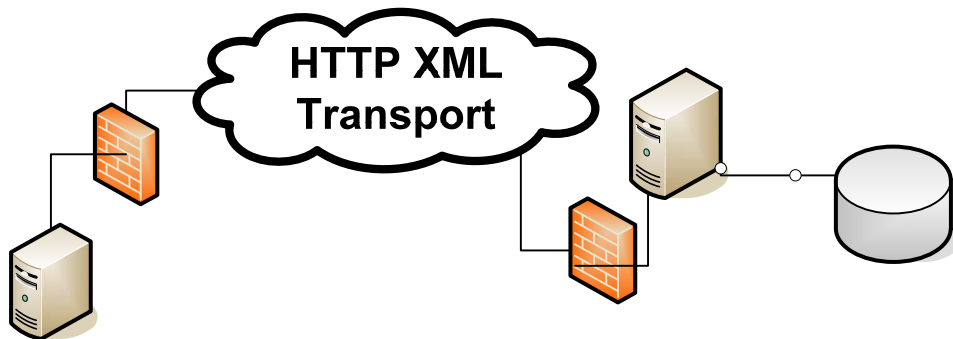


XML Integration Guide

Version 1.1.2



Business to Business Integration

This document is relatively new and still being revised continuously. Therefore the document you are reading may contain obsolete information. For the latest updates and revisions of this document please visit our website at:

<http://www.jetdelivery.com/xml/>

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Chapter 1 – Overview

XML Transactions

Welcome

Thank you for taking interest in Jet Delivery's XML offering. This guide will show you how to format xml messages so that your system(s) can easily communicate with ours.

By tapping the power and versatility of XML you can provide increased visibility into the movement of goods associated with your organization. This proactive information gives you a new perspective into your business operations and powerful information to help you bill faster, solve customer service problems, manage inventory, sell goods in-transit, and manage staffing levels. This yields savings in time and money, as well as improved customer relationships.

Capabilities

- Transmit orders directly from you internal order processing system
- Display real time shipment status in your system or on your website
- Get estimated delivery times and rates
- Search historical shipping data (up to 3 months available)

Security

The XML interchange provides both parties with the benefits of having integrated systems, but without the high security risks. An XML interchange is no different than opening a browser on your desktop—the systems will request information in a certain format, and transmit the appropriate information back.

Communication

Currently the only communication method supported by Jet Delivery is via (HTTP) Hypertext Transfer Protocol. **NOTE:** Future options may include:

- (HTTPS) - Secure Hypertext Transfer Protocol
- (FTP) - File Transfer Protocol

Contact Us

Please contact our Technical Services division at (909) 450-0892 if you have any questions or recommendations about this guide.

XML Transaction Layout

This section describes specific details about each element supported, whether or not the element is required, and other important details you will need to know when creating you XML transactions.

Column	Description
Element Name	The full XPath of the element.
Required	This column is used to specify whether or not the field is a required field in the XML transaction. Y=Required N=Optional
Data Type	This column indicated the Data Type required for the field. Invalid Data Types will be rejected by the Jet Delivery server.
Max Length	This column indicates the maximum number of characters that will accepted in the specified element.
Element Description	This column describes what the specified element is used for.

Shipment Request

This type of transaction requires that you have a valid customer number and license number in the RequestHeader before the server will process your request.

NOTE: Upon initial setup please send an email request to: technical.services@jetdelivery.com for a valid license number. Within your message include Your Name, Company Name, Phone Number, and any other information we may need to contact you. We will also provide you with a temporary testing account that will not create actual shipments, this way you can extensively test your application prior to going live.

Element Name	Required	Data Type	Max Length	Description
RequestHeader				
RequestHeader / xmlscan	Y	numeric	5	This is your customer account number. All transactions will be identified with this account.
RequestHeader / xmlsuid	Y	string	9	This is your license (granted by Jet Delivery) that allows you to transact with the Jet Delivery XML interface. This is used for security purposes.
RequestHeader / xmlstrn	N	string	40	This element allows you to assign a unique identifier to your XML transaction. It is returned in the reply transaction to aid in matching transaction requests to replies.
Shipment				
Shipment / Contact	Y	string	16	This is the name of the person we should contact in the case that we need additional information about the shipment or encounter a problem during the course of the shipment.
Shipment / Phone	Y	string	14	This is the phone number of the contact person.

Element Name	Required	Data Type	Max Length	Description
Shipment / Extn	N	numeric	4	If applicable this is the extension number of the contact person.
Shipment / Fax	N	string	14	This is the fax number of the contact person.
Shipment / Email	N	string	50	This is the email address for the contact person.
Shipment / NotifyOption	N	string	1	If this option is set to Y the Jet Delivery server will automatically send the contact person an email upon delivery of the shipment. This email contains specific details about the shipment. (see appendix C) Also note: If this option is set to Y then a valid email address must also be entered in the Contact / Email or else your XML transaction will fail.
Shipment / BillingReference	N	string	23	This reference will appear on your invoice. Note: If your account administrator has instructed Jet Delivery to require References with shipments and you do not provide one in the XML transaction, then the transaction will fail. (with error 1605)
Shipment / PickupName	Y	string	33	This is the name of the pickup location.
Shipment / PickupAddress	Y	string	33	This is the address of the pickup location.
Shipment / PickupCity	Y	string	17	This is the city where the pickup is located.
Shipment / PickupState	Y	string	2	This is the state's two letter code.

Element Name	Required	Data Type	Max Length	Description
Shipment / PickupZip	Y	numeric	5	This is the five digit zip code for the city where the pickup is located.
Shipment / PickupContact	N	string	16	This is the name of the contact person at the pickup location.
Shipment / PickupPhone	N	string	14	This is the phone number for the contact person at the pickup location.
Shipment / PickupExtn	N	numeric	4	This is the phone extension number for the contact person at the pickup location.
Shipment / PickupSpecinst	N	string	71	With this element you can include any special instruction you would like the driver to know about at the pickup location. (ex. Pickup 1 large box and 1 envelope see Susan in room 421 2 nd Floor)
Shipment / DeliverName	Y	string	33	This is the name of the delivery location.
Shipment / DeliverAddress	Y	string	33	This is the address of the delivery location.
Shipment / DeliverCity	Y	string	17	This is the city where the delivery is located.
Shipment / DeliverState	Y	string	2	This is the state's two letter code.
Shipment / DeliverZip	Y	numeric	5	This is the five digit zip code for the city where the delivery is located.

Element Name	Required	Data Type	Max Length	Description
Shipment / DeliverContact	N	string	16	This is the name of the contact person at the delivery location.
Shipment / DeliverPhone	N	string	14	This is the phone number for the contact person at the delivery location.
Shipment / DeliverExtn	N	numeric	4	This is the phone extension number for the contact person at the delivery location.
Shipment / DeliverSpecinst	N	string	71	With this element you can include any special instruction you would like the driver to know about at the delivery location. (ex. Please hand deliver the packages to Paul Smith.)
Shipment / Pieces	N	numeric	4	This is the number of pieces expected at the pickup location. Note: This should specify “bulk” pieces rather than number of actual pieces in each container.
Shipment / Weight	Y	numeric	5	This is the amount of weight in pounds that the shipment is expected to weigh.
Shipment / ServiceType	Y	string	10	<p>This is the type of service requested for the shipment. Please visit: http://www.jetdelivery.com/services/ for service details: (Options)</p> <ul style="list-style-type: none"> > White Glove > Critical > Standard > NextFlight

Element Name	Required	Data Type	Max Length	Description
Shipment / VehicleType	Y	string	3	<p>This is the type of vehicle requested for the shipment. Please visit: http://www.jetdelivery.com/vehicles/ for vehicle details: (Options)</p> <ul style="list-style-type: none"> > TRK (small pickup truck) > 3/4 (full sized truck) > VAN (van) > 8FT (8 foot flatbed) > 10F (10 foot flatbed) > 12F (12 foot flatbed) > STK (22 foot open stakebed) > BOB (22 foot enclosed bobtail)
Shipment / Pickupdate	Y	date	10	Date that the shipment is ready for pickup.
Shipment / Pickuptime	N	time	5	This is the time that the shipment is ready. Note if this field is left blank the system will assume the shipment is ready now. Also note when sending a ready time value, the military time format must be used (ex. 14:00 should be used rather than 2:00 PM)
Shipment / Deliverdate	Y	date	10	Earliest date that the shipment can be delivered. In most cases this will be the same date as the Pickupdate element.
Shipment / Deliverfrom	N	time	5	Earliest time that the shipment is can be delivered. Note if this field is left blank the system will assume the shipment should be delivered ASAP
Shipment / Deliverto	N	time	5	Latest time that the shipment is can be delivered. Note if this field is left blank the system will assume the shipment should be delivered ASAP

Sample Shipment Request

This is a sample shipment request:

```
<?xml version="1.0" encoding="UTF-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestHeader>
    <xmlsacn>44710</xmlsacn>
    <xmlsuid>446546456</xmlsuid>
    <xmlstrn>45hd89s87</xmlstrn>
  </RequestHeader>
  <Shipment>
    <Contact>Sara Bloomfield</Contact>
    <Phone>(800) 716-7177</Phone>
    <Extn>2892</Extn>
    <Fax>213-747-7001</Fax>
    <Email>sara.bloomfield@domain.com</Email>
    <NotifyOption>Y</NotifyOption>
    <BillingReference>T-46465544</BillingReference>
    <PickupName>XEROX CORPORATION</PickupName>
    <PickupAddress>800 LONG RIDGE ROAD</PickupAddress>
    <PickupCity>STAMFORD</PickupCity>
    <PickupState>CT</PickupState>
    <PickupZip>06904</PickupZip>
    <PickupContact>Bill Hayse</PickupContact>
    <PickupPhone>2137490123</PickupPhone>
    <PickupExtn>123</PickupExtn>
    <PickupSpecinst>Please go to room 15 north corner</PickupSpecinst>
    <DeliverName>CISCO SYSTEM'S (TAC)</DeliverName>
    <DeliverAddress>170 WEST TASMAN DR</DeliverAddress>
    <DeliverCity>SAN JOSE</DeliverCity>
    <DeliverState>CA</DeliverState>
    <DeliverZip>95134</DeliverZip>
```

```
<DeliverContact>Sam Jackson</DeliverContact>
<DeliverPhone>(213)747-7477</DeliverPhone>
<DeliverExtn>321</DeliverExtn>
<DeliverSpecinst>Courier must deliver shipment to the Technical Assistance Center</DeliverSpecinst>
<Pieces>50</Pieces>
<Weight>250</Weight>
<ServiceType>Critical</ServiceType>
<VehicleType>TRK</VehicleType>
<Pickupdate>2004-09-16</Pickupdate>
<Pickuptime>11:00</Pickuptime>
<Deliverdate>2004-09-16</Deliverdate>
<Deliverfrom>18:00</Deliverfrom>
<Deliverto>22:00</Deliverto>
</Shipment>
</XMLST>
```

If your “Shipment Request” was to contain a problem, for instance the delivery date entered had already passed. Then the server would respond with:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Shipment>
    <Error>
      <Code>1636</Code>
      <Message>Requested deliver date has already passed.</Message>
    </Error>
  </Shipment>
</XMLST>
```

If your "Shipment Request" were to contain multiple problems, for instance one of the zip codes found in the request was invalid, no caller name was entered and the delivery date was entered incorrectly. Then the server would respond with:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Shipment>
    <Error>
      <Code>1601</Code>
      <Message>Required value in the `Contact` element was missing.</Message>
    </Error>
    <Error>
      <Code>1611</Code>
      <Message>Invalid originating zip-code.</Message>
    </Error>
    <Error>
      <Code>1639</Code>
      <Message>Invalid deliver date.</Message>
    </Error>
  </Shipment>
</XMLST>
```

Shipment Reply

This section will explain how the server responds to shipment request and what useful information can be obtained from them.

Element Name	Required	Data Type	Max Length	Description
ReplyHeader				
ReplyHeader / xmlstrn	N	string	40	If you assigned a unique identifier to your XML transaction. It is returned here. This helps aid in matching transaction requests to replies.
Error				
Error / Code	N	numeric	4	Returned only when a critical failure occurs.
Error / Message	N	string	80	Returned only when a critical failure occurs. This message explains why the shipment was unable to be processed.
Shipment				
Shipment / TrackingNumber	Y	numeric	7	If you XML transaction was successful this element will contain the tracking or IDX number of shipment.
Shipment / EstimatedDeliveryDate	Y	date	10	This is the estimated arrival date of the shipment.
Shipment / EstimatedDeliveryTime	Y	time	5	This is the estimated arrival time of the shipment.
Shipment / DeliveryTimeZone	Y	string	3	This is the time zone in which the final destination is located.

Element Name	Required	Data Type	Max Length	Description
Shipment / ServiceType	Y	string	10	This element returns the service type the shipment was booked with. In some cases the system may override your transactions service type. This would happen in a case where say the Shipment Request specified "Critical" service with a vehicle type of "TRK" and a weight of 9000 pounds. Since 9000 pounds exceeds the "TRK" weight limit, the system will automatically correct the service type and vehicle type.
Shipment / VehicleType	Y	string	3	This element returns vehicle type the shipment was booked with.
Shipment / FlightProvider	N	string	40	This is the expected airline provider for the shipment. This is only returned when NextFlight shipments are booked
Shipment / FlightNumber	N	string	10	This is the expected airline provider flight number(s). This is only returned when NextFlight shipments are booked
Shipment / DepartureAirport	N	string	3	This is the expected depart airport. This is only returned when NextFlight shipments are booked
Shipment / ArriveAirport	N	string	3	This is the expected arrive airport. This is only returned when NextFlight shipments are booked
Shipment / EstimatedPrice	Y	decimal	11.2	This is the estimated total cost of the shipment.

Sample Shipment Reply

This is a sample shipment reply:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```
<ReplyHeader>
  <xmlstrn>45hd89s87</xmlstrn>
</ReplyHeader>
<Shipment>
  <TrackingNumber>15721</TrackingNumber>
  <EstimatedDeliveryDate>2004-09-16</EstimatedDeliveryDate>
  <EstimatedDeliveryTime>19:54</EstimatedDeliveryTime>
  <DeliveryTimeZone>PST</DeliveryTimeZone>
  <ServiceType>Critical</ServiceType>
  <VehicleType>TRK</VehicleType>
  <EstimatedPrice>524.20</EstimatedPrice>
</Shipment>
</XMLST>
```

Here is a sample reply for a Next Flight Out type shipment (Please be aware the server may take a few more seconds to process these requests, as it has to check flight availability):

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Shipment>
    <TrackingNumber>15722</TrackingNumber>
    <EstimatedDeliveryDate>2004-09-16</EstimatedDeliveryDate>
    <EstimatedDeliveryTime>16:18</EstimatedDeliveryTime>
    <DeliveryTimeZone>PST</DeliveryTimeZone>
    <ServiceType>NextFlight</ServiceType>
    <VehicleType>TRK</VehicleType>
    <FlightProvider>WN</FlightProvider>
    <FlightNumber>110</FlightNumber>
    <DepartureAirport>SNA</DepartureAirport>
    <ArriveAirport>SJC</ArriveAirport>
```

```
<EstimatedPrice>285.00</EstimatedPrice>  
</Shipment>  
</XMLST>
```


Tracking Request

This type of transaction requires that you have a valid customer number and license number in the RequestHeader before the server will process your request.

Element Name	Required	Data Type	Max Length	Description
RequestHeader				
RequestHeader / xmlscan	Y	numeric	5	This is your customer account number. All transactions will be identified with this account.
RequestHeader / xmlsuid	Y	string	9	This is your license (granted by Jet Delivery) that allows you to transact with the Jet Delivery XML interface. This is used for security purposes.
RequestHeader / xmlstrn	N	string	40	This element allows you to assign a unique identifier to your XML transaction. It is returned in the reply transaction to aid in matching transaction requests to replies.
Track				
Track / Number	Y	string	7	This is the tracking number of the shipment you wish to track.

Sample Track Request

This is a sample track request:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestHeader>
    <xmlsacn>44710</xmlsacn>
    <xmlsuid>446546456</xmlsuid>
    <xmlstrn>45hd89s91</xmlstrn>
  </RequestHeader>
  <Track>
    <Number>455789</Number>
  </Track>
</XMLST>
```

Tracking Reply

This section will explain how the server responds to a tracking request and what information the server provides in its reply.

Element Name	Required	Data Type	Max Length	Description
ReplyHeader				
ReplyHeader / xmlstrn	N	string	40	If you assigned a unique identifier to your XML transaction. It is returned here. This helps aid in matching transaction requests to replies.
Error				
Error / Code	N	numeric	4	Returned only when a critical failure occurs.
Error / Message	N	string	80	Returned only when a critical failure occurs. This message explains why the shipment was unable to be processed.
Track				
Track / Number	Y	numeric	7	This is the official shipment tracking number.
Track / IDX	N	numeric	5	This is a temporary five digit identification number used with some transactions.
Track / CurentStatus	Y	string	30	This is the current status of the shipment.
Track / Reference	N	string	23	Billing reference and will appear on your invoice.

Element Name	Required	Data Type	Max Length	Description
Track / Signature	N	string	22	Name of the person who signed for the shipment.
Track / UpdateEvents				
Track / UpdateEvents Date	N	date	10	Date the status change/update took place.
Track / UpdateEvents Time	N	string	5	Time the status change/update took place.
Track / UpdateEvents Desc	N	string	40	Description of the status changing event.

Sample Track Reply

This is a sample tracking response:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Track>
    <Number>740515</Number>
    <IDX>15472</IDX>
```

```
<CurentStatus>Delivered</CurentStatus>
<Reference>M0409-368</Reference>
<Signature>W.SICKMAN</Signature>
<UpdateEvents>
  <Date>2004-09-21</Date>
  <Time>14:30</Time>
  <Desc>Order Scheduled via XML transaction</Desc>
  <Date>2004-09-21</Date>
  <Time>15:23</Time>
  <Desc>Driver dispatched to MONEE, IL 60449</Desc>
  <Date>2004-09-21</Date>
  <Time>18:00</Time>
  <Desc>Driver departed from MONEE, IL 60449</Desc>
  <Date>2004-09-22</Date>
  <Time>02:02</Time>
  <Desc>Shipment booked on Flt#1891</Desc>
  <Date>2004-09-22</Date>
  <Time>20:56</Time>
  <Desc>Flight departs (ORD) 20:56 CST</Desc>
  <Date>2004-09-22</Date>
  <Time>23:12</Time>
  <Desc>Flight arrives (LAX) 23:12 PST</Desc>
  <Date>2004-09-22</Date>
  <Time>02:02</Time>
  <Desc>Driver arrived in LA PUENTE, CA 91744</Desc>
</UpdateEvents>
</Track>
</XMLST>
```

Quote Request

This type of transaction requires that you have a valid customer number and license number in the RequestHeader before the server will process your request.

Element Name	Required	Data Type	Max Length	Description
Quote / ServiceType	Y	string	10	<p>This is the type of service requested for the shipment. Please visit: http://www.jetdelivery.com/services/ for service details: (Options)</p> <ul style="list-style-type: none"> > White Glove > Critical > Standard > NextFlight
Quote / VehicleType	Y	string	3	<p>This is the type of vehicle requested for the shipment. Please visit: http://www.jetdelivery.com/vehicles/ for vehicle details: (Options)</p> <ul style="list-style-type: none"> > TRK (small pickup truck) > 3/4 (full sized truck) > VAN (van) > 8FT (8 foot flatbed) > 10F (10 foot flatbed) > 12F (12 foot flatbed) > STK (22 foot open stakebed) > BOB (22 foot enclosed bobtail)
Quote / Pickupdate	Y	date	10	Date that the shipment is ready for pickup.
Weight				weigh.

Quote / Pickuptime	N	time	5	This is the time that the shipment is ready. Note if this field is left blank the system will assume the shipment is ready now. Also note when sending a ready time value, the military time format must be used (ex. 14:00 should be used rather than 2:00 PM)
--------------------	---	------	---	--

Element Name	Required	Data Type	Max Length	Description
Quote / Deliverdate	Y	date	10	Earliest date that the shipment can be delivered. In most cases this will be the same date as the Pickupdate element.
Quote / Deliverfrom	N	time	5	Earliest time that the shipment is can be delivered. Note if this field is left blank the system will assume the shipment should be delivered ASAP
Quote / Deliverto	N	time	5	Latest time that the shipment is can be delivered. Note if this field is left blank the system will assume the shipment should be delivered ASAP

Sample Quote Request

```
<?xml version="1.0" encoding="UTF-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestHeader>
    <xmIsacn>44710</xmIsacn>
    <xmIsuid>446546456</xmIsuid>
    <xmIstrn>45hd89s87</xmIstrn>
  </RequestHeader>
```

```
<Quote>  
  <PickupZip>06904</PickupZip>  
  <DeliverZip>95134</DeliverZip>  
  <Pieces>50</Pieces>  
  <Weight>250</Weight>  
  <ServiceType>Critical</ServiceType>  
  <VehicleType>TRK</VehicleType>  
  <Pickupdate>2004-09-28</Pickupdate>  
  <Pickuptime>15:45</Pickuptime>  
  <Pickuptime>15:45</Pickuptime>  
  <Deliverdate>2004-09-28</Deliverdate>  
  <Deliverfrom>10:00</Deliverfrom>  
  <Deliverto>11:00</Deliverto>  
</Quote>  
</XMLST>
```


Quote Reply

This section will explain how the server responds to a quote request and what information the server provides in its reply.

Element Name	Required	Data Type	Max Length	Description
ReplyHeader				
ReplyHeader / xmlstrn	N	string	40	If you assigned a unique identifier to your XML transaction. It is returned here. This helps aid in matching transaction requests to replies.
Error				
Error / Code	N	numeric	4	Returned only when a critical failure occurs.
Error / Message	N	string	80	Returned only when a critical failure occurs. This message explains why the shipment was unable to be processed.
Quote				
Quote / Origin	Y	string	50	This is the city, state and zip code that was identified as the pickup location
Quote / Destination	Y	string	50	This is the city, state and zip code that was identified as the delivery location.
Quote / EstimatedDeliveryDate	Y	date	10	This is the estimated arrival date of the shipment. > NOTE: If the quote was requested without specific time parameters this value is as if the shipment were booked now.

Element Name	Required	Data Type	Max Length	Description
Quote / EstimatedDeliveryTime	Y	time	5	This is the estimated arrival time of the shipment. > NOTE: If the quote was requested without specific time parameters this value is as if the shipment were booked now.
Quote / DeliveryTimeZone	Y	string	3	This is the time zone in which the final destination is located.
Quote / ServiceType	Y	string	10	This element returns the service type the shipment was quoted with. In some cases the system may override your transactions service type. This would happen in a case where say the Quote Request specified "Critical" service with a vehicle type of "TRK" and a weight of 9000 pounds. Since 9000 pounds exceeds the "TRK" weight limit, the system will automatically correct the service type and vehicle type.
Quote / VehicleType	Y	string	3	This element returns vehicle type the shipment was booked with.
Quote / FlightProvider	N	string	40	This is the expected airline provider for the shipment. This is only returned when NextFlight shipments are booked
Quote / FlightNumber	N	string	10	This is the expected airline provider flight number(s). This is only returned when NextFlight shipments are booked
Quote / DepartureAirport	N	string	3	This is the expected depart airport. This is only returned when NextFlight shipments are booked
Quote / ArriveAirport	N	string	3	This is the expected arrive airport. This is only returned when NextFlight shipments are booked
Quote / EstimatedPrice	Y	decimal	11.2	This is the estimated total cost of the shipment.

Sample Quote Reply

This is a sample “quote reply” for a shipment that would go from Los Angeles, CA 90021 to Chino Hills CA 91709:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Quote>
    <Origin>DOWNTOWN L.A., CA 90021</Origin>
    <Destination>CHINO HILLS, CA 91709</Destination>
    <EstimatedDeliveryDate>2004-09-28</EstimatedDeliveryDate>
    <EstimatedDeliveryTime>18:27</EstimatedDeliveryTime>
    <DeliveryTimeZone>PST</DeliveryTimeZone>
    <ServiceType>Critical</ServiceType>
    <VehicleType>TRK</VehicleType>
    <EstimatedPrice>55.60</EstimatedPrice>
  </Quote>
</XMLST>
```

Cancel Request

This type of transaction requires that you have a valid customer number and license number in the RequestHeader before the server will process your request

Element Name	Required	Data Type	Max Length	Description
RequestHeader				
RequestHeader / xmlscan	Y	numeric	5	This is your customer account number. All transactions will be identified with this account.
RequestHeader / xmlsuid	Y	string	9	This is your license (granted by Jet Delivery) that allows you to transact with the Jet Delivery XML interface. This is used for security purposes.
RequestHeader / xmlstrn	N	string	40	This element allows you to assign a unique identifier to your XML transaction. It is returned in the reply transaction to aid in matching transaction requests to replies.
Track				
Track / Number	Y	string	7	This is the tracking number of the shipment you wish to cancel.

Sample Cancel Request

This is a sample cancel request:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestHeader>
    <xmlsacn>44710</xmlsacn>
    <xmlsuid>446546456</xmlsuid>
    <xmlstrn>45hd89s91</xmlstrn>
  </RequestHeader>
  <Track>
    <Number>1392546</Number>
  </Track>
</XMLST>
```

Cancel Reply

This section will explain how the server responds to a cancel request and what information the server provides in its reply.

Element Name	Required	Data Type	Max Length	Description
ReplyHeader				
ReplyHeader / xmlstrn	N	string	40	If you assigned a unique identifier to your XML transaction. It is returned here. This helps aid in matching transaction requests to replies.
Error				
Error / Code	N	numeric	4	Returned only when a critical failure occurs.
Error / Message	N	string	80	Returned only when a critical failure occurs. This message explains why the shipment was unable to be processed.
Track				
Track / Number	Y	numeric	7	This is the official shipment tracking number.
Track / Cancellation	N	string	15	Returns either “Success” or “Fail”.

Sample Cancel Reply

This is a sample cancel response on a successful cancellation:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Track>
    <Number>1392546</Number>
    <Cancellation>Success</Cancellation>
  </Track>
</XMLST>
```

This is a sample cancel response on a failed cancellation:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ReplyHeader>
    <xmlstrn>45hd89s87</xmlstrn>
  </ReplyHeader>
  <Track>
    <Number>1392546</Number>
    <Cancellation>Fail</Cancellation>
    <Error>
      <Code>1753</Code>
      <Message>Driver already dispatched. Please call (800) 716-7177 for options.</Message>
    </Error>
  </Track>
</XMLST>
```

Label Request

This type of transaction requires that you have a valid customer number and license number in the RequestHeader before the server will process your request

Element Name	Required	Data Type	Max Length	Description
RequestHeader				
RequestHeader / xmlscan	Y	numeric	5	This is your customer account number. All transactions will be identified with this account.
RequestHeader / xmlsuid	Y	string	9	This is your license (granted by Jet Delivery) that allows you to transact with the Jet Delivery XML interface. This is used for security purposes.
RequestHeader / xmlstrn	N	string	40	This element allows you to assign a unique identifier to your XML transaction. It is returned in the reply transaction to aid in matching transaction requests to replies.
Track				
Track / Number	Y	string	7	This is the tracking number of the shipment you wish to retrieve label <html> for.

Sample Label Request

This is a sample cancel request:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestHeader>
    <xmlsacn>44710</xmlsacn>
    <xmlsuid>446546456</xmlsuid>
    <xmlstrn>45hd89s91</xmlstrn>
  </RequestHeader>
  <Track>
    <Number>1392546</Number>
  </Track>
</XMLST>
```

Label Reply

This section will explain how the server responds to a label request and what information the server provides in its reply.

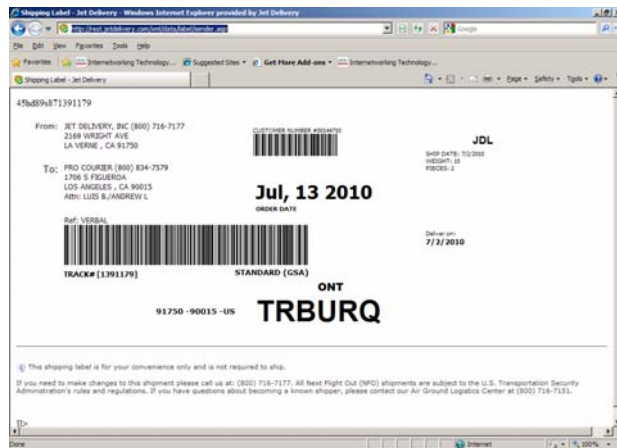
Element Name	Required	Data Type	Max Length	Description
ReplyHeader				
ReplyHeader / xmlstrn	N	string	40	If you assigned a unique identifier to your XML transaction. It is returned here. This helps aid in matching transaction requests to replies.
Error				
Error / Code	N	numeric	4	Returned only when a critical failure occurs.
Error / Message	N	string	80	Returned only when a critical failure occurs. This message explains why the shipment was unable to be processed.
Track				
Track / Number	Y	numeric	7	This is the official shipment tracking number.
Track / Label	N	string	N/A	Returns source html to generate a shipping label.

Sample Label Reply

This is a sample label response:

```
<?xml version="1.0" encoding="utf-8" ?>
<XMLST xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestHeader>
    <xmlsacn>44710</xmlsacn>
    <xmlsuid>446546456</xmlsuid>
    <xmlstrn>45hd89s91</xmlstrn>
  </RequestHeader>
  <Track>
    <Number>1392546</Number>
    <label><![CDATA[ <html><head><title>Shipping Label - Jet Delivery</title></head><body>html here..</body></html> ]]></label>
  </Track>
</XMLST>
```

Example html response:



Appendix A: Error Code Guide

Transaction Error Messages

Error Code	Error Code Description
1541	Sender account number is missing from the RequestHeader.
1542	License number is missing from the RequestHeader.
1543	Problem communicating with COPS server.
1544	Invalid account.
1545	Account has been closed or is on credit hold.
1546	Sender license number and/or account number are invalid.
1547	No shipments were found in the request.
1561	Contact name was missing from the shipment request.
1562	Contact phone number was missing from the shipment request.
1563	Contact e-mail address was missing from the shipment request.
1564	Pickup location name was missing from the shipment request.
1565	Pickup address was missing from the shipment request.
1566	Pickup city was missing from the shipment request.
1567	Pickup state was missing from the shipment request.
1568	Pickup zip-code was missing from the request.
1571	Deliver location name was missing from the shipment request.
1572	Deliver address was missing from the shipment request.
1573	Deliver city was missing from the shipment request.
1574	Deliver state was missing from the shipment request.
1575	Deliver zip-code was missing from the request.
1581	Number of pieces is required and was missing from the request.
1582	Amount of weight is required and was missing from the request.
1583	Type of service was missing from the request.
1584	Type of vehicle was missing from the request.
1585	Pickup date was missing from the request.
1601	Required value in the `Contact` element was missing.
1602	Required value in the `Phone` element was missing.
1603	A valid email address must be sent when the notify option is set to `Y`.
1604	Value in the `Email` element exceeded the 50 character limit.
1605	Reference element is empty and required for billing with this account.
1606	Required value in the `PickupName` element was missing.
1607	Required value in the `PickupAddress` element was missing.

Error Code	Error Code Description
1608	Required value in the `PickupCity` element was missing.
1609	Required value in the `PickupState` element was missing.
1610	Required value in the `PickupZip` element was missing.
1611	Invalid originating zip-code.
1612	Required value in the `DeliverZip` element was missing.
1613	Invalid destination zip-code.
1621	Required value in the `DeliverName` element was missing.
1622	Required value in the `DeliverAddress` element was missing.
1623	Required value in the `DeliverCity` element was missing.
1624	Required value in the `DeliverState` element was missing.
1627	Invalid `Pieces` element. Value exceeded 4 digits or is not numeric.
1628	Invalid `Weight` element. Value exceeded 5 digits or is not numeric.
1629	Invalid service type.
1630	Invalid vehicle type.
1631	Requested pickup date has already passed.
1632	Requested pickup date is more than 7 days away.
1633	Invalid pickup date.
1634	Requested pickup time has already passed.
1635	Invalid pickup time.
1636	Requested deliver date has already passed.
1637	Requested deliver date is more than 7 days away.
1638	Requested deliver date is before the pickup date.
1639	Invalid deliver date.
1640	Requested deliver time has already passed.
1641	Requested deliver time is before requested pickup time.
1642	Invalid deliver `from` time.
1643	Requested deliver to time has already passed.
1644	Requested deliver to time is before requested pickup time.
1645	Requested deliver to time is before requested deliver from time.
1646	Invalid deliver `to` time.
1651	Invalid phone number.
1652	Invalid fax number.
1653	Invalid notify option entered.
1654	Invalid extension number.
1747	No `track` elements were found in the request.

Error Code	Error Code Description
1748	Tracking number was missing.
1750	Invalid tracking number.
1751	Invalid tracking number
1752	Access denied. Check your xmlsacn id.
1753	Driver already dispatched. Please call (800) 716-7177 for options.
1760	Delay synchronizing SQL with COPS.
1847	No `quotes` elements were found in the request.
2212	Problem connecting with COPS server.
2213	Problem connecting with SQL database server.
2214	Problem communicating with SQL database server.
3412	Exceeded the allowed number of daily transactions.
3413	Access denied.

Appendix B: Notify Option

Delivery Email Notice

Setting the notify option to “Y” in your `Shipment Request will` cause the following message to automatically be sent upon delivery of the shipment.

Sara Bloomfield,

The following is a brief summary of your shipment:

Shipment arrival date: 09/28/04

Shipment arrival time: 17:00

Your reference number: 45FRSWQ1

Was delivered and signed for by: J. Smith

This shipment number: 743458

Contained: 1pcs, Weighing: 1 lb.(s)

The following information lists additional details:

Shipment Charges:

Base: 44.00

Return:

Wait:

Weight: .02

Other:

Total Charge: 44.02

Origin:

JET DELIVERY, INC.

2169 WRIGHT AVE

LA VERNE, CA 91750

Destination:

XPEDX

17411 VALLEY BLV - SUITE 100A

DOWNTOWN L.A., CA 90021

Do not reply to this e-mail. This message was sent to you using an automated system.
This e-mail alias is not monitored for replies. If you need help, please contact us through
one of the methods described below.
