API Interface Specifications

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Dotcom Distribution API

This document describes the integration points available to clients via the Dotcom API, which makes order, shipping and inventory data available for syncing the client system with the Dotcom system.

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API Processing

The Dotcom API is accessible via HTTP requests to
http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/. Secure connections are available using
the port 443, using the following URL https://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/.

GET Requests:

Some API services are accessed by making an HTTP GET request, passing parameters in the query string
of the request URL. Services that use GET requests return data based on one or more search parameters.
All parameter values should be properly URL encoded if required.

POST Requests:

API services that submit data to the Dotcom system, such as posting an order, will require the requesting
system to post the action data via the HTTP POST method. In the body of the POST request, the
requesting system will include XML data specific to the call being made. After processing the request
received, the system will return a response indicating any errors encountered while fulfilling the request,
as well as any response data relevant to the request made.

Tokens:

In order to access any of the API services, you will need to obtain an API token and password from
Dotcom. This token is a unique identifier that links your requests to your account in the Dotcom system.
All API calls must include an Authorization Header which includes your API token and computed hash
string using your password and the full URI of the specific API call.

C#:

```csharp
byte[] secretBytes = ASCIIEncoding.ASCII.GetBytes(password);
HMACMD5 hmac = new HMACMD5(secretBytes);
byte[] dataBytes = ASCIIEncoding.ASCII.GetBytes(uri);
byte[] computedHash = hmac.ComputeHash(dataBytes);
string computedHashString = Convert.ToBase64String(computedHash);
```

Authorization Header:

Authorization: 0d432e6298384cc9b7c6d338ea89bd79:Kd6owsYjoDucLmOxfjAlYA==

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Orders

The post orders API call allows you to submit orders to the Dotcom order management system by describing the order using the XML schema specified below.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/order
Request Method: POST

Request Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<orders>
    <order>
        <order-number>String</order-number>
        <ship-date>1967-08-13</ship-date>
        <ship-method>String</ship-method>
        <ship_via>String</ship_via>
        <special-instructions>String</special-instructions>
        <special-messaging>String</special-messaging>
        <drop-ship>String</drop-ship>
        <invoice-number>0</invoice-number>
        <ok-partial-ship>String</ok-partial-ship>
        <declared-value>0.0</declared-value>
        <cancel-date>1967-08-13</cancel-date>
        <total-tax>0.0</total-tax>
        <total-shipping-handling>0.0</total-shipping-handling>
        <total-discount>0.0</total-discount>
        <total-order-amount>0.0</total-order-amount>
        <po-number>String</po-number>
        <salesman>String</salesman>
        <credit-card-number>String</credit-card-number>
        <credit-card-expiration>String</credit-card-expiration>
        <ad-code>String</ad-code>
        <continuity-flag>String</continuity-flag>
        <freight-terms>String</freight-terms>
        <department>String</department>
        <pay-terms>String</pay-terms>
        <tax-percent>0</tax-percent>
        <asn-qualifier>String</asn-qualifier>
        <gift-order-indicator>String</gift-order-indicator>
        <order-source>String</order-source>
        <ship_date>1967-08-13</ship_date>
        <promise-date>1967-08-13</promise-date>
        <third-party-account>String</third-party-account>
        <priority>String</priority>
        <retail-department>String</retail-department>
        <retail-store>String</retail-store>
        <retail-vendor>String</retail-vendor>
        <pool>String</pool>
        <billing-information>
            <customer-number>String</customer-number>
            <name>String</name>
            <company>String</company>
            <address1>String</address1>
```

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```xml
            <address2>String</address2>
            <address3>String</address3>
            <city>String</city>
            <state>String</state>
            <zip>String</zip>
            <country>String</country>
            <phone>String</phone>
            <email>String</email>
        </billing-information>
        <shipping-information>
            <customer-number>String</customer-number>
            <name>String</name>
            <company>String</company>
            <address1>String</address1>
            <address2>String</address2>
            <address3>String</address3>
            <city>String</city>
            <state>String</state>
            <zip>String</zip>
            <country>String</country>
            <iso-country-code>String</iso-country-code>
            <phone>String</phone>
            <email>String</email>
        </shipping-information>
        <store-information>
            <name>String</name>
            <address1>String</address1>
            <address2>String</address2>
            <city>String</city>
            <state>String</state>
            <zip>String</zip>
            <country>String</country>
            <phone>String</phone>
        </store-information>
        <custom-fields>
            <custom-field-1>String</custom-field-1>
            <custom-field-2>String</custom-field-2>
            <custom-field-3>String</custom-field-3>
            <custom-field-4>String</custom-field-4>
            <custom-field-5>String</custom-field-5>
        </custom-fields>
        <line-items>
            <line-item>
                <sku>String</sku>
                <quantity>0</quantity>
                <price>0.0</price>
                <tax>0.0</tax>
                <shipping-handling>0.0</shipping-handling>
                <client-item>String</client-item>
                <line-number>String</line-number>
                <gift-box-wrap-quantity>String</gift-box-wrap-quantity>
                <gift-box-wrap-type>String</gift-box-wrap-type>
            </line-item>
        </line-items>
    </order>
</orders>
```

Order Details:

Reqd	Field	Description	Comment	Format	Max Length
Y	order-number	Order Number	Client order #	Char	20
Y	ship-date	Ship Date	Date the order must ship	Date	10
N	billing-information/ customer-number	Customer Number	Client Cust #	Char	19
Y	billing-information/ name	Customer billing Name		Char	30
Y	billing-information/ address1	Customer Billing Address Line 1		Char	30
N	billing-information/ address2	Customer Billing Address Line 2		Char	30
Y	billing-information/ city	Customer Billing City		Char	20
Y	billing-information/ state	Customer Billing State		Char	2
Y	billing-information/ zip	Customer Billing Zip Code		Char	10
N	billing-information/ country	Customer Billing Country	Blank for USA	Char	2
N	billing-information/ phone	Customer Billing Phone Number	Required if out of the USA	Char	19
N	billing-information/ email	Customer Billing E-mail Address		Char	50
N	shipping-information/ customer-number	Customer Ship-to Number	Blank if same as Bill-to	Char	19
N	shipping-information/ name	Customer Ship-to Name	Blank if same as Bill-to	Char	30

Reqd	Field	Description	Comment	Format	Max Length
N	shipping-information/ address1	Customer Ship-to Address line 1	Blank if same as Bill-to	Char	30
N	shipping-information/ address2	Customer Ship-to Address Line 2	Blank if same as Bill-to	Char	30
N	shipping-information/ city	Customer Ship-to City	Blank if same as Bill-to	Char	20
N	shipping-information/ state	Customer Ship-to state	Blank if same as Bill-to	Char	2
N	shipping-information/ zip	Customer Ship-to Zip	Blank if same as Bill-to	Char	10
N	shipping-information/ country	Customer Ship-to Country	Blank if same as Bill-to	Char	2
N	shipping-information/ phone	Customer Ship-to Phone Number		Char	19
N	shipping-information/ email	Customer Ship-to E-mail Address		Char	50
Y	line-item/sku	SKU		Char	17
Y	line-item/quantity	Quantity Ordered	Per Sku	Num	8
Y	ship-method	Shipping Method	See table below	Char	2
N	special-instructions	Special Instructions	Prints on Pick list – not used	Char	40
N	special-messaging	Special Messaging	Prints on Invoice	Char	250
Y	line-item/tax	Line Tax Amount	This is the unit Tax. Can be 0.00	Decimal	7 including 2 decimals
Y	line-item/shipping-handling	Line Shipping & Handling Amount	Can be 0.00	Decimal	8 including 2 decimals

Reqd	Field	Description	Comment	Format	Max Length
Y	line-item/price	Line Price	This is the Unit Line Price.	Decimal	7 including 2 decimals
N	drop-ship	Drop Ship Order	Prints on Invoice	Char	1
N	invoice-number	Invoice Number	Prints on Invoice - blank	Num	13
N	ok-partial-ship	OK to Partial Ship	Future use	Char	1
N	declared-value	Declared Value	Required if outside the USA – for commercial Invoice	Decimal	10 including 2 decimals
N	cancel-date	Cancel Date	mm/dd/yy	Date	10
Y	total-tax	Order Total tax amount	Can be 0.00	Decimal	10 including 2 decimals
Y	tøtal-shipping-handling	Order total S&H amount	Can be 0.00	Decimal	10 including 2 decimals
Y	total-order-amount	Order total Amount		Decimal	10 including 2 decimals
N	po-number	Client's Customer PO Number	For B-B orders	Char	20
N	salesman	Salesman	Per Table	Char	20
N	billing-information/ address3	Customer Billing Address Line 3		Char	30
N	shipping-information/ address3	Customer Ship-to Address line 3		Char	30
N	credit-card-number	Credit Card	Blank	Char	32
N	credit-card-expiration	Credit Card Expiration Date	Mmyy	Char	4

Reqd	Field	Description	Comment	Format	Max Length
N	ad-code	Ad Code		Char	5
N	continuity-flag	Continuity Flag		Char	1
N	custom-field-1	Custom 1	Order Level – Register Transaction #	Char	30
N	custom-field-2	Custom 2	Order Level – Gift Wrap Price	Char	30
N	custom-field-3	Custom 3	Order Level	Char	30
N	custom-field-4	Custom 4	Order Level	Char	30
N	custom-field-5	Custom 5	Order Level	Char	30
N	line-item/client-item	Client Customer Item		Char	20
N	ship_via	Ship Via		Char	20
N	total-discount	Order Total Discount %		Decimal	4 including 2 decimals (99.99 max)
N	freight-terms	Freight Terms	Prepaid, Collect, Third Party	Char	20
N	department	Department	Dotcom's Dept #	Char	5
N	pay-terms	Pay terms	Diff payment program	Char	5
N	tax-percent	Tax %	Percent order is taxed at	Dec	2
N	line-item/line-number	Client Line Number		Char	10
N	asn-qualifier	Client ASN Qualifier		Char	5
N	gift-order-indicator	Gift Order Indicator		Char	1
N	order-source	Order Source		Char	8

Reqd	Field	Description	Comment	Format	Max Length
N	shipping-information/ company	Ship To Company		Char	30
N	billing-information/ company	Bill to Company		char	30
N	ship-date	Ship Date		Char	10
N	third-party-account	Third Party Account		Char	25
N	priority	Priority		Char	5
N	line-item/gift-box-wrap-quantity	Gift Box/Wrap qty		Num	10
N	line-item/gift-box-wrap-type	Gift Box/Wrap type		Char	4
N	shipping-information /iso-country-code	Ship to Country Code	2 Character ISO Stand Cntry Code - Required if outside the USA	Char	2
N	store-information/ name	Closest Store Name		Char	30
N	store-information/ address1	Closest Store Address Line 1		Char	30
N	store-information/ address2	Closest Store Address Line 2		Char	30
N	store-information/city	Closest Store City		Char	20
N	store-information/state	Closest Store State		Char	2
N	store-information/zip	Closest Store Zip Code		Char	10
N	store-	Closest Store	Blank for USA	Char	2

Reqd	Field	Description	Comment	Format	Max Length
	information/country	Country			
N	store-information/phone	Closest Store Phone Number	Required if out of the USA	Char	19
N	retail-department			Char	TBD
N	retail-store			Char	TBD
N	retail-vendor			Char	TBD
N	pool			Char	TBD
N	promise-date	Order Promise Date		Char	8

Response Sample:

```
<response xmlns="http://dcd/datacontracts/post_order" xmlns:i="http://www.w3.org/2001/XMLSchema-
instance">
  <order_errors xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:order_error>
      <a:error_description>The 'ship-date' element is invalid - The value '2011/03/12' is invalid
according to its datatype 'Date' - The string '2011/03/12' is not a valid XsdDateTime
value.</a:error_description>
      <a:order_number>123</a:order_number>
    </a:order_error>
  </order_errors>
</response>
```

Purchase Orders

The purchase order API call allows you to submit purchase orders to the Dotcom order management system.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/purchase_order
Request Method: POST

Request Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<purchase_orders>
   <purchase_order>
      <po-number>a</po-number>
      <priority-date>1967-08-13</priority-date>
      <expected-on-dock>1967-08-13</expected-on-dock>
      <items>
         <item>
            <sku>a</sku>
            <description>a</description>
            <quantity>0</quantity>
            <upc>aaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</upc>
            <weight>1234567.12</weight>
            <cost>123456.12</cost>
            <price>123456.12</price>
            <root-sku>aaaaaaaaaaaaaaaaa</root-sku>
            <package-qty>123456</package-qty>
            <serial-indicator>a</serial-indicator>
            <client-company>aaaaa</client-company>
            <client-department>aaaaa</client-department>
            <client-product-class>1234</client-product-class>
            <client-product-type>1234</client-product-type>
            <avg-cost>123456.12</avg-cost>
            <master-pack>123456</master-pack>
            <item-barcode>aaaaaaaaaaaaaaaaaaaaaaaaa</item-barcode>
            <country-of-origin>aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</country-of-origin>
            <harmonized-code>aaaaaaaaaaaaaaaaaaaaaaaaa</harmonized-code>
            <manufacturing-code>aaaaaaaaaa</manufacturing-code>
            <style-number>aaaaaaaaaa</style-number>
            <short-name>aaaaaaaaaaaaaaa</short-name>
            <color>aaaaa</color>
            <size>aaaaa</size>
            <long-description>aaaaaaaaaa</long-description>
         </item>
      </items>
   </purchase_order>
</purchase_orders>
```

Purchase Order Details:

Reqd	Field	Description	Value/Comments	Format	Max Length
Y	sku	UPC	SKU, Product or Item Number	Char	17
Y	description	Description	Description or Name	Char	30
N	long-description	Long Description	Added to capture 50 digit description	Char	50
Y	quantity	Quantity	Quantity Ordered – No decimals	Num	
Y	po-number	PO Number	Purchase Order number	Char	
N	upc	UPC	UPC/EAN/ISBN Number	Char	
N	weight	Weight	Product Weight	Decimal	
N	cost	Cost	Product Cost	Decimal	
N	price	Price	Retail Price	Decimal	
N	root-sku	Root	Root SKU	Char	
N	package-qty	Package qty	Package qty	Num	6
N	serial-indicator	Serial Indicator	Y = Serial inbound/outbound N= no serial number O – Outbound only	Char	1
N	client-company	Client Company	Client Company	Char	5
N	client-department	Client Dept	Client Dept	Char	5
N	client-product-class	Client Prod Class	Client Prod Class	Num	4
N	client-product-type	Client Prod Type	Client Prod Type	Num	4
N	avg-cost	Avg Cost	Average Cost	Num	8

Reqd	Field	Description	Value/Comments	Format	Max Length
N	master-pack	Masterpack	Master Pack	Num	6
N	item-barcode	Item barcode prod	Barcode number on the Product	Char	24
N	country-of-origin	Country of Orig	2 Character ISO Stand Cntry Code - Required if Shipping outside the USA	Char	2
N	harmonized-code	Harm Code	Harmonized code	Char	10
N	manufacturing-code	Manufact Code		Char	10
N	style-number	Style#		Char	10
N	short-name	Short Name		Char	15
N	color	Color		Char	5
N	size	Size		Char	5
N	priority-date			Date	10
N	expected-on-dock			Date	10

Response Sample:

```
<response xmlns="http://dcd/datacontracts/post_purchase_order"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <purchase_order_errors xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:purchase_order_error>
      <a:error_description>The 'description' element is invalid - The value
'abfdsbdfbfdbfdbbbbbbbbbbbbbbbbbbbb' is invalid according to its datatype 'String' - The actual
length is greater than the MaxLength value.</a:error_description>
      <a:purchase_order_number>a</a:purchase_order_number>
    </a:purchase_order_error>
  </purchase_order_errors>
</response>
```

Items

The item API call allows you to submit items to the Dotcom order management system.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/item

Request Method: POST

Request Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<items>
    <item>
        <sku>a</sku>
        <description>a</description>
        <upc>aaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</upc>
        <weight>1234567.12</weight>
        <cost>123456.12</cost>
        <price>123456.12</price>
        <root-sku>aaaaaaaaaaaaaaaaa</root-sku>
        <package-qty>123456</package-qty>
        <serial-indicator>a</serial-indicator>
        <client-company>aaaaa</client-company>
        <client-department>aaaaa</client-department>
        <client-product-class>1234</client-product-class>
        <client-product-type>1234</client-product-type>
        <avg-cost>123456.12</avg-cost>
        <master-pack>123456</master-pack>
        <item-barcode>aaaaaaaaaaaaaaaaaaaaaaaaa</item-barcode>
        <country-of-origin>aaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</country-of-origin>
        <harmonized-code>aaaaaaaaaaaaaaaaaaaaaaaaa</harmonized-code>
        <manufacturing-code>aaaaaaaaaa</manufacturing-code>
        <style-number>aaaaaaaaaa</style-number>
        <short-name>aaaaaaaaaaaaaaa</short-name>
        <color>aaaaa</color>
        <size>aaaaa</size>
        <long-description>aaaaaaaaaaaaaaa</long-description>
    </item>
</items>
```

Item Details:

PO Reqd	Field	Description	Value/Comments	Format	Max Length
Y	sku	UPC	SKU, Product or Item Number	Char	17
Y	description	Description	Description or Name	Char	30
N	long-description	Long Description	Added to capture 50 digit description	Char	50
N	upc	UPC	UPC/EAN/ISBN Number	Char	
N	weight	Weight	Product Weight	Decimal	
N	cost	Cost	Product Cost	Decimal	
N	price	Price	Retail Price	Decimal	
N	root-sku	Root	Root SKU	Char	
N	package-qty	Package qty	Package qty	Num	6
N	serial-indicator	Serial Indicator	Y = Serial inbound/outbound N= no serial number O – Outbound only	Char	1
N	client-company	Client Company	Client Company	Char	5
N	client-department	Client Dept	Client Dept	Char	5
N	client-product-class	Client Prod Class	Client Prod Class	Num	4
N	client-product-type	Client Prod Type	Client Prod Type	Num	4
N	avg-cost	Avg Cost	Average Cost	Num	8
N	master-pack	Masterpack	Master Pack	Num	6
N	item-barcode	Item barcode prod	Barcode number on the Product	Char	24

PO Reqd	Field	Description	Value/Comments	Format	Max Length
N	country-of-origin	Country of Orig	2 Character ISO Stand Cntry Code - Required if Shipping outside the USA	Char	2
N	harmonized-code	Harm Code	Harmonized code	Char	10
N	manufacturing-code	Manufact Code		Char	10
N	style-number	Style#		Char	10
N	short-name	Short Name		Char	15
N	color	Color		Char	5
N	size	Size		Char	5

Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/post_item" xmlns:i="http://www.w3.org/2001/XMLSchema-
instance">
  <item_errors xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:item_error>
      <a:error_description>The 'sku' element is invalid - The value '' is invalid according to
its datatype 'String' - The actual length is less than the MinLength value.</a:error_description>
      <a:sku/>
    </a:item_error>
    <a:item_error>
      <a:error_description>The 'description' element is invalid - The value '' is invalid
according to its datatype 'String' - The actual length is less than the MinLength
value.</a:error_description>
      <a:sku>a</a:sku>
    </a:item_error>
  </item_errors>
</response>
```

Shipments

The shipments API call retrieves the shipment details of one or more shipments.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/shipment

                http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/shipment/ord123

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/shipment?fromShipDate=2010-10-01 11:03:12&toShipDate=2010-10-01 11:33:12&dept=01&kitonly=true

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/shipment/ord123

Request Parameters:

Reqd	Parameter	Description
N	fromShipDate	Starting ship datetime to be searched
N	toShipDate	Ending ship datetime to be searched
N	dept	Limit results to a specific department
N	kitonly	Sending kitonly=true will return results for the virtual kit sku only, not the individual skus that make up the kit

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
   <shipments>
    <a:shipment>
      <a:client_order_number>4E717D91B990</a:client_order_number>
      <a:customer_number>lass95842</a:customer_number>
      <a:dcd_order_number>9004859200</a:dcd_order_number>
      <a:order_date>10/12/2011 12:00:00 AM</a:order_date>
      <a:order_shipping_handling>0.00</a:order_shipping_handling>
      <a:order_status>Shipped</a:order_status>
      <a:order_subtotal>0.0000</a:order_subtotal>
      <a:order_tax>0.00</a:order_tax>
      <a:order_total>0.0000</a:order_total>
      <a:ship_date>10/13/2011</a:ship_date>
      <a:ship_items>
        <a:ship_item>
          <a:carrier>UPS</a:carrier>
          <a:carton_id>C123456789</a:carton_id>
          <a:item_description> no size Tin Word Halloween Or</a:item_description>
          <a:item_unit_price>0.00</a:item_unit_price>
          <a:order_line_number>1</a:order_line_number>
          <a:client_line_number>1</a:client_line_number>
          <a:quantity_shipped>1.00</a:quantity_shipped>
          <a:serial_lot_number />
          <a:service>SurePost</a:service>
          <a:sku>PRI-E61-B1C-D41</a:sku>
          <a:tracking_number>1ZX78240YW71511871</a:tracking_number>
        </a:ship_item>
      </a:ship_items>
      <a:ship_weight>0.95</a:ship_weight>
      <a:shipto_addr1>7220 Candlestick Way</a:shipto_addr1>
      <a:shipto_addr2 />
      <a:shipto_city>Sacramento</a:shipto_city>
      <a:shipto_email_address>crazy4chows@sbcglobal.net</a:shipto_email_address>
      <a:shipto_name>Cheryl Douglass</a:shipto_name>
      <a:shipto_state>CA</a:shipto_state>
      <a:shipto_zip>95842</a:shipto_zip>
    </a:shipment>
   </shipments>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
client-order-number	Order Number		Char
item\sku	SKU	SKU,UPC	Char
item\quantity-shipped	Shipped Qty		Num
item\item-description	Item Description		Char
item\item-unit-price	Item Unit Price		Decimal
item\order-line-number	Line # from Order		Num
item\carrier	Shipping Carrier		Date
item\service	Shipping Service		Char
item\client-line-number	Line # sent in order		Char
item\service	Shipping Service		Char
ship-date	Ship Date	mm/dd/yy	Date
order-status	Order Status	Blank	Decimal
order-subtotal	Order Subtotal		Decimal
order-shipping-handling	Order Shipping and Handling		Num
order-tax	Order Tax Amount		Decimal
order-total	Total Amount of Order		Decimal
customer-number	Customer Number		Char
tracking-number	Tracking Number		Char
item\serial-lot-number	Serial or Lot Number		Char

shipto-email-address	Shipto Email address	If sent in order data	char
ship-weight	Ship Weight		Char

Inventory

The inventory details API call retrieves current inventory quantities for one or all products.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory
http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory/881243556

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
    <items>
        <item>
            <sku>text</sku>
            <desciption>text</desciption>
            <product_group>text</product_group>
            <quantity_available>0</quantity_available>
            <quantity_onhand>0</quantity_onhand>
            <quantity_demand>0</quantity_demand>
            <quantity_backordered>0</quantity_backordered>
            <quantity_pending>0</quantity_pending>
            <quantity_unavailable>0</quantity_unavailable>
            <quantity_reserved>0</quantity_reserved>
        </item>
    </items>
</response>
```

The information contained in this document is the proprietary property of Dotcom Distribution

Response Field Definitions:

Field	Description	Value	Comment	Format
sku	SKU	Item number	Item, or UPC	Char
description	Description	Item description		Char
quantity-available	Qty Available	Qty Available for new orders		Num
quantity-onhand	Qty Onhand	Total qty in warehouse		Num
Quantity-demand	Qty Demand	Qty in unallocated orders		Num
quantity-backordered	Qty Backordered	Qty in backordered orders		Num
Quantity-pending	Qty Pending	Qty on the dock		Num
quantity-reserved	Qty Reserved	Qty allocated and in pack status		Num
quantity-unavailable	Qty Unavailable	Qty in warehouse unavailable for orders		Num
product-group	Product Group	3 Digit Code		Num

Inventory By Status

The inventory by status API call retrieves current inventory quantities for all products with the requested stock status.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory_by_status
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory_by_status?status=r

Request Parameters:

Reqd	Parameter	Description
Y	status	Stock Status of items to be searched

Response Sample:

```xml
<response>
  <inv_by_status_items>
    <a:inv_by_status_item>
      <a:description>BOXER SHORT-SANTA PALM SAIL</a:description>
      <a:quantity_on_dock>0</a:quantity_on_dock>
      <a:sku>1U0120-461-10970</a:sku>
      <a:stock_status>r</a:stock_status>
      <a:total_quantity>1</a:total_quantity>
    </a:inv_by_status_item>
  </inv_by_status_items>
</response>
```

Response Field Definitions:

Field	Description	Value	Comment	Format
sku	SKU	Item number	Item, or UPC	Char
description	Description	Item description		Char
stock_status	Stock Status	Stock Status of items		Char
total-quantity	Total Quantity	Total qty in warehouse		Num
quantity-on-dock	Quantity in a dock location	Quantity in a dock location		Num

Inventory Snapshot

The inventory snapshot API call retrieves inventory quantities for one or all products.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory_snapshot
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/inventory_snapshot?invDate=2012-01-01

Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/inv_snapshot"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <inventory_items xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:inv_snapshot_item>
      <a:adj_qty>0</a:adj_qty>
      <a:begin_bal>10</a:begin_bal>
      <a:description>Teddy Bear Bath Set 3pc.</a:description>
      <a:end_bal>10</a:end_bal>
      <a:rcpt_qty>0</a:rcpt_qty>
      <a:ret_qty>0</a:ret_qty>
      <a:shp_qty>0</a:shp_qty>
      <a:sku>10-mc3y0sgfu</a:sku>
      <a:trans_date>12/12/2012 12:00:00 AM</a:trans_date>
      <a:uad_qty>0</a:uad_qty>
    </a:inv_snapshot_item>
  </inventory_items>
</response>
```

Response Field Definitions:

Field	Description	Value	Comment	Format
sku	SKU	Item number		Char
description	Description	Item description		Char
Begin-bal	Start of day qty			Num
End-bal	End of day qty			Num
Adj-qty	Units adjusted for the day			Num
Rcpt-qty	Units received for the day			Num
Ret-qty	Units returned for the day			Num
Shp-qty	Units shipped for the day			Num
Uad-qty	Unavailable adjustments for the day			Num
Trans-date	Date of transactions			Char

Stock Status

The stock status API call retrieves current inventory quantities for any skus that have had inventory changes in a specific time period.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/stockstatus
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/stockstatus?fromDate=2012-02-15 8:00:00 AM&toDate=2012-02-15 8:15:00 AM

Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/inventory" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <inventory_items xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:inventory_item>
      <a:description>Ampersand Print</a:description>
      <a:last_receipt_date>2/14/2012 10:56:00 PM</a:last_receipt_date>
      <a:last_updated_date>2/16/2012 9:56:03 AM</a:last_updated_date>
      <a:manufact_code>Ampersand          </a:manufact_code>
      <a:prod_group>0</a:prod_group>
      <a:quantity_available>3</a:quantity_available>
      <a:quantity_backorder>1</a:quantity_backorder>
      <a:quantity_demand>0</a:quantity_demand>
      <a:quantity_onhand>11</a:quantity_onhand>
      <a:sku>10495-0039</a:sku>
    </a:inventory_item>
  </inventory_items>
</response>
```

Response Field Definitions:

Field	Description	Value	Comment	Format
sku	SKU	UPC number	Item, or UPC	Char
description				Char
last_receipt_date				Char
last_updated_date				Char
quantity-onhand				Num
quantity-demand				Num
quantity-backorder				Num
quantity-available				Num
prod-group				Num
manufact_code				Char

Item Summary

The item API call retrieves item attributes for all skus or a single sku.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/item

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/item
http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/item/IT1234-567-89
http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/item/IT1234-567?mode=wildcard

Response Sample:

```
<response xmlns="http://dcd/datacontracts/iteminfo" xmlns:i="http://www.w3.org/2001/XMLSchema-
instance">
  <items_info xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:item_info>
      <a:item_description>Cassie Cardigan</a:item_description>
      <a:last_receipt_date>7/27/2012 2:53:00 PM</a:last_receipt_date>
      <a:sku>360-103053-DEW-M</a:sku>
      <a:upc_num />
      <a:vendor_items>
        <a:vendor_item>
          <a:vendor_cross_ref>846255082961</a:vendor_cross_ref>
        </a:vendor_item>
      </a:vendor_items>
    </a:item_info>
  </items_info>
</response>
```

Response Field Definitions:

Field	Description	Value	Comment	Format
sku	SKU			Char
description	Item desription			Char
last_receipt_date	Last date item was received			Char
Upc_num	UPC number			Char
Vendor_cross_ref	Vendor's item number			Char

Returns

The returns API call retrieves all returns for a given date range.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/return
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/return?fromReturnDate=2010-10-01&toReturnDate=2010-10-02

Request Parameters:

Reqd	Parameter	Description
N	fromReturnDate	Starting return date to be searched
N	toReturnDate	Ending return date to be searched

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
    <returns>
        <return>
            <items>
                <item>
                    <sku>text</sku>
                    <quantity-returned>0</quantity-returned>
                    <line-number>0</line-number>
                    <item-disposition>text</item-disposition>
                    <returns-reason-code>0</returns-reason-code>
                </item>
            </items>
            <department>text</department>
            <original-order-number>text</original-order-number>
            <dcd-return-number>0</dcd-return-number>
            <return-date>1967-08-13</return-date>
            <original-ship-date>1967-08-13</original-ship-date>
        </return>
    </returns>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
department	Department		Char
original-order-number	Client's original Order Number		Char
line-number	Line #		Num
sku	Item	UPC, Item,	Char
dcd-return-number	DCD Return Number		Num
quantity-returned	Qty Returned	Returned units	Decimal
return-date	Return Date	mm/dd/yy	Date
original-ship-date	Ship Date	mm/dd/yy	Date
item-disposition	Item Disposition		Char
returns-reason-code	Returns Reason Code		Num

Receipts

The receipts API call retrieves all receipts for a given date range.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/receipt

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/receipt?fromReceiptDate=2010-10-01&toReceiptDate=2010-10-02

Request Parameters:

Reqd	Parameter	Description
N	fromReceiptDate	Starting receipt date to be searched
N	fromReceiptDate	Starting receipt date to be searched
N	po_mask	A wildcard search mask against the purchase order

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
   <receipts>
      <receipt>
         <sku>text</sku>
         <quantity-received>0</quantity-received>
         <po-reference-number>text</po-reference-number>
         <dcd-identifier>text</dcd-identifier>
         <receipt-date>1967-08-13</receipt-date>
      </receipt>
   </receipts>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
sku	UPC Number	UPC Number of Item	Num
receipt-date	Receipt Date		Date
quantity-received	Quantity	Quantity	Num
po-reference-number	PO/REF#	This field might be blank	Char
dcd-identifier	DotCom Identifier		

Non-PO Receipts

The non-PO receipts API call retrieves all unplanned receipts for a given date range. This endpoint is for receipts that aren't associated with a Purchase Order.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/nonpo_receipt
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/nonpo_receipt?fromReceiptDate=2010-10-01&toReceiptDate=2010-10-02

Request Parameters:

Reqd	Parameter	Description
N	fromReceiptDate	Starting receipt date to be searched
N	fromReceiptDate	Starting receipt date to be searched

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
   <receipts>
      <receipt>
         <sku>text</sku>
         <quantity-received>0</quantity-received>
         <po-reference-number>text</po-reference-number>
         <dcd-identifier>text</dcd-identifier>
         <receipt-date>1967-08-13</receipt-date>
      </receipt>
   </receipts>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
sku	UPC Number	UPC Number of Item	Num
receipt-date	Receipt Date		Date
quantity-received	Quantity	Quantity	Num
po-reference-number	PO/REF#	This field might be blank	Char
dcd-identifier	DotCom Identifier		

Backorders

The backorders API call retrieves all orders that are on currently on backorder.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/backorder

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/backorder

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
   <backorders>
      <backorder>
         <order-number>text</order-number>
         <dcd-order-number>text</dcd-order-number>
         <dcd-order-release-number>text</dcd-order-release-number>
         <shipping-information>
            <name>text</name>
            <address1>text</address1>
            <address2>text</address2>
            <city>text</city>
            <state>text</state>
            <zip>text</zip>
            <email>text</email>
         </shipping-information>
         <items>
            <item>
               <sku>text</sku>
               <quantity-backorder>text</quantity-backorder >
            </item>
         </items>
      </backorder>
   </backorders>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
dcd-order-number	DCD Order Number		Char
dcd-order-release-number	DCD Order Suffix		Char
order-number	Client Order Number		Char
sku	Item	SKU, Part Number, Item	Char
quantity-backorder	Backorder Qty		Num
shipping-information/name	Shipto Name		Char
shipping-information/address1	Shipto Address 1		Char
shipping-information/address2	Shipto Address 2		Char
shipping-information/city	Shipto City		Char
shipping-information/state	Shipto State		Char
shipping-information/zip	Shipto Zip Code		Char
shipping-information/email	Shipto Email		Char

Adjustments

The adjustments API call retrieves all inventory adjustments for a given datetime range. Several options exist to specify the types of adjustments to return. See the appendix for a list of the codes returned in the response.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/adjustment
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/adjustment?fromAdjDate=2010-10-01 08:00:00&toAdjDate=2010-10-02 16:00:00&mode=ALL

Request Parameters:

Reqd	Parameter	Description
N	fromAdjDate	Starting receipt date to be searched
N	toAdjDate	Ending receipt date to be searched
N	mode	ALL – all adjustments AVAIL – adjustments to available inventory UNAVAIL – adjustments to unavailable inventory STATUS – status changes to inventory

Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/adjustment" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <adjustments xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:adjustment>
      <a:adjustment_code>25</a:adjustment_code>
      <a:adjustment_desc>CYCLE COUNT</a:adjustment_desc>
      <a:dcd_identifier>242388245</a:dcd_identifier>
      <a:old_stock_status_code />
      <a:old_stock_status_desc>Available</a:old_stock_status_desc>
      <a:quantity>-1</a:quantity>
      <a:sku>11383-0027-L</a:sku>
      <a:stock_status_code />
      <a:stock_status_desc>Available</a:stock_status_desc>
      <a:transaction_code>ADJ</a:transaction_code>
      <a:transaction_datetime>2/8/2012 8:24:00 AM</a:transaction_datetime>
      <a:transaction_desc>Change in Available Inventory Quantity</a:transaction_desc>
    </a:adjustment>
  </adjustments>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
sku	UPC Number	UPC Number of Item	Char
quantity	Quantity	Quantity	Num
adjustment_code	Adjustment Code	Reason code used for the adjustment	Char
adjustment_desc	Adjustment Description	Description of adjustment	Char
transaction-code	Transaction Code	Type of transaction	Char
transaction_desc	Transaction Description	Description of transaction	Char
transaction_datetime	Transaction Timestamp	Timestamp of when adjustment occured	Char
old_stock_status_code		Status of inventory before adjustment	Char
old_stock_status_desc		Status of inventory before adjustment	Char
stock_status_code		Status of inventory after adjustment	Char
stock_status_desc		Status of inventory after adjustment	Char
dcd_identifier	DotCom Identifier		Num

Order Status

The order status API call retrieves the status of a single order or a group of orders for a given range of order dates.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/order

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/order/SR-12345

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/order?fromOrdDate=2010-10-01@toOrdDate=2010-10-02

Request Parameters:

Reqd	Parameter	Description
N	fromOrdDate	Starting order date to be searched
N	toOrdDate	Ending order date to be searched

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
   <orders>
      <order>
         <client-order-number>text</client-order-number >
         <dcd-order-number>text</dcd-order-number >
         <order-status>text</order-status >
         <ship_date>2010-03-04</ship_date >
      </order>
   </orders>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
client-order-number	Client Order Number		Char
dcd-order-number	DCD Order Number		Char
order-status	Order Status	Shipped, Canceled, In Pick, Packed, Back Ordered, Open	Char
ship_date	Date/Time order was shipped	Only for order-status Shipped	Date

Purchase Order Status

The purchase orders API call retrieves the status of an individual Purchase Order.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/purchase_order

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/purchase_order/PO12345

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/purchase_order?status=O

Request Parameters:

Reqd	Parameter	Description
N	status	Valid values A, C, O

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
   <purchase-orders>
      <purchase-order>
         <po-number>text</po-number>
         <po-status>text</po-number>
         <dcd-po-number>text</dcd-po-number>
         <po-date>2011-07-11</po-date>
         <priority-date>2011-07-11</priority-date>
         <expected-date>2011-07-11</expected-date>
         <po-items>
            <po-item>
               <sku>text</sku>
               <item-description>text</item-description>
               <expected-qty>12</expected-qty>
               <received-qty>12</received-qty>
               <open-qty>0</open-qty>
               <status>text</status>
               <po-line-num>1</po-line-num>
               <style>text</style>
               <color>text</color>
               <size>text</size>
            </po-item>
         </po-items>
      </purchase-order>
   </purchase-orders>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
po-number	Client PO Number		Char
dcd-po-number	DCD PO Number		Char
po-date			Char
priority-date			Char
expected-date			Char
sku			Char
item-description			Char
expected-qty			Num
received-qty			Num
open-qty			Num
status			Char
po-line-num			Num
style			Char
color			Char
size			Char

Billing Summary

The billing summary API call retrieves weekly invoice summary data.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/billingsummary
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/billingsummary?wedate=2011-10-09

Request Parameters:

Reqd	Parameter	Description
Y	wedate	Week ending date. Must be a Sunday date.

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <billsums>
    <a:billsum>
      <a:billsum_items>
        <a:billsum_item>
          <a:dept_dollars>180.000000</a:dept_dollars>
          <a:dept_qty>15.0000</a:dept_qty>
          <a:unit_price>12.0000</a:unit_price>
          <a:item_description>Receiving and Stocking - Pallet</a:item_description>
          <a:item_id>1000</a:item_id>
          <a:total_dollars>180.000000</a:total_dollars>
          <a:total_qty>15.0000</a:total_qty>
        </a:billsum_item>
      </a:billsum_items>
      <a:invoice>57073 - CON W/E: 12/19/10</a:invoice>
    </a:billsum>
  </billsums>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
invoice	Invoice Number/Description		Char
dept_dollars			Num
dept_qty			Num
unit_price			Num
Item_description			Char
Item_id			Char
total_dollars			Num
total_qty			Num

Billing Detail

The billing detail API call retrieves weekly invoice detail data.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/billingdetail
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/billingdetail?wedate=2011-10-09

Request Parameters:

Reqd	Parameter	Description
Y	wedate	Week ending date. Must be a Sunday date.

Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/billingdetail"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <billdets xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:billdet>
      <a:billdet_items>
        <a:billdet_item>
          <a:activity_date>2/6/2012 12:00:00 AM</a:activity_date>
          <a:adcode />
          <a:billing_date>2/6/2012 12:00:00 AM</a:billing_date>
          <a:bol_number />
          <a:client_customer />
          <a:dcd_source_id>0000391108</a:dcd_source_id>
          <a:extd_price>11.000000</a:extd_price>
          <a:item_description>Receiving and Stocking - Pallet</a:item_description>
          <a:item_id>1000</a:item_id>
          <a:order_source>POUNP-REC</a:order_source>
          <a:qty>1.00</a:qty>
          <a:return_id />
          <a:so_trans_id>65209</a:so_trans_id>
          <a:so_trans_line_no>1</a:so_trans_line_no>
          <a:unit_price>11.0000</a:unit_price>
          <a:weekending_date>2/12/2012 12:00:00 AM</a:weekending_date>
        </a:billdet_item>
      </a:billdet_items>
      <a:invoice>65209 - CON W/E: 02/12/12</a:invoice>
    </a:billdet>
  </billdets>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
invoice	Invoice Number/Description		Char
activity_date			Char
adcode			Char
billing_date			Char
bol_number			Char
client_customer			Char
dcd_source_id			Char
extd_price			Num
item_description			Char
item_id			Char
order_source			Char
qty			Num
return_id			Char
so_trans_id			Char
so_trans_line_no			Num
unit_price			Num
weekending_date			Char
total_qty			Num

UPS Billing Detail

The UPS billing detail API call retrieves weekly UPS invoice detail data.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/upsdetail
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/upsdetail?wedate=2011-10-09

Request Parameters:

Reqd	Parameter	Description
Y	wedate	Week ending date. Must be a Sunday date.

Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/upsdetail" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <upsdetails xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:upsdetail>
      <a:ePackID>648</a:ePackID>
      <a:upsdetail_items>
        <a:upsdetail_item>
          <a:comp_gross>810.8500</a:comp_gross>
          <a:comp_incentive>-221.5300</a:comp_incentive>
          <a:comp_markup>23.5728</a:comp_markup>
          <a:customer_order_num>FAB0207</a:customer_order_num>
          <a:dcd_order_num>9606358640</a:dcd_order_num>
          <a:receiver_addr1>21 CORTE MADERA AVE</a:receiver_addr1>
          <a:receiver_addr2>STUDIO 1</a:receiver_addr2>
          <a:receiver_city>MILL VALLEY</a:receiver_city>
          <a:receiver_country>US</a:receiver_country>
          <a:receiver_name>PAPER PUNK</a:receiver_name>
          <a:receiver_state>CA</a:receiver_state>
          <a:receiver_zip>94941</a:receiver_zip>
          <a:sender_addr1 />
          <a:sender_addr2 />
          <a:sender_city />
          <a:sender_name>AGNES MURAWINSKI</a:sender_name>
          <a:sender_state />
          <a:sender_zip />
          <a:ship_date>2/7/2012 12:00:00 AM</a:ship_date>
          <a:total_charges>612.8928</a:total_charges>
          <a:transaction_date>2/7/2012 12:00:00 AM</a:transaction_date>
        </a:upsdetail_item>
      </a:upsdetail_items>
    </a:upsdetail>
  </upsdetails>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
ePackID	DCD Internal Use		Num
comp_gross			Num
comp_incentive			Num
comp_markup			Num
customer_order_num			Char
dcd_order_num			Char
receiver_addr1			Char
receiver_addr2			Char
receiver_city			Char
receiver_country			Char
receiver_name			Char
receiver_state			Char
receiver_zip			Char
sender_addr1			Char
sender_addr2			Char
sender_city			Char
sender_name			Char
sender_state			Char
sender_zip			Char
sender_city			Char

Field	Description	Value/Comment	Format
ship_date			Char
total_charges			Num
transaction_date			Char

Shipping Methods

The shipping methods API call retrieves the list of valid shipping methods to use when sending orders to Dotcom.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/shipmethod
Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/shipmethod

Response Sample:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <ship_methods>
   <ship_method>
     <carrier>UPS</carrier>
     <service>03</service>
     <shipping_code>03</shipping_code>
     <shipping_description>UPS GROUND</shipping_description>
   </ship_method>
   <ship_method>
     <carrier>UPS</carrier>
     <service>03</service>
     <shipping_code>03C</shipping_code>
     <shipping_description>UPS GROUND COMMERCIAL</shipping_description>
   </ship_method>
  </ship_methods >
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
carrier			Char
Service			Char
shipping_code			Char
shipping_description			Char

Receiving SLA

The Receiving SLA API call retrieves SLA information for receipts created in a date range, a specific purchase order, or a specific receipt transaction. Results are returned per receipt transaction.

Request Details:

Request URL: http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/receiving_sla

Request Method: GET

Request Samples:

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/receiving_sla?ponum=1234

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/receiving_sla?rtnum=0000001234

http://cwa.dotcomdistribution.com/dcd_api/DCDAPIService.svc/receiving_sla?fromSLADate=2012-01-05&toSLADate=2012-01-06

Request Parameters:

Reqd	Parameter	Description
N	fromSLADate	Starting receipt transaction date
N	toSLADate	Ending receipt transaction date
N	ponum	Client's purchase order number
N	rtnum	DCD Receipt Transaction number

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Response Sample:

```xml
<response xmlns="http://dcd/datacontracts/receiving_sla"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <receiving_slas xmlns:a="http://schemas.datacontract.org/2004/07/DCDAPIService">
    <a:receiving_sla>
      <a:carrier>UPS/1z9e33890345241478</a:carrier>
      <a:days_to_put_away>0</a:days_to_put_away>
      <a:dcd_po_number>960358447</a:dcd_po_number>
      <a:discrepancy_report>VCP-85889-555</a:discrepancy_report>
      <a:into_production_date />
      <a:labels_required>
      </a:labels_required>
      <a:num_cartons>9</a:num_cartons>
      <a:out_of_production_date />
      <a:pack_slip_exists>Y</a:pack_slip_exists>
      <a:pct_complete>0.958904</a:pct_complete>
      <a:po_number>2940</a:po_number>
      <a:po_units_expected>803</a:po_units_expected>
      <a:po_units_over>5</a:po_units_over>
      <a:po_units_received>770</a:po_units_received>
      <a:po_units_under>38</a:po_units_under>
      <a:polybags_required>
      </a:polybags_required>
      <a:put_away_date>2/6/2012 10:58:00 PM</a:put_away_date>
      <a:rt_close_date>2/9/2012 1:47:00 PM</a:rt_close_date>
      <a:rt_create_date>2/6/2012 10:36:27 AM</a:rt_create_date>
      <a:rt_number>0000391253</a:rt_number>
      <a:rt_units_received>770</a:rt_units_received>
      <a:truck_id>PO2940/91351/0/39</a:truck_id>
      <a:units_per_pack_slip>803</a:units_per_pack_slip>
      <a:vendor_exception>Damaged</a:vendor_exception>
    </a:receiving_sla>
  </receiving_slas>
</response>
```

Response Field Definitions:

Field	Description	Value/Comment	Format
carrier	Carrier/Tracking ID		Char
days_to_put_away	Number of days between RT creation and last item put away		Num
dcd_po_number			Char
discrepancy_report	ID of Cerberus ticket		Char
into_production_date	Datetime items went into production		Char
labels_required	Y/N if labels required		Char

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num_cartons	Number of cartons	Num
out_of_production_date	Datetime items came out of production	Char
pack_slip_exists	Y/N if pack slip was included	Char
pct_complete	Percent RT is complete	Num
po_units_under	Total units under expected	Num
polybags_required	Y/N if polybags required	Char
rt_create_date	Datetime receipt transaction was created	Char
rt_number	Receipt Transaction number	Char
put_away_date	Date last item was put away	Char
rt_close_date	Datetime receipt was closed	Char
po_number	Client PO number	Char
po_units_expected	Number of units expected for PO	Num
truck_id	PO number/Tracking ID	Char
units_per_pack_slip	Number of units listed on pack slip	Num
vendor_exception	Exception description	Char
po_units_received	Number of units received for PO	Num
rt_units_received	Number of units received for RT	Char
po_units_over	Total units over expected	Num

Appendix

Shipping Codes

Code	Description
01	UPS NEXT DAY 10:30 NEXT BUSINESS MORNING
01S	UPS NEXT DAY 10:30 NEXT BUSINESS MORNING - Signature
02	UPS 2ND DAY
02S	UPS 2ND DAY - signature
03	UPS GROUND
03C	UPS GROUND COMMERCIAL
03S	UPS Ground - signature required
04	UPS INTERNATIONAL
05	DHL NEXT DAY - SATURDAY
07	UPS 2ND DAY AIR AM
08	UPS NEXT DAY AIR SATURDAY
08s	UPS NEXT DAY AIR SATURDAY - signature
10	USPS STANDARD
11	USPS 1ST CLASS
11i	USPS FIRST CLASS INTERNATIONAL
12	UPS 3 DAY SELECT
12S	UPS 3 DAY SELECT - signature
13	UPS NEXT DAY SAVER
15	UPS NEXT DAY AIR AM
20	USPS - PARCEL POST
22	USPS APO
24	NEMF
29	FEDEX EVENING DELIVERY
31	JEVIC
32	FEDEX SATURDAY OVERNIGHT
33	EXPEDITOR AIR
34	OT INSIDE DELIV
35	EXPEDITOR OCEAN
39	CANADA POST
40	DHL GROUND
41	DHL 2ND DAY
42	DHL NEXT DAY
43	DHL EXPRESS
44	DHL @HOME

45	DHL NEXT DAY 12:00
46	DHL @HOME DEFERRED
47	USPS MEDIA MAIL PEICE
48	DHL INTERNATIONAL DOCUMENTS
49	FEDEX PM HOME DELIV
49S	FEDEX PM HOME DELIV - SIG REQ
50	USPS PRIORITY
51	UPS STANDARD INTERNATIONAL
52	UPS WORLDWIDE EXPRESS
53	UPS WORLDWIDE EXPEDITE
54	USPS FIRST CLASS- DELV CONF
55	USPS PRIORITY- DELV CONF
55i	USPS PRIORITY INTERNATIONAL
56	PARCEL DIRECT
57	USPS - EXPRESS
58	FEDEX INTRNTNL ECON
59	FEDEX INTRNTNL PRIOR
60	FEDEX INTRNTNL FIRST
61	FEDEX PRIORITY OVERNIGHT
61S	FEDEX PRIORITY OVERNIGHT 10:30 AM - SIGN REQ
62	FEDEX STANDARD OVERNIGHT
62S	FEDEX STANDARD OVERNIGHT 4:30PM-SIGN REQ
63	FEDEX ECONOMY 2 DAY
64	FEDEX EXPRESS SAVER
64S	FEDEX EXPRESS SAVER 3DAY- SIGN REQ
65	FEDEX FIRST OVERNIGHT
65S	FEDEX FIRST OVERNIGHT 8:00AM-SIGN REQ
66	FEDEX HOME DELIV
66S	FEDEX HOME DELIV - SIG REQ
67	ESTES
68	UPSS WORLDSHIP
69	GOD
70	CONSOLIDATOR
71	UPS CONSIGNEE
72	UPS COD GROUND
73	UPS 3RD PARTY
74	UPS COLLECT-BILL RECIPIENT
75	DYNAMIC TRK
76	ABF TRK

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77	MOT TRK
78	JAY DEE
79	TRUCK FRT
80	RPS COLLECT
81	CLP TRUCK FRT
82	FEDEX 3RD PARTY NEXT DAY
83	FEDEX 3RD PARTY 2 DAY
84	FEDEX 3RD PARTY GRND
85	FEDEX CLIENT 2 DAY
86	VENDOR PICKUP
87	SELECT TRUCK
88	LAND AIR
89	BELLAVANCE TRK
90	RPS INTER. (FEDEX GROUND)
90A	fedex ground - collect
90S	FEDEX GROUND - SIG REQUIRED
91	ROADWAY EXPRESS TRK
92	FEDEX GROUND
92C	FEDEX GROUND Commercial
93	FEDEX CLIENT GROUND
94	AMERICAN FREIGHTWAYS
95	TRUCK BULK
96	FEDEX GREEN COD
97	AMERICANA
98	OVERNITE
99	CUSTOMER ROUTING
F1	USPS 1ST CLASS
P1	USPS PRIORITY- DELV CONF
PP	UPS BASIC
PX	DHL EXPRESS

Adjustment Reason Codes

Code	Description
04	FALSE INVENTORY
07	ERROR IN RECEIPT
09	INVENTORY ADJUSTMENT
10	P/I ADJUSTMENT
11	Workorder
12	QA TO STOCK
13	STOCK TO QA
14	MIS-SHIPMENT
22	SAMPLES
23	DAMAGED PRODUCT
25	CYCLE COUNT
31	SCHEDULED CYCLE COUNT
33	Status Adjustment
55	INV WRITE OFF
66	IWS ONE SIDED ADJUSTMENT
86	MATERIAL SHIPPING REDUCTION
98	CLEAROUT
99	NON STOCK ADJ
RTGD	RETURN TO AVAILABILITY
RTSC	RETURN TO SCRAP
RTSO	RETURN TO SELL OFF
RTVN	RETURN TO VENDOR

Adjustment Transaction Codes

Code	Description
ADJ	Change in Available Inventory Quantity
ALL	Unavailable Inventory Becomes Available
SAD	Status of Inventory Changes
UAD	Change in Unavailable Inventory Quantity
UNA	Available Inventory Becomes Unavailable

Adjustment Stock Status Codes

Code	Description
	Available
I	I - In Production
Q	Q - Quality Control
R	R - Return Available
S	S - Scrap
T	T - Damaged in Transit
W	W - Quality Control
L	L - Refurbished