Connected World Availability API Reference Guide

Revision 09

Table of Contents

About This Guide

Introduction

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

Accessing the Portal

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

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

Related Documentation

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

- Address Autocomplete API Reference Guide
- Address Validation API Reference Guide
- Advanced CPQ API Reference Guide
- Building Competitive Rating API Reference Guide
- Connectbase Developer Portal Overview Guide
- Connected World 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 API Reference Guide
- CPQ Components Management API Reference Guide
- Demand Engine API Reference Guide
- Geocode API Reference Guide
- International Processor API Reference Guide
- Locations Intelligence API Reference Guide
- Network Intelligence API Reference Guide
- Network Path API Reference Guide
- NNI Management API Reference Guide
- Rate Card Management API Reference Guide
- Route Management API Reference Guide
- Tenant API Reference Guide

Acronym List

This document uses the following acronyms.

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

Customer Support Desk (CSD) Portal

If you require technical assistance or wish to report an issue to the Connectbase Support team, please log into the Connectbase Customer Support portal at *https://support.connectbase.com* and log a ticket.

For other general information, you can contact Customer Support 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.

About Availability APIs V5

The Connected World Availability product provides a set of APIs that enable a provider to share information with their partner(s) about their buildings and the products and services they offer at those buildings.

The Connected World Availability v5 APIs include:

- *GET companies*
- *GET companies/{companyId}*
- *GET companies/{companyId}/locations*
- *GET companies/{companyId}/locations/{locationid}*
- *GET companies/{companyId}/locations/{locationid}/products*
- *GET companies/{companyId}/locations/{locationid}/products/{productid}*
- *GET companies/{companyId}/products*
- *GET companies/{companyId}/products/{product}*
- *POST getAccessAvailability*
- *POST getEthernetAvailability*
- *GET locations/{locationid}/products/{productName}/providers*

Rate Limit

Following rate limit applies to each respective endpoint for Availability API V5:

Endpoint	Calls/Min
companies	180
companies/{companyid}	180
companies/{companyid}/locations	180
companies/{companyid}/locations/{locationid}	180
companies/{companyid}/locations/{locationid}/products	60
companies/{companyid}/locations/{locationid}/products/{productid}	180
companies/{companyid}/products	180
companies/{companyid}/products/{product}	180
getAccessAvailability	300
getEthernetAvailability	300

ConnectedWorld Availability v5 APIs

GET companies

This API call is used to retrieve a list of companies and associated company metadata, based on the API user's access.

Requirements and Special Considerations
This API call has no required input other than the appropriate subscription key.

Request URL
https://api.connected2fiber.com/availability/v5/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

```
{"status": "success",
  "body": [{
    "company_id": 123,
    "company_name": "Connectbase",
    "company_phone_number": "508-202-1807",
    "company_phone_number_secondary": "",
    "company_contact_email": "support@connectbase.com",
    "company_contact": "Support"
  }]
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_phone_number_secondary	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string

Error Response Example

```
{
   "statusCode": 401,
```

Error Response Example

``json
   "message": "Access denied due to invalid subscription key. Make sure to provide a valid
key for an active subscription."
}
``

GET companies/{companyId}

This call is used to get metadata about a specific company, based on the API user's access.

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

Request URL
https://api.connected2fiber.com/availability/v5/companies/{companyId}

Request parameters	Characteristic	Description/Requirements
companyId	int	The company ID of the company's buildings you wish to view.

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

``json
{"status": "success",
  "body": [{
    "company_id": 123,
    "company_name": "Connectbase",
    "company_phone_number": "508-202-1807",
    "company_phone_number_secondary": "",
    "company_contact_email": "support@connectbase.com",
    "company_contact": "Support"
  }]
}
``

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_phone_number_secondary	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string

Response Attribute	Attribute Description	Data Type
company_contact	The name of the company contact.	string

Error Response Example

```
{
  "statusCode": 401,
  "message": "Access denied due to invalid subscription key. Make sure to provide a valid
key for an active subscription."
}
```

GET companies/{companyId}/locations

This call is used to get a list of locations (buildings) associated with a specific company.

Requirements and Special Considerations

This API call requires the company ID and subscription key. Additional optional parameters may be issued to refine your search. For example, you can use the Limit option to limit the number of buildings returned in the response. Support added for string matching and lat/long searching.

Request URL

https://api.connected2fiber.com/availability/v5/companies/{companyId}/locations[? limit][&page][&sort]

Request parameters	Characteristic	Description/Requirements
companyId	int	The company ID of the company's buildings you wish to view
limit (optional)	int	Limits the amount of buildings returned. Default is 1.
page (optional)	int	Gives next page of results when using limit or using default 25 limit. Pages start at 1.
sort (optional)	string	The type of building property to be sorted on.
address (optional)	string	The address of a target location.
city (optional)	string	The city of a target location.
state	string	The state of a target location.
country	string	The country of a target location.
zipcode	string	The zip code of a target location.
freeFormAddress	string	String input to be matched against data.
lat	float	Latitude value. For best results conform to six decimal places.
lon	float	Longitude value. For best results, conform to six decimal places.
radius	int	Radius value of lat/lon search measured in feet. Default is 2000.

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

```json
{
  "status": "success",
  "body": [{
    "company_id": 910,
    "company_name": "testpricing1",
    "company_phone_number": "",
    "company_secondary_phone_number": "",
    "company_contact_email": "",
    "company_contact": "",
    "media_types_restricted": "",
    "products_restricted": "",
    "building_connection_status_restricted": "",
    "network_build_status_restricted": "",
    "categories_restricted": "",
    "countries_allowed": "",
    "locations": [{
      "building_id": "OZ99-910-193490899",
      "building_name": "Test Building15",
      "building_description": "",
      "building_network_build_status": "Not Connected",
      "building_demarc_code": 0,
      "building_clli_code": "ABVLALXA",
      "building_connection_status": "Near Net",
      "Last Mile Provider": "Zayo"
      "building_install_interval": "",
      "building_access_medium": "Fiber",
      "comcast_pricing_zone": "",
      "indatel_pricing_zone": "",
      "centurylink_pricing_zone": "",
      "sprint_pricing_zone": "",
      "verizon_pricing_zone": "",
      "att_pricing_zone": "",
      "custom_pricing_zone": "",
      "pricing_zone": "",
      "address_information": {
        "latitude": "31.559407",
        "longitude": "-85.22297",
        "global_location_id": "",
        "elevation": "",
        "primary_number": "1508",
        "street_address": "1508 Test Rd",
        "streetname": "Test",
        "street_predirection": "",
        "street_postdirection": "",
        "street_suffix": "Rd",
        "city": "Abbeville",
        "state": "AL",
        "zipcode": "",
        "county": "Henry",
        "country": "USA",
        "distance": 0
      }
    }]
  }]
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_secondary_phone_number	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string
locations	Object wrapper	array
building_id	The unique building ID as indicated in the Connectbase platform.	string
building_name	The name/address assigned to the building location.	string
building_description	The type of building, for example, Commercial, Residential, etc.	string
building_network_build_status	A metric to identify the build status of a carrier's network in a building. • Connected • In Progress • Not Connected • Planned • Prospect	string
building_demarc_code	Demarcation point is sometimes abbreviated as demarc, DMARC, or similar. The demarcation point varies between countries. The term MPOE (minimum or main point of entry) is synonymous, with the added implication that it occurs as soon as possible upon entering the customer premises.	string
building_clli	Common Language Information Services Identifier (CLLI), used to identify the building location. Network Site codes are typically used to identify building locations, specific to an address. First four characters represent a geographical code, the fifth and sixth characters represent a geopolitical code. The remaining two characters are uniquely assigned by iconectiv® to identify the building location.	string

Response Attribute	Attribute Description	Data Type
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
last mile provider	Last mile provider name	string
building_install_interval	The timeframe for installation that is quoted by the provider to the customer.	int
building_access_medium	The medium used for connectivity to the building or specified location. • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	array
comcast_pricing_zone	The pricing zone for Comcast services	string
indatel_pricing_zone	The pricing zone for Indatel services	string
centurylink_pricing_zone	The pricing zone for CenturyLink services	string
sprint_pricing_zone	The pricing zone for Sprint services.	string
verizon_pricing_zone	The pricing zone for Verizon services.	string
att_pricing_zone	The pricing zone for AT&T services.	string
custom_pricing_zone	Any custom pricing zone added to the customer instance.	string
pricing_zone	Geographic types for P2P pricing that tie to underlying service providers cost or to compensate for large stretches of geographic areas that are connected.	string
address_information	Object wrapper	object
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	string

Response Attribute	Attribute Description	Data Type
	of a celestial object, usually expressed in degrees and minutes. -180 to +180 Default coordinate system is WGS1984	
global_location_id	A Connectbase proprietary ID system that provides a unique identification code for every location within the seven continents.	string
elevation	The terrain elevation.	float
primary_number	Primary address information such as the building number in a street address.	int
street_address	The full address name of the street where the building or specified location resides, not including Address2 fields.	string
streetname	The name of the street in which the location resides.	string
street_predirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the left of (before) the street name such as E HOOVER ST.	string
street_postdirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the right of (after) the street name such as BAY DRIVE W.	string
street_suffix	Identifies the type of roadway in abbreviated format, such as St., Blvd., etc.	string
city	The name of the city where the building or specified location resides.	string
state	The standard US Postal Service Abbreviation or full state name where the building or specified location resides.	string
zipcode	The zip code where the building or specified location resides.	string
county	The name of the county where the building or specified location resides.	string
country	The name of the country where the building or specified location resides.	string
distance	Identifies buildings within a certain distance range for Near Net analysis. • 0 – 500 feet • 501 - 1000 feet • 1001 - 1500 feet • 1501+ feet	float

GET companies/{companyId}/locations/{locationid}

This call is used to retrieve metadata about a specific location (building) associated with a specific company.

Requirements and Special Considerations

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

Request URL

https://api.connected2fiber.com/availability/v5/companies/{companyId}/locations/{locationid}

Request parameters	Characteristic	Description/Requirements
companyId	int	The company ID that identifies the building for retrieval of building information
locationid	string	This number can either be the building ID retrieved through the previous API call, address, or a correctly formatted address key.

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",
  "body": [{
    "company_id": 910,
    "company_name": "testpricing1",
    "company_phone_number": "",
    "company_phone_number_secondary": "",
    "company_contact_email": "",
    "company_contact": "",
    "locations": [{
      "building_id": "OZ99-910-191811544",
      "building_name": "105 N Arney Rd",
      "building_description": "Commercial Building",
      "building_category": "",
      "building_network_build_status": "Not Connected",
      "building_demarc_code": "",
      "building_clli_code": "WDBNOR59",
      "building_connection_status": "Near Net",
      "Last Mile Provider": "Zayo"
      "building_install_interval": "",
      "building_access_medium": "",
```

Success Response Example

```
    "pricing_zone": "",
    "wave_zone": "",
    "comcast_pricing_zone": "1",
    "indatel_pricing_zone": "2",
    "centurylink_pricing_zone": "9",
    "sprint_pricing_zone": "4",
    "verizon_pricing_zone": "",
    "att_pricing_zone": "6",
    "custom_pricing_zone": "",
    "address_information": {
      "latitude": "45.151967",
      "longitude": "-122.885426",
      "global_location_id": "US84QV5427+QRPPB",
      "elevation": "",
      "primary_number": "105",
      "street_address": "105 Arney Rd",
      "streetname": "Arney",
      "street_predirection": "",
      "street_postdirection": "",
      "street_suffix": "Rd",
      "city": "Woodburn",
      "state": "OR",
      "zipcode": "97071",
      "county": "",
      "country": "USA"
    }
  }]
 }]
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_secondary_phone_number	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string
locations	Object wrapper	array
building_id	The unique building ID as indicated in the Connectbase platform.	string
building_name	The name/address assigned to the building location.	string
building_description	The type of building, for example, Commercial, Residential, etc.	string
building_category	The type of building, for example, Commercial, Residential, etc.	string
building_network_build_status	A metric to identify the build status of a carrier's network in a building.	string

Response Attribute	Attribute Description	Data Type
	• Connected • In Progress • Not Connected • Planned • Prospect	
building_demarc_code	Demarcation point is sometimes abbreviated as demarc, DMARC, or similar. The demarcation point varies between countries. The term MPOE (minimum or main point of entry) is synonymous, with the added implication that it occurs as soon as possible upon entering the customer premises.	string
building_clli	Common Language Information Services Identifier (CLLI), used to identify the building location. Network Site codes are typically used to identify building locations, specific to an address. First four characters represent a geographical code, the fifth and sixth characters represent a geopolitical code. The remaining two characters are uniquely assigned by iconectiv® to identify the building location.	string
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
last mile provider	Last Mile Provider Name	string
building_install_interval	The timeframe for installation that is quoted by the provider to the customer.	int
building_access_medium	The medium used for connectivity to the building or specified location. • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	array

Response Attribute	Attribute Description	Data Type
comcast_pricing_zone	The pricing zone for Comcast services	string
indatel_pricing_zone	The pricing zone for Indatel services	string
centurylink_pricing_zone	The pricing zone for CenturyLink services	string
sprint_pricing_zone	The pricing zone for Sprint services.	string
verizon_pricing_zone	The pricing zone for Verizon services.	string
att_pricing_zone	The pricing zone for AT&T services.	string
custom_pricing_zone	Any custom pricing zone added to the customer instance.	string
pricing_zone	Geographic types for P2P pricing that tie to underlying service providers cost or to compensate for large stretches of geographic areas that are connected.	string
address_information	Object wrapper	object
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
global_location_id	A Connectbase proprietary ID system that provides a unique identification code for every location within the seven continents.	string
elevation	The terrain elevation.	float
primary_number	Primary address information such as the building number in a street address.	int
street_address	The full address name of the street where the building or specified location resides, not including Address2 fields.	string
streetname	The name of the street in which the location resides.	string
street_predirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the left of (before) the street name such as E HOOVER ST.	string

Response Attribute	Attribute Description	Data Type
street_postdirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the right of (after) the street name such as BAY DRIVE W.	string
street_suffix	Identifies the type of roadway in abbreviated format, such as St., Blvd., etc.	string
city	The name of the city where the building or specified location resides.	string
state	The standard US Postal Service Abbreviation or full state name where the building or specified location resides.	string
zipcode	The zip code where the building or specified location resides.	string
county	The name of the county where the building or specified location resides.	string
country	The name of the country where the building or specified location resides.	string

---

Error Response Example

```
{
  "status": "failed",
  "error": "The requested company id is not authorized for this api user"
}
```

GET companies/{companyId}/locations/{locationid} / products

Issue this call to retrieve a list of products and prices for a specific location (building) associated with a specific company.

Requirements and Special Considerations

This API call requires the company ID, location ID and subscription key. Additional optional parameters may be issued to refine your search. For example, you can use the Limit option to limit the number of results returned in the response.

Request URL

https://api.connected2fiber.com/availability/v5/companies/{companyId}/locations/{locationid}/products[?limit][&page][&sort]

Request parameters	Characteristic	Description/Requirements
companyid	int	The company ID of the company's buildings you wish to view.
locationid	string	Either the building ID retrieved through the previous API call, address, or correctly formatted address key

Request parameters	Characteristic	Description/Requirements
Limit (optional)	int	Limits the amount of results returned. Default = 25)
page (optional)	int	Sets the page of results to be returned when using limit
sort (optional)	string	Sorts the products by a specific field

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

```json
  {
"status": "success",
"body": [{
  "company_id": 910,
  "company_name": "testpricing1",
  "company_phone_number": "",
  "company_phone_number_secondary": "",
  "company_contact_email": "",
  "company_contact": "",
  "locations": [{
    "building_id": "OZ99-910-191811544",
    "building_name": "105 N Arney Rd",
    "building_description": "",
    "building_category": "Commercial Building",
    "building_network_build_status": "Not Connected",
    "building_demarc_code": "",
    "building_clli_code": "WDBNOR59",
    "building_connection_status": "Near Net",
    "Last Mile Provider": "Zayo"
    "building_install_interval": "",
    "building_access_medium": "",
    "pricing_zone": "",
    "wave_zone": "5",
    "comcast_pricing_zone": "1",
    "indatel_pricing_zone": "2",
    "centurylink_pricing_zone": "9",
    "sprint_pricing_zone": "4",
    "verizon_pricing_zone": "",
    "att_pricing_zone": "6",
    "custom_pricing_zone": "",
    "address_information": {
      "latitude": "45.151967",
      "longitude": "-122.885426",
      "global_location_id": "US84QV5427+QRPPB",
      "elevation": "0",
      "primary_number": "105",
      "street_address": "105 Arney Rd",
      "streetname": "Arney",
      "street_predirection": "",
      "street_postdirection": "",
      "street_suffix": "Rd",
      "city": "Woodburn",
      "state": "OR",
      "zipcode": "97071",
      "county": "",
      "country": "USA"
    },
    "products": [{
```

```json
    "access_medium": null,
    "product_id": 1,
    "service_name": "SONET/TDM",
    "transmission_rate": "DS1",
    "pricing_channel": 1,
    "currency": "USD",
    "mrc_12m": "4.00",
    "mrc_24m": "4.00",
    "mrc_36m": "",
    "mrc_48m": "",
    "mrc_60m": "",
    "mrc_84m": "",
    "mrc_120m": "",
    "mrc_240m": "",
    "mm_mrc": "",
    "nrc_12m": "4.00",
    "nrc_24m": "",
    "nrc_36m": "",
    "nrc_48m": "",
    "nrc_60m": "",
    "nrc_84m": "",
    "nrc_120m": "",
    "nrc_240m": "",
    "mm_nrc": ""
}, {
    "access_medium": null,
    "product_id": 1,
    "service_name": "SONET/TDM",
    "transmission_rate": "DS0",
    "pricing_channel": 1,
    "currency": "USD",
    "mrc_12m": "",
    "mrc_24m": "1.00",
    "mrc_36m": "36.36",
    "mrc_48m": "",
    "mrc_60m": "",
    "mrc_84m": "",
    "mrc_120m": "",
    "mrc_240m": "",
    "mm_mrc": "",
    "nrc_12m": "9.00",
    "nrc_24m": "1.00",
    "nrc_36m": "",
    "nrc_48m": "",
    "nrc_60m": "",
    "nrc_84m": "",
    "nrc_120m": "",
    "nrc_240m": "",
    "mm_nrc": ""
}, {
    "access_medium": null,
    "product_id": 7,
    "service_name": "Broadband",
    "transmission_rate": "1/7",
    "pricing_channel": 1,
    "currency": "USD",
    "mrc_12m": "210.00",
    "mrc_24m": "300.00",
    "mrc_36m": "",
    "mrc_48m": "",
    "mrc_60m": "",
    "mrc_84m": "",
    "mrc_120m": "",
    "mrc_240m": "",
    "mm_mrc": "",
    "nrc_12m": "255.00",
    "nrc_24m": "315.00",
    "nrc_36m": "",
```

Success Response Example
| ```
        "nrc_48m": "",
        "nrc_60m": "",
        "nrc_84m": "",
        "nrc_120m": "",
        "nrc_240m": "",
        "mm_nrc": "",
        "downloadSpeed": 1,
        "uploadSpeed": 7
      }]
    }]
  }]
}
``` |

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_secondary_phone_number	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string
locations	Object wrapper	array
building_id	The unique building ID as indicated in the Connectbase platform.	string
building_name	The name/address assigned to the building location.	string
building_description	The type of building, for example, Commercial, Residential, etc.	string
building_category	The type of building, for example, Commercial, Residential, etc.	string
building_network_build_status	A metric to identify the build status of a carrier's network in a building. • Connected • In Progress • Not Connected • Planned • Prospect	string
building_demarc_code	Demarcation point is sometimes abbreviated as demarc, DMARC, or similar. The demarcation point varies between countries. The term MPOE (minimum or main point of entry) is synonymous, with	string

Response Attribute	Attribute Description	Data Type
	the added implication that it occurs as soon as possible upon entering the customer premises.	
building_clli	Common Language Information Services Identifier (CLLI), used to identify the building location. Network Site codes are typically used to identify building locations, specific to an address. First four characters represent a geographical code, the fifth and sixth characters represent a geopolitical code. The remaining two characters are uniquely assigned by iconectiv® to identify the building location.	string
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
last mile provider	Last Mile Provider Name	string
building_install_interval	The timeframe for installation that is quoted by the provider to the customer.	int
comcast_pricing_zone	The pricing zone for Comcast services	string
indatel_pricing_zone	The pricing zone for Indatel services	string
centurylink_pricing_zone	The pricing zone for CenturyLink services	string
sprint_pricing_zone	The pricing zone for Sprint services.	string
verizon_pricing_zone	The pricing zone for Verizon services.	string
att_pricing_zone	The pricing zone for AT&T services.	string
custom_pricing_zone	Any custom pricing zone added to the customer instance.	string
pricing_zone	Geographic types for P2P pricing that tie to underlying service providers cost or to compensate for large stretches of geographic areas that are connected.	string
address_information	Object wrapper	object
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	string

Response Attribute	Attribute Description	Data Type
	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
global_location_id	A Connectbase proprietary ID system that provides a unique identification code for every location within the seven continents.	string
elevation	The terrain elevation.	float
primary_number	Primary address information such as the building number in a street address.	int
street_address	The full address name of the street where the building or specified location resides, not including Address2 fields.	string
streetname	The name of the street in which the location resides.	string
street_predirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the left of (before) the street name such as E HOOVER ST.	string
street_postdirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the right of (after) the street name such as BAY DRIVE W.	string
street_suffix	Identifies the type of roadway in abbreviated format, such as St., Blvd., etc.	string
city	The name of the city where the building or specified location resides.	string
state	The standard US Postal Service Abbreviation or full state name where the building or specified location resides.	string
zipcode	The zip code where the building or specified location resides.	string
county	The name of the county where the building or specified location resides.	string
country	The name of the country where the building or specified location resides.	string
access_medium	The medium used for connectivity to the building or specified location. • Coax/HFC • Copper	array

Response Attribute	Attribute Description	Data Type
	• Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	
products	Object wrapper	array
product_id	A unique Id assigned to identify the product.	int
service_name	The name of the product or service	string
transmission_rate	The supported rate of transmission for the product or service.	string
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float
currency	The currency in which a customer is buying/selling the service, such as USD, EUR, JPY, AED, AFN, ALL.	string
mrc_(12M, 24M, 36M, 48M, 60M, 84M, 120M, 240M)	Monthly recurring cost	float
nrc_(12M, 24M, 36M, 48M, 60M, 84M, 120M, 240M)	Non-recurring cost	float

---

Error Response Example

```
{
  "status": "failed",
  "error": "Requested locations were not found for the supplied company id"
}
```

GET companies/{companyId}/locations/{locationid}/products/{productid}

Issue this call to retrieve prices and metadata about a specific product offered at a specific building and associated with a specific company.

Requirements and Special Considerations

This API call requires the company ID, location ID product ID and subscription key. If you do not know the product ID, you can get it by issuing the previous call. See *GET companies/{companyId}/locations/{locationid}/products*

Request URL

https://api.connected2fiber.com/availability/v5/companies/{companyId}/locations/{locationid}/products/{productid}

Request parameters	Characteristic	Description/Requirements
companyId	int	The ID that identifies the company from which you want to view a specific building product
locationid	string	Either the building ID retrieved through the previous API call or a comma separated address (address, city, state). The zip code is optional but if included must be separated from the state by a comma.
productid	number	The ID that identifies the specific product you wish to retrieve. This number is obtained from the previous API call of all products. See previous page.
Ocp-Apim-Subscription-Key	string	The subscription key that provides access to this API, which can be found in your Profile.

Success Response Example

```json
 {
"status": "success",
"body": [{
  "company_id": 910,
  "company_name": "testpricing1",
  "company_phone_number": "",
  "company_phone_number_secondary": "",
  "company_contact_email": "",
  "company_contact": "",
  "locations": [{
    "building_id": "OZ99-910-191811544",
    "building_name": "105 N Arney Rd",
    "building_description": "",
    "building_category": "Commercial Building",
    "building_network_build_status": "Not Connected",
    "building_demarc_code": "",
    "building_clli_code": "WDBNOR59",
    "building_connection_status": "Near Net",
    "Last Mile Provider": "Zayo"
    "building_install_interval": "",
    "building_access_medium": "",
    "pricing_zone": "",
    "wave_zone": "5",
    "comcast_pricing_zone": "1",
    "indatel_pricing_zone": "2",
    "centurylink_pricing_zone": "9",
    "sprint_pricing_zone": "4",
    "verizon_pricing_zone": "",
    "att_pricing_zone": "6",
    "custom_pricing_zone": "",
    "address_information": {
      "latitude": "45.151967",
      "longitude": "-122.885426",
      "global_location_id": "US84QV5427+QRPPB",
      "elevation": "0",
      "primary_number": "105",
      "street_address": "105 Arney Rd",
      "streetname": "Arney",
      "street_predirection": "",
      "street_postdirection": "",
      "street_suffix": "Rd",
      "city": "Woodburn",
      "state": "OR",
```

Success Response Example

```json
        "zipcode": "97071",
        "county": "",
        "country": "USA"
      },
      "products": [{
        "access_medium": null,
        "product_id": 1,
        "service_name": "SONET/TDM",
        "transmission_rate": "DS1",
        "pricing_channel": 1,
        "currency": "USD",
        "mrc_12m": "4.00",
        "mrc_24m": "4.00",
        "mrc_36m": "",
        "mrc_48m": "",
        "mrc_60m": "",
        "mrc_84m": "",
        "mrc_120m": "",
        "mrc_240m": "",
        "mm_mrc": "",
        "nrc_12m": "4.00",
        "nrc_24m": "",
        "nrc_36m": "",
        "nrc_48m": "",
        "nrc_60m": "",
        "nrc_84m": "",
        "nrc_120m": "",
        "nrc_240m": "",
        "mm_nrc": ""
      }, {
        "access_medium": null,
        "product_id": 1,
        "service_name": "SONET/TDM",
        "transmission_rate": "DS0",
        "pricing_channel": 1,
        "currency": "USD",
        "mrc_12m": "",
        "mrc_24m": "1.00",
        "mrc_36m": "36.36",
        "mrc_48m": "",
        "mrc_60m": "",
        "mrc_84m": "",
        "mrc_120m": "",
        "mrc_240m": "",
        "mm_mrc": "",
        "nrc_12m": "9.00",
        "nrc_24m": "1.00",
        "nrc_36m": "",
        "nrc_48m": "",
        "nrc_60m": "",
        "nrc_84m": "",
        "nrc_120m": "",
        "nrc_240m": "",
        "mm_nrc": ""
      }]
    }]
  }]
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int

Response Attribute	Attribute Description	Data Type
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_secondary_phone_number	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string
locations	Object wrapper	array
building_id	The unique building ID as indicated in the Connectbase platform.	string
building_name	The name/address assigned to the building location.	string
building_description	The type of building, for example, Commercial, Residential, etc.	string
building_category	The type of building, for example, Commercial, Residential, etc.	string
building_network_build_status	A metric to identify the build status of a carrier's network in a building. • Connected • In Progress • Not Connected • Planned • Prospect	string
building_demarc_code	Demarcation point is sometimes abbreviated as demarc, DMARC, or similar. The demarcation point varies between countries. The term MPOE (minimum or main point of entry) is synonymous, with the added implication that it occurs as soon as possible upon entering the customer premises.	string
building_clli	Common Language Information Services Identifier (CLLI), used to identify the building location. Network Site codes are typically used to identify building locations, specific to an address. First four characters represent a geographical code, the fifth and sixth characters represent a geopolitical code. The remaining two characters are uniquely assigned by iconectiv® to identify the building location.	string

Response Attribute	Attribute Description	Data Type
building_connection_status	A metric that is used to identify the connectivity status of fiber-connected buildings. Range of valid values: • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect	string
last mile provider	Last Mile Provider Name	string
building_install_interval	The timeframe for installation that is quoted by the provider to the customer.	int
comcast_pricing_zone	The pricing zone for Comcast services	string
indatel_pricing_zone	The pricing zone for Indatel services	string
centurylink_pricing_zone	The pricing zone for CenturyLink services	string
sprint_pricing_zone	The pricing zone for Sprint services.	string
verizon_pricing_zone	The pricing zone for Verizon services.	string
att_pricing_zone	The pricing zone for AT&T services.	string
custom_pricing_zone	Any custom pricing zone added to the customer instance.	string
pricing_zone	Geographic types for P2P pricing that tie to underlying service providers cost or to compensate for large stretches of geographic areas that are connected.	string
address_information	Object wrapper	object
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
global_location_id	A Connectbase proprietary ID system that provides a unique identification code for every location within the seven continents.	string

Response Attribute	Attribute Description	Data Type
elevation	The terrain elevation.	float
primary_number	Primary address information such as the building number in a street address.	int
street_address	The full address name of the street where the building or specified location resides, not including Address2 fields.	string
streetname	The name of the street in which the location resides.	string
street_predirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the left of (before) the street name such as E HOOVER ST.	string
street_postdirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the right of (after) the street name such as BAY DRIVE W.	string
street_suffix	Identifies the type of roadway in abbreviated format, such as St., Blvd., etc.	string
city	The name of the city where the building or specified location resides.	string
state	The standard US Postal Service Abbreviation or full state name where the building or specified location resides.	string
zipcode	The zip code where the building or specified location resides.	string
county	The name of the county where the building or specified location resides.	string
country	The name of the country where the building or specified location resides.	string
access_medium	The medium used for connectivity to the building or specified location. • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	array
products	Object wrapper	array
product_id	A unique Id assigned to identify the product.	int
service_name	The name of the product or service	string
transmission_rate	The supported rate of transmission for the product or service.	string

Response Attribute	Attribute Description	Data Type
downloadSpeed	The requested download speed as indicated in the Create Quote process, in Mbits.	float
uploadSpeed	The requested upload speed as indicated in the Create Quote process, in Mbits.	float
currency	The currency in which a customer is buying/selling the service, such as USD, EUR, JPY, AED, AFN, ALL.	string
mrc_(12M, 24M, 36M, 48M, 60M, 84M, 120M, 240M)	Monthly recurring cost	float
nrc_(12M, 24M, 36M, 48M, 60M, 84M, 120M, 240M)	Non-recurring cost	float

Error Response Example

```
{
  "status": "failed",
  "error": "Requested locations were not found for the supplied company id"
}
```

GET companies/{companyId}/products

Issue this call to get all products offered by a specific company.

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

Request URL
https://api.connected2fiber.com/availability/v5/companies/{companyId}/products

Request parameters	Characteristic	Description/Requirements
companyId	int	The ID that identifies the company from which you want to view products.

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

```json
{
    "status": "success",
    "body": [{
        "company_id": 123,
        "company_name": "Connectbase",
        "company_phone_number": "508-202-1807",
        "company_phone_number_secondary": "",
        "company_contact_email": "support@connectbase.com",
        "company_contact": "Customer Support",
        "products": [{
            "product_id": 6,
            "service_name": "Dedicated Internet",
            "transmission_rate": "ETHERNET 2M",
            "pricing_channel": 1
        }]
    }]
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_secondary_phone_number	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string

Response Attribute	Attribute Description	Data Type
products	Object wrapper	array
product_id	A unique Id assigned to identify the product.	int
service_name	The name of the product or service	string
transmission_rate	The supported rate of transmission for the product or service.	string
pricing_channel	• Default = 1 • Wholesale =2 • Enterprise = 3 • Channel = 4	int

Error Response Example
| ```json
{
 "statusCode": 401,
  "message": "Access denied due to invalid subscription key. Make sure to provide a valid key for an active subscription."
}
``` |

GET companies/{companyId}/products/{product}

Issue this call to get all the available speeds for a single product that is offered by a specific company.

Requirements and Special Considerations
This API call requires the company ID, product name and subscription key. If you do not know the exact product name, issue the previous command *GET companies/{companyId}/products* to retrieve the product name.

Request URL
https://api.connected2fiber.com/availability/v5/companies/{companyId}/products

Request parameters	Characteristic	Description/Requirements
companyId	int	Your company identifier
product	string	The service name of the product, which can be retrieved by issuing the previous command. See Requirements and Special Considerations above.

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",
  "body": {
    "company": "Connectbase",
    "product_id": "6",
    "speeds": ["ETHERNET 2M"]
    }
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
company	The name of the company.	string
product_id	A unique ID assigned to identify the product.	int
speeds	Array wrapper for list of speeds	array

Error Response Example

```
{
 "statusCode": 401,
  "message": "Access denied due to invalid subscription key. Make sure to provide a valid
key for an active subscription."
}
```

POST getAccessAvailability

Issue this call to obtain the price and availability of certain products within a specified address.

Requirements and Special Considerations
This API call is Verizon specific CAMEO oriented.

Request URL
https://api.connected2fiber.com/availability/v5/getAccessAvailability

Request parameters	Characteristic	Description/Requirements
companyID	int	A company id to which the requestor is authorized to search

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

Request Body Attributes	Mandatory	Values/Requirements
getAccessAvailability	Yes	Object wrapper

Request Body Attributes	Mandatory	Values/Requirements
arg0	Yes	Object wrapper inside getAccessAvailability
product	No	Product name. See chart below.
speed	No	Speed associated with given product.
companyName	Yes	Verizon attribute.
term	No	Length of the term of service. Valid input: • 12 • 24 • 36 • 48 • 60
inquiryId	Yes	Verizon attribute.
serviceAddress	Yes	Address object wrapper.
unparsedAddress	Yes	Address object inside serviceAddress.
addressLine1	Yes	Address of target location inside unparsed address.
city	Yes	City of target location inside unparsed address.
stateRegion	Yes	State or region of target location inside unparsed address.
postcode	Yes	Postal code of target location inside unparsed address.
country	Yes	Country of target location inside unparsed address.
arrayOfficeInfo	No	Office location Object wrapper.
officeLocationInfo	No	Object wrapper inside of arrayOfficeInfo.
locationDesignator	No	Location Designator such as Room or Floor.
LocationValue	No	Value assigned to location designator such as 5 (Room 5).

> Refer to the product catalog for the complete list of products and speeds available.

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", "10G Wave 4", "2.5G Wave 4", "10G Wave 2", "2.5G Wave 2"
Dark Fiber	"Dark Fiber Pair IRU", "Dark Fiber Pair Lease"

Product	Speeds
MPLS	"ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 20M", "ETHERNET 30M", "ETHERNET 40M ", "ETHERNET 50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 400M", "ETHERNET 500M", "ETHERNET 600M", "ETHERNET 700M", "ETHERNET 800M", "ETHERNET 900M", "ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 10G", "ETHERNET 40G", "DS1", "3.0 NxDS1", "4.5 NxDS1", "6.0 NxDS1", "7.5 NxDS1", "9.0 NxDS1"
Dedicated Internet	"ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 25M", "ETHERNET 30M", "ETHERNET 40M ", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET 125M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 350M", "ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 550M", "ETHERNET 600M", "ETHERNET 650M", "ETHERNET 700M", "ETHERNET 750M", "ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M", "ETHERNET 950M", "ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 20G", "ETHERNET 30G", "ETHERNET 40G", "ETHERNET 50G", "ETHERNET 60G", "ETHERNET 70G", "ETHERNET 80G", "ETHERNET 90G", "ETHERNET 1.5G", "ETHERNET 100G", "ETHERNET 150G", "ETHERNET 200G", "ETHERNET 250G", "ETHERNET 300G", "ETHERNET 400G", "ETHERNET 500G", "DS1", "3.0 NxDS1", "4.5 NxDS1", "6.0 NxDS1", "7.5 NxDS1", "9.0 NxDS1"]
Broadband	"1G/1G", "30/8", "50/8", "100/8", "5/0.768", "10/0.768", "75/7", "115/7", "75/37", "45/6", "60/6", "75/6", "105/6", "5/0.896", "7/0.896", "10/0.896", "12/0.896", "20/0.896", "1.5/0.896", "5/5", "10/5", "12/5", "15/5", "20/5", "24/5", "25/5", "30/5", "35/5", "40/5", "50/5", "60/5", "75/5", "90/5", "100/5", "150/5", "200/5", "25/25", "250/5", "3/0.5", "35/35", "40/15", "50/25", "6/0.5", "60/25", "75/15", "75/75", "100/15", "101/35", "110/15", "120/15", "125/25", "15/1.5", "150/15", "150/35", "150/75", "20/1.5", "200/15", "225/25", "240/15", "25/1.5", "250/15", "250/25", "30/1.5", "300/15", "300/25", "300/75", "330/15", "350/15", "400/25", "50/2.5", "500/15", "500/25", "500/35", "750/35", "940/35", "1.5/0.5", "10/0.75", "1000/35", "250/125", "275/275", "30/1.25", "350/175", "0.5/0.25", "20/4", "25/4", "45/4", "50/4", "60/4", "3/0.64", "1/0.384", "3/0.384", "15/3", "24/3", "25/3", "30/3", "35/3", "40/3", "45/3", "50/3", "70/3", "90/3", "100/3", "10/2", "15/2", "20/2", "25/2", "30/2", "40/2", "120/12", "5/0.512", "6/0.512", "1.5/0.512", "4/1", "5/1", "6/1", "8/1", "9/1", "10/1", "12/1", "15/1", "18/1", "25/201", "10/10", "15/10", "1G/20", "1G/40", "20/20", "25/10", "30/10", "40/40", "50/10", "50/20", "50/50",

Product	Speeds
	"55/10", "60/10", "60/20", "70/70", "75/10", "80/10", "100/10", "100/20", "100/30", "100/50", "101/10", "105/10", "110/20", "120/40", "140/20", "150/10", "150/20", "150/30", "150/40", "1G/300", "1G/400", "1G/500", "200/10", "200/20", "200/30", "200/40", "250/10", "250/20", "250/50", "250/70", "300/20", "300/30", "300/50", "400/10", "400/20", "400/30", "500/10", "500/20", "500/30", "500/40", "500/50", "500/60", "600/30", "600/40", "750/20", "100/100", "1000/30", "1000/50", "150/150", "200/100", "200/200", "300/150", "300/300", "400/400", "500/100", "500/250", "500/500", "600/400", "750/200", "750/300", "940/880", "1000/100", "1000/200", "15/0.750", "2000/2000"
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"
Ethernet – Dedicated	"ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 25M", "ETHERNET 30M", "ETHERNET 40M ", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M", "ETHERNET 90M", "ETHERNET 100M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 350M", "ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 550M", "ETHERNET 600M", "ETHERNET 650M", "ETHERNET 700M", "ETHERNET 750M", "ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M", "ETHERNET 950M", "ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 40G", "ETHERNET 1.5G", "ETHERNET 100G", "ETHERNET 2.5G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode", "1000M Multi Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single Mode", "10000M Single Mode", "10M RJ45", "100M RJ45"
Ethernet – Switched	"ETHERNET 1M", "ETHERNET 2M", "ETHERNET 3M", "ETHERNET 4M", "ETHERNET 5M", "ETHERNET 6M", "ETHERNET 7M", "ETHERNET 8M", "ETHERNET 9M", "ETHERNET 10M", "ETHERNET 15M", "ETHERNET 20M", "ETHERNET 25M", "ETHERNET 30M", "ETHERNET 40M ", "ETHERNET 45M", "ETHERNET 50M", "ETHERNET 60M", "ETHERNET 70M", "ETHERNET 80M",

Product	Speeds
	"ETHERNET 90M", "ETHERNET 100M", "ETHERNET 150M", "ETHERNET 200M", "ETHERNET 250M", "ETHERNET 300M", "ETHERNET 350M", "ETHERNET 400M", "ETHERNET 450M", "ETHERNET 500M", "ETHERNET 550M", "ETHERNET 600M", "ETHERNET 650M", "ETHERNET 700M", "ETHERNET 750M", "ETHERNET 800M", "ETHERNET 850M", "ETHERNET 900M", "ETHERNET 950M", "ETHERNET 1000M", "ETHERNET 1G", "ETHERNET 2G", "ETHERNET 3G", "ETHERNET 4G", "ETHERNET 5G", "ETHERNET 6G", "ETHERNET 7G", "ETHERNET 8G", "ETHERNET 9G", "ETHERNET 10G", "ETHERNET 40G", "ETHERNET 1.5G", "ETHERNET 100G", "ETHERNET 2.5G", "10M Multi Mode", "100M Multi Mode", "10M Single Mode", "1000M Multi Mode", "100M Single Mode", "10000M Multi Mode", "1000M Single Mode", "10000M Single Mode", "10M RJ45", "100M RJ45"
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 4 IPs", "Static IP 5 IPs", "Static IP 8 IPs", "Static IP 13 IPs", "Static IP 16 IPs", "Static IP 29 IPs", "Static IP 32 IPs", "Static IP 61 IPs", "Static IP 64 IPs", "Static IP 125 IPs", "Static IP 128 IPs", "Static IP 253 IPs", "Static IP 256 IPs", "Static IP 512 IPs", "Static IP 1 IP"
Network Network Interface	"UNI 1G Port", "UNI 10G Port", "UNI 10/100M Port"
Dedicated Internet – Managed	"5M", "10M", "20M", "50M", "100M", "200M", "250M", "500M", "600M", "1000M", "1.544M"
VPN	"5M", "10M", "20M", "50M", "100M", "200M", "250M", "500M", "600M", "1000M", "1.544M", "3.088M", "4.632M", "6.176M", "7.720M", "9.264M", "10.808M", "12.352M"

Request body example

```
{
    "getAccessAvailability": {
        "arg0": {
            "product": "Dedicated Internet",
            "speed": "ETHERNET 2M",
            "companyName": "Connectbase",
            "term": "12",
            "inquiryId": "123456789",
            "serviceAddress": {
                "unparsedAddress": {
                    "addressLine1": "250 Granite St",
                    "city": "Braintree",
                    "stateRegion": "MA",
                    "postcode": "02184",
                    "country": "USA",
                    "arrayOfficeInfo": {
                        "officeLocationInfo": {
                            "locationDesignator": "",
                            "LocationValue": ""
```

Request body example

```
                }
              }
            }
          }
        }
      }
    }
}
```

Success Response Example

```json
{
  "getAccessAvailabilityResponse": [{
    "status": "SUCCESS",
    "errorCode": "0",
    "errorMessage": "",
    "available": "ONNET",
    "orderReference": "123456789",
    "pricingZone": "",
    "currency": "USD",
    "quoteValidity": "",
    "serviceLeadTime": "",
    "pricelist": [{
      "product": "Dedicated Internet",
      "speed": "ETHERNET 2M",
      "mrc": "900",
      "nrc": "1000"
    }]
  }]
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
getAccessAvailabilityResponse	Object wrapper	array
status	Indicates status of API completion. • Success • Failed	string
errorCode	A unique code used to identify an error. "0" = none; "1" indicates error. See errorMessage.	int
errorMessage	Where applicable, provides an error message.	string
available	Indicates the connectivity status, such as OnNet.	string
orderReference	A unique customer provided ID to identify an order.	string
pricing_zone	The pricing zone for the handoff or services	int
currency	The currency in which a customer is buying/selling the service, such as USD, EUR, JPY, AED, AFN, ALL.	string
quoteValidity		

Response Attribute	Attribute Description	Data Type
serviceLeadTime	The number of days required to bring the service OnNet.	string
pricelist	Object wrapper	object
product	The name of the product or service.	string
speed	The speed provided for the product.	string
mrc	Monthly recurring cost.	float
nrc	Non-recurring cost.	float

Error Response Example

```
{
  "title": "Something went wrong",
  "error": {
    "message": "'getAccessAvailability' field required"
  }
}
```

POST getEthernetAvailability

Issue this call to obtain the ethernet availability within a specified address.

Requirements and Special Considerations

This API call is Verizon specific CAMEO oriented.

Request URL

https://api.connected2fiber.com/availability/v5/getEthernetAvailability

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

Request Body Attributes	Mandatory	Values/Requirements
location	Yes	Object wrapper
addressLine	Yes	Address of target location.
city	Yes	City of target location.
state	Yes	State of target location.
country	Yes	State of target location.
product	Yes	Name of product. See below.
companyID	Yes	companyID of target instance.
speed	Yes	Requested product speed. See below.
requestID	Yes	Verizon attribute.

Refer to the product catalog for the complete list of products and speeds available.

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

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

Request body example

```
{
  "location": {
    "addressLine": "250 Granite St",
    "city": "Braintree",
    "state": "MA",
    "country": "USA"
  },

  "product": ["Dedicated Internet"],
  "companyId": 123,
```

Success Response Example

```
{
  "data": {
    "timestamp": "2019-10-10T21:07:29.952Z",
    "globalLocationId": "US87C4WQ9H+3JMBS00",
    "requestID": "sfd283f9283hf",
    "requestedAddress": {
      "addressLine": "250 Granite St",
      "city": "Braintree",
      "state": "MA",
      "country": "USA"
    },
    "productPricing": [{
      "connectivityStatus": "Connected",
      "availability": "OnNet",
      "accessMedium": "Fiber",
      "serviceName": "Dedicated Internet",
      "speed": "ETHERNET 2M",
      "rate_tier": "",
      "currency": "USD",
      "mrc": "900",
      "nrc": "1000"
    }],
    "message": "Success",
    "status": "Found",
    "validatedAddress": {
      "addressLine": "250 Granite St",
      "city": "Braintree",
      "state": "MA",
      "country": "USA"
    }
  }
}
```

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
data	Object wrapper	object
timestamp	Year-Month-Day-Time	string
global_location_id	Connectbase's proprietary ID system that provides a unique identification code for every location within the seven continents.	string
requestID	System generated ID used to identify the request.	string
requested_address	Object wrapper	object
addressLine	Street address	string
city	The name of the city where the building or specified location resides.	string
state	The standard US Postal Service Abbreviation or full state name where the building or specified location resides.	string

Response Attribute	Attribute Description	Data Type
country	The name of the country where the building or specified location resides.	string
product_pricing	Object array	array
connectivity_status	A metric to identify the build status of a carrier's network in a building. • Connected • In Progress • Not Connected • Planned • Prospect	string
availability	Range of valid values: • Near Net • OffNet • On Net–Limited Access • OnNet • Prospect	string
access_medium	The medium used for connectivity to the building or specified location. • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	
service_name	The name of the product or service.	string
speed	The speed provided for the product.	string
rate_tier	Where applicable, identifies if the pricing is defined by geography Tiers, for example, Tier 1, Tier 2	string
currency	The currency in which a customer is buying/selling the service, such as USD, EUR, JPY, AED, AFN, ALL.	string
mrc_(12M, 24M, 36M, 48M, 60M, 84M, 120M, 240M)	Monthly recurring cost	float
nrc_(12M, 24M, 36M, 48M, 60M, 84M, 120M, 240M)	Non-recurring cost	float
message		string
status	Indicates if solution was found/not found	string
validated_address	Object wrapper	object
addressLine	The validated street address.	string

Response Attribute	Attribute Description	Data Type
city	The validated city in which the address resides.	string
state	The validated state in which the address resides.	string
country	The validated country in which the address resides.	string

Error Response Example

```
{
  "title": "Something went wrong",
  "error": {
    "message": "Internal server error: 31343865"
  }
}
```

GET locations/{locationid}/products/{productName}/providers

Use this method to call a specific location and product and receive as a response all of the suppliers who can service the product at the specified location.

Requirements and Special Considerations

Location Id and product name are required parameters.

Request URL

https://api.connected2fiber.com/availability/v5/locations/{locationid}/products/{productName}/providers

Request parameters	Characteristic	Description/Requirements
locationid (required)	string	A comma separated address (address, city, state). Zip is optional but if included must be separated from state by a comma.
productName (required)	string	The name of the product to be retrieved. Product names include the following: • SONET/TDM • Wavelengths • Dark Fiber • MPLS • Dedicated Internet • Broadband • Cloud Connect • VoIP • Ethernet – Dedicated • Ethernet – Switched • SD WAN

Request parameters	Characteristic	Description/Requirements
		• User Network Interface • Static IP • Network Network Interface • Dedicated Internet – Managed • VPN • Ethernet - Switched w/COS • Ethernet - Switched w/COS2 • Ethernet - Dedicated COS1 • Ethernet - Dedicated COS2

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",
  "body": [
    {
      "company_id": 1,
      "company_name": "Connectbase",
      "company_phone_number": "123-456-7890",
      "company_contact_email": "email@company.com",
      "company_contact": "Bob Smith",
      "location": {
        "building_id": "SSSS-C2F-52cdea85",
        "building_name": "Test Building 77",
        "building_description": "",
        "building_network_build_status": "Connected",
        "building_demarc_code": "",
        "building_clli_code": "CLLICODED01",
        "building_connection_status": "OnNet",
        "Last Mile Provider": "Zayo"
        "building_provider": "",
        "building_access_medium": "Copper",
        "address_information": {
          "latitude": "0",
          "longitude": "0",
          "elevation": 0,
          "primary_number": "3",
          "streetname": "Anjean",
          "street_predirection": "",
          "street_postdirection": "",
          "street_suffix": "St",
          "city": "Rupert",
          "state": "WV",
          "zipcode": "25984",
          "county": "",
          "country": "USA"
        }
      },
      "suppliers": [
        {
          "supplier": "Cox",
          "products": [
            {
              "access_medium": "Fiber",
              "product_id": 6,
```

```
                "service_name": "Dedicated Internet",
                "transmission_rate": "ETHERNET 10M",
                "pricing_channel": 1
              },
              {
                "access_medium": null,
                "product_id": 6,
                "service_name": "Dedicated Internet",
                "transmission_rate": "ETHERNET 10M",
                "pricing_channel": 1
              }
            ]
          }
        ]
      }
    ]
  }
```

Success Response Example

Response Attributes and Data Types

Response Attribute	Attribute Description	Data Type
status	Indicates status of API completion – Success or Failed	string
body	object wrapper	object
company_id	The Connectbase generated company Id	int
company_name	The entity name associated with the account.	string
company_phone_number	The entity contact number.	string
company_secondary_phone_number	A secondary contact number for the company.	string
company_contact_email	The email address for the company contact.	string
company_contact	The name of the company contact.	string
location	object wrapper	object
building_id	The unique building ID as indicated in the Connectbase platform.	string
building_name	The name/address assigned to the building location.	string
building_description	The type of building, for example, Commercial, Residential, etc.	string
building_network_build_status	A metric to identify the build status of a carrier's network in a building. • Connected • In Progress • Not Connected • Planned	string

Response Attribute	Attribute Description	Data Type
	• Prospect	
building_demarc_code	Demarcation point is sometimes abbreviated as demarc, DMARC, or similar. The demarcation point varies between countries. The term MPOE (minimum or main point of entry) is synonymous, with the added implication that it occurs as soon as possible upon entering the customer premises.	string
building_clli	Common Language Information Services Identifier (CLLI), used to identify the building location. Network Site codes are typically used to identify building locations, specific to an address. First four characters represent a geographical code, the fifth and sixth characters represent a geopolitical code. The remaining two characters are uniquely assigned by iconectiv® to identify the building location.	string
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
last mile provider	Last Mile Provider Name	string
building_provider	The name of the provider who services the location.	string
building_access_medium	The medium used for connectivity to the building or specified location. • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	array
address information	object wrapper	object
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 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
global_location_id	A Connectbase proprietary ID system that provides a unique identification code for every location within the seven continents.	string
elevation	The terrain elevation.	float
primary_number	Primary address information such as the building number in a street address.	int
street_address	The full address name of the street where the building or specified location resides, not including Address2 fields.	string
streetname	The name of the street in which the location resides.	string
street_predirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the left of (before) the street name such as E HOOVER ST.	string
street_postdirection	An address element that indicates geographic location such as N, S, E, W, NE, NW, SE, and SW that is placed to the right of (after) the street name such as BAY DRIVE W.	string
street_suffix	Identifies the type of roadway in abbreviated format, such as St., Blvd., etc.	string
city	The name of the city where the building or specified location resides.	string
state	The standard US Postal Service Abbreviation or full state name where the building or specified location resides.	string
zipcode	The zip code where the building or specified location resides.	string
county	The name of the county where the building or specified location resides.	string
country	The name of the country where the building or specified location resides.	string
suppliers	object wrapper	array
supplier	The name of the supplier	string
products	The products offered by the supplier	object

Response Attribute	Attribute Description	Data Type
access_medium	The access medium of the product. • Coax/HFC • Copper • Fiber • Wireless – Fixed • Wireless – Mobile • Wireless – Satellite • Other	string
product_id	A unique product ID used to identify the product.	string
service_name	The type of service offered, such as Dedicated Internet.	string
transmission_rate	The supported rate of speed, such as Ethernet 10M	string
pricing_channel	• Default = 1 • Wholesale =2 • Enterprise = 3 • Channel = 4	int

Error Response Example

```
{
 "statusCode": 401,
  "message": "Access denied due to invalid subscription key. Make sure to provide a valid
key for an active subscription."
 }
```

Revision History

Revision	Date	Description
00	June 30, 2020	This is the initial release of this document for currently supported APIs.
01	June 14, 2021	Added V5 APIs new response parameter "pricing channel" to GET companies/{companyId}/products call.
02	November 16, 2021	Added V5 API GET locations/{locationid}/products/{productName}/providers A new method to call a specific location and product and receive as a response all suppliers available for that product at that location.
	February 01, 2022	Rebranded the document template with a new title page, company name, logo, and updated fonts.
03	March 01, 2022	The following APIs have been deprecated from the API portal • Connected World Availability • Connected World Availability, v2 • Connected World Availability, v3
04	September 20, 2022	Incorporated the response attributes and data types for all API calls.
05	April 04, 2023	Added Pricing Zones to the response for the following Location endpoints. • companies/{companyid}/locations • companies/{companyid}/locations/{locationid} • companies/{companyid}/locations/{locationid}/products • companies/{companyid}/locations/{locationid}/products/{productid}
06	September 25, 2023	New publication of the document with minor editorial updates.
07	March 11, 2024	Added "last mile provide" response attribute in following endpoint: • companies/{companyid}/locations • companies/{companyid}/locations/{locationid} • companies/{companyid}/locations/{locationid}/products • companies/{companyid}/locations/{locationid}/products/{productid}

Revision	Date	Description
		• locations/{locationid}/products/ {productName}/providers
08	May 01, 2024	Added API rate limit section that contains rate limit for the API.
09	June 04, 2024	Added API rate limit table for each endpoint.