

# **Technical Implementation Reference Guide**

# V3 Direct

Two-call API
Does not require shipment-level detail for quote

**US Version** 

# Technical Implementation Reference Guide

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### **Overview**



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#### What is an API?

The acronym "API" stands for "Application Programming Interface".

APIs in their simplest form allow the transmission of data. APIs are an industry standard interface designed for external/internal software programs to accomplish specific tasks, usually for retrieving or modifying data in applications. In more advanced approaches, APIs are deployed to deliver streaming video, audio, and telephone services via smartphones, televisions, or internet-enabled kiosks.

The most popular approach to APIs is the open-data movement. Using APIs, data owners can easily expose information from data silos, allowing public or private access to large and small datasets.

UPS Capital APIs provide methods to interact/perform operations on their client transactional data within the UPS Capital network.

Programmers use the APIs to make interactive applications, websites and other projects. These programs will talk to the UPS Capital IT systems over industry standard network protocols. APIs are built using existing web technology, specifically the HTTP/HTTPS protocol that the World Wide Web employs to deliver content around the globe.

We conform to the design principles of Representational State Transfer (REST). Typically, we use a RESTful design for our APIs. The concept of REST is to separate the API structure into logical resources.

We use the HTTP methods GET, DELETE, POST and PUT to operate with the resources.

- Methods to retrieve data from the API require a GET request.
- Methods that create data require a POST request.
- Methods that update data require a PUT request.
- Methods that delete data require a DELETE request.

The API presently supports the JSON format only.

APIs require a particular HTTP method to return an error response if the request is not made with the correct payload (aka input).

#### **Getting Started**

The first step is to ensure all the contractual agreements between UPS Capital (UPSC) and the new customer are completed. Once the agreements are finalized, the UPSC IT API integration team will setup a sandbox environment for the new customer with sample rates



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to enable the API interactions. The customer IT team will reach out to the UPSC API team for user credentials and other information for enabling secure REST API- based interactions with UPS Capital IT systems.

#### Security / Authentication

UPS Capital APIs use secure OAUTH tokens for service authentication. During the customer onboarding process, the customer procures credentials for accessing the Token API. Any calls to the REST API endpoints (excluding Token API) should be made with bearer tokens in the request headers. The token can be retrieved from the Token API specified below. The token will be usable for 4 hours. It is refreshed after 4 hours and it is required to be updated to a new token once refreshed.

#### **TOKEN API**

```
Endpoint: https://onlinetoolsuat.ups.com/ent-services/security/v1/oauth/token
Request Parameters

No request body

Request Headers
Username
Password

Token API (Response)

{

"token_type": "Bearer",
 "issued_at": "1747851532915",
 "client_id": "",
 "access_token": ",
 "expires_in": "14399",
 "status": "approved"
}
```



#### **Technical Implementation Reference Guide**

Token\_type String

Indicates token type

Issued at String

Indicates the time token was requested in Epoch format.

Client id String

Indicates a unique identifier of customer (same as

username).

Access token String

Indicates token to be used for calling other APIs

Expires\_in String

Indicates the time token will expire in Epoch format.

Status\_ String

Indicates if token retrieval is approved.

#### Multi-Piece Shipments (If Applicable)

Package level detail is preferred for each transaction. This means that each box's aligned tracking number and individual insured value is sent via the API. In the event you are unable to send package level detail, we ask that you send us the lead or parent tracking number for the group of packages, as well as the total insurable value for all packages included in the shipment.

- Example Scenario #1 (Preferred) ○ 3 packages being sent to the same recipient on the same day ○ Total insured value for shipment: \$700 ○ What is sent via API:

☐ BOL/ Tracking # 123XYZ; Package 1 value - \$150

☐ BOL/ Tracking # 456XYZ; Package 2 value - \$350

☐ BOL/ Tracking # 789XYZ; Package 3 value - \$200

- Example Scenario #2 (Alternative) ○ 3 packages being sent to the same recipient on the same day ○ Total insured value for shipment: \$700 ○ What is sent via API:

Lead or Parent BOL/ Tracking # 123XYZ; Package 1 value - \$700

In the event of a claim for a multi-piece shipment, the shipper must file against the lead or parent tracking number passed to us via API. A manifestation of all tracking numbers included within the shipment, paired with invoices for all packages within the shipment must be provided via the Document section of our online claims process.



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### **Insurance Service – APIs**



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#### Insurance Service - URLs

UPS Capital Insurance Coverage API

The API's purpose is to allow SMB and Enterprise customers to receive quotes and confirm insurance coverage for safe and timely package/cargo delivery.

#### Create Quote API

Customer's request for a new insurance quote by providing the necessary shipment information.

Post https://onlinetoolsuat.ups.com/ent-services/caponinsurance/v3/quotes

This method creates a quote in the system for insurance coverage.

#### Request



### **Technical Implementation Reference Guide**

insuredValue Number(\$double)

Required

Indicates Insured Value of the shipment.

shipmentType String

Required Indicates Mode of

Transportation.
1 - Truck or Train
3 - Small Package

5 - Ocean Freight6 - Air Freight

7 - Mail or Parcel Post

commodityCode String

Conditional

Indicates numeric commodity code of item in the

shipment.

shipperId String

Conditional

Indicates Customer shipper identifier. Value should be

unique for each shipper account.

originCountry String

Conditional

Indicates the country from where the insured package is

shipped.

destinationCountry String

Conditional

Indicates the country to where the

insured package is shipped



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```
Example:

{
    "partnerId": "9097818844",
    "insuredValue": "200",
    "shipmentType": "3",
        "commodityCode": "400" }
```

#### Response

| Response Headers               |  |  |
|--------------------------------|--|--|
| content type: application/json |  |  |
|                                |  |  |

| Code | Description              |   |
|------|--------------------------|---|
| 200  | Successful Operation     |   |
|      | QuoteReturn <sub>{</sub> |   |
|      | quoteID                  | <pre>string(\$UUID) Indicates the uniquely generated QuoteId by UPS Capital for the Customer requested shipment information (Quote ID is Valid for 30 Days)</pre> |
|      | status                   | <pre>string Indicates the status of the insurance coverage selected by the customer for the shipment</pre>  |
|      | premiumAmount            | <pre>number(\$double) Indicates the insurance premium value for the Shipment Value &amp; carrier in the quote request</pre>                                       |
|      |                          |   |



```
ApiResponseFault

"response": {

    "errors": [

    {

        "code":"250002",
```



```
"message":"Invalid
          Authentication Information."
           }
404
           Resource not found
           ApiResponseFault<sub>{</sub>
                                       integer($int32)
                  message String description String
                  errors
                                        [errors{
                                             code string
field string
message string
                                  }]
            }
```



```
200 - Successful Operation
{
    "quoteId": "0da2fdcd5582455793a01889a269e014",
    "premiumAmount": "22.00",
    "quoteDateTime": "2020-06-15T13:53:24.767",
    "quoteValidTo": "2020-07-15T13:53:24.767",
    "quoteInfo": {
        "partnerId": "111156234510",
        "status": "UNCONFIRMED",
```

```
"shipmentInfo": {
        "insuredValue": "130120.00",
        "commodityCode": "400",
        "shipmentType": "1"
    },
    "originAddress": {
        "address1": "3053520 SE 843rd St.",
        "address2": ".",
        "city": "Wombat",
        "state": "WA",
        "postalCode": "98010",
```



```
"countryCode": "US"
      },
 }
 400- Invalid Payload format
     "errors": [
               "errorCode": "400",
              "errorMessage": ""
     ]
401 – Authentication Error
"response": {
    "errors": [
      {
         "code":"250002",
         "message":"Invalid Authentication Information."
}
```





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#### Confirm Coverage API

Customer's request for confirming shipment for which insurance coverage was previously quoted by providing the necessary coverage information.

#### **Post**

https://onlinetoolsuat.ups.com/ent-services/caponinsurance/v3/confirmQuote

This method places the insured shipment picked up by the carrier in a confirmed status and eligible for future claim requests.

#### Request

#### **Request Parameters**

body \* (required)

Quote object needs to be sent to the API as a request payload...

#### **Request Headers**

**Content Type:** application/json

Authorization: Bearer: < secure token>

#### Model:

Coverage



### **Technical Implementation Reference Guide**

quoteId String

Required

Indicates assigned quote Id of customer

PartnerId String

Required

Indicates assigned partner Id of customer

bol String

Required

Indicates Bill of Lading Number or tracking number for the shipment.

status String

Required

Indicates current status of the Package that is being insured by

the customer.

shipDate String(\$date)

Required

Indicates package shipment date.

Fmt: YYYY-MM-DD Eg: "2017-10-20

insuredValue Number(\$double)

Required

Indicates Insured Value of the shipment

shipperId String

Indicates the country from where the insured package is shipped.

Carrier String

Required

 ${\tt Indicates}\ {\tt transportation}\ {\tt carrier.}$ 

shipmentType String

Required

Indicates Mode of Transportation.

1 - Truck or Train

3 - Small Package

4 - Ocean Freight

6 - Air Freight

7 - Mail or Parcel Post



#### **Technical Implementation Reference Guide**

commodity String

Require

Indicates numeric commodity code of item in the shipment

consigneeName String

Indicates the name of the consignee

originAddress1 String

Required

Indicates the first line of the address/location from where the

insured package is shipped

originAddress2 String

Indicates the second line of the address/location from where the

insured package is shipped.

originCity String

Required

Indicates the city from where the insured package is shipped

originPostalCode String

Required

Indicates the origin postal code

originState String

Required

Indicates the state from where the insured package is shipped.

destinationAddress1 String

Required

Indicates the first line of the address/location to where the

insured package is shipped

destinationAddress2 String

Indicates the second line of the address/location to where the

insured package is shipped

destinationCity String

Required

Indicates the city to where the insured package is shipped.

destinationState String

Required

Indicates the state to where the insured package is shipped



### **Technical Implementation Reference Guide**

destinationPostalcode String

Required

Indicates the destination postal code.

originCountry String

Required

Indicates the country from where the insured package is shipped

destinationCountry String

Required

Indicates the country to where the insured package is shipped

packageQuantity Int

Indicates the number of packages being insured for small

packages 1-9.

referenceFields String

Required

Merchants use for description or data to appear on CSV invoice.

#### ShipmentStatus Enum:

[ UNCONFIRMED, CONFIRMED, VOID ]

For Confirm Shipment request, "CONFIRMED" & "VOID" are the only value allowed.

- UNCONFIRMED status can change to CONFIRMED or VOID.
- CONFIRMED status can change to VOID if within 180 minutes of status being CONFIRMED.

**VOID** status cannot be changed. To purchase valid coverage, one need to start over by submitting a new create quote request again.



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#### Response

| Respons | Response content type :  application/json |  |  |
|---------|---|--|--|
| Code    | Description                               |  |  |
| 200     | Successful Operation                      |  |  |

| ConfirmReturn {    quoteId | <pre>string(\$UUID) Indicates the uniquely generated QuoteId by UPS Capital for the customer requested shipment information</pre> |
|----------------------------|---|
| premiumAmount              | <pre>number(\$double) Indicates the insurance premium value for the Shipment Value &amp; carrier in the quote request</pre>       |
| status                     | <pre>string Indicates the status of the insurance coverage selected by the customer for the shipment</pre>                        |



```
400
        Invalid payload format
        ApiResponseFault
            "errors": [
                    "errorCode":"400",
                    "errorMessage": ""
            ]
        Authentication Error
401
        ApiResponseFault
        "response": {
            "errors": [
              {
                 "code":"250002",
                 "message":"Invalid Authentication
        Information."
        }
```



| 404 | Resource not found                    |
|-----|---------------------------------------|
|     |                                       |
|     | ApiResponseFault <sub>{</sub>         |
|     | code integer(\$int32)                 |
|     | message String                        |
|     | description String                    |
|     |                                       |
|     | errors [errors code                   |
|     | <pre>code string field string</pre>   |
|     | message string                        |
|     |                                       |
|     |                                       |
|     | }1                                    |
|     | }                                     |
|     |                                       |
| 500 | Internal Server Error                 |
|     |                                       |
|     | ApiResponseFault <sub>{</sub>         |
|     | code integer (\$int32) message String |
|     | Description String                    |
|     |                                       |
|     | errors [errors code                   |
|     | field string field string             |
|     | message string                        |
|     |                                       |
|     |                                       |
|     | }1                                    |
|     |                                       |
|     |                                       |
|     |                                       |
|     | }                                     |
|     | }                                     |
|     | }                                     |



```
Example:
 200 - Successful Operation
   "quoteId": "0da2fdcd5582455793a01889a269e014",
   "premiumAmount": "1.50",
   "quoteInfo": {
       "partnerID": "ZZZ001",
       "status": "CONFIRMED",
       "shipmentInfo": {
           "carrier": "RCLA",
           "shipDate": "2022-08-20",
           "bol": "86603075",
           "insuredValue": "300.00",
           "commodityCode": "400",
           "consigneeName": "Jon Doe",
           "shipmentType": "1"
      },
"originAddress": {
''':"1
           "address1": "123 Main St",
           "address2": ".",
           "city": "Preston",
           "state": "AL",
           "postalCode": "30290",
           "countryCode": "US"
      },
```



```
"destinationAddress": {
          "address1": "456 Main St",
          "address2": ".",
          "city": "Wombat",
          "state": "CA",
          "postalCode": "98010", "countryCode": "US"
}
    400- Invalid Payload format
   "errors": [
             "errorCode": "400",
            "errorMessage": ""
   ]
   401 – Authentication Error
"response": {
   "errors": [
     {
       "code":"250002",
       "message":"Invalid Authentication Information."
```



```
404 - Resource Not Found

{
    "errors":[
        {
            "errorCode": "404",
            "errorMessage": "The resource was not found."
        }
    ]
}

500 - Internal Server Error

{
    "errors":[
        {
            "errorCode": "500",
            "errorMessage": "Internal Server Error."
        }
    ]
}
```



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# **Error Messages**



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### **Error Messages Matrix**

| API                                  | Scenario                             | Error Code | Error Messages   |
|--------------------------------------|--------------------------------------|------------|--|
|                                      | Invalid credentials for Token<br>API |            | Client credentials are invalid   |
| Token API                            |                                      | 10401      |  |
| All APIs<br>(excluding token<br>API) | Token has timed out                  | 250002     | Invalid Authentication Information   |
| Create Quote                         | partnerId field is invalid           | 400        | Token does not match assigned PartnerID. Please verify with IT resource.   |
| Create Quote                         | shipmentType is invalid              | 400        | Shipment type is either not included in policy or is an invalid format.  ShipmentType indicates mode of transportation and must be a numeric value that aligns with the following modes: 1 –Truck or Train 3 –Small Package 5–Ocean Freight 6–AirFreight 7 –Mail or Parcel Post. |
| Create Quote                         | commodity is invalid                 | 400        | Commodity code is missing or invalid. Please enter numeric characters only. Commodity Code indicates numeric commodity code of item in the shipment.   |
| Create Quote                         | originCountry Error                  | 400        | Please enter a valid origin Country, only alphabetical characters allowed.   |
| Create Quote                         | destinationCountry Error             | 400        | Please enter a valid destination<br>Country, only alphabetical characters<br>allowed.  |
| Create Quote                         | insuredValue is missing              | 400        | Insured Value is missing or invalid. Please provide a numeric value with two decimal places. Ex: 100.00  |



| Create Quote | insuredValue is invalid    | 400 | Insured Value is missing or invalid. Please provide a numeric value with two decimal places. Ex: 100.00  |
|--------------|----------------------------|-----|--|
| Create Quote | shipperID                  | 400 | Shipper ID is missing or invalid. Please enter alphanumeric characters only, no special characters.  ShipperID indicates customer shipper identifier. Value should be unique for each shipper account. |
| Coverage     | quoteld is missing         | 400 | Quote ID is missing or invalid. Quote ID indicates the uniquely generated QuoteID by UPS Capital for the customer requested shipment information.  |
| Coverage     | quoteld is invalid         | 400 | Quote ID is missing or invalid. Quote ID indicates the uniquely generated QuoteID by UPS Capital for the customer requested shipment information.  |
| Coverage     | partnerId field is invalid | 400 | Token does not match assigned PartnerID. Please verify with IT resource.   |
| Coverage     | bol is invalid             | 400 | bol has invalid characters, null or exceeding 34 character limit   |
| Coverage     | Bol is missing             | 400 | bol has invalid characters, null or exceeding 34-character limit   |
| Coverage     | shipDate field is missing  | 400 | Ship Date is invalid. Please enter date in YYYY-MM-DD format. Ex: 2022-0706  |
| Coverage     | shipDate field is invalid  | 400 | Ship Date is invalid. Please enter date in YYYY-MM-DD format. Ex: 2022-0706  |
| Coverage     | insuredValue is missing    | 400 | insuredValue null  |



| Coverage | shipDate field less than<br>current date or greater than<br>30 days from current date | 400 | Shipdate must be within policy date limits, not a previously passed dated, and no greater than 30 days from current date   |
|----------|---|-----|--|
| Coverage | insuredValue is invalid   | 400 | Insured Value is missing or invalid. Please provide a numeric value with two decimal places. Ex: 100.00  |
| Coverage | insuredValue is missing   | 400 | Insured Value is missing or invalid. Please provide a numeric value with two decimal places. Ex: 100.00  |
| Coverage | shipperID   |     | Shipper ID is missing or invalid. Please enter alphanumeric characters only, no special characters.  |
|          |   |     | ShipperID indicates customer shipper identifier. Value should be unique for each shipper account.  |
| Coverage | carrier is invalid  | 400 | Carrier field is invalid. Please enter alphanumeric characters only.   |
| Coverage | shipmentType is invalid   | 400 | Shipment type is either not included in policy or is an invalid format.  ShipmentType indicates mode of transportation and must be a numeric value that aligns with the following modes: 1 –Truck or Train 3 –Small Package 5–Ocean Freight 6–AirFreight 7 –Mail or Parcel Post. |
| Coverage | commodity is invalid  | 400 | Commodity code is missing or invalid. Please enter numeric characters only. Commodity Code indicates numeric commodity code of item in the shipment.   |
| Coverage | originAddress1 Error  | 400 | Please enter a valid origin address.  Please enter alphanumeric characters;  Only the following special characters  are allowed: - + & () / , ~ `# . : ; " * '   |



| Coverage | originAddress2 Error        | 400 | Please enter a valid origin address.  Please enter alphanumeric characters;  Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
|----------|-----------------------------|-----|--|
| Coverage | originCity Error            | 400 | Please enter a valid origin city, only alphabetical characters allowed.  |
| Coverage | originPostalCode Error      | 400 | Please enter a valid origin Postal Code, only numerical characters allowed.  |
| Coverage | originState Error           |     | Please enter a valid destination US State<br>Code for US, CA, or PR Country Code.  |
| Coverage | originCountry Error         |     | Please enter a valid origin Country, only alphabetical characters allowed.   |
| Coverage | destinationAddress1 Error   | 400 | Please enter a valid destination address. Please enter alphanumeric characters; Only the following special   |
|          |                             |     | characters are allowed: - + & () / , ~ ` # . : ; " * '   |
| Coverage | destinationAddress2 Error   | 400 | Please enter a valid destination address. Please enter alphanumeric characters; Only the following special characters are allowed: - + & () / , ~ `# .:; " * ' |
| Coverage | destinationCity Error       | 400 | Please enter a valid destination City, only alphabetical characters allowed.   |
| Coverage | destinationState Error      | 400 | Please enter a valid destination US State Code for US, CA, or PR Country Code.   |
| Coverage | destinationPostalCode Error | 400 | Please enter a valid destination Postal<br>Code, only numerical characters<br>allowed.   |
| Coverage | destinationCountry Error    |     | Please enter a valid destination Country, only alphabetical characters allowed.  |
| Coverage | status is invalid           | 400 | Status must be set to UNCONFIRMED  |



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| Coverage | status is called "confirmed" after being called "void"                  | 400 | Previously voided quotes cannot be confirmed.   |
|----------|---|-----|---|
| Coverage | status is called "void" more<br>than 30 minutes after<br>"confirmation" | 400 | Quote status cannot be changed from<br>Confirm to Void after a period of 180<br>minutes has elapsed. Please submit a<br>new quote |

#### **Field Validations**

| Field Name                       | Validations  |
|----------------------------------|--|
| partnerld                        | Alphanumeric   |
| All Address Fields- Address 1,2  | Alphanumeric; Only the following special characters are allowed: -+ & () / , ~ ` # . : ; " * ' |
| All Address Fields – City        | Alphabetical   |
| All Address Fields – Country     | Alphabetical   |
| All Address Fields – State       | Valid US State Code for US, CA, or PR Country Code   |
| All Address Fields – Postal Code | Numerical  |
| bol                              | Numeric  |
| carrier                          | Alphanumeric   |
| commodity                        | Numeric  |
| consigneeName                    | Alphanumeric; Only the following special characters are allowed: -+ & () / , ~ ` # . : ; " * ' |
| insuredValue                     | Decimal  |
| packageQuantity                  | Int (1-9)  |
| quoteID                          | Alphanumeric   |
| referenceFields                  | Alphanumeric   |
| serviceLevel                     | Alphanumeric   |



| shipDate     | Date/Validation            |
|--------------|----------------------------|
| shipmentType | Numeric                    |
| status       | Confirmed/Unconfirmed/Void |



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# **Support Tables**



# Technical Implementation Reference Guide

#### **4.1 Carrier List**

| Carrier Name                     | SCAC |
|----------------------------------|------|
| A. Duie Pyle, Inc                | PYLE |
| AAA Cooper Transportation        | AACT |
| ABF Freight System Inc/ArcBest   | ABFS |
| AIT Worldwide                    | AIWL |
| APC Postal Logistics             |      |
| ARAMEX                           | AMIT |
| ASAP FREIGHT SERVICES            | ASA  |
| Arrow Express                    | ARWP |
| Averitt Express, Inc.            | AVRT |
| CCT CANADA                       | CGVO |
| CEVA LOGISTICS                   | CUOT |
| CROWLEY LOGISTICS                | CWYG |
| Central Freight Lines, Inc.      | CENF |
| Central Transport                | CTII |
| Con-Way Freight                  | CNWY |
| DAYLIGHT TRANSPORT               | DYLT |
| Dayton Freight Lines, Inc.       | DAFG |
| DHL                              |      |
| DICOM EXPRESS                    | DEIR |
| DLS WORLDWIDE                    | DLSW |
| EASTERN CONNECTION Operating Inc |      |
| Estes Express Lines              | EXLA |
| EXPEDITORS                       | EXPD |
| Estes Forwarding Worldwide, LLC  | EFWW |
| Forward Air, Inc.                | FWDN |
| Ground Freight Expeditors, LLC   | GFXP |



| Forward Air, Inc.  FedEx  FedEx  FedEx  FedEx Freight  FedEx Freight  Fedex Smart Post  GlobalTranz Enterprises, Inc.  GLJ  GLOVA-LINK Corporation  GLS DENMARK  HERCULES Freight  HRCF  USF Holland  HMES  JAS Forwarding  JASF  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  NEMF  ONTRAC  OTCL  Old Dominion Freight Line, Inc.  PIIOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PITD  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  RADIANT GLOBAL LOGISTICS  RGLN | FRONTLINE FREIGHT                  | FCSY |
|---|------------------------------------|------|
| FedEx Freight FEXF Fedex Smart Post FDEG GlobalTranz Enterprises, Inc. GLU GLOVA-LINK Corporation GLDI GLS DENMARK HERCULES Freight HRCF  USF Holland HMES JAS Forwarding JASF JP EXPRESS KUEHNE & NAGEL TRANSWORLD SHIPPING MIDWEST MOTOR EXPRESS MMEI Manna MFSY New Penn Motor Express NPME New England Motor Freight NEMF ONTRAC OTCL Old Dominion Freight Line, Inc. ODFL Pilot Air Freight LLC PAAF PILOT FREIGHT SERVICES Pitt Ohio Express, LLC PUROLATOR FREIGHT Panama Transfer, Inc. PANA R+L Carriers GMLS  | Forward Air, Inc.                  | FWDN |
| Fedex Smart Post GlobalTranz Enterprises, Inc. GLOVA-LINK Corporation GLS DENMARK HERCULES Freight HRCF  USF Holland JAS Forwarding JASF JP EXPRESS KUEHNE & NAGEL TRANSWORLD SHIPPING MIDWEST MOTOR EXPRESS New Penn Motor Express NPME New Penn Motor Freight ONTRAC OICL Old Dominion Freight Line, Inc. Pilot Air Freight LLC PILOT FREIGHT SERVICES Pitt Ohio Express, LLC PUROLATOR FREIGHT Panama Transfer, Inc. PANA R+L Carriers GMLS  | FedEx                              | FEDG |
| GlobalTranz Enterprises, Inc. GLOVA-LINK Corporation GLS DENMARK HERCULES Freight HRCF  USF Holland HMES JASF Forwarding JASF JP EXPRESS KUEHNE & NAGEL TRANSWORLD SHIPPING MIDWEST MOTOR EXPRESS MMEI Manna MFSY New Penn Motor Express NPME New England Motor Freight ONTRAC OTCL Old Dominion Freight Line, Inc. Pilot Air Freight LLC PHOT FREIGHT SERVICES Pitt Ohio Express, LLC PUROLATOR FREIGHT Panama Transfer, Inc. PANA R+L Carriers GMLS   | FedEx Freight                      | FEXF |
| GLOVA-LINK Corporation GLS DENMARK HERCULES Freight  HRCF  USF Holland  JAS Forwarding  JASF  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OTCL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS   | Fedex Smart Post                   | FDEG |
| GLS DENMARK  HERCULES Freight HRCF  USF Holland HMES  JAS Forwarding JASF  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS MMEI  Manna MFSY  New Penn Motor Express NPME  New England Motor Freight NEMF  ONTRAC OTCL  Old Dominion Freight Line, Inc. ODFL  Pilot Air Freight LLC PAAF  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC PITD  Plycon Van Lines, Inc PLCN  PUROLATOR FREIGHT  Panama Transfer, Inc. PANA  R+L Carriers GMLS  | GlobalTranz Enterprises, Inc.      | GELJ |
| HERCULES Freight  USF Holland  JAS Forwarding  JASF  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OICL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PHOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PITD  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS  | GLOVA-LINK Corporation             | GLDI |
| USF Holland  JAS Forwarding  JASF  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OICL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PIYCON Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS   | GLS DENMARK                        |      |
| JAS Forwarding  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OTCL  Old Dominion Freight Line, Inc.  ODFL  Pilot Air Freight LLC  PAAF  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS  | HERCULES Freight                   | HRCF |
| JAS Forwarding  JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OTCL  Old Dominion Freight Line, Inc.  ODFL  Pilot Air Freight LLC  PAAF  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS  |                                    |      |
| JP EXPRESS  KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OICL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PITD  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  MMEI  MMEI  MES  MFSY  NPME  NEMF  OTCL  OTCL  OTCL  PHE  PHE  PHE  PHE  PHE  PHE  PHE  PH  |                                    |      |
| KUEHNE & NAGEL TRANSWORLD SHIPPING  MIDWEST MOTOR EXPRESS  MMEI  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OICL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PITD  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  MMEI  MFSY  MMEI  MES  MFSY  NPME  NEMF  OTCL  OTCL  OTCL  PAAF  PHE  PHE  PHE  PHE  PHE  PHE  PHE  PH  | JAS Forwarding                     | JASF |
| MIDWEST MOTOR EXPRESS  Manna  MFSY  New Penn Motor Express  NPME  New England Motor Freight  ONTRAC  OTCL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PITD  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  MMEI  MFSY  MMEI  MFSY  MFSY  MFSY  NEMF  OTCL  OTCL  ODFL  PAAF  PAAF  PAAF  PANA  GMLS  | JP EXPRESS                         |      |
| Manna MFSY  New Penn Motor Express NPME  New England Motor Freight NEMF  ONTRAC OTCL  Old Dominion Freight Line, Inc. ODFL  Pilot Air Freight LLC PAAF  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC PITD  Plycon Van Lines, Inc PLCN  PUROLATOR FREIGHT  Panama Transfer, Inc. PANA  R+L Carriers GMLS   | KUEHNE & NAGEL TRANSWORLD SHIPPING |      |
| New Penn Motor Express  New England Motor Freight  ONTRAC  OTCL  Old Dominion Freight Line, Inc.  ODFL  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  NPME  NEMF  OTCL  PAAF  PHC  PAAF  PANA  GMLS   | MIDWEST MOTOR EXPRESS              | MMEI |
| New England Motor Freight  ONTRAC  OICL  Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  OTCL  PAAF  PAAF  PAAF  PANA  GMLS  | Manna                              | MFSY |
| ONTRAC OId Dominion Freight Line, Inc. ODFL Pilot Air Freight LLC PILOT FREIGHT SERVICES Pitt Ohio Express, LLC Plycon Van Lines, Inc PUROLATOR FREIGHT Panama Transfer, Inc. PANA R+L Carriers GMLS  | New Penn Motor Express             | NPME |
| Old Dominion Freight Line, Inc.  Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  PITD  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS   | New England Motor Freight          | NEMF |
| Pilot Air Freight LLC  PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS  | ONTRAC                             | OTCL |
| PILOT FREIGHT SERVICES  Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS   | Old Dominion Freight Line, Inc.    | ODFL |
| Pitt Ohio Express, LLC  Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS   | Pilot Air Freight LLC              | PAAF |
| Plycon Van Lines, Inc  PUROLATOR FREIGHT  Panama Transfer, Inc.  PANA  R+L Carriers  GMLS   | PILOT FREIGHT SERVICES             |      |
| PUROLATOR FREIGHT  Panama Transfer, Inc.  R+L Carriers  GMLS  | Pitt Ohio Express, LLC             | PITD |
| Panama Transfer, Inc.  R+L Carriers  GMLS   | Plycon Van Lines, Inc              | PLCN |
| R+L Carriers GMLS   | PUROLATOR FREIGHT                  |      |
|   | Panama Transfer, Inc.              | PANA |
| RADIANT GLOBAL LOGISTICS RGLN   | R+L Carriers                       | GMLS |
|   | RADIANT GLOBAL LOGISTICS           | RGLN |



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|---|------|
| USF Reddaway                                  | RETL |
| Roadrunner Freight                            | RDFS |
| Saia Motor Freight Line, LLC                  | SAIA |
| SMSA Express Transportation Company Ltd       |      |
| SOUTHWESTERN MOTOR TRANSPORT                  | SMTL |
| Spee-Dee Delivery                             | SDED |
| STD LOGISTICS LTD                             |      |
| STI Transport, Inc                            | SQRC |
| STREAM LINK EXPRESS, INC.                     | SLXB |
| Streamline Transportation Systems, LLC        | STYL |
| Southeastern Freight Lines, Inc.              | SEFL |
| TNT   |      |
| UPS Ground                                    | UPSC |
| UPS Ground Freight                            | UPGF |
| UPS Mail Innovation                           | UMID |
| UPS Supply Chain Solutions - Express Critical | UPSE |
| UPS SUREPOST                                  | UPSP |
| USF Holland                                   | HMES |
| USF Reddaway                                  | RETL |
| USPS  | USPS |
|   |      |
| Ward Trucking, LLC                            | WARD |
| Watkins & Shepard Trucking, Inc.              | WSVT |
| XPO Logistics Freight, Inc.                   | CNWY |
| XPO Logistics Freight, Inc.                   | CNWY |
| XPRESS GLOBAL                                 |      |
| YRC Freight                                   | RDWY |
| You Shop We Ship Denmark ApS                  |      |
|   |      |