



Configure, Price, Quote API Reference Guide

Revision 14

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About This Guide

Introduction

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

- [CPQ V2 APIs](#)

Accessing the Portal

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

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

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

Related Documentation

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

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

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

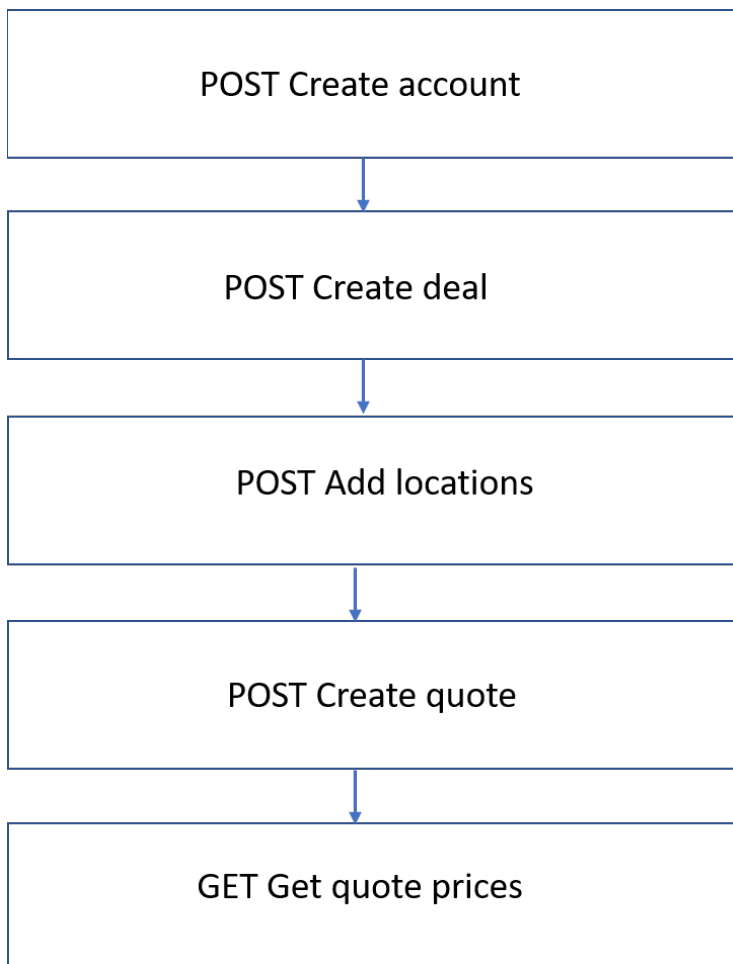
Customer Support

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

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 either retrieve (GET) or update existing accounts, deals, locations, or quotes.



2.0 CPQ V2 Rate Limit Policy

Rate Limit Policy

CPQ v2 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 60 seconds (1 minute).

The following rate limits apply for all remaining CPQ v2 methods:

- Number of calls = 180
- Renewal period = 60 (seconds)
- Increment condition = Any request

3.0 CPQ V2

CPQ V2 APIs

The CPQ V2 APIs include the following:

- [POST Add locations](#)
- [PATCH Change price in quote](#)
- [POST Create account](#)
- [POST Create deal](#)
- [POST Create quote](#)
- [Delete account](#)
- [Delete deal](#)
- [Delete location](#)
- [Get account by id](#)
- [Get accounts list](#)
- [Get deal by id](#)
- [Get deals](#)
- [Get list of quotes](#)
- [Get locations](#)
- [Get quote config](#)
- [Get quote prices](#)
- [Get user's companies](#)
- [Suggest company](#)
- [PATCH Update account](#)
- [PATCH Update deal name](#)
- [PUT Update quote](#)

POST Add Locations

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.

Request URL

https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/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.

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>

Success Response Example

```
{  
  "status": "success"  
}
```

Response Attributes and Data Types

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

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

PATCH Change price in quote

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/{quote_id}/prices/{price_id}?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.
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: • 12 • 24 • 36 • 48 • 60 • MTM
note	No	String to notate reason for change.

Request body
<pre>{ "price": { "mrc": 100, "nrc": 100, "term": 12, "note": " note to indicate reason for change" } }</pre>

Success Response Example

```
{  
  "status": "success"  
}
```

Response Attributes and Data Types

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

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

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.

Request URL
https://api.connected2fiber.com/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.

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 the company.

Request body
<pre>{ "company_name": "Connectbase, Inc", "hq_address": "134 Flanders Rd, Westborough, MA, 01581", "domain": "https://www.connectbase.com", "phone_number": "+15082021807", "contact_name": "Customer Support" }</pre>

```
}
```

Success Response Example

```
{  
  "status": "success",  
  "data": { "account_id": 1234 }  
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
account_id	The system generated Id that is assigned to the newly created account.	int

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

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.

Request URL

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

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

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

Success Response Example
<pre>{ "status": "success", "data": { "deal_id": 5678} }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
deal_id	The system generated Id that is assigned to the newly created deal.	int

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

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.

Rate Limit = 30 calls per minute.

Request URL

[https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes\[?companyId\]](https://api.connected2fiber.com/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.
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.
quote_notes	No	Customer provided notes related to the quote.
media_types	Yes	An array of media types: • Fiber • Coax/HFC • Copper • Wireless – Fixed • Other • Wireless – Mobile • Wireless - Satellite
term	Yes	Length of Term: • 12 • 24 • 36 • 48 • 60 • MTM
channel	Yes	Location of Pricebook: • Default • Wholesale • Enterprise • Channel

Request Body Attributes	Mandatory	Values/Requirements
products	Yes	Array of products (See Appendix A).
speeds	Yes	Array of speeds related to product (See Appendix A).
include_offnet	Yes	Boolean, designates return of data from vendor specific APIs configured at Connectbase account level.

Request body
<pre>{ "quote_name": "Quote name", "quote_notes": "quote notes", "config": { "media_types": ["Fiber", "Coax/HFC"], "term": [12, 24, 36, 48, 60], "channel": "Default",</pre>

```
"products": [  
  "Wavelengths",  
  "Dedicated Internet"  
],  
"speeds": [  
  "Wavelength 1Gig",  
  "ETHERNET 10M",  
  "DS1"  
],  
"include_offnet": true  
}  
}
```

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. • Success • Failed	string
data	object wrapper	object
quote_id	The system generated Id that is assigned to the newly created quote.	int

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Delete account

Requirements and Special Considerations
Only accounts without any active deals can be deleted.
Request URL
https://api.connected2fiber.com/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.

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

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

Delete deal

Requirements and Special Considerations

N/A

Request URL

[https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}\[?companyid\]](https://api.connected2fiber.com/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.

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

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Delete location

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/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.

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

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Get account by id

Requirements and Special Considerations

N/A

Request URL

[https://api.connected2fiber.com/cpq/v2/accounts\[?companyId\]](https://api.connected2fiber.com/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.

Success Response Example

```
{
  "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"
  }]
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
companies	object wrapper	array
id	The unique Connectbase Id that is assigned to the company instance.	int
company_name	The name of the company.	string
createddate	The date in which the account was created.	string
hq_address	The address of the company headquarters.	string
domain	The company's domain URL.	string
phone_number	The main contact phone number for the company.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
rfx_id	A customer provided reference number of an external document that is linked to the deal, such as an RFP.	string
contact_name	The name given as the main contact for the company.	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Get accounts list

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/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.

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. • Success • Failed	string
data	object wrapper	object
companies	object wrapper	array
id	The unique Connectbase Id that is assigned to the company instance.	int
company_name	The name of the company.	string
createddate	The date in which the account was created.	string
hq_address	The address of the company headquarters.	string
domain	The company's domain URL.	string
phone_number	The main contact phone number for the company.	string
rfx_id	A customer provided reference number of an external document that is linked to the deal, such as an RFP.	string
contact_name	The name given as the main contact for the company.	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com"</pre>

```
}
```

Get deal by id

Requirements and Special Considerations

N/A

Request URL

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

Success Response Example

```
{
  "status": "success",
  "data": {
    "deals": [
      {
        "id": 0,
        "deal_name": "test deal",
        "company_name": "Connectbase",
      }
    ]
  }
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
deals	The list of deals associated with the account.	array
id	The system generated unique Id associated with the deal.	int
company_name	The company name.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
deal_name	The name of the deal.	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Get deals

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals?companyId={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.

Success Response Example
<pre>{ "status": "success", "data": { "deals": [{ "id": 0, "deal_name": "API Test", "company_name": "Connectbase", }] } }</pre>

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
deals	The list of deals associated with the account.	array
id	The system generated unique Id associated with the deal.	int
company_name	The company name.	string
deal_name	The name of the deal.	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Get list of quotes

Requirements and Special Considerations
Note: You can find available quote config in Get quote config endpoint.
Request URL
https://api.connected2fiber.com/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.
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.

Success Response Example
<pre>{ "status": "success", "data": { "quotes": [{ "quote_nam_name": null, "quote_cam_name": null, "id": 3456, "quote_name": "Quote Testing", "quote_nam": null, "quote_cam": null, "last_completed_step": 2, "quote_notes": "quote notes", "createddate": "2019-09-26T15:55:32.000Z", }] }</pre>

```

    "modifieddate": "2019-09-26T15:59:18.000Z",
    "quote_identifier": null,
    "quote_expiration_date": "2019-10-27T15:55:32.000Z",
    "quote_number": "444546",
    "email_address": "",
    "entity_name": ""
  }]
}
}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
quotes	Object wrapper for list of quotes	array
quote_nam_name	Where provided, the name of the National Account Manager associated with this quote.	string
quote_cam_name	Where provided, the name of the Customer Account Manager associated with this quote.	string
id	The unique system generated Id used to identify the quote.	int
quote_name	A unique name given to identify the quote.	string
quote_nam	National Account Manager	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
quote_cam	Customer Account Manager	string
last_completed_step	Indicates which phase of the CPQ process flow was completed.	int
quote_notes	Where provided, customer provided notes applicable to the quote.	string
createddate	The date in which the quote was originally created.	string
modified_date	The date in which the quote was last modified.	string
quote_identifier	A unique identifier for the quote.	string
quote_expiration_date	The date in which the quote is set to expire.	string
quote_number	The number associated with this quote.	string
email_address	The contact email for the account.	string
entity_name	The name of the account.	string

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

Get locations

Requirements and Special Considerations

Returns attributes associated with locations attached to deals.

Request URL

[https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/locations\[?companyId\]](https://api.connected2fiber.com/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.

Success Response Example

```
{
  "status": "success",
  "data": {
    "locations": [{
      "address": "1961 Chain Bridge Rd",
      "building_competitive_rating": "",
      "building_connection_status": "",
      "city": "McLean",
      "country_code": "USA",
      "favorite_notes": "",
      "fullAddress": "1961 Chain Bridge Rd, McLean, VA, USA",
      "global_location_id": "US87C4WQ9H+3JMBS00",
      "id": 3452186,
      "latitude": "38.917929",
      "longitude": "-77.222342",
      "media_type": "",
      "network_connection_status": "",
      "nni_locations": [],
      "provider": "",
      "siteCategory": "test category",
      "siteId": "test id",
      "siteName": "test name",
      "state": "VA",
      "unique_key": "",
      "valid_address": 1,
      "zip": "22102"
    }, {
      "address": "3441 W Sahara Ave",
      "building_competitive_rating": "",
      "building_connection_status": "",
      "city": "Las Vegas",
      "country_code": "USA",
      "secondaryDesignator": "",
      "secondaryNumber": "",
      "favorite_notes": "",
      "fullAddress": "3441 W Sahara Ave, Las Vegas, NV, USA",
      "global_location_id": "US85864RV7+83RPS00",
      "id": 3452187,
      "latitude": "36.143427",
      "longitude": "-115.187428",
      "media_type": "",
      "network_connection_status": "",
      "nni_locations": [],
      "provider": "",
      "siteCategory": "",
      "siteId": "",
      "siteName": "",
      "state": "NV",
      "unique_key": "",
      "valid_address": 1,
    }
  ]
}
```



```

    "zip": "89102"
  }
}

```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
locations	Object wrapper for list of locations.	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
global_location_id	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
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
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

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
siteName	Customer provided site name	string
favorite_notes	Optional, customer provided notes	string
valid_address	Complete valid address for the location (street, city, state, zip, country)	int
building_competitive_rating	Competitive Ratings data helps you to better understand the competitive landscape and more effectively price services. Options include: Green – There is no other competitive provider at this location other than the customer’s own network, the LEC or the cableco. Yellow – A single competitive provider is present at this location. Red – Two or more competitor providers are present, in addition to the LEC or cableco at this location.	string
media_type	The medium used for connectivity to the building or specified location. Range of valid values: • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
network_connection_status	A metric to identify the build status of a carrier's network in a building. • Connected • In Progress • Not Connected • Planned • Prospect	string
nni_locations	Addresses of the network-to-network interfaces for the provider.	array
building_connection_status	A metric used to identify the connectivity status of fiber-connected buildings. Range of valid values: • Near Net • OffNet • On Net-Limited Access • OnNet • Prospect	string

Error Response Example

```
{  
  "status": "fail",  
  "message": "Something went wrong, please try again later. If the problem  
persists, please contact support@connectbase.com"  
}
```

Get quote config

Requirements and Special Considerations

Returns quote configuration values.

Request URL

[https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/config\[?companyId\]](https://api.connected2fiber.com/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.

Success Response Example

```
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", "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"]
}, {
    "product": "Dark Fiber",
    "speeds": ["Dark Fiber Pair IRU", "Dark Fiber Pair Lease"]
}, {
    "product": "MPLS",
    "speeds": ["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”]

```

```

}, {

```

```

    “product”: “Dedicated Internet”,

```

```

        “speeds”: [“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 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”]

```

```

}, {

```

```

    “product”: “Broadband”,

```

```

        “speeds”: [“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", "16/25", "16/35", "2/1.5", "20/15", "200/5",
 "25/15", "25/25", "250/5", "26/75", "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",
 "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", "156/15", "175/15",
 "175/25", "18/1.5", "16/115", "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/.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", "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",
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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”]

    }]

}

}

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
quotes	Object wrapper for list of quotes	array
quote_nam_name	Where provided, the name of the National Account Manager associated with this quote.	string
quote_cam_name	Where provided, the name of the Customer Account Manager associated with this quote.	string
id	The unique system generated Id used to identify the quote.	int
quote_name	A unique name given to identify the quote.	string
quote_nam	National Account Manager	string
quote_cam	Customer Account Manager	string
last_completed_step	Indicates which phase of the CPQ process flow was completed.	int
quote_notes	Where provided, customer provided notes applicable to the quote.	string
createddate	The date in which the quote was originally created.	string
modified_date	The date in which the quote was last modified.	string
quote_identifier	A unique identifier for the quote.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
quote_expiration_date	The date in which the quote is set to expire.	string
quote_number	The number associated with this quote.	string
email_address	The contact email for the account.	string
entity_name	The name of the account.	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Get quote prices

Requirements and Special Considerations
Pricing is returned when progress reaches 100 percent. Responses on Get quote prices are cached for 300s.
Request URL
https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/{quote_id}/prices?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.
quote_id	int	The unique id for the quote.
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.

Success Response Example
<pre>{ "status": "success", "data": { "progress": 100, "pricing_status": { "quoteId": 210452, "transactionStatus": "Complete", "numberOfExternalSupplierAPIs": 2, "numberOfExternalSupplierAPIsCompleted": 2, "numberOfInternalSupplierAPIs": 239, "numberOfInternalSupplierAPIsCompleted": 239, "numberOfRateCards": 0, </pre>

```

    "numberOfRateCardsCompleted": 0,

    "externalApiStatuses": {
        "SPECTRUM": "Success",
        "AT&T": "Success"
    },

    "externalApiProgresses": {
        "SPECTRUM": 100,
        "AT&T": 100
    }
},

"prices": [{
    "id": 57586536,
    "term": "12",
    "location_id": 7315184,
    "note": "globalLocationId = 00000AZMXJ, insideWireRecommendedCode = Z,
taxGeoCode = 0144453015000, transportType = Broadband II FTTB-F FTTB-C",
    "product_name": "100M100M",
    "mrc": 60,
    "nrc": 100,
    "status": "Pricing generated from AT&T HSIA-E API",
    "is_preferred_supplier": 0,
    "provider": "AT&T",
    "address": "11501 Domain Dr",
    "city": "Austin",
    "state": "TX",
    "zip": "78758",
    "addressValid": 1,

```

```

    "latitude": "30.401345",
    "longitude": "-97.724162",
    "unique_key": "AF43-2332-1240353298",
    "country_code": "USA",
    "secondaryDesignator": "",
    "secondaryNumber": "",
    "global_location_id": "US8624C72H+88WPS00",
    "product": "Broadband",
    "speed": "100/100",
    "media_type": "Fiber",
    "net_status": "Connected",
    "bldg_status": "OnNet",
    "catalog": "Default",
    "pricing_type": "END USER",
    "base_currency": "USD",
    "quote_currency": "USD"
  }, {

```

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string
data	object wrapper	object
progress	Indicates the progress of the API; i.e, In Progress; Completed.	int

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
prices	object wrapper for an array of returned prices.	array
term	The term specified for pricing, such as 12M, 24M, 36M, etc.	string
id	Indicates the length of the quote in months.	int
location_id	A numeric representation of a unique location.	int
note	Generic or system generated notes associated with the solution.	string
nni_location	An address of the network-to-network interface for the provider.	string
provider	The name of the service supplier.	string
product_name	The name of the product or service.	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
addressValid	Indicates if the address has been validated.	
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.	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
	-90 to +90 Default coordinate system is WGS1984.	
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
unique_key	The unique building ID as indicated in the Connectbase platform.	string
global_location_id	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string
country_code	Indicates the country in which the building resides in ISO-3 format, such as USA.	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
product	The default product name as stored in the Connectbase platform, such as Broadband, Ethernet – Switched, Dedicated Internet, etc.	string
global_location_id	A Connectbase 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
speed	The requested speed as indicated in the Create Quote process.	string
media_type	The access medium used for connectivity to the building or specified location. Range of valid values: • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless - Satellite • Other	string
net_status	A metric to identify the build status of a carrier's network in a building. Range of valid values: • Connected • In Progress • Not Connected • Planned • Prospect	string
bldg_status	A metric used to identify the connectivity status of fiber-connected buildings. Range of valid values: • Near Net • OffNet • On Net–Limited Access • OnNet	string

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
	Prospect	
status	Indicates the source of data. For example, "Pricing generated from Spectrum Charter SMB API".	string
catalog	Default, Wholesale, Enterprise, or Channel.	string
pricing_type	Identifies the location type for P2P pricing zones.	string
base_currency	The currency in which a customer is buying the service, associated to Suppliers, such as USD. (Note: This field was previously named "Currency Name").	string
quote_currency	The currency in which a customer is selling the service, such as USD, associated to a Billing Account or Account.	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Get user's companies

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/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.

Success Response Example
<pre>{ "data": { "companies": [{ "id": 123, "name": "Blue Ocean" }] }, "status": "success" }</pre>

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

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

Suggest company

Requirements and Special Considerations

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

Request URL

<https://api.connected2fiber.com/cpq/v2/companies/verify?companyName={company Name}>

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.

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. • Success • Failed	string
data	object wrapper	object
companies	array wrapper	array

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

PATCH Update account

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/cpq/v2/accounts/{account_id}?companyId={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.

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

```
"contact_name": "Customer Success"
}
```

Success Response Example

```
{
  "status": "success"
}
```

Response Attributes and Data Types

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

Error Response Example

```
{
  "status": "fail",
  "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com"
}
```

PATCH Update deal name

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}?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
deal_name	Yes	String name of deal.

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

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

Response Attributes and Data Types		
Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion. • Success • Failed	string

Error Response Example
<pre>{ "status": "fail", "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com" }</pre>

PUT Update quote

Requirements and Special Considerations
N/A

Request URL
https://api.connected2fiber.com/cpq/v2/accounts/{account_id}/deals/{deal_id}/quotes/{quote_id}?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.
quote_id	int	A unique identifier for the quote.
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	String
quote_notes	Yes	String

Request body

```
{
  "quote_name": "Quote name",
  "quote_notes": "new notes"
}
```

Success Response Example

```
{
  "status": "success"
}
```

Response Attributes and Data Types

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

Error Response Example

```
{
  "status": "fail",
  "message": "Something went wrong, please try again later. If the problem persists, please contact support@connectbase.com"
}
```

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"]

Product	Speeds
Dedicated Internet	["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 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",

Product	Speeds
	“DS1”, “12 NxDS1”, “3.0 NxDS1”, “4.5 NxDS1”, “6.0 NxDS1”, “7.5 NxDS1”, “9.0 NxDS1”, “10.5 NxDS1”]
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”,

Product	Speeds
	“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”, “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”,

Product	Speeds
	“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”, “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”,

Product	Speeds
	“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”, “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”,

Product	Speeds
	“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 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”,

Product	Speeds
	“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 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

Product	Speeds
	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 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",

Product	Speeds
	“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”, “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”]
Ethernet - Switched w/COS2	[“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”,

Product	Speeds
	“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”, “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”]
Ethernet - Dedicated COS1	[“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”,

Product	Speeds
	“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”, “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”]
Ethernet - Dedicated COS2	[“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”,

Product	Speeds
	“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”, “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”]

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

Country	Alpha-3 code
Belarus	BLR
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

Country	Alpha-3 code
Chile	CHL
China	CHN
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

Country	Alpha-3 code
Eritrea	ERI
Estonia	EST
Eswatini	SWZ
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

Country	Alpha-3 code
Guernsey	GGY
Guinea	GIN
Guinea-Bissau	GNB
Guyana	GUY
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

Country	Alpha-3 code
Kenya	KEN
Kiribati	KIR
Korea (the Democratic People”s Republic of)	PRK
Korea (the Republic of)	KOR
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

Country	Alpha-3 code
Martinique	MTQ
Mauritania	MRT
Mauritius	MUS
Mayotte	MYT
Mexico	MEX
Micronesia (Federated States of)	FSM
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

Country	Alpha-3 code
Norfolk Island	NFK
Northern Mariana Islands (the)	MNP
Norway	NOR
Oman	OMN
Pakistan	PAK
Palau	PLW
Palestine, State of	PSE
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

Country	Alpha-3 code
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
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

Country	Alpha-3 code
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
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

Country	Alpha-3 code
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
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	դր	Armenian Dram	Armenia
AOA	Kz	Kwanza	Angola
ARS	\$	Argentine Peso	Argentina
AUD	\$	Australian Dollar	Australia
			Kiribati
			Coconut Islands
			Nauru
			Tuvalu
AWG	f	Aruban Guilder/Florin	Aruba
AZN	ман	Azerbaijani Manat	Azerbaijan
BAM	KM	Konvertibilna Marka	Bosnia and Herzegovina
BBD	\$	Barbados Dollar	Barbados
BDT	টাকা	Taka	Bangladesh
BGN	лв	Bulgarian Lev	Bulgaria
BHD	ب.د.	Bahraini Dinar	Bahrain
BIF	₣	Burundi Franc	Burundi
BMD	\$	Bermudian Dollar	Bermuda
BND	\$	Brunei Dollar	Brunei
			Singapore

Currency	Symbol	Name	Country
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	₣	Congolese Franc	Congo (Kinshasa)
CHF	₣	Swiss Franc	Lichtenstein
			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
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

Currency	Symbol	Name	Country
ETB		Ethiopian Birr	Ethiopia
EUR	€	Euro	Akrotiri and Dhekelia
			Andorra
			Austria
			Belgium
			Cyprus
			Estonia
			Finland
			France
			Germany
			Greece
			Ireland
			Italy
			Kosovo
			Latvia
			Lithuania
			Luxembourg
			Malta
			Monaco
			Montenegro
			Netherlands
			Portugal
			San-Marino
			Slovakia

Currency	Symbol	Name	Country
			Slovenia
			Spain
			Vatican
FJD	\$	Fiji Dollar	Fiji
FKP	£	Falkland Islands Pound	Falkland Islands
GBP	£	Pound Sterling	Alderney
			British Indian Ocean Territory
			Great Britain
			Isle of Maine
GEL	ლ	Lari	Georgia
			South Ossetia
GHS	¢	Cedi	Ghana
GIP	£	Gibraltar Pound	Gibraltar
GMD	D	Dalasi	Gambia
GNF	₣	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
ILS	₪	New Israeli Shekel	Israel

Currency	Symbol	Name	Country
			Palestine
INR	₹	Indian Rupee	Bhutan
			India
IQD	د.ع	Iraqi Dinar	Iraq
IRR	ریال	Iranian Rial	Iran
ISK	Kr	Iceland Krona	Iceland
JMD	\$	Jamaican Dollar	Jamaica
JOD	ا.د	Jordanian Dinar	Jordan
JPY	¥	Yen	Japan
KES	Sh	Kenyan Shilling	Kenya
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	د.م.	Moroccan Dirham	Morocco

Currency	Symbol	Name	Country
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
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
NZD	\$	New Zealand Dollar	Cook Islands
			New Zealand
			Niue
			Pitcairn Island
OMR	ر.ع.و	Rial Omani	Oman
PAB	B/.	Balboa	Panama

Currency	Symbol	Name	Country
PEN	S/.	Nuevo Sol	Peru
PGK	K	Kina	Papua New Guinea
PHP	₱	Philippine Peso	Philippines
PKR	Rs	Pakistan Rupee	Pakistan
PLN	zł	PZłoty	Poland
PYG	₲	Guarani	Paraguay
QAR	ر.ق	Qatari Rial	Qatar
RON	L	Leu	Romania
RSD	din	Serbian Dinar	Kosovo
			Serbia
RUB	p.	Russian Ruble	Russia
			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
SGD	\$	Singapore Dollar	Brunei
			Singapore
SHP	£	Saint Helena Pound	Ascension Island
			Saint Helena
			Tristan da Cunha
SLL	Le	Leone	Sierra Leone

Currency	Symbol	Name	Country
SOS	Sh	Somali Shilling	Somalia
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\$	Paʻanga	Tonga
TRY	£	Turkish Lira	North Cyprus
			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
USD	\$	US Dollar	American Samoa
			British Indian Ocean Territory
			British Virgin Islands
			Guam
			Haiti
			Marshall Islands
			Micronesia

Currency	Symbol	Name	Country
			Northern Mariana Islands
			Pacific Remote islands
			Palau
			Panama
			Puerto Rico
			Turks and Caicos Islands
			United States of America
			US Virgin Islands
UYU	\$	Peso Uruguayo	Uruguay
UZS		Uzbekistan Sum	Uzbekistan
VEF	Bs F	Bolivar Fuerte	Venezuela
VND	₫	Dong	Vietnam
VUV	Vt	Vatu	Vanuatu
WST	T	Tala	Samoa
XAF	₣	CFA Franc BCEAO	Benin
			Burkina Faso
			Cameroon
			Central African Republic
			Chad
			Congo (Brazzaville)
			Côte d'Ivoire
			Equatorial Guinea
			Gabon
			Guinea-Bissau

Currency	Symbol	Name	Country
			Mali
			Niger
			Senegal
			Togo
XCD	\$	East Caribbean Dollar	Anguilla
			Antigua and Barbuda
			Dominica
			Grenada
			Montserrat
			Saint Kitts and Nevis
			Saint Lucia
			Saint Vincent and Grenadine
XPF	₣	CFP Franc	French Polynesia
			New Caledonia
			Wallis and Futuna
YER	ريال	Yemeni Rial	Yemen
ZAR	R	Rand	Lesotho
			Namibia
			South Africa
ZMW	ZK	Zambian Kwacha	Zambia

Appendix D – Revision History

Revision	Date	Description
00	September 30, 2019	This is the initial release of this document.
01	October 03, 2019	Revised references to Network Data APIs to Network Intelligence APIs to reflect product name change.
02	January 09, 2020	Added the following calls: • account by id • Get deal by id
03	July 06, 2020	Added CPQ Order of Operations Workflow
04	December 09, 2020	Post Create Quote, updated the products and speeds; added Ethernet -Switched w/COS, Ethernet – Switched w/ COS2, Ethernet – Dedicated COS1, and Ethernet – Dedicated COS2.
05	January 15, 2021	Updated Requirements and Special Considerations and added pricing status to example JSON response of Quote Prices.
06	March 08, 2021	• Moved Order of Operations to Section 1.0. • Moved CPQ V1 to Section 2.0. • Added Section 3.0 “CPQ V2”. This update is to the POST All locations API, which added siteId, siteCategory, and siteName to the request body attributes. This change also required replacement of some response examples to include these new parameters. • Moved Products and Speeds to Appendix A.
07	June 24, 2021	• Added Appendix B “Country Codes” and Appendix C “Currency Codes”
08	August 05, 2021	• Updated Appendix A “Products and Speeds”.

Revision	Date	Description
09	November 11, 2021	Updated Appendix A “Products and Speeds”.
10	January 10, 2011	Changed Products & Speeds from single quotes to double quotes, which is the most common usage in the APIs.
	February 01, 2022	Rebranded the document template with a new title page, company name, logo, and updated fonts.
11	March 01, 2022	The following API has been deprecated from the developer portal: CPQ API, v1
12	September 12, 2022	Added Secondary Designator and Secondary Number to Get locations and Get quote prices
13	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.
14	December 27, 2022	Added new section “ Rate Limit Policy ”