

Vitran Express Online Rate Service

- I.) URL(s)
- a. <http://www.vitranexpress.com/webservices/RateQuote.asmx/RateRequest>
 - b. <http://www.vitranexpress.com/webservices/GetShipmentTerms.asmx/GetShipmentTerms>
 - c. <http://www.vitranexpress.com/webservices/GetShipmentTypes.asmx/GetShipmentTypes>
 - d. <http://www.vitranexpress.com/webservices/GetClasses.asmx/GetClasses>
 - e. <http://www.vitranexpress.com/webservices/GetExtraServices.asmx/GetExtraServices>
- II.) Definition of Services
- a. The primary service (RateQuote.asmx) should be consumed to retrieve a real-time rate quote for a shipment. It is essentially a duplicate of the Online Rate Quote (<http://vitranexpress.com/quote/pricing1.aspx>), but provided to allow other developers to programmatically retrieve rate quotes with custom or third party applications.
 - b. Several ‘support services’ have been created to retrieve enumeration values to be saved and then input into the primary web service. These support services are: GetShipmentTerms, GetShipmentTypes, GetClasses, and GetExtraServices.
 - c. All services accept query string parameters (eg. <http://website.org/service?value=1&value2=2>)
 - d. All services return a standard ISO-8859-1 XML Document. And may be consumed by any platform capable of http, and XML.
- III.) Example code is provided within this documentation package, in VB.Net
- IV.) Field List
- a. AccountNumber
 - b. ShipmentType (values obtainable from ‘GetShipmentTypes’ service)
 - c. ShipmentTerms (values obtainable from ‘GetShipmentTerms’ service)
 - d. OriginCity
 - e. OriginState
 - f. OriginZip
 - g. DestinationCity
 - h. DestinationState
 - i. DestinationZip
 - j. PickupDate
 - k. Shipment1Weight
 - l. Shipment2Weight
 - m. Shipment3Weight
 - n. Shipment4Weight
 - o. Shipment5Weight
 - p. Shipment1Class (values obtainable from ‘GetClasses’ service)
 - q. Shipment2Class (values obtainable from ‘GetClasses’ service)
 - r. Shipment3Class (values obtainable from ‘GetClasses’ service)
 - s. Shipment4Class (values obtainable from ‘GetClasses’ service)
 - t. Shipment5Class (values obtainable from ‘GetClasses’ service)

- u. Shipment1Description
- v. Shipment2Description
- w. Shipment3Description
- x. Shipment4Description
- y. Shipment5Description
- z. Pallets
- aa. ExtraServices (values obtainable from 'GetExtraServices' service)
 - i. The Extra Services values must be comma delimited if you choose to have more than one option quoted.

V.) All fields must be present in the querystring of the URL request, even if you are not populating a value for that field.

a. Example:

<http://www.vitranexpress.com/webservices/ratequote.asmx/RateRequest?AccountNumber=&ShipmentType=I&ShipmentTerms=P&OriginCity=Greenfield&OriginState=IN&OriginZip=46140&DestinationCity=Beverly%20Hills&DestinationState=CA&DestinationZip=90210&PickupDate=080708&Shipment1Weight=50&Shipment2Weight=&Shipment3Weight=&Shipment4Weight=&Shipment5Weight=&Shipment1Class=50&Shipment2Class=&Shipment3Class=&Shipment4Class=&Shipment5Class=&Shipment1Description=100&Shipment2Description=&Shipment3Description=&Shipment4Description=&Shipment5Description=&Pallets=3&ExtraServices=>

Above is a sample URL with query string parameters that can be used to pull a live rate quote.

Vitran Express Online Shipment Tracking Service

- I.) URL(s)
 - a. <http://www.vitranexpress.com/webservices/ShipmentTrace.asmx/ShipmentTrace>
- II.) Definition of Services
 - a. The service can be used to retrieve shipment tracking information for a single shipment.
 - b. All services accept query string parameters (eg. <http://website.org/service?value=1&value2=2>)
 - c. All services return a standard ISO-8859-1 XML Document. And may be consumed by any platform capable of http, and XML.
- III.) Example code is provided within this documentation package, in VB.Net.
- IV.) Field List
 - a. Username (used to sign into www.vitranexpress.com)
 - b. Password (used to sign into www.vitranexpress.com)
 - c. AccountNumber
 - d. ProNumber
- V.) All fields must be present in the querystring of the URL request, even if you are not populating a value for that field.
 - a. Example:

<http://www.vitranexpress.com/webservices/shipmenttrace.asmx/Shipmenttrace?Username=&Password=&AccountNumber=&ProNumber=>

Above is an example URL with query string parameters that can be used to track shipments with values entered for each of the parameters.

Vitran Express Online Image Retrieval Service

- I.) URL(s)
 - a. <http://www.vitranexpress.com/webservices/GetImages.aspx/GetImages>
- II.) Definition of Services
 - a. The service can be used to retrieve base64 encoded images (Bills of Lading, Delivery Receipts and Weight & Inspection forms) for a single shipment.
 - b. All services accept query string parameters (eg. <http://website.org/service?value=1&value2=2>)
 - c. All services return a standard ISO-8859-1 XML Document. And may be consumed by any platform capable of http, and XML.
- III.) Example code is provided within this documentation package, in VB.Net.
- IV.) Field List
 - a. acctNumber
 - b. ProNumber
 - c. docType (Valid document types are BL, BOL, DR, POD & WI)
 - d. Format (Valid image formats are TIF, JPG, GIF & PNG)
- V.) All fields are required and must be present in the querystring of the URL request.
 - a. Example:

<http://www.vitranexpress.com/webservices/getImages.aspx/getImages?acctNumber=&ProNumber=&docType=&Format=>

Above is an example URL with query string parameters that can be used to retrieve base64 encoded images with values entered for each of the parameters.

Vitran Express Online Transit Times Service

- I.) URL(s)
 - a. <http://www.vitranexpress.com/webservices/TransitTimes.asmx/TransitTimes>
- II.) Definition of Services
 - a. The service can be used to transit times and service center contact information based on origin and destination city, state and zip code combinations.
 - b. All services accept query string parameters (eg. <http://website.org/service?value=1&value2=2>)
 - c. All services return a standard ISO-8859-1 XML Document. And may be consumed by any platform capable of http, and XML.
- III.) Example code is provided within this documentation package, in VB.Net.
- VI.) Field List
 - a. OriginCity
 - b. OriginState
 - c. OriginZipCode
 - d. DestinationCity
 - e. DestinationState
 - f. DestinationZipCode
- VII.) All fields are required and must be present in the querystring of the URL request.
 - a. Example:

<http://www.vitranexpress.com/webservices/transitTimes.asmx/transitTimes?OriginCity=&OriginState=&OriginZipCode=&DestinationCity=&DestinationState=&DestinationZipCode=>

Above is an example URL with query string parameters that can be used to retrieve transit times with values entered for each of the parameters.