



# Demand Engine API Reference Guide

Revision 06

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# About This Guide

## Introduction

The Demand Engine API enables developers to programmatically extract analytics from the Connectbase Demand Engine.

## Accessing the Portal

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

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

## Related Documentation

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

- *Address Autocomplete API Reference Guide*
- *Address Validation API Reference Guide*
- *Advanced CPQ API Reference Guide*
- *Building Competitive Rating API Reference Guide*
- *Connectbase Developer Portal Overview Guide*
- *Connected World Availability API Reference Guide*
- *Connected World Account API Reference Guide*
- *Connected World Building API Reference Guide*
- *Connected World Building Lists API Reference Guide*
- *Connected World Contacts API Reference Guide*
- *Connected World Distributions API Reference Guide*
- *CPQ API Reference Guide*
- *CPQ Components Management 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
HTTP	Hyper Text Transfer Protocol
JSON	JavaScript Object Notation
N/A	Not applicable
URL	Uniform Resource Locator
USPS	United States Postal Service

## Contact Customer Support

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](mailto:support@connectbase.com) or by phone at (508) 202-1807 between the hours of 8:00 a.m. and 5:00 p.m. EST.

# Demand Engine API

## GET Activities

The Get Activities API enables developers to programmatically extract analytics from the Connectbase Demand Engine.

Demand Engine results are powered by end user queries in Availability Engine, CPQ, and the Serviceability Portal.

### Requirements and Special Considerations

Company Id, Start Date, and End Date are required parameters and must be entered in the specified format. The appropriate subscription is required. <https://api.connected2fiber.com/address-autocomplete/%7baddress%7d>

### Request URL

```
https://api.connected2fiber.com/demandEngine/activities[?company_id]
[&start_date][&end_date][&login][&route][&address][&city][&state][&zip][&country]
[&requesting_company][&user_company][&status_code][&product_id][&page][&size]
```

Request parameters	Characteristic	Description/Requirements
company_id (required)	int	The Id of the company instance.
start_date (required)	string	Start date of format YYYY-MM-DD HH:MM:SS (00:00 – 23:59)
end_date (required)	string	End date of format YYYY-MM-DD HH:MM:SS (00:00 – 23:59)
login (optional)	string	The Email associated with the end user that performed the query in the Availability Engine, CPQ, or the Serviceability Portal.
route (optional)	string	The source of the request (Get Location, Get Products, CPQ Internal API, Get Access Availability, Quote or Portal).  Description of each route value in API and Demand Engine UI is given in the <a href="#">Appendix A</a> :
address (optional)	string	Street address
city (optional)	string	city name
state (optional)	string	state name
zip (optional)	string	zip code
country (optional)	string	country name
requesting_company (optional)	int	The company associated with the end user querying the Availability Engine, CPQ, or Serviceability Portal.
user_company (optional)	int	The company assigned to the Serviceability portal user.

Request parameters	Characteristic	Description/Requirements
status_code (optional)	int	Status Code. 200 - success, 500, 401,408 - failed
product_id (optional)	int	Unique product ID as provided by customer.
page (optional)	int	Current page number. Default is 1.
size (optional)	int	Number of records to display per page. Default is 25

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

```
Access-Control-Allow-Origin: *
Date: Tue, 11 Oct 2022 12:56:43 GMT
ETag: W/"7cfe-DG9s/ncwPYutc2AKhelR/8+M9oY"
X-Powered-By: Express
Content-Length: 31998
Content-Type: application/json; charset=utf-8
```

```
{
  "body": [{
    "id": 4563001,
    "login_id": "anumanthu.e@capestart.com",
    "route": "Portal",
    "address": "4197 Honeysuckle Lane Southwest",
    "city": "Kensington",
    "state": "MN",
    "zip": "56343",
    "msa": null,
    "country": null,
    "country": "USA",
    "created_at": "2022-10-11T09:29:46.000Z",
    "result": 1,
    "product_id": null,
    "product_name": null,
    "requesting_company": "Dell - QA Anu",
    "request_type_id": 8,
    "target_company_id": 660,
    "error_message": "",
    "companyname": "Dell - QA Anu",
    "user_company": "Connected Power Inc",
    "quote_id": null,
    "pricing_quotes": null
  }], {
    "id": 4563000,
    "login_id": "anumanthu.e@capestart.com",
    "route": "Portal",
    "address": "",
    "city": "",
    "state": "",
    "zip": "",
    "msa": null,
    "country": null,
    "country": "",
    "created_at": "2022-10-11T08:59:44.000Z",
    "result": 1,
    "product_id": null,
```

## Success Response Example

```
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": "Connected Power Inc",
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4562999,
  "login_id": "anumanthu.e@capestart.com",
  "route": "Portal",
  "address": "6 Flower Hill Dr",
  "city": "Worcester",
  "state": "MA",
  "zip": "01609",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-11T08:57:24.000Z",
  "result": 1,
  "product_id": "",
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": []
}, {
  "id": 4562998,
  "login_id": "anumanthu.e@capestart.com",
  "route": "Portal",
  "address": "6 Flower Hill Drive",
  "city": "Worcester",
  "state": "MA",
  "zip": "01609",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-11T08:53:48.000Z",
  "result": 1,
  "product_id": "",
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": [{
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "",
    "nrc": 50,
    "nrc": 100,
    "term": 12,
    "total": 700
  }], {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "",
    "nrc": 200,
    "nrc": 300,
```



## Success Response Example

```
    "term": "MM",
    "total": 500
  ]
}, {
  "id": 4562979,
  "login_id": "anumanthu.e@capestart.com",
  "route": "Portal",
  "address": "751 E Joiner Pkwy",
  "city": "Lincoln",
  "state": "CA",
  "zip": "95648",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-11T07:29:32.000Z",
  "result": 1,
  "product_id": "",
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": [{
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "",
    "mrc": 50,
    "nrc": 100,
    "term": 12,
    "total": 700
  }], {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "",
    "mrc": 200,
    "nrc": 300,
    "term": "MM",
    "total": 500
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 2,
    "nrc": 0,
    "term": 12,
    "total": 0
  }, {
    "serviceName": "Dedicated Internet",
    "speedName": "ETHERNET 10M",
    "accessMedium": "Fiber",
    "mrc": 9878,
    "nrc": 9798,
    "term": 12,
    "total": 128334
  }, {
    "serviceName": "Dedicated Internet",
    "speedName": "ETHERNET 10M",
    "accessMedium": "Fiber",
    "mrc": 9878,
    "nrc": 9798,
    "term": 12,
    "total": 128334
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
```

## Success Response Example

```
    "accessMedium": "Fiber",
    "mrc": 10.11,
    "nrc": 10.12,
    "term": 12,
    "total": 131.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.13,
    "nrc": 10.14,
    "term": 24,
    "total": 253.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.15,
    "nrc": 10.16,
    "term": 36,
    "total": 375.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.17,
    "nrc": 10.18,
    "term": 48,
    "total": 498.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.19,
    "nrc": 10.2,
    "term": 60,
    "total": 621.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.21,
    "nrc": 10.22,
    "term": 84,
    "total": 867.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.23,
    "nrc": 10.24,
    "term": 120,
    "total": 1237.84
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.25,
    "nrc": 10.25,
    "term": 240,
    "total": 2470.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.25,
    "nrc": 10.25,
    "term": "MM",
```

## Success Response Example

```
    "total": 20.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "Fiber",
    "mrc": 10.26,
    "nrc": 10.27,
    "term": "MM",
    "total": 20.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.11,
    "nrc": 11.12,
    "term": 12,
    "total": 144.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.13,
    "nrc": 11.14,
    "term": 24,
    "total": 278.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.15,
    "nrc": 11.16,
    "term": 36,
    "total": 412.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.17,
    "nrc": 11.18,
    "term": 48,
    "total": 547.33
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.19,
    "nrc": 11.2,
    "term": 60,
    "total": 682.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.21,
    "nrc": 11.22,
    "term": 84,
    "total": 952.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.23,
    "nrc": 11.24,
    "term": 120,
    "total": 1358.84
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
```

## Success Response Example

```
    "accessMedium": "Fiber",
    "mrc": 11.25,
    "nrc": 11.25,
    "term": 240,
    "total": 2711.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.25,
    "nrc": 11.25,
    "term": "MM",
    "total": 22.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS1",
    "accessMedium": "Fiber",
    "mrc": 11.26,
    "nrc": 11.27,
    "term": "MM",
    "total": 22.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.11,
    "nrc": 12.12,
    "term": 12,
    "total": 157.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.13,
    "nrc": 12.14,
    "term": 24,
    "total": 303.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.15,
    "nrc": 12.16,
    "term": 36,
    "total": 449.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.17,
    "nrc": 12.18,
    "term": 48,
    "total": 596.33
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.19,
    "nrc": 12.2,
    "term": 60,
    "total": 743.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.21,
    "nrc": 12.22,
    "term": 84,
```

## Success Response Example

```
    "total": 1037.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.23,
    "nrc": 12.24,
    "term": 120,
    "total": 1479.84
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.25,
    "nrc": 12.25,
    "term": 240,
    "total": 2952.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.25,
    "nrc": 12.25,
    "term": "MM",
    "total": 24.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS3",
    "accessMedium": "Fiber",
    "mrc": 12.26,
    "nrc": 12.27,
    "term": "MM",
    "total": 24.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "E1",
    "accessMedium": "Fiber",
    "mrc": 13.11,
    "nrc": 13.12,
    "term": 12,
    "total": 170.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "E1",
    "accessMedium": "Fiber",
    "mrc": 13.13,
    "nrc": 13.14,
    "term": 24,
    "total": 328.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "E1",
    "accessMedium": "Fiber",
    "mrc": 13.15,
    "nrc": 13.16,
    "term": 36,
    "total": 486.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "E1",
    "accessMedium": "Fiber",
    "mrc": 13.17,
    "nrc": 13.18,
    "term": 48,
    "total": 645.33
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "E1",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 13.19,
"nrc": 13.2,
"term": 60,
"total": 804.6
}, {
  "serviceName": "SONET/TDM",
  "speedName": "E1",
  "accessMedium": "Fiber",
  "mrc": 13.21,
  "nrc": 13.22,
  "term": 84,
  "total": 1122.86
}, {
  "serviceName": "SONET/TDM",
  "speedName": "E1",
  "accessMedium": "Fiber",
  "mrc": 13.23,
  "nrc": 13.24,
  "term": 120,
  "total": 1600.84
}, {
  "serviceName": "SONET/TDM",
  "speedName": "E1",
  "accessMedium": "Fiber",
  "mrc": 13.25,
  "nrc": 13.25,
  "term": 240,
  "total": 3193.25
}, {
  "serviceName": "SONET/TDM",
  "speedName": "E1",
  "accessMedium": "Fiber",
  "mrc": 13.25,
  "nrc": 13.25,
  "term": "MM",
  "total": 26.5
}, {
  "serviceName": "SONET/TDM",
  "speedName": "E1",
  "accessMedium": "Fiber",
  "mrc": 13.26,
  "nrc": 13.27,
  "term": "MM",
  "total": 26.53
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC1",
  "accessMedium": "Fiber",
  "mrc": 14.11,
  "nrc": 14.12,
  "term": 12,
  "total": 183.44
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC1",
  "accessMedium": "Fiber",
  "mrc": 14.13,
  "nrc": 14.14,
  "term": 24,
  "total": 353.26
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC1",
  "accessMedium": "Fiber",
  "mrc": 14.15,
  "nrc": 14.16,
  "term": 36,
```

## Success Response Example

```
    "total": 523.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.17,
    "nrc": 14.18,
    "term": 48,
    "total": 694.33
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.19,
    "nrc": 14.2,
    "term": 60,
    "total": 865.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.21,
    "nrc": 14.22,
    "term": 84,
    "total": 1207.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.23,
    "nrc": 14.24,
    "term": 120,
    "total": 1721.84
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.25,
    "nrc": 14.25,
    "term": 240,
    "total": 3434.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.25,
    "nrc": 14.25,
    "term": "MM",
    "total": 28.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC1",
    "accessMedium": "Fiber",
    "mrc": 14.26,
    "nrc": 14.27,
    "term": "MM",
    "total": 28.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC3",
    "accessMedium": "Fiber",
    "mrc": 15.11,
    "nrc": 15.12,
    "term": 12,
    "total": 196.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC3",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 15.13,
"nrc": 15.14,
"term": 24,
"total": 378.26
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.15,
  "nrc": 15.16,
  "term": 36,
  "total": 560.56
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.17,
  "nrc": 15.18,
  "term": 48,
  "total": 743.33
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.19,
  "nrc": 15.2,
  "term": 60,
  "total": 926.6
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.21,
  "nrc": 15.22,
  "term": 84,
  "total": 1292.86
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.23,
  "nrc": 15.24,
  "term": 120,
  "total": 1842.84
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.25,
  "nrc": 15.25,
  "term": 240,
  "total": 3675.25
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.25,
  "nrc": 15.25,
  "term": "MM",
  "total": 30.5
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3",
  "accessMedium": "Fiber",
  "mrc": 15.26,
  "nrc": 15.27,
  "term": "MM",
```



## Success Response Example

```
    "total": 30.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.11,
    "nrc": 16.12,
    "term": 12,
    "total": 209.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.13,
    "nrc": 16.14,
    "term": 24,
    "total": 403.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.15,
    "nrc": 16.16,
    "term": 36,
    "total": 597.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.17,
    "nrc": 16.18,
    "term": 48,
    "total": 792.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.19,
    "nrc": 16.2,
    "term": 60,
    "total": 987.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.21,
    "nrc": 16.22,
    "term": 84,
    "total": 1377.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.23,
    "nrc": 16.24,
    "term": 120,
    "total": 1963.84
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
    "accessMedium": "Fiber",
    "mrc": 16.25,
    "nrc": 16.25,
    "term": 240,
    "total": 3916.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC8",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 16.25,
"nrc": 16.25,
"term": "MM",
"total": 32.5
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC8",
  "accessMedium": "Fiber",
  "mrc": 16.26,
  "nrc": 16.27,
  "term": "MM",
  "total": 32.53
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.11,
  "nrc": 17.12,
  "term": 12,
  "total": 222.44
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.13,
  "nrc": 17.14,
  "term": 24,
  "total": 428.26
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.15,
  "nrc": 17.16,
  "term": 36,
  "total": 634.56
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.17,
  "nrc": 17.18,
  "term": 48,
  "total": 841.34
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.19,
  "nrc": 17.2,
  "term": 60,
  "total": 1048.6
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.21,
  "nrc": 17.22,
  "term": 84,
  "total": 1462.86
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12",
  "accessMedium": "Fiber",
  "mrc": 17.23,
  "nrc": 17.24,
  "term": 120,
```

## Success Response Example

```
    "total": 2084.83
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12",
    "accessMedium": "Fiber",
    "mrc": 17.25,
    "nrc": 17.25,
    "term": 240,
    "total": 4157.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12",
    "accessMedium": "Fiber",
    "mrc": 17.25,
    "nrc": 17.25,
    "term": "MM",
    "total": 34.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12",
    "accessMedium": "Fiber",
    "mrc": 17.26,
    "nrc": 17.27,
    "term": "MM",
    "total": 34.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC16",
    "accessMedium": "Fiber",
    "mrc": 18.11,
    "nrc": 18.12,
    "term": 12,
    "total": 235.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC16",
    "accessMedium": "Fiber",
    "mrc": 18.13,
    "nrc": 18.14,
    "term": 24,
    "total": 453.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC16",
    "accessMedium": "Fiber",
    "mrc": 18.15,
    "nrc": 18.16,
    "term": 36,
    "total": 671.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC16",
    "accessMedium": "Fiber",
    "mrc": 18.17,
    "nrc": 18.18,
    "term": 48,
    "total": 890.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC16",
    "accessMedium": "Fiber",
    "mrc": 18.19,
    "nrc": 18.2,
    "term": 60,
    "total": 1109.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC16",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 18.21,
"nrc": 18.22,
"term": 84,
"total": 1547.86
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC16",
  "accessMedium": "Fiber",
  "mrc": 18.23,
  "nrc": 18.24,
  "term": 120,
  "total": 2205.83
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC16",
  "accessMedium": "Fiber",
  "mrc": 18.25,
  "nrc": 18.25,
  "term": 240,
  "total": 4398.25
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC16",
  "accessMedium": "Fiber",
  "mrc": 18.25,
  "nrc": 18.25,
  "term": "MM",
  "total": 36.5
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC16",
  "accessMedium": "Fiber",
  "mrc": 18.26,
  "nrc": 18.27,
  "term": "MM",
  "total": 36.53
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC23",
  "accessMedium": "Fiber",
  "mrc": 19.11,
  "nrc": 19.12,
  "term": 12,
  "total": 248.44
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC23",
  "accessMedium": "Fiber",
  "mrc": 19.13,
  "nrc": 19.14,
  "term": 24,
  "total": 478.26
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC23",
  "accessMedium": "Fiber",
  "mrc": 19.15,
  "nrc": 19.16,
  "term": 36,
  "total": 708.56
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC23",
  "accessMedium": "Fiber",
  "mrc": 19.17,
  "nrc": 19.18,
  "term": 48,
```

## Success Response Example

```
    "total": 939.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC23",
    "accessMedium": "Fiber",
    "mrc": 19.19,
    "nrc": 19.2,
    "term": 60,
    "total": 1170.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC23",
    "accessMedium": "Fiber",
    "mrc": 19.21,
    "nrc": 19.22,
    "term": 84,
    "total": 1632.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC23",
    "accessMedium": "Fiber",
    "mrc": 19.23,
    "nrc": 19.24,
    "term": 120,
    "total": 2326.83
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC23",
    "accessMedium": "Fiber",
    "mrc": 19.25,
    "nrc": 19.25,
    "term": 240,
    "total": 4639.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC23",
    "accessMedium": "Fiber",
    "mrc": 19.25,
    "nrc": 19.25,
    "term": "MM",
    "total": 38.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC23",
    "accessMedium": "Fiber",
    "mrc": 19.26,
    "nrc": 19.27,
    "term": "MM",
    "total": 38.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48",
    "accessMedium": "Fiber",
    "mrc": 20.11,
    "nrc": 20.12,
    "term": 12,
    "total": 261.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48",
    "accessMedium": "Fiber",
    "mrc": 20.13,
    "nrc": 20.14,
    "term": 24,
    "total": 503.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 20.15,
"nrc": 20.16,
"term": 36,
"total": 745.56
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.17,
  "nrc": 20.18,
  "term": 48,
  "total": 988.34
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.19,
  "nrc": 20.2,
  "term": 60,
  "total": 1231.6
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.21,
  "nrc": 20.22,
  "term": 84,
  "total": 1717.86
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.23,
  "nrc": 20.24,
  "term": 120,
  "total": 2447.83
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.25,
  "nrc": 20.25,
  "term": 240,
  "total": 4880.25
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.25,
  "nrc": 20.25,
  "term": "MM",
  "total": 40.5
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48",
  "accessMedium": "Fiber",
  "mrc": 20.26,
  "nrc": 20.27,
  "term": "MM",
  "total": 40.53
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC192",
  "accessMedium": "Fiber",
  "mrc": 21.11,
  "nrc": 21.12,
  "term": 12,
```

## Success Response Example

```
    "total": 274.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.13,
    "nrc": 21.14,
    "term": 24,
    "total": 528.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.15,
    "nrc": 21.16,
    "term": 36,
    "total": 782.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.17,
    "nrc": 21.18,
    "term": 48,
    "total": 1037.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.19,
    "nrc": 21.2,
    "term": 60,
    "total": 1292.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.21,
    "nrc": 21.22,
    "term": 84,
    "total": 1802.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.23,
    "nrc": 21.24,
    "term": 120,
    "total": 2568.83
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.25,
    "nrc": 21.25,
    "term": 240,
    "total": 5121.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
    "accessMedium": "Fiber",
    "mrc": 21.25,
    "nrc": 21.25,
    "term": "MM",
    "total": 42.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 21.26,
"nrc": 21.27,
"term": "MM",
"total": 42.53
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.11,
  "nrc": 22.12,
  "term": 12,
  "total": 287.44
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.13,
  "nrc": 22.14,
  "term": 24,
  "total": 553.26
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.15,
  "nrc": 22.16,
  "term": 36,
  "total": 819.56
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.17,
  "nrc": 22.18,
  "term": 48,
  "total": 1086.34
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.19,
  "nrc": 22.2,
  "term": 60,
  "total": 1353.6
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.21,
  "nrc": 22.22,
  "term": 84,
  "total": 1887.86
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.23,
  "nrc": 22.24,
  "term": 120,
  "total": 2689.83
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC3C",
  "accessMedium": "Fiber",
  "mrc": 22.25,
  "nrc": 22.25,
  "term": 240,
```



## Success Response Example

```
    "total": 5362.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC3C",
    "accessMedium": "Fiber",
    "mrc": 22.25,
    "nrc": 22.25,
    "term": "MM",
    "total": 44.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC3C",
    "accessMedium": "Fiber",
    "mrc": 22.26,
    "nrc": 22.27,
    "term": "MM",
    "total": 44.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
    "accessMedium": "Fiber",
    "mrc": 23.11,
    "nrc": 23.12,
    "term": 12,
    "total": 300.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
    "accessMedium": "Fiber",
    "mrc": 23.13,
    "nrc": 23.14,
    "term": 24,
    "total": 578.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
    "accessMedium": "Fiber",
    "mrc": 23.15,
    "nrc": 23.16,
    "term": 36,
    "total": 856.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
    "accessMedium": "Fiber",
    "mrc": 23.17,
    "nrc": 23.18,
    "term": 48,
    "total": 1135.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
    "accessMedium": "Fiber",
    "mrc": 23.19,
    "nrc": 23.2,
    "term": 60,
    "total": 1414.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
    "accessMedium": "Fiber",
    "mrc": 23.21,
    "nrc": 23.22,
    "term": 84,
    "total": 1972.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC12C",
```

## Success Response Example

```
"accessMedium": "Fiber",
"mrc": 23.23,
"nrc": 23.24,
"term": 120,
"total": 2810.83
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12C",
  "accessMedium": "Fiber",
  "mrc": 23.25,
  "nrc": 23.25,
  "term": 240,
  "total": 5603.25
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12C",
  "accessMedium": "Fiber",
  "mrc": 23.25,
  "nrc": 23.25,
  "term": "MM",
  "total": 46.5
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC12C",
  "accessMedium": "Fiber",
  "mrc": 23.26,
  "nrc": 23.27,
  "term": "MM",
  "total": 46.53
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48C",
  "accessMedium": "Fiber",
  "mrc": 24.11,
  "nrc": 24.12,
  "term": 12,
  "total": 313.44
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48C",
  "accessMedium": "Fiber",
  "mrc": 24.13,
  "nrc": 24.14,
  "term": 24,
  "total": 603.26
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48C",
  "accessMedium": "Fiber",
  "mrc": 24.15,
  "nrc": 24.16,
  "term": 36,
  "total": 893.56
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48C",
  "accessMedium": "Fiber",
  "mrc": 24.17,
  "nrc": 24.18,
  "term": 48,
  "total": 1184.34
}, {
  "serviceName": "SONET/TDM",
  "speedName": "OC48C",
  "accessMedium": "Fiber",
  "mrc": 24.19,
  "nrc": 24.2,
  "term": 60,
```

## Success Response Example

```
    "total": 1475.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48C",
    "accessMedium": "Fiber",
    "mrc": 24.21,
    "nrc": 24.22,
    "term": 84,
    "total": 2057.86
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48C",
    "accessMedium": "Fiber",
    "mrc": 24.23,
    "nrc": 24.24,
    "term": 120,
    "total": 2931.83
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48C",
    "accessMedium": "Fiber",
    "mrc": 24.25,
    "nrc": 24.25,
    "term": 240,
    "total": 5844.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48C",
    "accessMedium": "Fiber",
    "mrc": 24.25,
    "nrc": 24.25,
    "term": "MM",
    "total": 48.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC48C",
    "accessMedium": "Fiber",
    "mrc": 24.26,
    "nrc": 24.27,
    "term": "MM",
    "total": 48.53
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.11,
    "nrc": 25.12,
    "term": 12,
    "total": 326.44
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.13,
    "nrc": 25.14,
    "term": 24,
    "total": 628.26
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.15,
    "nrc": 25.16,
    "term": 36,
    "total": 930.56
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
```

## Success Response Example

```
    "accessMedium": "Fiber",
    "mrc": 25.17,
    "nrc": 25.18,
    "term": 48,
    "total": 1233.34
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.19,
    "nrc": 25.2,
    "term": 60,
    "total": 1536.6
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.21,
    "nrc": 25.22,
    "term": 84,
    "total": 2142.85
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.23,
    "nrc": 25.24,
    "term": 120,
    "total": 3052.83
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.25,
    "nrc": 25.25,
    "term": 240,
    "total": 6085.25
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.25,
    "nrc": 25.25,
    "term": "MM",
    "total": 50.5
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "OC192C",
    "accessMedium": "Fiber",
    "mrc": 25.26,
    "nrc": 25.27,
    "term": "MM",
    "total": 50.53
  }
}
}, {
  "id": 4562928,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "1301 Airpark Rd",
  "city": "Woodward",
  "state": "OK",
  "zip": "73801",
  "msa": null,
  "country": null,
  "country": "USA",
  "created_at": "2022-10-10T14:09:50.000Z",
  "result": 1,
  "product_id": null,
```

## Success Response Example

```
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": null,
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4562927,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "22 Jalan Senayan",
  "city": "Jakarta Selatan",
  "state": "JABODETABEK",
  "zip": "12180",
  "msa": null,
  "county": null,
  "country": "IDN",
  "created_at": "2022-10-10T14:09:10.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4562926,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "22 Jalan Senayan",
  "city": "Jakarta Selatan",
  "state": "JABODETABEK",
  "zip": "12180",
  "msa": null,
  "county": null,
  "country": "IDN",
  "created_at": "2022-10-10T14:08:30.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4562663,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "1860 W 20th St",
  "city": "Joplin",
  "state": "MO",
  "zip": "64804",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-10T09:30:28.000Z",
  "result": 1,
```

## Success Response Example

```
"product_id": null,
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": null,
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4562658,
  "login_id": "siva.m@capestart.com",
  "route": "Portal",
  "address": "58 Marietta St",
  "city": "Atlanta",
  "state": "GA",
  "zip": "30303",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-10T08:27:49.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4562448,
  "login_id": "siva.m@capestart.com",
  "route": "Portal",
  "address": "601 SW 8th Ave",
  "city": "Miami",
  "state": "FL",
  "zip": "33130",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-10T08:18:59.000Z",
  "result": 1,
  "product_id": "",
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": [{
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "",
    "mrc": 50,
    "nrc": 100,
    "term": 12,
    "total": 700
  }, {
    "serviceName": "SONET/TDM",
    "speedName": "DS0",
    "accessMedium": "",
    "mrc": 20,
```

## Success Response Example

```
"nrc": 25,
"term": 24,
"total": 505
}, {
  "serviceName": "SONET/TDM",
  "speedName": "DS0",
  "accessMedium": "",
  "nrc": 200,
  "nrc": 300,
  "term": "MM",
  "total": 500
}]
}, {
  "id": 4562447,
  "login_id": "siva.m@capestart.com",
  "route": "Portal",
  "address": "601 SW 8th Ave",
  "city": "Miami",
  "state": "FL",
  "zip": "33130",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-10T08:18:41.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4562442,
  "login_id": "siva.m@capestart.com",
  "route": "Portal",
  "address": "1961 Chain Bridge Rd",
  "city": "McLean",
  "state": "VA",
  "zip": "22102",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-10T08:04:33.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4562441,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "1600 S De Anza Blvd",
  "city": "San Jose",
  "state": "CA",
  "zip": "95129",
  "msa": null,
  "county": null,
```

## Success Response Example

```
"country": "USA",
"created_at": "2022-10-10T07:45:31.000Z",
"result": 1,
"product_id": null,
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": null,
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4562440,
  "login_id": "siva.m@capestart.com",
  "route": "Portal",
  "address": "601 SW 8th Ave",
  "city": "Miami",
  "state": "FL",
  "zip": "33130",
  "msa": null,
  "country": null,
  "country": "USA",
  "created_at": "2022-10-10T07:38:06.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4562439,
  "login_id": "siva.m@capestart.com",
  "route": "Portal",
  "address": "601 SW 8th Ave",
  "city": "Miami",
  "state": "FL",
  "zip": "33130",
  "msa": null,
  "country": null,
  "country": "USA",
  "created_at": "2022-10-10T07:37:36.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": "Connected Power Inc",
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4561762,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "22 Jalan Senayan",
  "city": "Jakarta Selatan",
  "state": "JABODETABEK",
  "zip": "12180",
  "msa": null,
```



## Success Response Example

```
"country": null,
"country": "IDN",
"created_at": "2022-10-07T16:32:53.000Z",
"result": 1,
"product_id": null,
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": null,
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4561598,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "Plaza Indonesia Extension",
  "city": "Lt. 4",
  "state": "Jakarta Pusat",
  "zip": "",
  "msa": null,
  "country": null,
  "country": "IDN",
  "created_at": "2022-10-07T16:31:16.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4561597,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "Plaza Indonesia Extension",
  "city": "Lt. 4",
  "state": "Jakarta Pusat",
  "zip": "",
  "msa": null,
  "country": null,
  "country": "IDN",
  "created_at": "2022-10-07T16:29:20.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4561596,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "Pesiaran Caps Square",
  "city": "Kuala Lumpur",
  "state": "undefined",
  "zip": "",
```

## Success Response Example

```
"msa": null,
"country": null,
"country": "MYS",
"created_at": "2022-10-07T16:29:20.000Z",
"result": 1,
"product_id": null,
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": null,
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4561221,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "Kanalstraße 10",
  "city": "Stuttgart",
  "state": "Baden-Württemberg",
  "zip": "70182",
  "msa": null,
  "country": null,
  "country": "DEU",
  "created_at": "2022-10-07T16:20:33.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4561220,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "Plaza Indonesia Extension",
  "city": "Lt. 4",
  "state": "Jakarta Pusat",
  "zip": "",
  "msa": null,
  "country": null,
  "country": "IDN",
  "created_at": "2022-10-07T16:20:21.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4561182,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "fX Sudirman",
  "city": "Lt. 1",
  "state": "Jakarta Pusat",
```

## Success Response Example

```
"zip": "",
"msa": null,
"county": null,
"country": "IDN",
"created_at": "2022-10-07T15:38:45.000Z",
"result": 1,
"product_id": null,
"product_name": null,
"requesting_company": "Dell - QA Anu",
"request_type_id": 8,
"target_company_id": 660,
"error_message": "",
"companyname": "Dell - QA Anu",
"user_company": null,
"quote_id": null,
"pricing_quotes": null
}, {
  "id": 4561181,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "1301 Airpark Rd",
  "city": "Woodward",
  "state": "OK",
  "zip": "73801",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-07T15:38:07.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}, {
  "id": 4561176,
  "login_id": "sajeena.l@capestart.com",
  "route": "Portal",
  "address": "1301 Airpark Rd",
  "city": "Woodward",
  "state": "OK",
  "zip": "73801",
  "msa": null,
  "county": null,
  "country": "USA",
  "created_at": "2022-10-07T15:36:35.000Z",
  "result": 1,
  "product_id": null,
  "product_name": null,
  "requesting_company": "Dell - QA Anu",
  "request_type_id": 8,
  "target_company_id": 660,
  "error_message": "",
  "companyname": "Dell - QA Anu",
  "user_company": null,
  "quote_id": null,
  "pricing_quotes": null
}],
"currency_type": "$",
"count": 79
}
```

## Response Attribute Descriptions

Response Attribute	Attribute Description	Data Type
body	object wrapper	object
id	A primary key id that is extracted from the platform table for Connectbase use only.	string
login_id	The Email address associated with the end user that performed the query in the Availability Engine, CPQ, or Serviceability Portal.	string
route	The source of the request (Get Location, Get Products, CPQ Internal API, Get Access Availability, CPQ Quote or Portal).	string
address	Street address	string
city	city name	string
state	state name	string
zip	postal code	string
msa	metropolitan service area	string
county	county name	string
country	country name	string
created_at	The date and time in which the query was performed.	datetime
result	Result = 1 (success request) Result = 0 (failed request)	int
product_id	The product Id of the specific product searched for in either CPQ or Availability Engine API. Refer to <a href="#">Appendix B</a> for detailed product_id descriptions	string
product_name	The product name associated with the product_id.	string
requesting_company	The company associated with the end user querying the Availability Engine, CPQ, or Serviceability Portal.	string
request_type_id	The Id that is directly related to the route, for example CPQ = 3	int
target_company_id	The instance id within The Connected World platform.	int
error_message	Success (result(s) found) or Fail (not serviceable)	string
company_name	The name of the targeted instance/ company related to the specific query.	string
user_company	The company assigned to the Serviceability portal user.	string
quote_id	System generated quote id.	int

Response Attribute	Attribute Description	Data Type
pricing_quotes	Object header for CPQ or Availability Engine results. Refer to the associated API Reference Guide for details.	array
serviceName	The name of the product/service that was quoted.	string
speedName	The name associated with the selected speed, such as OC-3, OC48, etc.	string
accessMedium	The access medium that was quoted, such as Fiber, Coax/HFC, etc.	string
mrc	monthly recurring cost	float
nrc	non-recurring cost	float
term	The term associated with the product and speed	string
total		float
currency	Currency default as defined in company instance	string
count	Total number of records found that can be divided by page and size for each page	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."
}
```

## Appendix A – Route Parameter Values

Route (UI)	Route (Developer portal)	Usage	API
Get Location	location	To retrieve information about the locations of the companies.  (Obtaining information about company buildings and their respective locations from Availability Engine, we are showing the request using the "Get Location" route in Demand Engine.)	GET companies/{companyid}/locations/{locationid}  (Developer Portal)
Get Products	product	To retrieve information about the products of the location in the companies.  (Obtaining information about products of the companies from Availability Engine, we are showing the request using the "Get Products" route in Demand Engine.)	GET companies/{companyid}/locations/{locationid}/products  GET companies/{companyid}/locations/{locationid}/products/{productid}  (Developer Portal)
CPQ Internal API	internal	To quote pricing in CPQ.  (Quoting pricing with providers in CPQ, we are showing the request using the "CPQ Internal API" route in Demand Engine to allow the providers to view the users who have quoted the pricing.)	My Quotes & Developer portal CPQ
Get Access Availability	access availability	To obtain the price and availability of certain products within a specified address.  (Obtaining information about the companies from Availability Engine, we are showing the request using the "Get Access Availability" route in Demand Engine.)	POST getAccessAvailability  (Developer Portal)
CPQ Quote	Quote	To quote the pricing in CPQ.  (Quoting pricing in CPQ, we persist the request using the "CPQ Quote" route as part of the process.)	My Quotes & Developer portal (CPQ)

Route (UI)	Route (Developer portal)	Usage	API
Portal	Portal	<p>To request location, pricing, or information from Serviceability-Portal/ATT Portal.</p> <p>(Searching for location information, viewing pricing, or requesting location information using the Serviceability-Portal/ATT Portal, we persist the request using the "Portal" route.)</p>	Serviceability Portal /ATT Portal

## Appendix B - Product\_id Value Pair

<b>product_id</b>	<b>Product Name</b>
1	SONET/TDM
3	Wavelengths
4	Dark Fiber
5	MPLS
6	Dedicated Internet
7	Broadband
8	WiFi
9	Cloud Connect
10	VoIP
11	Ethernet Dedicated
12	Ethernet Switched
13	Frame
14	SD WAN
15	User Network Interface
16	Static IP
17	Network - Network Interface
18	Dedicated Internet Managed
19	VPN
20	Ethernet Switched w/COS
21	Ethernet Switched w/COS2
22	Ethernet Dedicated w/COS
23	Ethernet Dedicated w/COS2
26	Data Center Services



## Revision History

Revision	Date	Description
00	June 28, 2021	This is the initial release of this document.
01	January 10, 2022	Added a new success example and a table of response attributes and descriptions.
01-1	February 01, 2022	Rebranded the document template with a new title page, company name, logo, and updated fonts.
02	October 12, 2022	Incorporated an updated Success Response Example and added the Data Dictionary response attributes and data types.
03	April 20, 2023	Updated API and UI Route values and added Appendix A for route value definitions
04	May 03, 2023	Updated currency and count definition in Response Attribute Description Table
05	September 25, 2023	New publication of the document with minor editorial updates.
06	April 03, 2024	Added Appendix B - Product IDs Value Pair table.