, MA 02110, United States",  
  
"prices": [{  
  "id": 22972002,  
  "quoteId": 36075,  
  "priceState": "Selected",  
  "term": "12",  
  "locationId": 2757239,  
  "customerLocationId": "",  
  "note": "123123",  
  "provider": "Mosaic NetworX",  
  "mrc": 60,  
  "mrcCost": 60,  
  "mrcTotalPrice": 60,  
  "nrc": 10,  
  "nrcCost": 10,  
  "nrcTotalPrice": 10,  
  "baseCurrencyId": 1,  
  "address": "1 Summer St",  
  "city": "Boston",  
  "state": "MA",  
  "zip": "02110",
```

```
"addressValid": 1,
"secondaryDesignator": "",
"secondaryNumber": "",
"latitude": "42.355167",
"longitude": "-71.060461",
"uniqueKey": "078H-187-174094347",
"globalLocationId": "US87JC9W3Q+PQJPB",
"countryCode": "USA",
"preferredSupplier": 0,
"customerComponentId": "",
"customProductName": "5 Mbps / 60 Mbps",
"product": "Dedicated Internet",
"speed": "ETHERNET 1M",
"uploadSpeed": 1,
"downloadSpeed": 1,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"status": "Originated from Sub-quote",
"dispositionCode": "Final",
"pricingType": "END USER",
"createdDate": "2023-01-19T10:48:33.000Z",
"createdBy": "Kate Suprunova",
"addressStatusId": 3,
"lastmileSupplier": "Cox Communications",
"providerOrder": "jkh",
```

```

        "catalog": "Default",
        "resellerSupplier": "Ability",
        "quoteCurrencyMrc": 60,
        "quoteCurrencyNrc": 10,
        "quoteCurrencyMrcCost": 60,
        "quoteCurrencyMrcTotalPrice": 60,
        "quoteCurrencyNrcCost": 10,
        "quoteCurrencyNrcTotalPrice": 10,
        "baseCurrency": "USD",
        "quoteCurrency": "USD"
    }],
    "externalApiProgress": 100,
    "transactionStatus": "Success",
    "message": "Solutions Found"
}
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
totalLocations	Total number of locations searched for a solution.	string
totalLocationSolutions	Total number of locations for which a solution was found	string
numSolutions	The number of solutions found	string
pricingStatus	Object wrapper	object
quoteId	Connectbase system generated Id	string
quoteName	The name assigned to the quote at the time the quote was created.	string
customerQuoteId	Comcast sales quote Id or service Id	string
accountId	The system generated account id that is tied to the account name.	int
accountName	The user defined name assigned to uniquely identify an account.	string
dealId	The system generated deal id that is tied to the deal name.	int
dealName	The user defined name assigned to uniquely identify the account.	string
projectId	Alphanumeric project Id.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
billingAccount	The name given to a preassigned billing account, where applicable. Billing accounts are optional, but where configured, are carried through to the quote and are applied at the deal level.	string
banId	The billing account number that is tied to the billing account.	string
defaultCompanyCPQRuleChain	Where applicable, identifies the configured rule chain name if the company has set a default CPQ rule chain to be assigned for quoting of this location(s).	string
prices	An array wrapper containing pricing objects	object array
id	The unique identifier for the solution id in the pricing response.	int
quoteId	A unique ID that is used to identify the quote.	int
priceState	The current process state of the solution element. Valid states are: Priced, Selected, Quoted, Sent, Ordered, Canceled, and Completed.	string
term	Indicates the length of the quote in months.	string
location_id	Connectbase unique numeric representation of the location.	int
CustomerLocationId	Customer-provided alphanumeric ID of a location.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
note	Any additional data to be stored with the quote. For example, “Last Mile Provider = CLECT, Supplier quote ID = 1516905608”	string
nniLocation	An address of the network-to-network interface for the provider.	string
provider	The name of the service supplier.	string
mrc	Monthly recurring cost	float
mrcCost	The monthly recurring cost returned by a supplier in CPQ.	float
mrcTotalPrice	The monthly total price, composed by the price + margin, markup, or fees over price.	float
nrc	Non-recurring cost	float
nrcCost	The non-recurring cost returned by a supplier in CPQ	float
nrcTotalPrice	The non-recurring total price, composed by the price + margin, markup, or fees over price.	float
baseCurrencyId	Identifier used to define the base currency.	int
address	The address of the quoted location.	string
city	The city of the quoted location.	string
state	The state of the quoted location.	string
zip	The zip code of the quoted location.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
addressValid	Indicates if the address passed validation. (0 = no; 1 = yes)	int
secondaryDesignator	Designation of the unit of the address, such as a suite, apartment, etc.	string
secondaryNumber	Identifier for a secondary address number, such as a suite number, apartment number, etc.	string
latitude	<p>The angular distance of a place north or south of the earth's equator, or of a celestial object north or south of the celestial equator, usually expressed in degrees and minutes.</p> <p>-90 to +90</p> <p>Default coordinate system is WGS1984.</p>	string
longitude	<p>The angular distance of a place east or west of the meridian at Greenwich, England, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes. -180 to +180</p> <p>Default coordinate system is WGS1984.</p>	string
uniqueKey	The unique building ID as indicated in the Connectbase platform.	string
globalLocationId	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
countryCode	Indicates the country in which the building resides in ISO-3 format, such as USA.	string
preferredSupplier	Indicates if the supplier has been tagged as preferred (0 = No; 1 = Yes)	int
siteName	Customer provided site name	string
siteId	An optional customer defined site id that, when provided, is uploaded as part of the deal, reflected back, and associated with the priced solutions.	string
siteCategory	Indicates the connectivity status at the location, such as OffNet	string
customerComponentId		string
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
customProductName	Where provided, a custom name used to identify the product.	string
apiProductName	Identifies the API product name, for example, “Cox Dedicated Internet”	string
speed	The requested speed as indicated in the Create Quote process.	string
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float
mediaType	<p>The medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless - Satellite • Other 	string
netStatus	<p>A metric to identify the build status of a carrier's network in a building.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
bldgStatus	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect 	string
interval	The time interval for installation.	string
status	Indicates the source of data. For example, "Pricing generated from Spectrum Charter SMB API",	string
dispositionCode	<p>Options include: Budgetary, Final, ICB, or RAQ.</p> <p>Budgetary –The pricing has been loosely defined and may need to be revisited during the buying process.</p> <p>Final - The pricing/cost is well defined and firm. The default is "Final" unless specifically known. This can vary by customer/supplier relationship.</p> <p>ICB - The pricing is on an Individual Case Basis.</p> <p>RAQ – Request a quote for pricing.</p>	string
installInterval	The timeframe for installation that is quoted by the provider to the customer.	int
minimumCircuitLevel	The minimum circuit level accepted by the provider	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
building_competitive_rating	<p>Competitive Ratings data is used to help you to better understand the competitive landscape and more effectively price services.</p> <p>Green – No other competitive provider is at this location other than the customer’s own network, the LEC, or the Cableco.</p> <p>Yellow –One competitive provider is present at this location.</p> <p>Red – Two or more competitive providers are present at this location, in addition to the LEC or Cableco.</p>	string
handoffType	Related to the type of service to be provided. For example, Ethernet service delivered via CAT5.	string
flexField1	A customer defined field, where provided.	string
pricingType	For example, “END USER, DATA CENTER or POP”	string
createdDate	The request creation date	string
createdBy	The name of the requester	string
addressStatusId	Allows you to determine which of the data resources was used to validate the address; Market Data, Smarty Streets, or Other.	int
apiInfo	Any additional information about products pulled from external APIs that provide serviceability only, without a corresponding field in CPQ, are stored in "API Info, such as tiering information.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
LastMileSupplier	Where applicable, indicates the name of the last mile supplier for your quoted product(s). For example: If Company X is quoting a product from Company Y, then Company X is indicated as the Supplier and Company Y is indicated as the Last Mile Supplier.	string
providerOrder	The order alphanumeric reference pulled from the quote order	string
quoteCurrencyMrc	The quote currency for the monthly recurring PRICE returned by CPQ, if other than USD.	float
quoteCurrencyNrc	The quote currency for the non-recurring PRICE returned by CPQ, if other than USD.	float
quoteCurrencyMrcCost	The quote currency cost returned by a supplier in CPQ, if other than USD.	float
quoteCurrencyMrcTotalPrice	The quote currency for the monthly recurring total price, composed by the price + margin, markup, or fees over price, if other than USD.	float
quoteCurrencyNrcCost	The quote currency for the non-recurring cost returned by a supplier in CPQ, if other than USD.	float
quoteCurrencyNrcTotalPrice	The quote currency for the non-recurring total price, composed by the price + margin, markup, or fees over price, of other than USD.	float

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
baseCurrency	The currency in which a customer is buying the service, associated to Suppliers. Options include: USD, EUR, JPY, AED, AFN, ALL.	string
quoteCurrency	The currency in which a customer is selling the service, associated to a Billing Account or Account. The conversion from Base Currency to Quote Currency is based on the Exchange Rate.	string
notes	Generic or system generated notes associated with the solution.	string
externalApiProgress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int
transactionStatus	Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors. Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i> <i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i>	string
message	Indicates if solution was found/not found	string

Get prices
Error Response Example
<pre>"status": "fail", "message": "'query.state' must be one of [Priced, Selected, Quoted, Sent, Ordered, Completed, Canceled]" }</pre>

GET quote config

Requirements and Special Considerations
Returns quote configuration values. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/config[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Note: For the latest listing of all products and speeds, see Appendix A.

Get quote config

Success Response Example

```
{
  "status": "success",
  "data": {
    "channel_list": ["Default", "Wholesale", "Enterprise", "Channel"],
    "termList": [12, 24, 36, 48, 60],
    "media_types": ["Fiber", "Coax/HFC", "Copper", "Wireless - Fixed",
"Other", "Wireless - Mobile", "Wireless - Satellite"],
    "geographies_list": [],
    "product_speeds": [{
      "product": "SONET/TDM",
      "speeds": ["OC3C", "OC12C", "OC48C", "OC192C", "OC48", "DS3", "OC3",
"OC12", "OC192", "E1", "DS1", "OC1", "DS0"]
    }, {
      "product": "Wavelengths",
      "speeds": ["Wavelength 1Gig", "Wavelength 10Gig", "Wavelength 40Gig",
"Wavelength 100Gig", "Wavelength 2.5Gig", "10G Wave 4", "2.5G Wave 4", "10G
Wave 2", "2.5G Wave 2"]
    }, {
      "product": "Dark Fiber",
      "speeds": ["Dark Fiber Pair IRU", "Dark Fiber Pair Lease"]
    }, {
      "product": "MPLS",
      "speeds": ["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M",
"ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M",
"ETHERNET 10M", "ETHERNET 20M", "ETHERNET 30M", "ETHERNET 40M ", "ETHERNET
50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M",
"ETHERNET 100M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M",
"ETHERNET 300M", "ETHERNET 400M", "ETHERNET 500M", "ETHERNET 600M",
"ETHERNET 700M", "ETHERNET 800M", "ETHERNET 900M", "ETHERNET 1000M",
"ETHERNET 1G", "ETHERNET 10G", "ETHERNET 40G", "DS1", "3.0 NxDS1", "4.5
NxDS1", "6.0 NxDS1", "7.5 NxDS1", "9.0 NxDS1"]
    }
  ]
}
```

```

    }, {
        "product": "Dedicated Internet",

        "speeds": ["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M",
"ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M",
"ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 25M", "ETHERNET
30M", "ETHERNET 40M ", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 60M",
"ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET
125M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M",
"ETHERNET 350M", "ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M",
"ETHERNET 550M", "ETHERNET 600M", "ETHERNET 650M", "ETHERNET 700M",
"ETHERNET 750M", "ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M",
"ETHERNET 950M", "ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET
3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET
8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 20G", "ETHERNET 30G",
"ETHERNET 40G", "ETHERNET 50G", "ETHERNET 60G", "ETHERNET 70G", "ETHERNET
80G", "ETHERNET 90G", "ETHERNET 1.5G", "ETHERNET 100G", "ETHERNET 150G",
"ETHERNET 200G", "ETHERNET 250G", "ETHERNET 300G", "ETHERNET 400G",
"ETHERNET 500G", "DS1", "3.0 NxDS1", "4.5 NxDS1", "6.0 NxDS1", "7.5 NxDS1",
"9.0 NxDS1"]

    }, {
        "product": "Broadband",

        "speeds": ["1G/1G", "30/8", "50/8", "100/8", "5/0.768", "10/0.768",
"75/7", "115/7", "75/37", "45/6", "60/6", "75/6", "105/6", "5/0.896",
"7/0.896", "10/0.896", "12/0.896", "20/0.896", "1.5/0.896", "5/5", "10/5",
"12/5", "15/5", "20/5", "24/5", "25/5", "30/5", "35/5", "40/5", "50/5",
"60/5", "75/5", "90/5", "100/5", "150/5", "200/5", "25/25", "250/5",
"3/0.5", "35/35", "40/15", "50/25", "6/0.5", "60/25", "75/15", "75/75",
"100/15", "101/35", "110/15", "120/15", "125/25", "15/1.5", "150/15",
"150/35", "150/75", "20/1.5", "200/15", "225/25", "240/15", "25/1.5",
"250/15", "250/25", "30/1.5", "300/15", "300/25", "300/75", "330/15",
"350/15", "400/25", "50/2.5", "500/15", "500/25", "500/35", "750/35",
"940/35", "1.5/0.5", "10/0.75", "1000/35", "250/125", "275/275", "30/1.25",
"350/175", "0.5/0.25", "20/4", "25/4", "45/4", "50/4", "60/4", "3/0.64",
"1/0.384", "3/0.384", "15/3", "24/3", "25/3", "30/3", "35/3", "40/3",
"45/3", "50/3", "70/3", "90/3", "100/3", "10/2", "15/2", "20/2", "25/2",
"30/2", "40/2", "120/12", "5/0.512", "6/0.512", "1.5/0.512", "4/1", "5/1",
"6/1", "8/1", "9/1", "10/1", "12/1", "15/1", "18/1", "25/201", "10/10",
"15/10", "1G/20", "1G/40", "20/20", "25/10", "30/10", "40/40", "50/10",
"50/20", "50/50", "55/10", "60/10", "60/20", "70/70", "75/10", "80/10",
"100/10", "100/20", "100/30", "100/50", "101/10", "105/10", "110/20",
"120/40", "140/20", "150/10", "150/20", "150/30", "150/40", "1G/300",
"1G/400", "1G/500", "200/10", "200/20", "200/30", "200/40", "250/10",
"250/20", "250/50", "250/70", "300/20", "300/30", "300/50", "400/10",
"400/20", "400/30", "500/10", "500/20", "500/30", "500/40", "500/50",
"500/60", "600/30", "600/40", "750/20", "100/100", "1000/30", "1000/50",
"150/150", "200/100", "200/200", "300/150", "300/300", "400/400", "500/100",
"500/250", "500/500", "600/400", "750/200", "750/300", "940/880",
"1000/100", "1000/200", "15/0.750", "2000/2000"]
    }

```

```

    }, {
      "product": "Cloud Connect",

      "speeds": ["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M",
"ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M",
"ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 30M", "ETHERNET
40M ", "ETHERNET 50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M",
"ETHERNET 90M", "ETHERNET 100M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET
250M", "ETHERNET 300M", "ETHERNET 400M", "ETHERNET 500M", "ETHERNET 600M",
"ETHERNET 700M", "ETHERNET 800M", "ETHERNET 900M", "ETHERNET 1G", "ETHERNET
2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET
7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 40G", "ETHERNET
100G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode", "1000M Multi
Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single Mode", "10000M
Single Mode", "10M RJ45", "100M RJ45"]

    }, {
      "product": "Ethernet - Dedicated",

      "speeds": ["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M",
"ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M",
"ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 25M", "ETHERNET
30M", "ETHERNET 40M ", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 60M",
"ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET
150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 350M",
"ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 550M",
"ETHERNET 600M", "ETHERNET 650M", "ETHERNET 700M", "ETHERNET 750M",
"ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M", "ETHERNET 950M",
"ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET
4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET
9G", "ETHERNET 10G", "ETHERNET 40G", "ETHERNET 1.5G", "ETHERNET 100G",
"ETHERNET 2.5G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode",
"1000M Multi Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single
Mode", "10000M Single Mode", "10M RJ45", "100M RJ45"]

    }, {
      "product": "Ethernet - Switched",

      "speeds": ["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M",
"ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M",
"ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 25M", "ETHERNET
30M", "ETHERNET 40M ", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 60M",
"ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET
150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 350M",
"ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 550M",
"ETHERNET 600M", "ETHERNET 650M", "ETHERNET 700M", "ETHERNET 750M",
"ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M", "ETHERNET 950M",
"ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET
4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET
9G", "ETHERNET 10G", "ETHERNET 40G", "ETHERNET 1.5G", "ETHERNET 100G",
"ETHERNET 2.5G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode",

```

```

"1000M Multi Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single
Mode", "10000M Single Mode", "10M RJ45", "100M RJ45"]

    }, {

        "product": "SD WAN",

        "speeds": ["1M", "2M", "3M", "4M", "5M", "6M", "7M", "8M", "9M",
"10M", "20M", "30M", "40M", "50M", "60M", "70M", "80M", "90M", "100M",
"150M", "200M", "250M", "300M", "400M", "500M", "600M", "700M", "800M",
"900M", "1000M", "1G", "2G", "3G", "4G", "5G", "6G", "7G", "8G", "9G",
"10G", "40G", "100G"]

    }, {

        "product": "User Network Interface",

        "speeds": ["UNI 1G Port", "UNI 10G Port", "UNI 10/100M Port"]

    }, {

        "product": "Static IP",

        "speeds": ["Static IP 2 IPs", "Static IP 4 IPs", "Static IP 5 IPs",
"Static IP 8 IPs", "Static IP 13 IPs", "Static IP 16 IPs", "Static IP 29
IPs", "Static IP 32 IPs", "Static IP 61 IPs", "Static IP 64 IPs", "Static IP
125 IPs", "Static IP 128 IPs", "Static IP 253 IPs", "Static IP 256 IPs",
"Static IP 512 IPs", "Static IP 1 IP"]

    }, {

        "product": "Network Network Interface",

        "speeds": ["UNI 1G Port", "UNI 10G Port", "UNI 10/100M Port"]

    }, {

        "product": "Dedicated Internet - Managed",

        "speeds": ["5M", "10M", "20M", "50M", "100M", "200M", "250M", "500M",
"600M", "1000M", "1.544M"]

    }, {

        "product": "VPN",

        "speeds": ["5M", "10M", "20M", "50M", "100M", "200M", "250M", "500M",
"600M", "1000M", "1.544M", "3.088M", "4.632M", "6.176M", "7.720M", "9.264M",
"10.808M", "12.352M"]

    }

}

```

```

    }
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
channel_list	Default, Wholesale, Enterprise, or Channel	array
termList	Defines the terms for pricing, i.e., 12, 24, etc.	array
media_types	Access medium ["Fiber", "Coax/HFC", "Copper", "Wireless - Fixed", "Other", "Wireless - Mobile", "Wireless - Satellite"],	array
geographies_list	List of configured pricing geographies.	array
product_speeds	object array	array
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
speed	The requested speed as indicated in the Create Quote process.	string

Get quote config
Error Response Example
<pre> { "status": "fail", </pre>

```
"message": "Wrong user's account configuration. Please contact  
support@connectbase.com"  
}
```

GET quote prices

Note: This method is included for backward compatibility with V1 but will be deprecated in a future release. Connectbase recommends that you use the [Get prices](#) method instead.

Use this method to check if prices were generated and get the return progress status and prices - if generation was finished.

Requirements and Special Considerations

N/A <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

Request URL

https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/{quote_id}/prices?companyId={companyId}

Request parameters	Characteristic	Description/Requirements
account_id	int	The Account id to which the quote is to be associated
deal_id	int	The deal id to which the quote is associated.
quote_id	int	Connectbase system generated Id.
companyId	int	Your company id.

Get quote prices

Error Response Example

```
{  
  "status": "fail",  
  "message": "'params.quoteMasterId' must be a number"  
}
```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

GET selected prices

Requirements and Special Considerations
Quote Id and Company Id are required parameters.

Request URL
https://Connectbase.com/advanced-cpq/v2/quotes/{quoteId}/selections?companyId={companyId}&page[&pageSize]

Request parameters	Characteristic	Description/Requirements
quoteId (required)	string	Connectbase system generated Id.
companyId (required)	string	The authorized numeric Connectbase company instance identifier.
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.

Get selected prices
Success Response Example

```
{
  "status": "success",
  "pagination": {
    "page": 1,
    "pageSize": 100,
    "totalPages": 1
  },
  "data": {
    "customFields": [{
      "fieldId": 834,
      "fieldName": "Quote_custField",
      "fieldLabel": "custField_qLevel",
      "fieldValue": "Connectbase - 2",
      "isDeleted": 0,
      "quoteId": 15368,
      "fieldTypeName": "TEXT",
      "fieldTypeLabel": "Text"
    }],
    "totalLocations": 2,
    "totalLocationSolutions": 1,
    "pricingStatus": {
      "quoteId": 15368,
      "projectId": "",
      "prices": [{
        "id": 20010444,
        "priceState": "Selected",
```

```
"term": "12",
"locationId": 2081470,
"note": "",
"provider": "PQR COMPANY",
"mrc": 19191,
"nrc": 11919,
"address": "1701 Duke St",
"city": "Alexandria",
"state": "VA",
"zip": "22314",
"latitude": "38.80465",
"longitude": "-77.05952",
"uniqueKey": "EL00-438-404098c9",
"globalLocationId": "US87C4RW3R+V59PP",
"countryCode": "USA",
"product": "Dedicated Internet",
"speed": "ETHERNET 10M",
"uploadSpeed": 10,
"downloadSpeed": 10,
"mediaType": "Fiber",
"netStatus": "Connected",
"bldgStatus": "OnNet",
"interval": 30,
"status": "Pricing generated from FiberLight LLC API",
"currency": "USD",
"notes": "Red",
```

```

    "customFields": [{
      "fieldId": 843,
      "fieldName": "Solution_custField",
      "fieldLabel": "custField_solLevel",
      "fieldValue": "1000",
      "isDeleted": 0,
      "quotePriceId": 20010444,
      "fieldTypeName": "TEXT",
      "fieldTypeLabel": "Text"
    }]
  },
  "progress": 100,
  "transactionStatus": "Completed",
  "message": "Solutions Found"
}
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
pricingStatus	object wrapper	object
quoteld	Connectbase system generated Id	string
customerQuoteld	Comcast sales quote Id or service Id	string
projectId	Alphanumeric project Id.	string
prices	An array wrapper containing pricing objects	object array
customField	object wrapper	object
customFieldName	The customer provided name given to identify a custom field.	string
id	The unique identifier for the solution id in the pricing response.	int
priceState	The current process state of the solution element. Valid states are: Priced, Selected, Quoted, Sent, Ordered, Canceled, and Completed.	string
term	Indicates the length of the quote in months.	string
location_id	A numeric representation of a unique location.	int
customerLocationId	Customer-provided alphanumeric ID of a location.	string
note	Generic or system generated notes associated with the solution.	string
nniLocation	An address of the network-to-network interface for the provider.	string
provider	The name of the service supplier.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
mrc	Monthly recurring cost	float
nrc	Non-recurring cost	float
address	The address of the quoted location.	string
city	The city of the quoted location.	string
state	The state of the quoted location.	string
zip	The zip code of the quoted location.	string
latitude	<p>The angular distance of a place north or south of the earth's equator, or of a celestial object north or south of the celestial equator, usually expressed in degrees and minutes.</p> <p>-90 to +90</p> <p>Default coordinate system is WGS1984.</p>	string
longitude	<p>The angular distance of a place east or west of the meridian at Greenwich, England, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes. - 180 to +180</p> <p>Default coordinate system is WGS1984.</p>	string
secondaryDesignator	Designation of the unit of the address, such as a suite, apartment, etc.	string
secondaryNumber	Identifier for a secondary address number, such as a suite number, apartment number, etc.	string
uniqueKey	The unique building ID as indicated in the Connectbase platform.	string
globalLocationId	Connectbase's proprietary ID system that provides a unique identification	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
	code for every location within the seven continents.	
countryCode	Indicates the country in which the building resides in ISO-3 format, such as USA.	string
siteName	Customer provided site name	string
siteId	An optional customer defined site id that, when provided, is uploaded as part of the deal, reflected back, and associated with the priced solutions.	string
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
speed	The requested speed as indicated in the Create Quote process.	string
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float
mediaType	<p>The access medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless - Satellite • Other 	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
netStatus	<p>A metric to identify the build status of a carrier's network in a building.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	string
bldgStatus	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net-Limited Access • OnNet • Prospect 	string
interval	The timeframe for installation that is quoted by the provider to the customer.	int
pricingCriteria	object wrapper	object
status	Indicates the source of data. For example, "Pricing generated from Spectrum Charter SMB API".	string
specialConstruction	Used to identify any special construction costs needed to bring a Near Net building OnNet.	float
scContribution	Providers contribution to Special Construction costs	float
pricingCode	Maps to a custom pricing attribute supplied by the customer.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
scNet	Net Special Construction costs	float
currency	The code associated with a specific currency type, such as USD for United States Dollar	string
notes	Associated with the solution id. Generic or system generated notes associated with the solution.	string
progress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int
transactionStatus	<p>Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i></p>	string

Get selected prices
Error Response Example
<pre>{ "status": "fail", "message": "Pricing process is not completed", "data": { "progress": 76 } }</pre>

```
}  
  
}
```

GET users companies

Requirements and Special Considerations

N/A <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

Request URL

<https://api.connected2fiber.com/advanced-cpq/v2/companies>

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.

Get user's companies

Success Response Example

```
{  
  "data": {  
    "companies": [{  
      "id": 123,  
      "name": "Blue Ocean"  
    }]  
  },  
  "status": "success"  
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
data	object wrapper	object
companies	array wrapper	array
id	The Connectbase generated company Id	int
name	The company name	string
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

Get users companies
Error Response Example
<pre>{ "status": "fail", "message": "Forgot to provide the user header" }</pre>

POST import prices

Requirements and Special Considerations
Account Id, Deal Id, and Quote Id are required parameters. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{accountId}/deals/{dealId}/quotes/{quoteId}/prices/quoteConfigs/{quoteConfigId}/import?companyId={companyId}

Request parameters	Characteristic	Description/Requirements
accountId (required)	int	The Account id to which the quote is to be associated
dealId (required)	int	The deal id that is to be associated with the account.
quoteId (required)	string	Connectbase system generated Id.
quoteConfigId	int	The customer provided quote configuration Id.
companyId	int	The authorized numeric Connectbase company instance identifier.

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.

Request Body Attributes	Mandatory	Values/Requirements
prices	N/A	array wrapper
transaction_indicator	Yes	N – New, U = Update, D = Delete
id	Yes (N, U, D)	Unique pricing Id.
mrc	Yes (N, U)	Monthly recurring cost
nrc	Yes (N, U)	Non-recurring cost
address	Yes (N)	Street address
city	Yes (N)	city name
state	Yes (N)	state
zip	Yes (N)	zip code
country_code	Yes (N)	country
provider	Yes (N)	supplier name
term	Yes (N)	Length of Term: <ul style="list-style-type: none"> • 12 • 24 • 36 • 48 • 60 • MTM
product	Yes (N)	The product name. Refer to Appendix A for a list of available products in the product catalog.
speed	Yes (N)	Array of speeds related to product (See Appendix A).
media_type	Yes (N)	An array of media types:

Request Body Attributes	Mandatory	Values/Requirements
		<ul style="list-style-type: none"> • Fiber • Coax/HFC • Copper • Wireless – Fixed • Other • Wireless – Mobile • Wireless - Satellite
custom_product_name	No	
custom_speed_name	No	
net_status	Yes (N)	Indicates the network connectivity status, for example, Connected, Not Connected.
bldg_status	Yes (N)	Indicates the building status, for example, OnNet, Near Net, etc.
nni_location	No	Indicates the address of the NNI location, where applicable.
provider_mrc	Yes (N)	The provider's monthly recurring cost for the service.
provider_nrc	Yes (N)	The provider's non-recurring cost for the service.
status	No	Used to indicate the source of the pricing, for example "Pricing generated from Mediacom-206 API",
note	No	Optional notes related to the request.
price_engine_source	No	
deal_set_id	No	

POST import prices
Request body
<pre> { "prices": [{ "transaction_indicator": "N", "address": "6317 Creel Rd", "city": "Theodore", "state": "AL", "zip": "36582", "country_code": "USA", "provider": "COMPANY NAME", "term": "12", "product": "Ethernet - Dedicated", "speed": "10M Multi Mode", "media_type": "Fiber", "mrc": 220, "nrc": 440, "net_status": "Connected", "bldg_status": "OnNet", "nni_location": null, "provider_mrc": 220, "provider_nrc": 440, "note": null, "price_engine_source": null, "deal_set_id": null }] } </pre>

```

    ]
}

```

POST import prices	
Success Response Example	
<pre> { "status": "success" } </pre>	

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

POST import prices	
Error Response Example	
<pre> { "status": "FAILED", "processedRow": 1, "totalRow": 1, "logs": [{ "status": "SUCCESS", "statusLog": "File import started", "createdDate": 1616083174490 }, { </pre>	

```
        "status": "FAILED",
        "statusLog": "Location not Found",
        "description": "Provided address (Price №1) is not a part of the
deal",
        "createdDate": 1616083174498
    },
    {
        "status": "FAILED",
        "statusLog": "File import failed",
        "description": "File import data is not valid",
        "createdDate": 1616083174511
    }
]
}
```

POST Create pricing

Primary combined method that adds locations, allows for multiple product configurations, and initiates the pricing process either synchronously or asynchronously if a callback URL is provided.

Requirements and Special Considerations

The API user must be a platform user with permissions of “Edit User” or above to run this API.

Rate Limit: 15 calls/min

Request URL

`https://api.connected2fiber.com/advanced-cpq/v2/accounts/{accountId}/deals/{dealId}?companyId={companyId}`

Request parameters	Characteristic	Description/Requirements
accountId	int	The Account id to which the quote is to be associated
dealId	int	The deal id that is to be associated with the account.
companyId	int	The authorized numeric Connectbase company instance identifier.

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.

Request Body Attributes	Mandatory	Values/Requirements
quoteName	Yes	A unique identifier for the quote.
customerQuoteId		Sales quote Id or service Id.

Request Body Attributes	Mandatory	Values/Requirements
quoteType	No	Quote type as defined by the customer. new; change ;upgrade; CREATE; AMEND; CANCEL
quoteNotes	No	Customer defined notes related to this quote. High level quote description.
customFields	No	N/A
config	N/A	Object wrapper
productCriteria	N/A	Object wrapper
product	Yes	See Appendix A for a list of the available products.
mediaTypes	Yes	An array of media types: <ul style="list-style-type: none"> • Fiber • Coax/HFC • Copper • Wireless – Fixed • Other • Wireless – Mobile • Wireless - Satellite
channel (string) or channels (array)	Yes	Use “channel” if only a single channel is to be requested. For example: “channel” “Default” Use “channels” if multiple channels are requested. For example: [“Default” “Wholesale”]
pricingAccountName	Yes	Default: None

Request Body Attributes	Mandatory	Values/Requirements
term	Yes	Length of Term: <ul style="list-style-type: none"> • 12 • 24 • 36 • 48 • 60 • MTM
include_Offnet	Yes	Boolean, designates return of data from vendor specific APIs configured at Connectbase account level.
smartResultsPerSupplier	No	Note: This field is not currently in use.
speedParameterDownload	No	10, 50, 100 greaterThan: 10 lessThan: 100
speedParameterUpload	No	10, 50, 100 greaterThan: 10 lessThan: 100
selection	N/A	Object header
desiredSpeed	No	10, 50, 100 greaterThan: 10 lessThan: 100
desiredUploadSpeed	No	10, 50, 100 greaterThan: 10 lessThan: 100

Request Body Attributes	Mandatory	Values/Requirements
desiredTerm	No	Length of Term: <ul style="list-style-type: none"> • 12 • 24 • 36 • 48 • 60 • MTM
pricingCriteria	No	OnNet, Off Net, etc.
required	No	<p>True/False.</p> <p>If true the response will include everything that was configured as part of the solution, i.e., only return those results where all configured/selected conditions are met.</p> <p>If false, return results that meet any of the configured conditions.</p> <p>Example:</p> <p>When required is true, solutions will be returned from only those suppliers that provide the product. This field is applicable in cases where there is more than one product selected. For example, if you configure two cards, one for Broadband and one for Static IP and check the “Required” field for both products, the solutions provided are returned only for those suppliers who support BOTH products. If false, the response would be an either/or scenario.</p>
locations	N/A	Object wrapper
address	Yes	The full address for the location(s). Street name, city, state, zip, country.

Request Body Attributes	Mandatory	Values/Requirements
customerLocationId	No	Customer supplied location Id.
siteCategory	No	OnNet, OffNet
siteName	No	Customer supplied site name
siteId	No	Customer supplied site Id.
providerInclude	No	Enables you to identify specific providers to be included in the response.
providerExclude	No	Enables you to identify specific providers to be excluded from the response.
callbackUrl	No	The URL that will be used to call back the results.

POST Create pricing
Request body
<pre>{ "quoteName": "Post create pricing test", "customerQuoteId": "M234567", "quoteType": "new", "quoteNotes": "insert notes on quote", "config": { "productCriteria": [{ "product": "Broadband", "mediaTypes": ["Fiber"], "channel": "Default", "channels": [</pre>

```
        "Default"
    ],
    "pricingAccountName": "AT&T",
    "term": [
        "MTM",
        12,
        24,
        36,
        48,
        60
    ],
    "includeOffnet": false,
    "smartResultsPerSupplier": 1,
    "speedParameterDownload": {
        "equal": [
            10,
            50,
            100
        ],
        "greaterThan": 10,
        "lessThan": 100
    },
    "speedParameterUpload": {
        "equal": [
            10,
            50,
            100
        ]
    }
}
```

```

        ],
        "greaterThan": 10,
        "lessThan": 100
    },
    "selection": {
        "desiredSpeed": 90,
        "desiredUploadSpeed": 10,
        "desiredTerm": "MTM",
        "pricingCriteria": "OnNet",
        "required": true
    }
},
{
    "product": "Dedicated internet",
    "mediaTypes": [
        "Fiber"
    ],
    "channels": [
        "Default", "Wholesale"
    ],
    "term": [
        "MTM",
        12,
        24,
        36,
        48,
        60
    ]
}

```

```

    ],
    "includeOffnet": true,
    "smartResultsPerSupplier": 1,
    "speedParameterDownload": {
        "equal": [
            1,
            5,
            10
        ],
        "greaterThan": 1,
        "lessThan": 10
    },
    "selection": {
        "desiredSpeed": 90,
        "desiredUploadSpeed": 10,
        "desiredTerm": 12,
        "pricingCriteria": "OnNet",
        "required": true
    }
}

]
},
"locations": [
    {
        "address": "1961 Chain Bridge Rd, McLean,VA,20102,USA",
        "customerLocationId": "Myinternalid123",

```

```

        "siteCategory": "OffNet",
        "siteName": "value",
        "siteId": "value"
    }
],
"providerInclude": [
    "COMPANY NAME",
    "COMPANY NAME"
],
"providerExclude": [
    COMPANY NAME"
],
"callbackUrl": "http://example.com"
}

```

POST Create pricing

Success Response Example (without callback URL)

```

{
  "status": "success",
  "data": {
    "customerQuoteId": "M234567",
    "quoteId": 15694,
    "configIds": [16534, 16535]
  }
}

```

POST Create pricing

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
customerQuoteId	Comcast sales quote Id or service Id	string
quoteId	Connectbase system generated Id	string
configIds	A unique ID associated with this configuration.	int

POST Create pricing
Success Response Example (using callback URL)
<pre> x-forwarded-proto: "xxxxxxx" host: "da830d0b-296d-44cb-b09e-92b106496327.mock.pstmn.io" x-real-ip: "xxxxxxx" x-forwarded-for: "xxxxxxx" x-request-start: "t=1629985574.527" content-length: "20388" x-forwarded-port: "xxxxxxx" x-amzn-trace-id: "Root=1-61279b26-112f582571a97d274dd79831" accept: "application/json, text/plain, */*" content-type: "application/json; charset=utf-8" user-agent: "axios/0.19.2" authorization: "Basic b3Jpb25jaWNkdXNyURxVjRqMkAhWls=" REQUEST BODY {status: "success", pagination: {...}, data: {...}} status: "success" </pre>

```
pagination: {...}
page: 1
pageSize: 100
totalPages: 1
data: {...}
totalLocations: 1
totalLocationSolutions: 1
pricingStatus: {...}
quoteId: 95526
customerQuoteId: "M234567"
projectId: "alphanumeric project id"
prices: [1]
0: {...}
id: 31031077
priceState: "Priced"
term: "12"
locationId: 4870418
customerLocationId: "Myinternalid123"
note: ""
provider: "BLUE OCEAN"
mrc: 22
nrc: 0
address: "53 Sumner St"
city: "Milford"
state: "MA"
zip: "01757"
```

```
latitude: "42.153816"
longitude: "-71.519359"
uniqueKey: "BCT1-705-2cdfb153"
globalLocationId: "US87JC5F3J+G7CBS00"
countryCode: "USA"
siteName: "value"
siteId: "value"
siteCategory: "OffNet"
product: "Dedicated Internet"
speed: "ETHERNET 10M"
uploadSpeed: 10
downloadSpeed: 10
mediaType: "Fiber"
netStatus: "Connected"
bldgStatus: "OnNet"
status: "Company - 12 month Catalog Pricing configured for address - no
geography"
currency: "USD"
currencyName: "Dollar"
notes: "Red"
progress: 100
transactionStatus: "Completed"
message: "Solutions Found"
```

Error Response Example

```
{
  "status": "fail",
```

```
"message": "Company {companyId} does not exist or user does not have  
access to it"  
}
```

PUT Set selected by criteria

Requirements and Special Considerations
Quote Id and Company Id are required parameters. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteId}/selections/by-criteria?companyId={companyId}&page[&pageSize]

Request parameters	Characteristic	Description/Requirements
quoteId (required)	string	Connectbase system generated Id.
companyId (required)	string	The authorized numeric Connectbase company instance identifier.
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.

Request Body Attributes	Mandatory	Values/Requirements
products	N/A	object wrapper
product	Yes	The product name. Refer to Appendix A for a list of available products in the product catalog.
selection	N/A	object wrapper
desiredSpeed	No	Numeric speed value.
pricingCriteria	Yes	OnNet, NearNet
required	No	true, false

PUT Set selected by criteria
Request body
<pre>{ "products": [{ "product": "Broadband", "selection": { "desiredSpeed": 10, "pricingCriteria": "OnNet", "required": false } }] }</pre>

PUT Set selected by criteria
Success Response Example
<pre>{ "status": "success", "pagination": { "page": 1, "pageSize": 100, "totalPages": 1 }, "data": { "pricingStatus": { "quoteId": 12039, "customerQuoteId": "M234567-55932", "projectId": "alphanumeric project id", </pre>

```
"prices": [  
  {  
    "customField": {  
      "customFieldName": "value"  
    },  
    "id": 19111774,  
    "priceState": "Selected",  
    "term": "12",  
    "locationId": 2039483,  
    "customerLocationId": "Myinternalid123",  
    "note": "",  
    "nniLocation": null,  
    "provider": " COMPANY NAME ",  
    "mrc": 84.96,  
    "nrc": 99.95,  
    "address": "6317 Creel Rd",  
    "city": "Theodore",  
    "state": "AL",  
    "zip": "36582",  
    "latitude": "30.560068",  
    "longitude": "-88.225264",  
    "uniqueKey": "AA79-1060-181274593",  
    "globalLocationId": "",  
    "countryCode": "USA",  
    "siteName": null,  
    "siteId": null,  
  },  
]
```

```
        "product": "Broadband",
        "speed": "10/1",
        "uploadSpeed": 1,
        "downloadSpeed": 10,
        "mediaType": "Coax/HFC",
        "netStatus": "Connected",
        "bldgStatus": "OnNet",
        "interval": 120,
        "pricingCriteria": "OnNet",
        "status": "Pricing generated from Mediacom-206 API",
        "specialConstruction": null,
        "scContribution": null,
        "pricingCode": null,
        "scNet": null,
        "currency": "USD",
        "notes": "Red"
    }
],
    "progress": 100,
    "transactionStatus": "Completed",
    "message": "Solutions Found"
}
}
```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
pricingStatus	object wrapper	object
quoteld	Connectbase system generated Id	string
customerQuoteld	Comcast sales quote Id or service Id	string
projectId	Alphanumeric project Id.	string
prices	An array wrapper containing pricing objects	object array
customField	Custom field as defined/requested by the customer.	string
customFieldName	Custom field name as defined/requested by the customer.	string
id	The unique identifier for the solution id in the pricing response.	int
priceState	The current process state of the solution element. Valid states are: Priced, Selected, Quoted, Sent, Ordered, Canceled, and Completed.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
LocationId	A numeric representation of a unique location.	int
customerLocationId	Customer-provided alphanumeric ID of a location.	string
note	Customer provided information that is stored with the quote.	string
nniLocation	An address of the network-to-network interface for the provider.	string
provider	The name of the service supplier.	string
mrc	Monthly recurring cost	float
nrc	Non-recurring cost	float
address	The address of the quoted location.	string
city	The city of the quoted location.	string
state	The state of the quoted location.	string
zip	The zip code of the quoted location.	string
latitude	<p>The angular distance of a place north or south of the earth's equator, or of a celestial object north or south of the celestial equator, usually expressed in degrees and minutes.</p> <p>-90 to +90</p> <p>Default coordinate system is WGS1984.</p>	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
longitude	The angular distance of a place east or west of the meridian at Greenwich, England, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes. - 180 to +180 Default coordinate system is WGS1984.	string
uniqueKey	The unique building ID as indicated in the Connectbase platform.	string
globalLocationId	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string
countryCode	Indicates the country in which the building resides in ISO-3 format, such as USA.	string
siteName	Customer provided site name	string
siteId	An optional customer defined site id that, when provided, is uploaded as part of the deal, reflected back, and associated with the priced solutions.	string
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
speed	The requested speed as indicated in the Create Quote process.	string
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
mediaType	<p>The medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless - Satellite • Other 	string
netStatus	<p>A metric to identify the build status of a carrier's network in a building.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	string
bldgStatus	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect 	string
interval	The timeframe for installation that is quoted by the provider to the customer.	int
pricingCriteria	object wrapper	object

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates the source of data. For example, "Pricing generated from Spectrum Charter SMB API",	string
specialConstruction	Used to identify any special construction costs needed to bring a Near Net building OnNet.	float
scContribution	Providers contribution to Special Construction costs	float
pricingCode	Maps to a custom pricing attribute supplied by the customer.	string
scNet	Net Special Construction costs	float
currency	The code associated with a specific currency type, such as USD for United States Dollar	string
notes	Associated with the solution id. Generic or system generated notes associated with the solution.	string
progress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int
transactionStatus	<p>Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as "Completed with Errors".</i></p>	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
message	Indicates if solution was found/not found	string

PUT Set selected by criteria
Error Response Example
<pre>{ "status": "fail", "message": "User Authentication API error during token generation" }</pre>

PUT Set selection by price ids

Requirements and Special Considerations
Quote Id and Company Id are required request parameters. https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteld}/selections/by-prices?companyId={companyId}&page[&pageSize]

Request parameters	Characteristic	Description/Requirements
quoteld (required)	string	Connectbase system generated Id.
companyId (required)	string	The authorized numeric Connectbase company instance identifier.
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.

Request Body Attributes	Mandatory	Values/Requirements
priceIds	Yes	Ids generated by the Get Prices API.

PUT Set selected by price ids
Request body
<pre>{ "priceIds": [19111775] }</pre>

PUT Set selected by price ids
Success Response Example
<pre>{ "status": "success", "pagination": { "page": 1, "pageSize": 100, "totalPages": 1 }, "data": { "pricingStatus": { "quoteId": 12039, "customerQuoteId": "M234567-55932", "projectId": "alphanumeric project id", "prices": [{ "customField": { "customFieldName": "value" } }] } } }</pre>

```
"id": 19111775,  
  "priceState": "Selected",  
  "term": "12",  
  "locationId": 2039483,  
  "customerLocationId": "Myinternalid123",  
  "note": "",  
  "nniLocation": null,  
  "provider": " COMPANY NAME ",  
  "mrc": 195.46,  
  "nrc": 99.95,  
  "address": "6317 Creel Rd",  
  "city": "Theodore",  
  "state": "AL",  
  "zip": "36582",  
  "latitude": "30.560068",  
  "longitude": "-88.225264",  
  "uniqueKey": "AA79-1060-181274593",  
  "globalLocationId": "",  
  "countryCode": "USA",  
  "siteName": null,  
  "siteId": null,  
  "product": "Broadband",  
  "speed": "100/10",  
  "uploadSpeed": 10,  
  "downloadSpeed": 100,  
  "mediaType": "Coax/HFC",
```

```

        "netStatus": "Connected",
        "bldgStatus": "OnNet",
        "interval": 120,
        "pricingCriteria": "OnNet",
        "status": "Pricing generated from Mediacom-206 API",
        "specialConstruction": null,
        "scContribution": null,
        "pricingCode": null,
        "scNet": null,
        "currency": "USD",
        "notes": "Red"
    }
],
"progress": 100,
"transactionStatus": "Completed",
"message": "Solutions Found"
}
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
pricingStatus	object wrapper	object
quoteld	Connectbase system generated Id	string
customerQuoteld	Comcast sales quote Id or service Id	string
projectId	Alphanumeric project Id.	string
prices	An array wrapper containing pricing objects	object array
customField	Custom field as defined/requested by the customer.	string
customFieldName	Custom field name as defined/requested by the customer.	string
id	The unique identifier for the solution id in the pricing response.	int
priceState	The current process state of the solution element. Valid states are: Priced, Selected, Quoted, Sent, Ordered, Canceled, and Completed.	string
LocationId	A numeric representation of a unique location.	int
customerLocationId	Customer-provided alphanumeric ID of a location.	string
note	Customer provided information that is stored with the quote.	string
nniLocation	An address of the network-to-network interface for the provider.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
provider	The name of the service supplier.	string
mrc	Monthly recurring cost	float
nrc	Non-recurring cost	float
address	The address of the quoted location.	string
city	The city of the quoted location.	string
state	The state of the quoted location.	string
zip	The zip code of the quoted location.	string
latitude	<p>The angular distance of a place north or south of the earth's equator, or of a celestial object north or south of the celestial equator, usually expressed in degrees and minutes.</p> <p>-90 to +90</p> <p>Default coordinate system is WGS1984.</p>	string
longitude	<p>The angular distance of a place east or west of the meridian at Greenwich, England, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes. - 180 to +180</p> <p>Default coordinate system is WGS1984.</p>	string
uniqueKey	The unique building ID as indicated in the Connectbase platform.	string
globalLocationId	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string
countryCode	Indicates the country in which the building resides in ISO-3 format, such as USA.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
siteld	An optional customer defined site id that, when provided, is uploaded as part of the deal, reflected back, and associated with the priced solutions.	string
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
speed	The requested speed as indicated in the Create Quote process.	string
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float
mediaType	<p>The medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other 	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
netStatus	<p>A metric to identify the build status of a carrier's network in a building.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	string
bldgStatus	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net-Limited Access • OnNet • Prospect 	string
interval	The timeframe for installation that is quoted by the provider to the customer.	int
pricingCriteria	object wrapper	object
status	Indicates the source of data. For example, "Pricing generated from Spectrum Charter SMB API",	string
specialConstruction	Used to identify any special construction costs needed to bring a Near Net building OnNet.	float
scContribution	Providers contribution to Special Construction costs	float
pricingCode	Maps to a custom pricing attribute supplied by the customer.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
scNet	Net Special Construction costs	float
currency	The code associated with a specific currency type, such as USD for United States Dollar	string
notes	Associated with the solution id. Generic or system generated notes associated with the solution.	string
progress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int
transactionStatus	<p>Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i></p>	string
message	Indicates if solution was found/not found	string

PUT Set selected by price ids
Error Response Example
<pre>{ "status": "fail", "message": "'body.priceIds' must be an array"</pre>

```
}
```

GET Suggest company name

Requirements and Special Considerations

Relates to adding accounts. Suggestions return a list of like terms to input that can be used as company names when creating an account.

Request URL

[https://api.connected2fiber.com/advanced-cpq/v2/companies/verify\[?companyName\]](https://api.connected2fiber.com/advanced-cpq/v2/companies/verify[?companyName])

Request parameters	Characteristic	Description/Requirements
companyName	string	String name of company

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.

GET Suggest company name

Success Response Example

```
{
  "status": "success",
  "data": {
    "companies": ["Blue Ocean", "Blue Ocean (Ny) Trading Inc", "Blue Ocean Ads Llc", "Blue Ocean Advisory Partners Llc"]
  }
}
```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
data	object wrapper	object
companies	array wrapper	array

GET Suggest company name
Error Response Example
<pre>{ "status": "fail", "message": "'query.companyName' is required" }</pre>

PATCH Update account

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
companyId	int	Your company id.

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.

Request Body Attributes	Mandatory	Values/Requirements
company_name	Yes	String representing name of company that will hold deals.
hq_address	Yes	String address of company headquarters.
domain	Yes	String URL of company.
phone_number	Yes	String phone number of the company.
contact_name	Yes	String name of contact at company.

PATCH Update account
Request body
<pre>{ "company_name": "Connectbase", "hq_address": "53B Sumner St, Milford, MA, 01757 ", "domain": "https://www.connectbase.com", "phone_number": "15082021807", "contact_name": "Customer Success" }</pre>

PATCH Update account
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

PATCH Update account
Error Response Example
<pre>{ "status": "fail", "message": "\"body\" must contain at least one of [hq_address, domain, phone_number, contact_name, rfx_id, news, custom_field]" }</pre>

PATCH Update deal name

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}[?companyId]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
companyId	int	Your company id.

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.

Request Body Attributes	Mandatory	Values/Requirements
deal_name	Yes	String name of deal.

PATCH Update deal name
Request body
<pre>{ "deal_name": "my deal name" }</pre>

PATCH Update deal name
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

PATCH Update deal name
Error Response Example
<pre>{ "status": "fail", "message": "'body' must contain at least one of [deal_name, custom_field]" }</pre>

PUT update price state

Gets the prices of the previous state and moves to the requested state.

Requirements and Special Considerations

Quote Id and Company ID are required request parameters. <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

Request URL

[https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteId}/prices/state?companyId={companyId}&page\[&pageSize\]](https://api.connected2fiber.com/advanced-cpq/v2/quotes/{quoteId}/prices/state?companyId={companyId}&page[&pageSize])

Request parameters	Characteristic	Description/Requirements
quoteId (required)	string	Connectbase system generated Id.
companyId (required)	string	The authorized numeric Connectbase company instance identifier.
page (optional)	string	1, by default.
pageSize (optional)	string	100, by default. Maximum of 500 records per page.

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.

Request Body Attributes	Mandatory	Values/Requirements
value	Yes	Priced, Quoted, Sent, Completed, or Canceled

PUT Update price state
Request body
<pre>{ value - string, required, possible value: Priced, Quoted, Sent, Completed, Canceled }</pre>

PUT Update price state
Success Response Example
<pre>{ "status": "success", "pagination": { "page": 1, "pageSize": 100, "totalPages": 1 }, "data": { "pricingStatus": { "quoteId": 12045, "customerQuoteId": "M234567-46373", "projectId": "alphanumeric project id", "prices": [{ "customField": { "customFieldName": "value" }, "id": 19111829, "priceState": "Quoted", </pre>

```
"term": "12",
"locationId": 2039483,
"customerLocationId": "Myinternalid123",
"note": "",
"nniLocation": null,
"provider": "COMPANY NAME",
"mrc": 84.96,
"nrc": 99.95,
"address": "6317 Creel Rd",
"city": "Theodore",
"state": "AL",
"zip": "36582",
"latitude": "30.560068",
"longitude": "-88.225264",
"uniqueKey": "AA79-1060-181274593",
"globalLocationId": "",
"countryCode": "USA",
"siteName": null,
"siteId": null,
"product": "Broadband",
"speed": "10/1",
"uploadSpeed": 1,
"downloadSpeed": 10,
"mediaType": "Coax/HFC",
"netStatus": "Connected",
"bldgStatus": "OnNet",
```

```

        "interval": 120,
        "pricingCriteria": "OnNet",
        "status": "Pricing generated from Mediacom-206 API",
        "specialConstruction": null,
        "scContribution": null,
        "pricingCode": null,
        "scNet": null,
        "currency": "USD",
        "notes": "Red"
    }],
    "progress": 100,
    "transactionStatus": "Completed",
    "message": "Solutions Found"
}
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string
pagination	object wrapper	object
page	Indicates the page number in the response.	int
pageSize	Indicates the number of records in the result. Default is 100, max is 500.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
totalPages	Indicates the total number of pages in the result set.	int
data	object wrapper	object
pricingStatus	object wrapper	object
quoteId	Connectbase system generated Id	string
customerQuoteId	Comcast sales quote Id or service Id	string
projectId	Alphanumeric project Id.	string
prices	An array wrapper containing pricing objects	object array
customField	Custom field as defined/requested by the customer.	string
customFieldName	Custom field name as defined/requested by the customer.	string
id	The unique identifier for the solution id in the pricing response.	int
priceState	The current process state of the solution element. Valid states are: Priced, Selected, Quoted, Sent, Ordered, Canceled, and Completed.	string
LocationId	A numeric representation of a unique location.	int
customerLocationId	Customer-provided alphanumeric ID of a location.	string
note	Customer provided information that is stored with the quote.	string
nniLocation	An address of the network-to-network interface for the provider.	string
provider	The name of the service supplier.	string
mrc	Monthly recurring cost	float

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
nrc	Non-recurring cost	float
address	The address of the quoted location.	string
city	The city of the quoted location.	string
state	The state of the quoted location.	string
zip	The zip code of the quoted location.	string
latitude	<p>The angular distance of a place north or south of the earth's equator, or of a celestial object north or south of the celestial equator, usually expressed in degrees and minutes.</p> <p>-90 to +90</p> <p>Default coordinate system is WGS1984.</p>	string
longitude	<p>The angular distance of a place east or west of the meridian at Greenwich, England, or west of the standard meridian of a celestial object, usually expressed in degrees and minutes. - 180 to +180</p> <p>Default coordinate system is WGS1984.</p>	string
uniqueKey	The unique building ID as indicated in the Connectbase platform.	string
globalLocationId	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string
countryCode	Indicates the country in which the building resides in ISO-3 format, such as USA.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
siteId	An optional customer defined site id that, when provided, is uploaded as part of the deal, reflected back, and associated with the priced solutions.	string
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
speed	The requested speed as indicated in the Create Quote process.	string
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float
mediaType	<p>The medium used for connectivity to the building or specified location.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless - Satellite • Other 	string
globalLocationId	Connectbase’s proprietary ID system that provides a unique identification code for every location within the seven continents.	string
netStatus	<p>A metric to identify the build status of a carrier’s network in a building.</p> <p>Range of valid values:</p>	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
	<ul style="list-style-type: none"> • Connected • In Progress • Not Connected • Planned • Prospect 	
bldgStatus	<p>A metric used to identify the connectivity status of fiber-connected buildings.</p> <p>Range of valid values:</p> <ul style="list-style-type: none"> • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect 	string
interval	The timeframe for installation that is quoted by the provider to the customer.	int
pricingCriteria	object wrapper	object
status	Indicates the source of data. For example, "Pricing generated from Spectrum Charter SMB API",	string
specialConstruction	Used to identify any special construction costs needed to bring a Near Net building OnNet.	float
scContribution	Providers contribution to Special Construction costs	float
pricingCode	Maps to a custom pricing attribute supplied by the customer.	string
scNet	Net Special Construction costs	float

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
currency	The code associated with a specific currency type, such as USD for United States Dollar	string
notes	Associated with the solution id. Generic or system generated notes associated with the solution.	string
progress	A numeric value ranging between 0 – 100, indicating the completeness of the data collection.	int
transactionStatus	<p>Indicates the status of the transaction. In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i></p>	string
message	Indicates if solution was found/not found	string

PUT Update price state
Error Response Example
<pre>{ "status": "fail", "message": "Unable to find company: 10602345" }</pre>

PUT Update quote

Requirements and Special Considerations
N/A https://api.connected2fiber.com/address-autocomplete/%7baddress%7d

Request URL
https://api.connected2fiber.com/advanced-cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/{quote_id}[?companyid]

Request parameters	Characteristic	Description/Requirements
account_id	int	The unique id associated with the account related to the deal.
deal_id	int	The unique id for the deal for which locations are being added.
quoteId	int	System generated quote id.
companyId	int	Your company id.

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.

PUT Update quote
Success Response Example
<pre>{ "status": "success" }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. <ul style="list-style-type: none"> • Success • Failed 	string

PUT Update quote
Error Response Example
<pre>{ "status": "fail", "message": "Unable to find provided custom fields" }</pre>

Appendix A – Products and Speeds

Product	Speeds
SONET/TDM	["OC3C", "OC12C", "OC48C", "OC192C", "OC48", "DS3", "OC3", "OC12", "OC192", "E1", "DS1", "OC1", "DS0"]
Wavelengths	["Wavelength 1Gig", "Wavelength 10Gig", "Wavelength 40Gig", "Wavelength 100Gig", "Wavelength 2.5Gig", "Wavelength 40 Gig - Protected", "Wavelength 100 Gig - Protected", "Wavelength 40 Gig - Unprotected", "Wavelength 100 Gig - Unprotected", "1G Wave 4", "10G Wave 4", "40G Wave 4", "100G Wave 4", "2.5G Wave 4", "1G Wave 2", "10G Wave 2", "40G Wave 2", "100G Wave 2", "2.5G Wave 2"]
Dark Fiber	["Dark Fiber Pair IRU", "Dark Fiber Pair Lease"]
MPLS	["64 Kbps", "128 Kbps", "256 Kbps", "512 Kbps", "768 Kbps", "ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 11M", "ETHERNET 12M", "ETHERNET 13M", "ETHERNET 14M", "ETHERNET 15M", "ETHERNET 16M", "ETHERNET 17M", "ETHERNET 18M", "ETHERNET 19M", "ETHERNET 20M", "ETHERNET 22M", "ETHERNET 24M", "ETHERNET 25M", "ETHERNET 26M", "ETHERNET 28M", "ETHERNET 30M", "ETHERNET 35M", "ETHERNET 40M", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 54M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 75M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 1.5M", "ETHERNET 100M", "ETHERNET 110M", "ETHERNET 120M", "ETHERNET 125M", "ETHERNET 130M", "ETHERNET 140M", "ETHERNET 150M", "ETHERNET 155M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 350M", "ETHERNET 4.5M", "ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 600M", "ETHERNET 7.5M", "ETHERNET 700M", "ETHERNET 800M", "ETHERNET 900M", "ETHERNET 1000M", "ETHERNET 0.512M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 25G", "ETHERNET 40G", "DS1", "3.0 NxDS1", "4.5 NxDS1", "6.0 NxDS1", "7.5 NxDS1", "9.0 NxDS1"]
Dedicated Internet	["128 Kbps", "256 Kbps", "512 Kbps", "768 Kbps", "ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M",

Product	Speeds
	<p> “ETHERNET 4M”, “ETHERNET 5M”, “ETHERNET 6M”, “ETHERNET 7M”, “ETHERNET 8M”, “ETHERNET 9M”, “ETHERNET 10M”, “ETHERNET 11M”, “ETHERNET 12M”, “ETHERNET 13M”, “ETHERNET 14M”, “ETHERNET 15M”, “ETHERNET 16M”, “ETHERNET 17M”, “ETHERNET 18M”, “ETHERNET 19M”, “ETHERNET 20M”, “ETHERNET 21M”, “ETHERNET 22M”, “ETHERNET 23M”, “ETHERNET 24M”, “ETHERNET 25M”, “ETHERNET 26M”, “ETHERNET 27M”, “ETHERNET 28M”, “ETHERNET 29M”, “ETHERNET 30M”, “ETHERNET 31M”, “ETHERNET 32M”, “ETHERNET 33M”, “ETHERNET 34M”, “ETHERNET 35M”, “ETHERNET 36M”, “ETHERNET 37M”, “ETHERNET 38M”, “ETHERNET 39M”, “ETHERNET 40M”, “ETHERNET 41M”, “ETHERNET 42M”, “ETHERNET 43M”, “ETHERNET 44M”, “ETHERNET 45M”, “ETHERNET 46M”, “ETHERNET 47M”, “ETHERNET 48M”, “ETHERNET 49M”, “ETHERNET 50M”, “ETHERNET 55M”, “ETHERNET 60M”, “ETHERNET 65M”, “ETHERNET 70M”, “ETHERNET 75M”, “ETHERNET 80M”, “ETHERNET 85M”, “ETHERNET 90M”, “ETHERNET 95M”, “ETHERNET 1.5M”, “ETHERNET 100M”, “ETHERNET 110M”, “ETHERNET 120M”, “ETHERNET 125M”, “ETHERNET 130M”, “ETHERNET 140M”, “ETHERNET 144M”, “ETHERNET 150M”, “ETHERNET 155M”, “ETHERNET 160M”, “ETHERNET 175M”, “ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”, “ETHERNET 300M”, “ETHERNET 350M”, “ETHERNET 360M”, “ETHERNET 4.5M”, “ETHERNET 400M”, “ETHERNET 450M”, “ETHERNET 500M”, “ETHERNET 550M”, “ETHERNET 600M”, “ETHERNET 622M”, “ETHERNET 650M”, “ETHERNET 7.5M”, “ETHERNET 700M”, “ETHERNET 750M”, “ETHERNET 800M”, “ETHERNET 850M”, “ETHERNET 900M”, “ETHERNET 950M”, “ETHERNET 1000M”, “ETHERNET 0.256M”, “ETHERNET 0.512M”, “ETHERNET 1G”, “ETHERNET 2G”, “ETHERNET 3G”, “ETHERNET 4G”, “ETHERNET 5G”, “ETHERNET 6G”, “ETHERNET 7G”, “ETHERNET 8G”, “ETHERNET 9G”, “ETHERNET 10G”, “ETHERNET 20G”, “ETHERNET 25G”, “ETHERNET 30G”, “ETHERNET 40G”, “ETHERNET 50G”, “ETHERNET 60G”, “ETHERNET 70G”, “ETHERNET 80G”, “ETHERNET 90G”, “ETHERNET 1.5G”, “ETHERNET 100G”, “ETHERNET 150G”, “ETHERNET 2.5G”, “ETHERNET 200G”, “ETHERNET 250G”, “ETHERNET 3.5G”, “ETHERNET 300G”, “ETHERNET 4.5G”, “ETHERNET 400G”, “ETHERNET 5.5G”, “ETHERNET 500G”, “ETHERNET 6.5G”, “ETHERNET 7.5G”, “ETHERNET 8.5G”, “ETHERNET 9.5G”, “DS1”, “12 NxDS1”, “3.0 NxDS1”, “4.5 NxDS1”, “6.0 NxDS1”, “7.5 NxDS1”, “9.0 NxDS1”, “10.5 NxDS1”] </p>

Product	Speeds
Broadband	["2.5Gps", "1G/1G", "1G/2G", "2G/1G", "2G/2G", "3G/3G", "4G/4G", "5G/5G", "6G/6G", "7G/7G", "8G/8G", "9G/9G", "11G/1G", "12/40G", "12/60G", "10G/10G", "12/100G", "20G/10G", "10G/2.5G", "1.5G/1.5G", "100G/100G", "2.5G/2.5G", "1/9", "6/9", "9/9", "20/9", "36/9", "90/9", "19/19", "59/59", "76/19", "78/19", "89/89", "152/29", "200/299", "259/259", "149.9/74.9", "1/8", "2/8", "3/8", "4/8", "8/8", "10/8", "12/8", "15/8", "16/8", "18/8", "20/8", "24/8", "25/8", "30/8", "40/8", "50/8", "75/8", "80/8", "100/8", "120/8", "125/8", "150/8", "18/18", "3/0.8", "32/18", "38/38", "48/48", "58/58", "6/0.8", "68/68", "120/18", "16/0.8", "172/18", "314/48", "1/0.128", "1/0.768", "138/138", "2/0.768", "3/0.768", "4/0.768", "5/0.768", "6/0.768", "640/128", "7/0.768", "10/0.768", "12/0.768", "20/0.768", "1.4/0.768", "1.5/0.128", "1.5/0.768", "7.1/0.768", "0.128/0.128", "0.512/0.128", "0.768/0.128", "0.768/0.768", "1/7", "2/7", "3/7", "5/7", "7/7", "10/7", "14/7", "15/7", "16/7", "20/7", "22/7", "25/7", "30/7", "35/7", "40/7", "50/7", "60/7", "70/7", "75/7", "80/7", "100/7", "115/7", "150/7", "17/17", "27/27", "350/7", "37/37", "66/17", "67/17", "75/37", "87/87", "145/27", "600/27", "207/207", "1/6", "2/6", "3/6", "6/6", "8/6", "10/6", "12/6", "15/6", "20/6", "25/6", "30/6", "35/6", "45/6", "50/6", "60/6", "70/6", "75/6", "80/6", "100/6", "105/6", "16/16", "2/0.6", "2/256", "3/756", "300/6", "36/36", "46/46", "5/786", "59/16", "66/66", "7/0.6", "7/896", "76/76", "12/1.6", "12/896", "15/896", "160/16", "20/6.6", "20/896", "200/16", "220/26", "500/16", "600/16", "0.6/0.6", "1/0.256", "166/166", "2/0.256", "4/0.256", "5/0.896", "6.5/1.6", "7/0.896", "768/256", "10/0.896", "12/0.896", "20/0.896", "1.5/0.256", "1.5/0.896", "0.256/0.256", "0.768/0.256", "1/5", "2/5", "3/5", "4/5", "5/5", "7/5", "10/5", "12/5", "13/5", "14/5", "15/5", "16/5", "18/5", "20/5", "22/5", "24/5", "25/5", "3/15", "30/5", "34/5", "35/5", "36/5", "40/5", "5/25", "50/5", "55/5", "59/5", "60/5", "65/5", "70/5", "75/5", "80/5", "90/5", "100/5", "125/5", "15/15", "15/25", "150/5", "1G/25", "1G/35", "2/1.5", "20/15", "200/5", "25/15", "25/25", "250/5", "2G/75", "3/0.5", "3/1.5", "30/15", "300/5", "35/15", "35/25", "35/35", "4/1.5", "40/15", "400/5", "45/45", "5/1.5", "5/2.5", "50/15", "50/25", "50/75", "55/15", "55/55", "6/0.5", "6/1.5", "60/15", "60/25", "65/15", "65/65", "7/1.5", "7/2.5", "70/15", "70/25", "75/15", "75/25", "75/35", "75/75", "8/2.5", "80/15", "80/25", "85/85", "9/1.5", "90/45", "94/15", "10/1.5", "10/2.5", "100/15", "100/25", "100/35", "100/55", "101/35", "110/15", "115/15", "12/1.5", "12/3.5", "120/15",

Product	Speeds
	<p> “120/25”, “125/15”, “125/25”, “140/75”, “15/1.5”, “15/2.5”, “15/3.5”, “15/6.5”, “150/15”, “150/25”, “150/35”, “150/75”, “15G/15”, “175/15”, “175/25”, “18/1.5”, “1G/115”, “20/1.5”, “20/2.5”, “20/6.5”, “200/15”, “200/25”, “200/35”, “200/75”, “225/25”, “240/15”, “25/1.5”, “25/2.5”, “25/6.5”, “250/15”, “250/25”, “250/35”, “250/75”, “275/25”, “30/1.5”, “300/15”, “300/25”, “300/35”, “300/65”, “300/75”, “325/45”, “330/15”, “350/15”, “350/25”, “350/35”, “39/9.5”, “400/25”, “450/25”, “50/2.5”, “50/6.5”, “500/15”, “500/25”, “500/35”, “500/75”, “550/55”, “550/75”, “6/1.35”, “60/6.5”, “600/35”, “70/6.5”, “75/1.5”, “75/7.5”, “750/35”, “750/75”, “80/6.5”, “90/6.5”, “940/35”, “1.5/0.5”, “1.5/1.5”, “10/0.75”, “100/125”, “1000/35”, “120/6.5”, “125/125”, “145/145”, “16/0.75”, “175/175”, “2.5/2.5”, “250/125”, “275/275”, “3.5/1.5”, “30/1.25”, “300/125”, “350/175”, “4.5/4.5”, “500/125”, “500/165”, “600/125”, “7.5/7.5”, “750/125”, “0.5/0.25”, “1000/115”, “1000/125”, “125/12.5”, “22.5/22.5”, “37.5/37.5”, “2/4”, “4/4”, “8/4”, “9/4”, “10/4”, “12/4”, “14/4”, “15/4”, “16/4”, “20/4”, “24/4”, “25/4”, “30/4”, “35/4”, “40/4”, “45/4”, “50/4”, “60/4”, “75/4”, “80/4”, “90/4”, “100/4”, “14/14”, “180/4”, “24/24”, “18/2.4”, “2/0.64”, “3/0.384”, “3/0.64”, “384/64”, “7/0.64”, “1/0.384”, “2/0.064”, “2/0.384”, “3/0.384”, “5/0.384”, “10.9/5.4”, “0.8/0.384”, “1.5/0.384”, “768/0.384”, “0.256/0.064”, “0.384/0.384”, “0.768/0.384”, “1/3”, “2/3”, “3/3”, “5/3”, “6/3”, “7/3”, “8/3”, “10/3”, “12/3”, “14/3”, “15/3”, “16/3”, “18/3”, “19/3”, “20/3”, “24/3”, “25/3”, “30/3”, “35/3”, “40/3”, “45/3”, “50/3”, “60/3”, “70/3”, “90/3”, “100/3”, “150/3”, “23/23”, “25/13”, “3/513”, “33/33”, “63/63”, “10/3.3”, “20/1.3”, “25/1.3”, “25/8.3”, “1.5/0.513”, “0.153/0.153”, “1/2”, “2/2”, “3/2”, “4/2”, “5/2”, “6/2”, “7/2”, “8/2”, “9/2”, “1/12”, “10/2”, “12/2”, “15/2”, “16/2”, “18/2”, “20/2”, “24/2”, “25/2”, “3/12”, “30/2”, “35/2”, “39/2”, “40/2”, “5/12”, “50/2”, “52/2”, “80/2”, “100/2”, “12/12”, “22/22”, “25/12”, “3/912”, “30/12”, “32/32”, “50/12”, “52/52”, “6/912”, “92/32”, “100/12”, “120/12”, “140/12”, “150/12”, “17/1.2”, “20/2.2”, “24/1.2”, “240/22”, “1/0.192”, “1/0.512”, “102/102”, “2/0.512”, “262/262”, “3/0.512”, “3/0.912”, “4/0.512”, “5/0.512”, “6/0.512”, “6/0.912”, “8/0.512”, “10/0.512”, “10/0.522”, “16/0.512”, “1.5/0.512”, “0.512/0.512”, “1/1”, “2/1”, “3/1”, “4/1”, “5/1”, “6/1”, “7/1”, “8/1”, “9/1”, “10/1”, “11/1”, “12/1”, “14/1”, “15/1”, “16/1”, “17/1”, “18/1”, “20/1”, “22/1”, “24/1”, “25/1”, “29/1”, “3/11”, “30/1”, “35/1”, “40/1”, “50/1”, “60/1”, “75/1”, “1.5/1”, “100/1”, “11/11”, “2.5/1”, “200/1”, “21/21”, “3.5/1”, “33/11”, “180/11”, “25/201”, “1/10”, “1/20”, “2/10”, “3/10”, </p>

Product	Speeds
	<p> “4/10”, “4/20”, “6/10”, “6/20”, “7/10”, “8/10”, “1/100”, “10/10”, “10/30”, “12/30”, “15/10”, “16/10”, “1G/10”, “1G/20”, “1G/30”, “1G/40”, “1G/50”, “20/10”, “20/20”, “20/40”, “20/50”, “25/10”, “25/20”, “25/50”, “30/10”, “30/20”, “30/30”, “30/50”, “35/10”, “40/10”, “40/20”, “40/40”, “40/50”, “41/10”, “44/20”, “45/10”, “50/10”, “50/20”, “50/30”, “50/50”, “50/70”, “55/10”, “55/20”, “60/10”, “60/20”, “60/30”, “60/40”, “60/60”, “60/70”, “70/10”, “70/20”, “70/70”, “75/10”, “75/20”, “75/30”, “75/40”, “75/50”, “75/90”, “76/20”, “80/10”, “80/20”, “80/40”, “80/50”, “80/80”, “90/10”, “90/20”, “90/30”, “90/90”, “10/100”, “100/10”, “100/20”, “100/30”, “100/40”, “100/50”, “100/60”, “100/70”, “101/10”, “105/10”, “110/10”, “110/20”, “120/10”, “120/20”, “120/30”, “120/40”, “120/60”, “125/10”, “125/40”, “140/20”, “15/500”, “150/10”, “150/20”, “150/30”, “150/40”, “150/50”, “150/90”, “160/10”, “160/20”, “160/30”, “175/10”, “180/30”, “1G/100”, “1G/150”, “1G/200”, “1G/250”, “1G/300”, “1G/400”, “1G/500”, “1G/750”, “20/200”, “200/10”, “200/20”, “200/30”, “200/40”, “200/50”, “220/20”, “225/10”, “225/20”, “25/250”, “250/10”, “250/20”, “250/30”, “250/40”, “250/50”, “250/70”, “259/20”, “260/10”, “275/30”, “2G/200”, “30/300”, “300/10”, “300/20”, “300/30”, “300/40”, “300/50”, “300/70”, “330/50”, “350/20”, “350/50”, “360/20”, “360/30”, “400/10”, “400/20”, “400/30”, “400/40”, “400/50”, “400/80”, “450/50”, “4G/100”, “50/150”, “500/10”, “500/20”, “500/30”, “500/40”, “500/50”, “500/60”, “600/10”, “600/20”, “600/30”, “600/40”, “600/50”, “600/60”, “600/90”, “700/20”, “700/50”, “75/100”, “750/20”, “750/40”, “800/60”, “940/50”, “1/0.140”, “100/100”, “100/150”, “100/200”, “100/500”, “1000/10”, “1000/20”, “1000/30”, “1000/50”, “1000/60”, “1000/80”, “110/110”, “120/120”, “125/150”, “130/130”, “140/140”, “150/150”, “160/160”, “180/180”, “199/100”, “200/100”, “200/200”, “220/220”, “240/240”, “250/100”, “250/150”, “250/250”, “3.0/3.0”, “300/100”, “300/150”, “300/200”, “300/300”, “330/330”, “350/100”, “350/350”, “360/360”, “400/100”, “400/200”, “400/400”, “500/100”, “500/150”, “500/200”, “500/250”, “500/300”, “500/500”, “600/100”, “600/150”, “600/200”, “600/400”, “600/600”, “650/650”, “660/660”, “700/700”, “750/100”, “750/150”, “750/200”, “750/300”, “750/750”, “8/0.490”, “800/800”, “900/450”, “900/900”, “940/100”, “940/750”, “940/880”, “940/940”, “1.5G/150”, “1000/100”, “1000/200”, “1000/220”, “1000/250”, “1000/300”, “1000/600”, “1000/700”, “15/0.750”, “205G/250”, </p>

Product	Speeds
	"600/6900", "1.65G/250", "1000/1000", "2000/2000", "10000/5000", "20000/10000", "30000/20000"]
Cloud Connect	["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 30M", "ETHERNET 40M", "ETHERNET 50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 400M", "ETHERNET 500M", "ETHERNET 600M", "ETHERNET 700M", "ETHERNET 800M", "ETHERNET 900M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 40G", "ETHERNET 100G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode", "1000M Multi Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single Mode", "10000M Single Mode", "10M RJ45", "100M RJ45"]
VoIP	["2-4 Lines", "20+ Lines", "5-10 Lines", "11-19 Lines", "1 Line"]
Ethernet - Dedicated	["ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 11M", "ETHERNET 12M", "ETHERNET 13M", "ETHERNET 14M", "ETHERNET 15M", "ETHERNET 16M", "ETHERNET 17M", "ETHERNET 18M", "ETHERNET 19M", "ETHERNET 20M", "ETHERNET 21M", "ETHERNET 22M", "ETHERNET 23M", "ETHERNET 24M", "ETHERNET 25M", "ETHERNET 26M", "ETHERNET 27M", "ETHERNET 28M", "ETHERNET 29M", "ETHERNET 30M", "ETHERNET 31M", "ETHERNET 32M", "ETHERNET 33M", "ETHERNET 34M", "ETHERNET 35M", "ETHERNET 36M", "ETHERNET 37M", "ETHERNET 38M", "ETHERNET 39M", "ETHERNET 40M", "ETHERNET 41M", "ETHERNET 42M", "ETHERNET 43M", "ETHERNET 44M", "ETHERNET 45M", "ETHERNET 46M", "ETHERNET 47M", "ETHERNET 48M", "ETHERNET 49M", "ETHERNET 50M", "ETHERNET 55M", "ETHERNET 60M", "ETHERNET 65M", "ETHERNET 70M", "ETHERNET 75M", "ETHERNET 80M", "ETHERNET 85M", "ETHERNET 90M", "ETHERNET 95M", "ETHERNET 0.5M", "ETHERNET 1.5M", "ETHERNET 100M", "ETHERNET 110M", "ETHERNET 120M", "ETHERNET 130M", "ETHERNET 140M", "ETHERNET 150M", "ETHERNET 155M", "ETHERNET 160M", "ETHERNET 175M",

Product	Speeds
	“ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”, “ETHERNET 300M”, “ETHERNET 350M”, “ETHERNET 360M”, “ETHERNET 4.5M”, “ETHERNET 400M”, “ETHERNET 450M”, “ETHERNET 500M”, “ETHERNET 550M”, “ETHERNET 600M”, “ETHERNET 650M”, “ETHERNET 7.5M”, “ETHERNET 700M”, “ETHERNET 750M”, “ETHERNET 800M”, “ETHERNET 850M”, “ETHERNET 900M”, “ETHERNET 950M”, “ETHERNET 1000M”, “ETHERNET 1G”, “ETHERNET 2G”, “ETHERNET 3G”, “ETHERNET 4G”, “ETHERNET 5G”, “ETHERNET 6G”, “ETHERNET 7G”, “ETHERNET 8G”, “ETHERNET 9G”, “ETHERNET 10G”, “ETHERNET 20G”, “ETHERNET 25G”, “ETHERNET 30G”, “ETHERNET 40G”, “ETHERNET 50G”, “ETHERNET 60G”, “ETHERNET 70G”, “ETHERNET 80G”, “ETHERNET 90G”, “ETHERNET 1.5G”, “ETHERNET 100G”, “ETHERNET 2.5G”, “ETHERNET 3.5G”, “ETHERNET 4.5G”, “ETHERNET 5.5G”, “ETHERNET 6.5G”, “ETHERNET 7.5G”, “ETHERNET 8.5G”, “ETHERNET 9.5G”, “10M Multi Mode”, “100M Multi Mode”, “10M Single Mode”, “1000M Multi Mode”, “100M Single Mode”, “10000M Multi Mode”, “1000M Single Mode”, “10000M Single Mode”, “10M RJ45”, “100M RJ45”]
Ethernet - Switched	[“ETHERNET 1M”, “ETHERNET 2M”, “ETHERNET 3M”, “ETHERNET 4M”, “ETHERNET 5M”, “ETHERNET 6M”, “ETHERNET 7M”, “ETHERNET 8M”, “ETHERNET 9M”, “ETHERNET 10M”, “ETHERNET 11M”, “ETHERNET 12M”, “ETHERNET 13M”, “ETHERNET 14M”, “ETHERNET 15M”, “ETHERNET 16M”, “ETHERNET 17M”, “ETHERNET 18M”, “ETHERNET 19M”, “ETHERNET 20M”, “ETHERNET 21M”, “ETHERNET 22M”, “ETHERNET 23M”, “ETHERNET 24M”, “ETHERNET 25M”, “ETHERNET 26M”, “ETHERNET 27M”, “ETHERNET 28M”, “ETHERNET 29M”, “ETHERNET 30M”, “ETHERNET 31M”, “ETHERNET 32M”, “ETHERNET 33M”, “ETHERNET 34M”, “ETHERNET 35M”, “ETHERNET 36M”, “ETHERNET 37M”, “ETHERNET 38M”, “ETHERNET 39M”, “ETHERNET 40M”, “ETHERNET 41M”, “ETHERNET 42M”, “ETHERNET 43M”, “ETHERNET 44M”, “ETHERNET 45M”, “ETHERNET 46M”, “ETHERNET 47M”, “ETHERNET 48M”, “ETHERNET 49M”, “ETHERNET 50M”, “ETHERNET 55M”, “ETHERNET 60M”, “ETHERNET 65M”, “ETHERNET 70M”, “ETHERNET 75M”, “ETHERNET 80M”, “ETHERNET 85M”, “ETHERNET 90M”, “ETHERNET 95M”, “ETHERNET 0.5M”, “ETHERNET 1.5M”, “ETHERNET 100M”, “ETHERNET 110M”, “ETHERNET 120M”, “ETHERNET 130M”, “ETHERNET 140M”, “ETHERNET 150M”, “ETHERNET 155M”, “ETHERNET 160M”, “ETHERNET 175M”, “ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”,

Product	Speeds
	"ETHERNET 300M", "ETHERNET 350M", "ETHERNET 360M", "ETHERNET 4.5M", "ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 550M", "ETHERNET 600M", "ETHERNET 650M", "ETHERNET 7.5M", "ETHERNET 700M", "ETHERNET 750M", "ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M", "ETHERNET 950M", "ETHERNET 1000M", "ETHERNET 0.064M", "ETHERNET 0.128M", "ETHERNET 0.256M", "ETHERNET 0.512M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 20G", "ETHERNET 25G", "ETHERNET 30G", "ETHERNET 40G", "ETHERNET 50G", "ETHERNET 60G", "ETHERNET 70G", "ETHERNET 80G", "ETHERNET 90G", "ETHERNET 1.5G", "ETHERNET 100G", "ETHERNET 2.5G", "ETHERNET 3.5G", "ETHERNET 4.5G", "ETHERNET 5.5G", "ETHERNET 6.5G", "ETHERNET 7.5G", "ETHERNET 8.5G", "ETHERNET 9.5G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode", "1000M Multi Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single Mode", "10000M Single Mode", "10M RJ45", "100M RJ45"]
SD WAN	["1M", "2M", "3M", "4M", "5M", "6M", "7M", "8M", "9M", "10M", "20M", "30M", "40M", "50M", "60M", "70M", "80M", "90M", "100M", "150M", "200M", "250M", "300M", "400M", "500M", "600M", "700M", "800M", "900M", "1000M", "1G", "2G", "3G", "4G", "5G", "6G", "7G", "8G", "9G", "10G", "40G", "100G"]
User Network Interface	["UNI 1G Port", "UNI 10G Port", "UNI 10/100M Port"]
Static IP	["Static IP 2 IPs", "Static IP 3 IPs", "Static IP 4 IPs", "Static IP 5 IPs", "Static IP 6 IPs", "Static IP 7 IPs", "Static IP 8 IPs", "Static IP 10 IPs", "Static IP 13 IPs", "Static IP 14 IPs", "Static IP 16 IPs", "Static IP 20 IPs", "Static IP 24 IPs", "Static IP 25 IPs", "Static IP 26 IPs", "Static IP 27 IPs", "Static IP 28 IPs", "Static IP 29 IPs", "Static IP 30 IPs", "Static IP 31 IPs", "Static IP 32 IPs", "Static IP 40 IPs", "Static IP 50 IPs", "Static IP 60 IPs", "Static IP 61 IPs", "Static IP 62 IPs", "Static IP 64 IPs", "Static IP 70 IPs", "Static IP 80 IPs", "Static IP 100 IPs", "Static IP 125 IPs", "Static IP 128 IPs", "Static IP 200 IPs", "Static IP 252 IPs", "Static IP 253 IPs", "Static IP 256 IPs", "Static IP 300 IPs", "Static IP 400 IPs", "Static IP 500 IPs", "Static IP 512 IPs", "Static IP 600 IPs", "Static IP 700 IPs", "Static IP 800 IPs", "Static IP 1000 IPs", "Static IP 1024 IPs", "Static IP

Product	Speeds
	2000 IPs”, “Static IP 3000 IPs”, “Static IP 4000 IPs”, “Static IP 5000 IPs”, “Static IP 6000 IPs”, “Static IP 1 IP”]
Network Network Interface	[“UNI 1G Port”, “UNI 10G Port”, “UNI 10/100M Port”]
Dedicated Internet - Managed	[“1M”, “2M”, “3M”, “4M”, “5M”, “6M”, “7M”, “8M”, “9M”, “10M”, “11M”, “13M”, “15M”, “17M”, “19M”, “20M”, “21M”, “22M”, “23M”, “24M”, “25M”, “26M”, “27M”, “28M”, “29M”, “30M”, “31M”, “32M”, “33M”, “34M”, “35M”, “36M”, “37M”, “38M”, “39M”, “40M”, “41M”, “42M”, “43M”, “44M”, “45M”, “46M”, “47M”, “48M”, “49M”, “50M”, “55M”, “60M”, “65M”, “70M”, “75M”, “80M”, “85M”, “90M”, “95M”, “100M”, “110M”, “130M”, “150M”, “160M”, “175M”, “180M”, “190M”, “200M”, “250M”, “300M”, “350M”, “400M”, “450M”, “500M”, “550M”, “600M”, “650M”, “700M”, “750M”, “800M”, “850M”, “900M”, “950M”, “1000M”, “1.544M”, “1G”, “3.5G”, “4.5G”, “5.5G”, “6.5G”, “8.5G”]
VPN	[“1M”, “2M”, “3M”, “4M”, “5M”, “6M”, “7M”, “8M”, “9M”, “10M”, “11M”, “12M”, “13M”, “14M”, “15M”, “16M”, “17M”, “18M”, “19M”, “20M”, “21M”, “22M”, “23M”, “24M”, “25M”, “26M”, “27M”, “28M”, “29M”, “30M”, “31M”, “32M”, “33M”, “34M”, “35M”, “36M”, “37M”, “38M”, “39M”, “40M”, “41M”, “42M”, “43M”, “44M”, “45M”, “46M”, “47M”, “48M”, “49M”, “50M”, “51M”, “52M”, “53M”, “54M”, “55M”, “56M”, “57M”, “58M”, “59M”, “60M”, “61M”, “62M”, “63M”, “64M”, “65M”, “66M”, “67M”, “68M”, “69M”, “70M”, “71M”, “72M”, “73M”, “74M”, “75M”, “76M”, “77M”, “78M”, “79M”, “80M”, “81M”, “82M”, “83M”, “84M”, “85M”, “86M”, “87M”, “88M”, “89M”, “90M”, “91M”, “92M”, “93M”, “94M”, “95M”, “96M”, “97M”, “98M”, “99M”, “100M”, “150M”, “200M”, “250M”, “300M”, “350M”, “400M”, “450M”, “500M”, “600M”, “700M”, “800M”, “900M”, “1000M”, “1.544M”, “3.088M”, “4.632M”, “6.176M”, “7.720M”, “9.264M”, “10.808M”, “12.352M”, “10G”]
Ethernet - Switched w/COS	[“ETHERNET 1M”, “ETHERNET 2M”, “ETHERNET 3M”, “ETHERNET 4M”, “ETHERNET 5M”, “ETHERNET 6M”, “ETHERNET 7M”, “ETHERNET 8M”, “ETHERNET 9M”, “ETHERNET 10M”, “ETHERNET 11M”, “ETHERNET 12M”, “ETHERNET 13M”, “ETHERNET 14M”, “ETHERNET 15M”, “ETHERNET 16M”, “ETHERNET 17M”, “ETHERNET 18M”, “ETHERNET 19M”, “ETHERNET 20M”, “ETHERNET 21M”, “ETHERNET 22M”, “ETHERNET 23M”, “ETHERNET 24M”, “ETHERNET 25M”, “ETHERNET 26M”, “ETHERNET 27M”, “ETHERNET 28M”, “ETHERNET 29M”, “ETHERNET 30M”, “ETHERNET 31M”, “ETHERNET 32M”, “ETHERNET 33M”,

Product	Speeds
	<p> “ETHERNET 34M”, “ETHERNET 35M”, “ETHERNET 36M”, “ETHERNET 37M”, “ETHERNET 38M”, “ETHERNET 39M”, “ETHERNET 40M”, “ETHERNET 41M”, “ETHERNET 42M”, “ETHERNET 43M”, “ETHERNET 44M”, “ETHERNET 45M”, “ETHERNET 46M”, “ETHERNET 47M”, “ETHERNET 48M”, “ETHERNET 49M”, “ETHERNET 50M”, “ETHERNET 55M”, “ETHERNET 60M”, “ETHERNET 65M”, “ETHERNET 70M”, “ETHERNET 75M”, “ETHERNET 80M”, “ETHERNET 85M”, “ETHERNET 90M”, “ETHERNET 95M”, “ETHERNET 0.5M”, “ETHERNET 1.5M”, “ETHERNET 100M”, “ETHERNET 110M”, “ETHERNET 120M”, “ETHERNET 130M”, “ETHERNET 140M”, “ETHERNET 150M”, “ETHERNET 155M”, “ETHERNET 160M”, “ETHERNET 175M”, “ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”, “ETHERNET 300M”, “ETHERNET 350M”, “ETHERNET 360M”, “ETHERNET 4.5M”, “ETHERNET 400M”, “ETHERNET 450M”, “ETHERNET 500M”, “ETHERNET 550M”, “ETHERNET 600M”, “ETHERNET 650M”, “ETHERNET 700M”, “ETHERNET 750M”, “ETHERNET 800M”, “ETHERNET 850M”, “ETHERNET 900M”, “ETHERNET 950M”, “ETHERNET 1000M”, “ETHERNET 1G”, “ETHERNET 2G”, “ETHERNET 3G”, “ETHERNET 4G”, “ETHERNET 5G”, “ETHERNET 6G”, “ETHERNET 7G”, “ETHERNET 8G”, “ETHERNET 9G”, “ETHERNET 10G”, “ETHERNET 20G”, “ETHERNET 25G”, “ETHERNET 30G”, “ETHERNET 40G”, “ETHERNET 50G”, “ETHERNET 60G”, “ETHERNET 70G”, “ETHERNET 80G”, “ETHERNET 90G”, “ETHERNET 1.5G”, “ETHERNET 100G”, “ETHERNET 2.5G”, “ETHERNET 3.5G”, “ETHERNET 4.5G”, “ETHERNET 5.5G”, “ETHERNET 6.5G”, “ETHERNET 7.5G”, “ETHERNET 8.5G”, “ETHERNET 9.5G”, “10M Multi Mode”, “100M Multi Mode”, “10M Single Mode”, “1000M Multi Mode”, “100M Single Mode”, “10000M Multi Mode”, “1000M Single Mode”, “10000M Single Mode”, “10M RJ45”, “100M RJ45”] </p>
Ethernet - Switched w/COS2	<p> [“ETHERNET 1M”, “ETHERNET 2M”, “ETHERNET 3M”, “ETHERNET 4M”, “ETHERNET 5M”, “ETHERNET 6M”, “ETHERNET 7M”, “ETHERNET 8M”, “ETHERNET 9M”, “ETHERNET 10M”, “ETHERNET 11M”, “ETHERNET 12M”, “ETHERNET 13M”, “ETHERNET 14M”, “ETHERNET 15M”, “ETHERNET 16M”, “ETHERNET 17M”, “ETHERNET 18M”, “ETHERNET 19M”, “ETHERNET 20M”, “ETHERNET 21M”, “ETHERNET 22M”, “ETHERNET 23M”, “ETHERNET 24M”, “ETHERNET 25M”, “ETHERNET 26M”, “ETHERNET 27M”, “ETHERNET 28M”, “ETHERNET 29M”, “ETHERNET 30M”, “ETHERNET 31M”, “ETHERNET 32M”, “ETHERNET 33M”, “ETHERNET 34M”, “ETHERNET 35M”, “ETHERNET 36M”, “ETHERNET 37M”, “ETHERNET 38M”, “ETHERNET 39M”, </p>

Product	Speeds
	<p> “ETHERNET 40M”, “ETHERNET 41M”, “ETHERNET 42M”, “ETHERNET 43M”, “ETHERNET 44M”, “ETHERNET 45M”, “ETHERNET 46M”, “ETHERNET 47M”, “ETHERNET 48M”, “ETHERNET 49M”, “ETHERNET 50M”, “ETHERNET 55M”, “ETHERNET 60M”, “ETHERNET 65M”, “ETHERNET 70M”, “ETHERNET 75M”, “ETHERNET 80M”, “ETHERNET 85M”, “ETHERNET 90M”, “ETHERNET 95M”, “ETHERNET 0.5M”, “ETHERNET 1.5M”, “ETHERNET 100M”, “ETHERNET 110M”, “ETHERNET 120M”, “ETHERNET 130M”, “ETHERNET 140M”, “ETHERNET 150M”, “ETHERNET 155M”, “ETHERNET 160M”, “ETHERNET 175M”, “ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”, “ETHERNET 300M”, “ETHERNET 350M”, “ETHERNET 360M”, “ETHERNET 4.5M”, “ETHERNET 400M”, “ETHERNET 450M”, “ETHERNET 500M”, “ETHERNET 550M”, “ETHERNET 600M”, “ETHERNET 650M”, “ETHERNET 700M”, “ETHERNET 750M”, “ETHERNET 800M”, “ETHERNET 850M”, “ETHERNET 900M”, “ETHERNET 950M”, “ETHERNET 1000M”, “ETHERNET 1G”, “ETHERNET 2G”, “ETHERNET 3G”, “ETHERNET 4G”, “ETHERNET 5G”, “ETHERNET 6G”, “ETHERNET 7G”, “ETHERNET 8G”, “ETHERNET 9G”, “ETHERNET 10G”, “ETHERNET 20G”, “ETHERNET 25G”, “ETHERNET 30G”, “ETHERNET 40G”, “ETHERNET 50G”, “ETHERNET 60G”, “ETHERNET 70G”, “ETHERNET 80G”, “ETHERNET 90G”, “ETHERNET 1.5G”, “ETHERNET 100G”, “ETHERNET 2.5G”, “ETHERNET 3.5G”, “ETHERNET 4.5G”, “ETHERNET 5.5G”, “ETHERNET 6.5G”, “ETHERNET 7.5G”, “ETHERNET 8.5G”, “ETHERNET 9.5G”, “10M Multi Mode”, “100M Multi Mode”, “10M Single Mode”, “1000M Multi Mode”, “100M Single Mode”, “10000M Multi Mode”, “1000M Single Mode”, “10000M Single Mode”, “10M RJ45”, “100M RJ45”] </p>
Ethernet - Dedicated COS1	<p> [“ETHERNET 1M”, “ETHERNET 2M”, “ETHERNET 3M”, “ETHERNET 4M”, “ETHERNET 5M”, “ETHERNET 6M”, “ETHERNET 7M”, “ETHERNET 8M”, “ETHERNET 9M”, “ETHERNET 10M”, “ETHERNET 11M”, “ETHERNET 12M”, “ETHERNET 13M”, “ETHERNET 14M”, “ETHERNET 15M”, “ETHERNET 16M”, “ETHERNET 17M”, “ETHERNET 18M”, “ETHERNET 19M”, “ETHERNET 20M”, “ETHERNET 21M”, “ETHERNET 22M”, “ETHERNET 23M”, “ETHERNET 24M”, “ETHERNET 25M”, “ETHERNET 26M”, “ETHERNET 27M”, “ETHERNET 28M”, “ETHERNET 29M”, “ETHERNET 30M”, “ETHERNET 31M”, “ETHERNET 32M”, “ETHERNET 33M”, “ETHERNET 34M”, “ETHERNET 35M”, “ETHERNET 36M”, “ETHERNET 37M”, “ETHERNET 38M”, “ETHERNET 39M”, “ETHERNET 40M”, “ETHERNET 41M”, “ETHERNET 42M”, “ETHERNET 43M”, “ETHERNET 44M”, “ETHERNET 45M”, </p>

Product	Speeds
	<p>“ETHERNET 46M”, “ETHERNET 47M”, “ETHERNET 48M”, “ETHERNET 49M”, “ETHERNET 50M”, “ETHERNET 55M”, “ETHERNET 60M”, “ETHERNET 65M”, “ETHERNET 70M”, “ETHERNET 75M”, “ETHERNET 80M”, “ETHERNET 85M”, “ETHERNET 90M”, “ETHERNET 95M”, “ETHERNET 0.5M”, “ETHERNET 1.5M”, “ETHERNET 100M”, “ETHERNET 110M”, “ETHERNET 120M”, “ETHERNET 130M”, “ETHERNET 140M”, “ETHERNET 150M”, “ETHERNET 155M”, “ETHERNET 160M”, “ETHERNET 175M”, “ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”, “ETHERNET 300M”, “ETHERNET 350M”, “ETHERNET 360M”, “ETHERNET 4.5M”, “ETHERNET 400M”, “ETHERNET 450M”, “ETHERNET 500M”, “ETHERNET 550M”, “ETHERNET 600M”, “ETHERNET 650M”, “ETHERNET 700M”, “ETHERNET 750M”, “ETHERNET 800M”, “ETHERNET 850M”, “ETHERNET 900M”, “ETHERNET 950M”, “ETHERNET 1000M”, “ETHERNET 1G”, “ETHERNET 2G”, “ETHERNET 3G”, “ETHERNET 4G”, “ETHERNET 5G”, “ETHERNET 6G”, “ETHERNET 7G”, “ETHERNET 8G”, “ETHERNET 9G”, “ETHERNET 10G”, “ETHERNET 20G”, “ETHERNET 25G”, “ETHERNET 30G”, “ETHERNET 40G”, “ETHERNET 50G”, “ETHERNET 60G”, “ETHERNET 70G”, “ETHERNET 80G”, “ETHERNET 90G”, “ETHERNET 1.5G”, “ETHERNET 100G”, “ETHERNET 2.5G”, “ETHERNET 3.5G”, “ETHERNET 4.5G”, “ETHERNET 5.5G”, “ETHERNET 6.5G”, “ETHERNET 7.5G”, “ETHERNET 8.5G”, “ETHERNET 9.5G”, “10M Multi Mode”, “100M Multi Mode”, “10M Single Mode”, “1000M Multi Mode”, “100M Single Mode”, “10000M Multi Mode”, “1000M Single Mode”, “10000M Single Mode”, “10M RJ45”, “100M RJ45”]</p>
Ethernet - Dedicated COS2	<p>[“ETHERNET 1M”, “ETHERNET 2M”, “ETHERNET 3M”, “ETHERNET 4M”, “ETHERNET 5M”, “ETHERNET 6M”, “ETHERNET 7M”, “ETHERNET 8M”, “ETHERNET 9M”, “ETHERNET 10M”, “ETHERNET 11M”, “ETHERNET 12M”, “ETHERNET 13M”, “ETHERNET 14M”, “ETHERNET 15M”, “ETHERNET 16M”, “ETHERNET 17M”, “ETHERNET 18M”, “ETHERNET 19M”, “ETHERNET 20M”, “ETHERNET 21M”, “ETHERNET 22M”, “ETHERNET 23M”, “ETHERNET 24M”, “ETHERNET 25M”, “ETHERNET 26M”, “ETHERNET 27M”, “ETHERNET 28M”, “ETHERNET 29M”, “ETHERNET 30M”, “ETHERNET 31M”, “ETHERNET 32M”, “ETHERNET 33M”, “ETHERNET 34M”, “ETHERNET 35M”, “ETHERNET 36M”, “ETHERNET 37M”, “ETHERNET 38M”, “ETHERNET 39M”, “ETHERNET 40M”, “ETHERNET 41M”, “ETHERNET 42M”, “ETHERNET 43M”, “ETHERNET 44M”, “ETHERNET 45M”, “ETHERNET 46M”, “ETHERNET 47M”, “ETHERNET 48M”, “ETHERNET 49M”, “ETHERNET 50M”, “ETHERNET 55M”,</p>

Product	Speeds
	<p> “ETHERNET 60M”, “ETHERNET 65M”, “ETHERNET 70M”, “ETHERNET 75M”, “ETHERNET 80M”, “ETHERNET 85M”, “ETHERNET 90M”, “ETHERNET 95M”, “ETHERNET 0.5M”, “ETHERNET 1.5M”, “ETHERNET 100M”, “ETHERNET 110M”, “ETHERNET 120M”, “ETHERNET 130M”, “ETHERNET 140M”, “ETHERNET 150M”, “ETHERNET 155M”, “ETHERNET 160M”, “ETHERNET 175M”, “ETHERNET 180M”, “ETHERNET 190M”, “ETHERNET 200M”, “ETHERNET 240M”, “ETHERNET 250M”, “ETHERNET 300M”, “ETHERNET 350M”, “ETHERNET 360M”, “ETHERNET 4.5M”, “ETHERNET 400M”, “ETHERNET 450M”, “ETHERNET 500M”, “ETHERNET 550M”, “ETHERNET 600M”, “ETHERNET 650M”, “ETHERNET 700M”, “ETHERNET 750M”, “ETHERNET 800M”, “ETHERNET 850M”, “ETHERNET 900M”, “ETHERNET 950M”, “ETHERNET 1000M”, “ETHERNET 1G”, “ETHERNET 2G”, “ETHERNET 3G”, “ETHERNET 4G”, “ETHERNET 5G”, “ETHERNET 6G”, “ETHERNET 7G”, “ETHERNET 8G”, “ETHERNET 9G”, “ETHERNET 10G”, “ETHERNET 20G”, “ETHERNET 25G”, “ETHERNET 30G”, “ETHERNET 40G”, “ETHERNET 50G”, “ETHERNET 60G”, “ETHERNET 70G”, “ETHERNET 80G”, “ETHERNET 90G”, “ETHERNET 1.5G”, “ETHERNET 100G”, “ETHERNET 2.5G”, “ETHERNET 3.5G”, “ETHERNET 4.5G”, “ETHERNET 5.5G”, “ETHERNET 6.5G”, “ETHERNET 7.5G”, “ETHERNET 8.5G”, “ETHERNET 9.5G”, “10M Multi Mode”, “100M Multi Mode”, “10M Single Mode”, “1000M Multi Mode”, “100M Single Mode”, “10000M Multi Mode”, “1000M Single Mode”, “10000M Single Mode”, “10M RJ45”, “100M RJ45”] </p>

Appendix B – Country Codes

ISO 3166-1 alpha-3 codes are three-letter country codes defined in ISO 3166-1, part of the ISO 3166 standard published by the International Organization for Standardization (ISO), to represent countries, dependent territories, and special areas of geographical interest.

Country	Alpha-3 code
Afghanistan	AFG
Albania	ALB
Algeria	DZA
American Samoa	ASM
Andorra	AND
Angola	AGO
Anguilla	AIA
Antarctica	ATA
Antigua and Barbuda	ATG
Argentina	ARG
Armenia	ARM
Aruba	ABW
Australia	AUS
Austria	AUT
Azerbaijan	AZE
Bahamas (the)	BHS
Bahrain	BHR
Bangladesh	BGD
Barbados	BRB
Belarus	BLR

Country	Alpha-3 code
Belgium	BEL
Belize	BLZ
Benin	BEN
Bermuda	BMU
Bhutan	BTN
Bolivia (Plurinational State of)	BOL
Bonaire, Sint Eustatius and Saba	BES
Bosnia and Herzegovina	BIH
Botswana	BWA
Bouvet Island	BVT
Brazil	BRA
British Indian Ocean Territory (the)	IOT
Brunei Darussalam	BRN
Bulgaria	BGR
Burkina Faso	BFA
Burundi	BDI
Cabo Verde	CPV
Cambodia	KHM
Cameroon	CMR
Canada	CAN
Cayman Islands (the)	CYM
Central African Republic (the)	CAF
Chad	TCD
Chile	CHL
China	CHN

Country	Alpha-3 code
Christmas Island	CXR
Cocos (Keeling) Islands (the)	CCK
Columbia	COL
Comoros (the)	COM
Congo (the Democratic Republic of the)	COD
Congo (the)	COG
Cook Islands (the)	COK
Costa Rica	CRI
Croatia	HRV
Cuba	CUB
Curaçao	CUW
Cyprus	CYP
Czechia	CZE
Côte d'Ivoire	CIV
Denmark	DNK
Djibouti	DJI
Dominica	DMA
Dominican Republic (the)	DOM
Ecuador	ECU
Egypt	EGY
El Salvador	SLV
Equatorial Guinea	GNQ
Eritrea	ERI
Estonia	EST
Eswatini	SWZ

Country	Alpha-3 code
Ethiopia	ETH
Falkland Islands (the) [Malvinas]	FLK
Faroe Islands (the)	FRO
Fiji	FJI
Finland	FIN
France	FRA
French Guiana	GUF
French Polynesia	PYF
French Southern Territories (the)	ATF
Gabon	GAB
Gambia (the)	GMB
Georgia	GEO
Germany	DEU
Ghana	GHA
Gibraltar	GIB
Greece	GRC
Greenland	GRL
Grenada	GRD
Guadeloupe	GLP
Guam	GUM
Guatemala	GTM
Guernsey	GGY
Guinea	GIN
Guinea-Bissau	GNB
Guyana	GUY

Country	Alpha-3 code
Haiti	HTI
Heard Island and McDonald Islands	HMD
Holy See (the)	VAT
Honduras	HND
Hong Kong	HKG
Hungary	HUN
Iceland	ISL
India	IND
Indonesia	IDN
Iran (Islamic Republic of)	IRN
Iraq	IRQ
Ireland	IRL
Isle of Man	IMN
Israel	ISR
Italy	ITA
Jamaica	JAM
Japan	JPN
Jersey	JEY
Jordan	JOR
Kazakhstan	KAZ
Kenya	KEN
Kiribati	KIR
Korea (the Democratic People's Republic of)	PRK
Korea (the Republic of)	KOR

Country	Alpha-3 code
Kuwait	KWT
Kyrgyzstan	KGZ
Lao People's Democratic Republic (the)	LAO
Latvia	LVA
Lebanon	LBN
Lesotho	LSO
Liberia	LBR
Libya	LBY
Liechtenstein	LIE
Lithuania	LTU
Luxembourg	LUX
Macao	MAC
Madagascar	MDG
Malawi	MWI
Malaysia	MYS
Maldives	MDV
Mali	MLI
Malta	MLT
Marshall Islands (the)	MHL
Martinique	MTQ
Mauritania	MRT
Mauritius	MUS
Mayotte	MYT
Mexico	MEX
Micronesia (Federated States of)	FSM

Country	Alpha-3 code
Moldova (the Republic of)	MDA
Monaco	MCO
Mongolia	MNG
Montenegro	MNE
Montserrat	MSR
Morocco	MAR
Mozambique	MOZ
Myanmar	MMR
Namibia	NAM
Nauru	NRU
Nepal	NPL
Netherlands (the)	NLD
New Caledonia	NCL
New Zealand	NZL
Nicaragua	NIC
Niger (the)	NGA
Nigeria	NGA
Niue	NIU
Norfolk Island	NFK
Northern Mariana Islands (the)	MNP
Norway	NOR
Oman	OMN
Pakistan	PAK
Palau	PLW
Palestine, State of	PSE

Country	Alpha-3 code
Panama	PAN
Papua New Guinea	PNG
Paraguay	PRY
Peru	PER
Philippines (the)	PHL
Pitcairn	PCN
Poland	POL
Portugal	PRT
Puerto Rico	PRI
Qatar	QAT
Republic of North Macedonia	MKD
Romania	ROU
Russian Federation (the)	RUS
Rwanda	RWA
Réunion	REU
Saint Barthélemy	BLM
Saint Helena, Ascension and Tristan da Cunha	SHN
Saint Kitts and Nevis	KNA
Saint Lucia	LCA
Saint Martin (French part)	MAF
Saint Pierre and Miquelon	SPM
Saint Vincent and the Grenadines	VCT
Samoa	WSM
San Marino	SMR

Country	Alpha-3 code
Sao Tome and Principe	STP
Saudi Arabia	SAU
Senegal	SEN
Serbia	SRB
Seychelles	SYC
Sierra Leone	SLE
Singapore	SGP
Sint Maarten (Dutch part)	SXM
Slovakia	SVN
Slovenia	SVN
Solomon Islands	SLB
Somalia	SOM
South Africa	ZAF
South Georgia and the South Sandwich Islands	SGS
South Sudan	SSD
Spain	ESP
Sri Lanka	LKA
Sudan (the)	SDN
Suriname	SUR
Svalbard and Jan Mayen	SJM
Sweden	SWE
Switzerland	CHE
Syrian Arab Republic	SYR
Taiwan (Province of China)	TWN

Country	Alpha-3 code
Tajikistan	TJK
Tanzania, United Republic of	TZA
Thailand	THA
Timor-Leste	TLS
Togo	TGO
Tokelau	TKL
Tonga	TON
Trinidad and Tobago	TTO
Tunisia	TUN
Turkey	TUR
Turkmenistan	TKM
Turks and Caicos Islands (the)	TCA
Tuvalu	TUV
Uganda	UGA
Ukraine	UKR
United Arab Emirates (the)	ARE
United Kingdom of Great Britain and Northern Ireland (the)	GBR
United States Minor Outlying Islands (the)	UMI
United States of America (the)	USA
Uruguay	URY
Uzbekistan	UZB
Vanuatu	VUT
Venezuela (Bolivarian Republic of)	VEN
Viet Nam	VNM

Country	Alpha-3 code
Virgin Islands (British)	VGB
Virgin Islands (U.S.)	VIR
Wallis and Futuna	WLF
Western Sahara	ESH
Yemen	YEM
Zambia	ZMB
Zimbabwe	ZWE
Åland Islands	ALA

Appendix C – Currency Codes

Currency	Symbol	Name	Country
AED	د.إ	UAE Dirham	UAE
AFN	Af	Afghani	Afghanistan
ALL	L	Lek	Albania
AMD	֏	Armenian Dram	Armenia
AOA	Kz	Kwanza	Angola
ARS	\$	Argentine Peso	Argentina
			Kirbati
			Coconut Islands
			Nauru
			Tuvalu
AUD	\$	Australian Dollar	Australia
AWG	f	Aruban Guilder/Florin	Aruba
AZN	man	Azerbaijani Manat	Azerbaijan
BAM	KM	Konvertibilna Marka	Bosnia and Herzegovina
BBD	\$	Barbados Dollar	Barbados
BDT	৳	Taka	Bangladesh
BGN	лв	Bulgarian Lev	Bulgaria
BHD	ب.د.	Bahraini Dinar	Bahrain

Currency	Symbol	Name	Country
BIF	F	Burundi Franc	Burundi
BMD	\$	Bermudian Dollar	Bermuda
BND	\$	Brunei Dollar	Brunei
			Singapore
BOB	Bs.	Boliviano	Bolivia
BRL	R\$	Brazilian Real	Brazil
BSD	\$	Bahamian Dollar	Bahamas
BTN		Ngultrum	Bhutan
BWP	P	Pula	Botswana
BYN	Br	Belarusian Ruble	Belarus
BZD	\$	Belize Dollar	Belize
CAD	\$	Canadian Dollar	Canada
CDF	F	Congolese Franc	Congo (Kinshasa)
			Lichtenstein
CHF	F	Swiss Franc	Switzerland
CLP	\$	Chilean Peso	Chile
CNY	¥	Yuan	China
COP	\$	Colombian Peso	Colombia
CRC	₡	Costa Rican Colon	Costa Rica
CUP	\$	Cuban Peso	Cuba
CVE	\$	Cape Verde Escudo	Cape Verde
CZK	Kč	Czech Koruna	Czech Republic

Currency	Symbol	Name	Country
DJF	₣	Djibouti Franc	Djibouti
DKK	kr	Danish Krone	Denmark
DOP	\$	Dominican Peso	Dominican Republic
DZD	د.ج	Algerian Dinar	Algeria
EGP	£	Egyptian Pound	Egypt
ERN	Nfk	Nakfa	Eritrea
ETB		Ethiopian Birr	Ethiopia
			Akrotiri and Dhekelia
			Andorra
			Austria
			Belgium
			Cyprus
			Estonia
			Finland
			France
			Germany
			Greece
			Ireland
			Italy
			Kosovo
			Latvia
			Lithuania

Currency	Symbol	Name	Country
			Luxembourg
			Malta
			Monaco
			Montenegro
			Netherlands
			Portugal
			San-Marino
			Slovakia
			Slovenia
			Spain
EUR	€	Euro	Vatican
FJD	\$	Fiji Dollar	Fiji
FKP	£	Falkland Islands Pound	Falkland Islands
			Alderney
			British Indian Ocean Territory
			Great Britain
GBP	£	Pound Sterling	Isle of Maine
			Georgia
GEL	₾	Lari	South Ossetia
GHS	¢	Cedi	Ghana

Currency	Symbol	Name	Country
GIP	£	Gibraltar Pound	Gibraltar
GMD	D	Dalasi	Gambia
GNF	F	Guinea Franc	Guinea
GTQ	Q	Quetzal	Guatemala
GYD	\$	Guyana Dollar	Guyana
HKD	\$	Hong Kong Dollar	Hong Kong
HNL	L	Lempira	Honduras
HRK	Kn	Croatian Kuna	Croatia
HTG	G	Gourde	Haiti
HUF	Ft	Forint	Hungary
IDR	Rp	Rupiah	Indonesia
			Israel
ILS	₪	New Israeli Shekel	Palestine
			Bhutan
INR	₹	Indian Rupee	India
IQD	د.ع	Iraqi Dinar	Iraq
IRR	ریال	Iranian Rial	Iran
ISK	Kr	Iceland Krona	Iceland
JMD	\$	Jamaican Dollar	Jamaica
JOD	د.ا	Jordanian Dinar	Jordan
JPY	¥	Yen	Japan
KES	Sh	Kenyan Shilling	Kenya

Currency	Symbol	Name	Country
KGS		Som	Kyrgyzstan
KHR	៛	Riel	Cambodia
KPW	₩	North Korean Won	North Korea
KRW	₩	South Korean Won	South Korea
KWD	د.ك	Kuwaiti Dinar	Kuwait
KYD	\$	Cayman Islands Dollar	Cayman Islands
KZT	₸	Tenge	Kazakhstan
LAK	₭	Kip	Laos
LBP	ل.ل	Lebanese Pound	Lebanon
LKR	Rs	Sri Lanka Rupee	Sri Lanka
LRD	\$	Liberian Dollar	Liberia
LSL	L	Loti	Lesotho
LYD	ل.د	Libyan Dinar	Libya
MAD	م.د.	Moroccan Dirham	Morocco
MDL	L	Moldovan Leu	Moldova
MGA		Malagasy Ariary	Madagascar
MKD	ден	Denar	Macedonia
MMK	K	Kyat	Myanmar (Burma)
MNT	₮	Tugrik	Mongolia
MOP	P	Pataca	Macao
MRU	UM	Ouguiya	Mauritania

Currency	Symbol	Name	Country
MUR	Rs	Mauritius Rupee	Mauritius
MVR	ރ.	Rufiyaa	Maldives
MWK	MK	Kwacha	Malawi
MXN	\$	Mexican Peso	Mexico
MYR	RM	Malaysian Ringgit	Malaysia
MZN	MTn	Metical	Mozambique
NAD	\$	Namibia Dollar	Namibia
NGN	₦	Naira	Nigeria
NIO	C\$	Cordoba Oro	Nicaragua
NOK	kr	Norwegian Krone	Norway
NPR	Rs	Nepalese Rupee	Nepal
			Cook Islands
			New Zealand
			Niue
NZD	\$	New Zealand Dollar	Pitcairn Island
OMR	ر.ع.	Rial Omani	Oman
PAB	B/.	Balboa	Panama
PEN	S/.	Nuevo Sol	Peru
PGK	K	Kina	Papua New Guinea
PHP	₱	Philippine Peso	Philippines
PKR	Rs	Pakistan Rupee	Pakistan

Currency	Symbol	Name	Country
PLN	zł	PZloty	Poland
PYG	₲	Guarani	Paraguay
QAR	ر.ق	Qatari Rial	Qatar
RON	L	Leu	Romania
			Kosovo
RSD	din	Serbian Dinar	Serbia
			Russia
RUB	p.	Russian Ruble	South Ossetia
RWF	₣	Rwanda Franc	Rwanda
SAR	ر.س	Saudi Riyal	Saudi Arabia
SBD	\$	Solomon Islands Dollar	Solomon Islands
SCR	Rs	Seychelles Rupee	Seychelles
SDG	£	Sudanese Pound	Sudan
SEK	kr	Swedish Krona	Sweden
			Brunei
SGD	\$	Singapore Dollar	Singapore
			Ascension Island
			Saint Helena
SHP	£	Saint Helena Pound	Tristan da Cunha
SLL	Le	Leone	Sierra Leone
SOS	Sh	Somali Shilling	Somalia

Currency	Symbol	Name	Country
SRD	\$	Suriname Dollar	Suriname
STN	Db	Dobra	Sao Tome and Principe
SYP	ل.س	Syrian Pound	Syria
SZL	L	Lilangeni	Swaziland
THB	฿	Baht	Thailand
TJS	SM	Somoni	Tajikistan
TMT	m	Manat	Turkmenistan
TND	د.ت	Tunisian Dinar	Tunisia
TOP	T\$	Pa’anga	Tonga
			North Cyprus
TRY	£	Turkish Lira	Turkey
TTD	\$	Trinidad and Tobago Dollar	Trinidad and Tobago
TWD	\$	Taiwan Dollar	Taiwan
TZS	Sh	Tanzanian Shilling	Tanzania
UAH	₴	Hryvnia	Ukraine
UGX	Sh	Uganda Shilling	Uganda
			American Samoa
			British Indian Ocean Territory
			British Virgin Islands
			Guam

Currency	Symbol	Name	Country
			Haiti
			Marshall Islands
			Micronesia
			Northern Mariana Islands
			Pacific Remote islands
			Palau
			Panama
			Puerto Rico
			Turks and Caicos Islands
USD	\$	US Dollar	United States of America
			US Virgin Islands
UYU	\$	Peso Uruguayo	Uruguay
UZS		Uzbekistan Sum	Uzbekistan
VEF	Bs F	Bolivar Fuerte	Venezuela
VND	đ	Dong	Vietnam
VUV	Vt	Vatu	Vanuatu
WST	T	Tala	Samoa
			Benin
			Burkina Faso
			Cameroon

Currency	Symbol	Name	Country
			Central African Republic
			Chad
			Congo (Brazzaville)
			Côte d'Ivoire
			Equatorial Guinea
			Gabon
			Guinea-Bissau
			Mali
			Niger
			Senegal
XAF	F	CFA Franc BCEAO	Togo
			Anguilla
			Antigua and Barbuda
			Dominica
			Grenada
			Montserrat
			Saint Kitts and Nevis
			Saint Lucia
XCD	\$	East Caribbean Dollar	Saint Vincent and Grenadine
			French Polynesia
			New Caledonia

Currency	Symbol	Name	Country
XPF	F	CFP Franc	Wallis and Futuna
YER	ريال	Yemeni Rial	Yemen
			Lesotho
			Namibia
ZAR	R	Rand	South Africa
ZMW	ZK	Zambian Kwacha	Zambia
ZWL	\$	Zimbabwe Dollar	

Appendix D – Revision History

Revision	Date	Description
Revision 00	May 18, 2021	This is the initial release of this document.
Revision 01	June 4, 2021	Added Advanced CPQ V2 APIs, which affected request parameters for the POST Create Pricing API.
Revision 02	June 24, 2021	Added Appendix A “Products and Speeds”, Appendix B “Country Codes” and Appendix C “Currency Codes”.
Revision 03	September 10, 2021	Added the following: <ul style="list-style-type: none">• Get fallout method• Two new response parameters to the Get prices method: TotalLocations and totalLocationSolutions• Added customFields to POST Create Account, POST Create Deal, and POST Create Quote.• Revised Appendix A with updated Products and Speeds
Revision 04	November 11, 2021	Revised Appendix A with updated products and speeds.
Revision 05	January 10, 2022	For API user Create Quote and Create Pricing , the API user must be a platform user with permissions of “Edit User” or above to run this API.
	February 01, 2022	Rebranded the document template with a new title page, company name, logo, and updated fonts.
Revision 06	March 17, 2022	Deprecated and removed the Advanced CPQ v1 API calls.

Revision	Date	Description
Revision 07	April 19, 2022	<p>Added a new API Sample response to the Get prices method to include these additional parameters:</p> <ul style="list-style-type: none"> • account Id • accountName • dealId • dealName • billingAccount • banId • mrcCost • mrcTotalPrice • nrcCost • nrcTotalPrice • addressValid • preferredSupplier • dispositionCode • quoteCurrencyMrc • quoteCurrencyNrc • quoteCurrencyMrcCost • quoteCurrencyMrcTotalPrice • quoteCurrencyNrcCost • quoteCurrencyNrcTotalPrice • BaseCurrency • QuoteCurrency <p>Additionally, defined each of these parameters in the Advanced CPQ Data Dictionary.</p>

Revision	Date	Description
Revision 08	July 22, 2022	<ul style="list-style-type: none"> Added additional notations to the Get prices Requirements and Considerations as follows: When you run this API, the “externalApiProgress” must = 100 and “transaction status” must = success before the response is considered complete. A transaction status of “In Progress” means that Connectbase is still collecting and formatting results (even if the External API has gathered all its results) so that the compiled results are properly formatted and returned in the quote. Additionally, for the priceState (i.e., Priced, Selected, etc.) to return in the response, you must leave the State = null or remove the parameter from the request. Added new API sample responses to the Get prices method to include these additional parameters in the response and to show progress at 50%, 70% and 100%: <ul style="list-style-type: none"> “externalApiProgress” <i>{percentage complete}</i> “transaction status”: “In progress” / “success” “message”: “Solution Found” / “No Solution Found”
Revision 09	August 22, 2022	<p>Added the following notation to Post Create deal method.</p> <p>When using this method in a program, it is recommended that you create a new deal when a new address needs to be quoted, If you continue to add new locations to an existing deal, the deal locations will aggregate over time and negatively impact quoting performance.</p>

Revision	Date	Description
Revision 10	September 20, 2022	Incorporated the response attributes and data types for each API call into this guide, which were extracted from the “discontinued” API Data Dictionary Guide.
Revision 11	October 10, 2022	Added the following API calls: <ul style="list-style-type: none"> • Get audit logs <ul style="list-style-type: none"> ◦ quoteLogs ◦ apiAuditTracing ◦ ruleAudits ◦ activityAudits • POST Create billing account • Get billing accounts
Revision 12	November 07, 2022	Added two new response fields to the Get prices API: <ul style="list-style-type: none"> • LastMileSupplier • APIInfo
Revision 13	December 27, 2022	Added a new section Rate Limit Policy .
Revision 14	February 04, 2023	Added two new attributes to the Get Prices response “Provider Order” and “customProductName”. Added Pricing Type and addressStatusId to the response data types and attributes for Get Prices. Added the following rate limits: <ul style="list-style-type: none"> • Post Create Deal = 15 calls/min • Post Create Pricing = 15 calls/min • Get Prices = 30 calls/min For Post create pricing, the request parameter “channel” has been changed to “channels” (array).
Revision 15	February 10, 2023	For Post create pricing , you now have the option to either enter “channel” as a string for a single channel in the request or “channels” as an array for more than one channel in the request.

Revision	Date	Description
Revision 16	March 22, 2023	<p>Revised the Transaction Status description as follows:</p> <p>TransactionStatus</p> <p>Indicates the status of the transaction.</p> <p>In Progress, Completed, Failed, or Completed with Errors.</p> <p>Note: <i>Completed with Errors indicates that a quote completed by one or more external API calls encountered an error.</i></p> <p><i>For example, your company instance is connected to 12 external APIs and you issue a quote, Connectbase reaches out to those 12 APIs but receives results from only 11 of the 12. In this case, the status returns as “Completed with Errors”.</i></p>