

Liberty Mobile API

Parts of the API will be accessible with no restrictions. Most calls will require authentication and a user validation. User validation will be cached for active connections. Inactive sessions will be required to renew their login after five minutes of inactivity.

- Session information is maintained by a cookie.
- For URL's with "/data", the results should be in JSON format.
- The assumption is that all traffic to the server will be over SSL, so sending passwords in clear text should not be a security concern.

To add the API key to your server, open the Liberty Mobile Admin application and click on File >> Maintain API Keys. The Application ID, API Key, and Expire Date will be provided to you. The description can be whatever you wish, so you know which API key this is. Such as if you have a Development API Key and a Product API Key.

Change Log

Version 2 - Added support for copying items

Version 3 - Added support for item lookup, thumbnail images

Version 4 - Added support for tag printing filter on current user, markdown schedule sent with item objects

Version 5 - Added support for security, password change, and a new App for consignors only.

Version 6 - Added support for transactions.

Version 7 - Added filter options for item lists.

Version 8 - Procedures for processing payouts.

Version 9 - Added Date Filter Fields to the Print Tag Request

Version 10 - Fixed an issue with the JSON parser that could strip spaces if between escaped quotes

Open API

Echo Test

[URL]

<http://server/test?echohistome>

[URL_METHOD]

GET

[RESPONSE]

Test Processor: echohistome

Ping

[URL]

<http://server/ping>

[URL_METHOD]

GET

[RESPONSE]

Liberty Mobile Server
v #.#.#.#
Started *mm/dd/yyyy hh:mm:ss*

Item Thumbnail Images

Retrieve 50x50 images from the Image Path.

[URL]

[http://server/images/items/thumb/filename\[?w=###&h=###\]](http://server/images/items/thumb/filename[?w=###&h=###])

[URL_METHOD]

GET

[RESPONSE]

[image stream]

Item Images

Retrieve images from the Image Path.

[URL]

<http://server/images/items/filename>

[URL_METHOD]

GET

[RESPONSE]

[image stream]

Restricted API

Calls to these routines must be authenticated using the Application ID and API Key.

Required Headers

x-call-time: {unixTime}

x-application-id: {application id}

x-api-version: {api version}

x-auth-string: {md5(application id:API Key:unixTime)}
md5("12345:abcdef1234567890:0000000000")

User Login

[URL]

<http://server/data/login?username=rwd&password=rwd>

[URL_METHOD]

GET

[RESPONSE]

```
{ "response": {  
  "result": 1,  
  "user": {  
    "firstname": "System",  
    "loginid": "RWD",  
    "level": 1,  
    "lastname": "Account",  
    "lockout": 0,  
    "account_list": ""  
  }  
}
```

Check License

[URL]

<http://server/data/license>

[URL_METHOD]

GET

[RESPONSE]

```
{ "response":  
  { "license_info": { "storeid": 0, "storename": "", "licensename": "Demo" }  
}
```

Client List

[URL]

<http://server/data/clientlist?search=searchfor>

Searches are performed with a like and a trailing wildcard (field like 'searchfor%'). If the first char of *searchfor* is a number account numbers, phone numbers and user field 1 are searched. Adding an alpha character after the number will exclude the account number. If the first character is not a number then fields searched are first, last, city, email and user field 1.

If the current user is restricted to a limited number of accounts "search" can be omitted.

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "total": 1,
    "clients": [
      {"search_client": {
        "counter": 0,
        "clientid": 1082,
        "account": 82,
        "firstname": "Ed",
        "lastname": "Laumer",
        "phone": "920-385-0680",
        "street": "5788 I-AH-MAYTAH Rd",
        "city": "Oshkosh",
        "userfield": "82"}
      ]
    }
  }
}
```

Get Basic Client

[URL]

<http://server/data/basicclient?id=####>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "basic_client": {
      "clientid": 1001,
      "account": 1,
      "firstname": "Tammy",
      "lastname": "Eiting",
      "company": "",
      "email": "tamilee68@yahoo.com",
      "phone": "920-759-6299",
      "tax_exempt": 0,
      "tax_exempt_no": "",
      "website": "",
      "birth_month": 6,
    }
  }
}
```

```
"address": {
  "name": "Default",
  "line1": "6 Woodhaven Ln",
  "line2": "",
  "line3": "",
  "city": "Kaukauna",
  "state": "WI",
  "zip": "54130",
  "primary": 1
}
}
```

Add/Update Client

[URL]

<http://server/data/basicclient?id=####>

[URL_METHOD]

POST

[BODY]

```
{
  "basic_client": {
    "account": 1,
    "firstname": "Tammy",
    "lastname": "Eiting",
    "company": "",
    "email": "tamilee68@yahoo.com",
    "phone": "920-759-6299",
    "website": "",
    "birth_month": 6,
    "address": {
      "name": "Default",
      "line1": "6 Woodhaven Ln",
      "line2": "",
      "line3": "",
      "city": "Kaukauna",
      "state": "WI",
```

```
        "zip": "54130",
        "primary": 1
    }
}
}
```

[RESPONSE]

```
{
  "response": {
    "basic_client": {
      "clientid": 1001,
      "account": 1,
      "firstname": "Tammy",
      "lastname": "Eiting",
      "company": "",
      "email": "tamilee68@yahoo.com",
      "phone": "920-759-6299",
      "tax_exempt": 0,
      "tax_exempt_no": "",
      "website": "",
      "birth_month": 6,
      "address": {
        "name": "Default",
        "line1": "6 Woodhaven Ln",
        "line2": "",
        "line3": "",
        "city": "Kaukauna",
        "state": "WI",
        "zip": "54130",
        "primary": 1
      }
    }
  }
}
```

Get Client Items

Returns the last x items added to an account, available and needs info status only.

[URL]

<http://server/data/itemlist?clientid=####&perpage=#&pagenum=#&filter=#>

Available Filters:

- 0 = All
- 1 = Available (default)
- 2 = NeedsInfo
- 3 = Unavailable
- 4 = Past Expiration

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "count":15,
    "currentpage":1,
    "totalcount":115,
    "totalnet":0,
    "totalprice":141.35,
    "totalsales":0,
    "items": [
      {
        "list_item": {
          "itemid": 158253,
          "received": "12/28/2010 11:32:37 AM",
          "itemname": "Size M blk/crm Ladies coat",
          "descript": "",
          "status": "Available (1)",
          "price": 18.49,
          "pricecode": "A - Main Price Code"
        }
      },
      {
        "list_item": {
          "itemid": 158252,
          "received": "12/28/2010 11:31:53 AM",
          "itemname": "Gap Size 4 denim Ladies pants",
          "descript": "",
          "status": "Available (1)",
          "price": 9.49,
          "pricecode": "A - Main Price Code"
        }
      }
    ]
  }
}
```



```
}
  }
]
}
}
```

Get Lookup

Returns a list of lookup values and keys.

Available Lists:

- category: filter on parent id
- catattr: filter on category id
- catattrvalue: filter on cat attr id
- pricecode
- topcats (top 20 categories)
- topbrands: filter on category id (top 20 brands for category)
- topsizes: filter on category id (top 20 sizes for category)
- topcolors: filter on category id (top 20 colors for category)
- taxcodes
- purchasemethod
- transcd
- paymentaccountno

[URL]

[http://server/data/lookup/{list name}\[?filter=####\]](http://server/data/lookup/{list name}[?filter=####])

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "category": [
      {
        "element": {
          "key_value": 10000155,
          "descript": "Boys jeans"
        }
      }
    ]
  }
}
```

```
    ]  
  }  
}
```

Get Settings

Returns field values from field default

[URL]

http://server/data/settings?fieldname={field_name1,field_name2}

[URL_METHOD]

GET

[RESPONSE]

```
{  
  "response": {  
    "field_name1": "field_value1"  
    "field_name2": "field_value2"  
  }  
}
```

Get Item

Returns and Item

[URL]

[http://server/data/item?itemid=####\[findstr={acct-item, UPC, etc...}\]](http://server/data/item?itemid=####[findstr={acct-item, UPC, etc...}])

[URL_METHOD]

GET

[RESPONSE]

```
{  
  "response": {  
    "item": {  
      "item_id": 1048,  
      "client_id": 1001,  
      "client_name": "Inez Asher",  
    }  
  }  
}
```

"name": "Size 1X green Other",
"account": "1",
"number": 1930,
"purchaseMethod": 1,
"received": "12/2/2010",
"status": "Needs Info",
"status_id": 3,
"category_qualified_name": "Other - Ladies",
"category_id": 10000128,
"location_id": 1,
"descript": "sweater",
"price": 8.99,
"cost": 0,
"item_fee": 0,
"quantity": 1,
"tag_quantity": 1,
"price_code_id": 1001,
"tag_color_id": 0,
"donate_ind": 1,
"section": 0,
"msrp": 0,
"tax_type_id": 1,
"sub_title": "",
"user_field1": "A5002-1930",
"user_field2": "",
"user_field3": "",
"user_field4": "",
"user_field5": "",
"valuation": 0,
"weight": 0,
"shipping_fee": 0,
"website_id": 5,
"web_descript": "sweater",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
 {

```
"item_attr": {
  "cat_attr_name": "Size",
  "attr_value": "1X",
  "attr_type": 7110,
  "cat_attr_id": 6329,
  "priority": 2,
  "use_in_title": 1,
  "attr_value_id": 7828
}
},
{
  "item_attr": {
    "cat_attr_name": "Color",
    "attr_value": "green",
    "attr_type": 7111,
    "cat_attr_id": 6330,
    "priority": 3,
    "use_in_title": 1,
    "attr_value_id": 7835
  }
},
{
  "item_attr": {
    "cat_attr_name": "Condition",
    "attr_value": "Average",
    "attr_type": 7111,
    "cat_attr_id": 6331,
    "priority": 4,
    "use_in_title": 0,
    "attr_value_id": 7821
  }
}
],
"images": [
  {
    "item_image": {
      "image_id": 1001,
      "image_file": "1048A.jpg",
      "image_number": 1
    }
  }
]
}
```

```
}  
}
```

Delete Item

Deletes an Item

[URL]

<http://server/data/item?itemid=####>

[URL_METHOD]

DELETE

[RESPONSE]

```
{  
  "response": {  
    "result": 1  
  }  
}
```

Get New Item

Returns a shell item populated with the correct default values

[URL]

<http://server/data/newitem?clientid=####>

[URL_METHOD]

GET

[RESPONSE]

```
{  
  "response": {  
    "item": {  
      "item_id": -1,  
      "client_id": 1001,  
      "client_name": "Inez Asher",  
      "name": "Spanky's Sale",  
    }  
  }  
}
```

"account": "1",
"number": -1,
"purchaseMethod": 1,
"received": "3/31/2011 10:41:18 AM",
"status": "Needs Info",
"status_id": 3,
"category_qualified_name": "Spanky's Sale - Section",
"category_id": 10000296,
"location_id": 1,
"descript": "",
"price": 0,
"cost": 0,
"item_fee": 0,
"quantity": 1,
"tag_quantity": 1,
"price_code_id": 1,
"tag_color_id": 6,
"donate_ind": 1,
"section": 1,
"msrp": 0,
"tax_type_id": 1,
"sub_title": "",
"user_field1": "",
"user_field2": "",
"user_field3": "",
"user_field4": "",
"user_field5": "",
"valuation": 0,
"weight": 0,
"shipping_fee": 0,
"website_id": 0,
"web_descript": "",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "3/31/2011 10:41:19 AM",
"attributes": [

],

```
    "images": [  
    ]  
  }  
}  
}
```

Add/Update Item

Add or Update an Item

[URL]

Update -> <http://server/data/item?itemid=####>

Add -> <http://server/data/item?clientid=####>

[URL_METHOD]

POST

[BODY]

```
{  
  "item": {  
    "name": "Size 1X green Other",  
    "purchaseMethod": 1,  
    "received": "12/2/2010",  
    "category_id": 10000128,  
    "location_id": 1,  
    "descript": "sweater",  
    "price": 8.99,  
    "cost": 0,  
    "item_fee": 0,  
    "quantity": 1,  
    "tag_quantity": 1,  
    "price_code_id": 1001,  
    "tag_color_id": 0,  
    "donate_ind": 1,  
    "section": 0,  
    "msrp": 0,  
    "tax_type_id": 1,  
    "sub_title": "",  
    "user_field1": "A5002-1930",  
    "user_field2": ""  
  }  
}
```

```
"user_field3": "",
"user_field4": "",
"user_field5": "",
"valuation": 0,
"weight": 0,
"shipping_fee": 0,
"website_id": 5,
"web_descript": "sweater",
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
  {
    "item_attr": {
      "cat_attr_id": 1234,
      "attr_value_id": 1234
    }
  }
]
}
```

[RESPONSE]

```
{
  "response": {
    "item": {
      "item_id": 1048,
      "client_id": 1001,
      "client_name": "Inez Asher",
      "name": "Size 1X green Other",
      "account": "1",
      "number": 1930,
      "purchaseMethod": 1,
      "received": "12/2/2010",
      "status": "Needs Info",
      "status_id": 3,
      "category_qualified_name": "Other - Ladies",
    }
  }
}
```



```
"category_id": 10000128,
"location_id": 1,
"descript": "sweater",
"price": 8.99,
"cost": 0,
"item_fee": 0,
"quantity": 1,
"tag_quantity": 1,
"price_code_id": 1001,
"tag_color_id": 0,
"donate_ind": 1,
"section": 0,
"msrp": 0,
"tax_type_id": 1,
"sub_title": "",
"user_field1": "A5002-1930",
"user_field2": "",
"user_field3": "",
"user_field4": "",
"user_field5": "",
"valuation": 0,
"weight": 0,
"shipping_fee": 0,
"website_id": 5,
"web_descript": "sweater",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
  {
    "item_attr": {
      "cat_attr_name": "Size",
      "attr_value": "1X",
      "attr_type": 7110,
      "cat_attr_id": 6329,
      "priority": 2,
      "use_in_title": 1,
      "attr_value_id": 7828
```

```
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Color",
      "attr_value": "green",
      "attr_type": 7111,
      "cat_attr_id": 6330,
      "priority": 3,
      "use_in_title": 1,
      "attr_value_id": 7835
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Condition",
      "attr_value": "Average",
      "attr_type": 7111,
      "cat_attr_id": 6331,
      "priority": 4,
      "use_in_title": 0,
      "attr_value_id": 7821
    }
  }
],
"images": [
  {
    "item_image": {
      "image_id": 1001,
      "image_file": "1048A.jpg",
      "image_number": 1
    }
  }
]
}
}
```

Get default tax type for category

[URL]

<http://server/data/cattaxtype?categoryid=####>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response":{
    "tax_type_id":##
  }
}
```

Get Category Tree**[URL]**

<http://server/data/cattree?categoryid=####>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "cat_l1_id": 1001,
    "cat_l2_id": 1010,
    "cat_l3_id": 1071
  }
}
```

Add Item Image

User “number” to specify a specific position for the image. Image must be a JPEG

[URL]

[http://server/data/item/image/add?itemid=####\[&number=##\]](http://server/data/item/image/add?itemid=####[&number=##])

[URL_METHOD]

POST

[BODY]

(image stream)

[RESPONSE]

```
{
  "response": {
    "item": {
      "item_id": 1048,
      "client_id": 1001,
      "client_name": "Inez Asher",
      "name": "Size 1X green Other",
      "account": "1",
      "number": 1930,
      "purchaseMethod": 1,
      "received": "12/2/2010",
      "status": "Needs Info",
      "status_id": 3,
      "category_qualified_name": "Other - Ladies",
      "category_id": 10000128,
      "location_id": 1,
      "descript": "sweater",
      "price": 8.99,
      "cost": 0,
      "item_fee": 0,
      "quantity": 1,
      "tag_quantity": 1,
      "price_code_id": 1001,
      "tag_color_id": 0,
      "donate_ind": 1,
      "section": 0,
      "msrp": 0,
      "tax_type_id": 1,
      "sub_title": "",
      "user_field1": "A5002-1930",
      "user_field2": "",
      "user_field3": "",
      "user_field4": "",
      "user_field5": "",
      "valuation": 0,
```

```
"weight": 0,
"shipping_fee": 0,
"website_id": 5,
"web_descript": "sweater",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
  {
    "item_attr": {
      "cat_attr_name": "Size",
      "attr_value": "1X",
      "attr_type": 7110,
      "cat_attr_id": 6329,
      "priority": 2,
      "use_in_title": 1,
      "attr_value_id": 7828
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Color",
      "attr_value": "green",
      "attr_type": 7111,
      "cat_attr_id": 6330,
      "priority": 3,
      "use_in_title": 1,
      "attr_value_id": 7835
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Condition",
      "attr_value": "Average",
      "attr_type": 7111,
      "cat_attr_id": 6331,
      "priority": 4,
      "use_in_title": 0,
    }
  }
]
```

```
        "attr_value_id": 7821
      }
    ],
    "images": [
      {
        "item_image": {
          "image_id": 1001,
          "image_file": "1048A.jpg",
          "image_number": 1
        }
      }
    ]
  }
}
```

Remove Item Image

[URL]

<http://server/data/item/image/delete?itemid=####&number=##>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "item": {
      "item_id": 1048,
      "client_id": 1001,
      "client_name": "Inez Asher",
      "name": "Size 1X green Other",
      "account": "1",
      "number": 1930,
      "purchaseMethod": 1,
      "received": "12/2/2010",
      "status": "Needs Info",
      "status_id": 3,
      "category_qualified_name": "Other - Ladies",
      "category_id": 10000128,

```

```
"location_id": 1,
"descript": "sweater",
"price": 8.99,
"cost": 0,
"item_fee": 0,
"quantity": 1,
"tag_quantity": 1,
"price_code_id": 1001,
"tag_color_id": 0,
"donate_ind": 1,
"section": 0,
"msrp": 0,
"tax_type_id": 1,
"sub_title": "",
"user_field1": "A5002-1930",
"user_field2": "",
"user_field3": "",
"user_field4": "",
"user_field5": "",
"valuation": 0,
"weight": 0,
"shipping_fee": 0,
"website_id": 5,
"web_descript": "sweater",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
  {
    "item_attr": {
      "cat_attr_name": "Size",
      "attr_value": "1X",
      "attr_type": 7110,
      "cat_attr_id": 6329,
      "priority": 2,
      "use_in_title": 1,
      "attr_value_id": 7828
    }
  }
]
```

```
},
{
  "item_attr": {
    "cat_attr_name": "Color",
    "attr_value": "green",
    "attr_type": 7111,
    "cat_attr_id": 6330,
    "priority": 3,
    "use_in_title": 1,
    "attr_value_id": 7835
  }
},
{
  "item_attr": {
    "cat_attr_name": "Condition",
    "attr_value": "Average",
    "attr_type": 7111,
    "cat_attr_id": 6331,
    "priority": 4,
    "use_in_title": 0,
    "attr_value_id": 7821
  }
}
],
"images": [
  {
    "item_image": {
      "image_id": 1001,
      "image_file": "1048A.jpg",
      "image_number": 1
    }
  }
]
}
}
```

Move Item Image

[URL]

<http://server/data/item/image/move?itemid=####&number=##&moveto=##>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "item": {
      "item_id": 1048,
      "client_id": 1001,
      "client_name": "Inez Asher",
      "name": "Size 1X green Other",
      "account": "1",
      "number": 1930,
      "purchaseMethod": 1,
      "received": "12/2/2010",
      "status": "Needs Info",
      "status_id": 3,
      "category_qualified_name": "Other - Ladies",
      "category_id": 10000128,
      "location_id": 1,
      "descript": "sweater",
      "price": 8.99,
      "cost": 0,
      "item_fee": 0,
      "quantity": 1,
      "tag_quantity": 1,
      "price_code_id": 1001,
      "tag_color_id": 0,
      "donate_ind": 1,
      "section": 0,
      "msrp": 0,
      "tax_type_id": 1,
      "sub_title": "",
      "user_field1": "A5002-1930",
      "user_field2": "",
      "user_field3": "",
      "user_field4": "",
      "user_field5": "",
      "valuation": 0,
      "weight": 0,
      "shipping_fee": 0,
      "website_id": 5,
    }
  }
}
```

```
"web_descript": "sweater",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
  {
    "item_attr": {
      "cat_attr_name": "Size",
      "attr_value": "1X",
      "attr_type": 7110,
      "cat_attr_id": 6329,
      "priority": 2,
      "use_in_title": 1,
      "attr_value_id": 7828
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Color",
      "attr_value": "green",
      "attr_type": 7111,
      "cat_attr_id": 6330,
      "priority": 3,
      "use_in_title": 1,
      "attr_value_id": 7835
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Condition",
      "attr_value": "Average",
      "attr_type": 7111,
      "cat_attr_id": 6331,
      "priority": 4,
      "use_in_title": 0,
      "attr_value_id": 7821
    }
  }
]
```

```
],
  "images": [
    {
      "item_image": {
        "image_id": 1001,
        "image_file": "1048A.jpg",
        "image_number": 1
      }
    }
  ]
}
}
```

Item Selling Prices

Selling prices for the past year averaged on a weekly basis.

[URL]

[http://server/data/pricehistory?categoryid=#####\[&brandid=#####\]](http://server/data/pricehistory?categoryid=#####[&brandid=#####])

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "high_price": 12.95,
    "low_price": 0.63,
    "avg_price": 3.57,
    "price_data": [
      {
        "price_element": {
          "sort": 0,
          "week": 17,
          "high_price": 7.95,
          "low_price": 1.88,
          "avg_price": 4.34,
          "low_date": "{2010-04-24-13-04-41}"
        }
      }
    ],
  },
}
```

```
"price_element": {
  "sort": 1,
  "week": 18,
  "high_price": 7.95,
  "low_price": 2.25,
  "avg_price": 3.61,
  "low_date": "{2010-04-27-09-07-36}"
}
},
{
  "price_element": {
    "sort": 2,
    "week": 19,
    "high_price": 4.95,
    "low_price": 2.5,
    "avg_price": 3.54,
    "low_date": "{2010-05-08-12-46-58}"
  }
},
{
  "price_element": {
    "sort": 3,
    "week": 20,
    "high_price": 9.95,
    "low_price": 1.48,
    "avg_price": 4.41,
    "low_date": "{2010-05-10-12-32-45}"
  }
},
{
  "price_element": {
    "sort": 4,
    "week": 21,
    "high_price": 7.95,
    "low_price": 1.38,
    "avg_price": 3.58,
    "low_date": "{2010-05-18-14-51-26}"
  }
},
{
  "price_element": {
    "sort": 5,
    "week": 22,
```

```
    "high_price": 8.5,
    "low_price": 2.5,
    "avg_price": 3.84,
    "low_date": "{2010-05-29-09-52-41}"
  }
},
{
  "price_element": {
    "sort": 6,
    "week": 23,
    "high_price": 12.5,
    "low_price": 2.5,
    "avg_price": 4.16,
    "low_date": "{2010-06-05-13-08-42}"
  }
},
{
  "price_element": {
    "sort": 7,
    "week": 24,
    "high_price": 8.5,
    "low_price": 2.5,
    "avg_price": 4.53,
    "low_date": "{2010-06-08-09-45-48}"
  }
},
{
  "price_element": {
    "sort": 8,
    "week": 25,
    "high_price": 7.5,
    "low_price": 1,
    "avg_price": 3.92,
    "low_date": "{2010-06-19-12-54-31}"
  }
},
{
  "price_element": {
    "sort": 9,
    "week": 27,
    "high_price": 12.95,
    "low_price": 1,
    "avg_price": 3.41,
```

```
    "low_date": "{2010-06-29-10-31-00}"
  }
},
{
  "price_element": {
    "sort": 10,
    "week": 28,
    "high_price": 9.95,
    "low_price": 1,
    "avg_price": 3.73,
    "low_date": "{2010-07-09-08-46-50}"
  }
},
{
  "price_element": {
    "sort": 11,
    "week": 29,
    "high_price": 6.5,
    "low_price": 1,
    "avg_price": 2.93,
    "low_date": "{2010-07-15-16-08-47}"
  }
},
{
  "price_element": {
    "sort": 12,
    "week": 30,
    "high_price": 4.75,
    "low_price": 2,
    "avg_price": 3.51,
    "low_date": "{2010-07-20-15-42-55}"
  }
},
{
  "price_element": {
    "sort": 13,
    "week": 31,
    "high_price": 9.95,
    "low_price": 1,
    "avg_price": 3.07,
    "low_date": "{2010-07-27-09-56-32}"
  }
},
}
```

```
{
  "price_element": {
    "sort": 14,
    "week": 32,
    "high_price": 9.5,
    "low_price": 1,
    "avg_price": 2.95,
    "low_date": "{2010-08-04-09-08-59}"
  }
},
{
  "price_element": {
    "sort": 15,
    "week": 33,
    "high_price": 9.95,
    "low_price": 1,
    "avg_price": 4,
    "low_date": "{2010-08-11-14-11-28}"
  }
},
{
  "price_element": {
    "sort": 16,
    "week": 34,
    "high_price": 8.95,
    "low_price": 1.38,
    "avg_price": 3.77,
    "low_date": "{2010-08-17-08-47-48}"
  }
},
{
  "price_element": {
    "sort": 17,
    "week": 35,
    "high_price": 6.5,
    "low_price": 1.48,
    "avg_price": 3.91,
    "low_date": "{2010-08-28-09-50-54}"
  }
},
{
  "price_element": {
    "sort": 18,
```

```
    "week": 36,
    "high_price": 6.5,
    "low_price": 1.48,
    "avg_price": 3.26,
    "low_date": "{2010-09-04-09-31-41}"
  }
},
{
  "price_element": {
    "sort": 19,
    "week": 37,
    "high_price": 8.95,
    "low_price": 1.38,
    "avg_price": 4.1,
    "low_date": "{2010-09-07-09-02-17}"
  }
},
{
  "price_element": {
    "sort": 20,
    "week": 38,
    "high_price": 6.5,
    "low_price": 2.5,
    "avg_price": 3.73,
    "low_date": "{2010-09-14-08-56-22}"
  }
},
{
  "price_element": {
    "sort": 21,
    "week": 39,
    "high_price": 6.95,
    "low_price": 2.5,
    "avg_price": 3.99,
    "low_date": "{2010-09-21-09-41-59}"
  }
},
{
  "price_element": {
    "sort": 22,
    "week": 40,
    "high_price": 4.5,
    "low_price": 2.95,
```



```
    "avg_price": 3.61,  
    "low_date": "{2010-09-28-08-21-32}"  
  },  
  {  
    "price_element": {  
      "sort": 23,  
      "week": 41,  
      "high_price": 8.5,  
      "low_price": 2.75,  
      "avg_price": 4.26,  
      "low_date": "{2010-10-05-09-07-34}"  
    }  
  },  
  {  
    "price_element": {  
      "sort": 24,  
      "week": 42,  
      "high_price": 7.5,  
      "low_price": 2.5,  
      "avg_price": 4.08,  
      "low_date": "{2010-10-12-08-50-52}"  
    }  
  },  
  {  
    "price_element": {  
      "sort": 25,  
      "week": 43,  
      "high_price": 9.95,  
      "low_price": 2.75,  
      "avg_price": 4.15,  
      "low_date": "{2010-10-19-08-56-18}"  
    }  
  },  
  {  
    "price_element": {  
      "sort": 26,  
      "week": 44,  
      "high_price": 7.5,  
      "low_price": 1.48,  
      "avg_price": 3.9,  
      "low_date": "{2010-10-25-09-52-02}"  
    }  
  }
```

```
},
{
  "price_element": {
    "sort": 27,
    "week": 45,
    "high_price": 8.95,
    "low_price": 2.75,
    "avg_price": 4.18,
    "low_date": "{2010-11-01-10-11-57}"
  }
},
{
  "price_element": {
    "sort": 28,
    "week": 46,
    "high_price": 6.95,
    "low_price": 1.5,
    "avg_price": 3.93,
    "low_date": "{2010-11-09-08-03-50}"
  }
},
{
  "price_element": {
    "sort": 29,
    "week": 47,
    "high_price": 10.95,
    "low_price": 1.75,
    "avg_price": 4.28,
    "low_date": "{2010-11-16-08-08-55}"
  }
},
{
  "price_element": {
    "sort": 30,
    "week": 48,
    "high_price": 4.75,
    "low_price": 1.48,
    "avg_price": 3.22,
    "low_date": "{2010-11-23-11-14-41}"
  }
},
{
  "price_element": {
```

```
    "sort": 31,
    "week": 49,
    "high_price": 7.16,
    "low_price": 0.88,
    "avg_price": 3.13,
    "low_date": "{2010-11-30-08-17-08}"
  }
},
{
  "price_element": {
    "sort": 32,
    "week": 50,
    "high_price": 10.95,
    "low_price": 0.63,
    "avg_price": 3.18,
    "low_date": "{2010-12-11-10-09-36}"
  }
},
{
  "price_element": {
    "sort": 33,
    "week": 51,
    "high_price": 4.95,
    "low_price": 0.74,
    "avg_price": 2.62,
    "low_date": "{2010-12-18-12-45-40}"
  }
},
{
  "price_element": {
    "sort": 34,
    "week": 52,
    "high_price": 1.98,
    "low_price": 1.98,
    "avg_price": 1.98,
    "low_date": "{2010-12-21-15-29-39}"
  }
},
{
  "price_element": {
    "sort": 35,
    "week": 53,
    "high_price": 5.5,
```

```
    "low_price": 0.74,  
    "avg_price": 2.48,  
    "low_date": "{2010-12-28-13-07-46}"  
  }  
},  
{  
  "price_element": {  
    "sort": 36,  
    "week": 2,  
    "high_price": 5.95,  
    "low_price": 1,  
    "avg_price": 2.33,  
    "low_date": "{2011-01-08-09-53-44}"  
  }  
},  
{  
  "price_element": {  
    "sort": 37,  
    "week": 3,  
    "high_price": 5,  
    "low_price": 1,  
    "avg_price": 1.84,  
    "low_date": "{2011-01-11-08-56-17}"  
  }  
},  
{  
  "price_element": {  
    "sort": 38,  
    "week": 4,  
    "high_price": 2,  
    "low_price": 0.99,  
    "avg_price": 1.07,  
    "low_date": "{2011-01-18-08-25-52}"  
  }  
},  
{  
  "price_element": {  
    "sort": 39,  
    "week": 5,  
    "high_price": 5,  
    "low_price": 1,  
    "avg_price": 1.45,  
    "low_date": "{2011-01-25-09-03-41}"  
  }  
}
```

```
}
},
{
  "price_element": {
    "sort": 40,
    "week": 6,
    "high_price": 4.5,
    "low_price": 1,
    "avg_price": 2.92,
    "low_date": "{2011-02-05-10-25-21}"
  }
},
{
  "price_element": {
    "sort": 41,
    "week": 7,
    "high_price": 3.75,
    "low_price": 1,
    "avg_price": 2.57,
    "low_date": "{2011-02-08-08-06-20}"
  }
},
{
  "price_element": {
    "sort": 42,
    "week": 8,
    "high_price": 5.5,
    "low_price": 2.5,
    "avg_price": 3.34,
    "low_date": "{2011-02-19-12-03-17}"
  }
},
{
  "price_element": {
    "sort": 43,
    "week": 9,
    "high_price": 4.5,
    "low_price": 2.5,
    "avg_price": 3.45,
    "low_date": "{2011-02-26-11-52-13}"
  }
},
{
```

```
"price_element": {
  "sort": 44,
  "week": 10,
  "high_price": 4.5,
  "low_price": 2.95,
  "avg_price": 3.84,
  "low_date": "{2011-03-05-12-04-10}"
}
},
{
  "price_element": {
    "sort": 45,
    "week": 11,
    "high_price": 7.95,
    "low_price": 2.75,
    "avg_price": 4,
    "low_date": "{2011-03-12-11-19-31}"
  }
},
{
  "price_element": {
    "sort": 46,
    "week": 12,
    "high_price": 5.95,
    "low_price": 2.5,
    "avg_price": 3.46,
    "low_date": "{2011-03-15-15-23-26}"
  }
},
{
  "price_element": {
    "sort": 47,
    "week": 13,
    "high_price": 5.95,
    "low_price": 2.5,
    "avg_price": 3.74,
    "low_date": "{2011-03-26-12-12-13}"
  }
},
{
  "price_element": {
    "sort": 48,
    "week": 14,
```

```
    "high_price": 9.95,
    "low_price": 1.48,
    "avg_price": 4.1,
    "low_date": "{2011-04-02-11-55-15}"
  }
},
{
  "price_element": {
    "sort": 49,
    "week": 15,
    "high_price": 7.5,
    "low_price": 1.98,
    "avg_price": 3.83,
    "low_date": "{2011-04-04-13-55-22}"
  }
},
{
  "price_element": {
    "sort": 50,
    "week": 16,
    "high_price": 5.95,
    "low_price": 1.48,
    "avg_price": 3.45,
    "low_date": "{2010-04-16-16-14-08}"
  }
}
]
}
}
```

Generate Item Name

[URL]

<http://server/data/getitemname>

[URL_METHOD]

POST

[BODY]

```
{
  "item": {
    "category_id": 10000128,
    "attributes": [
      {
        "item_attr": {
          "cat_attr_id": 1234,
          "attr_value_id": 1234
        }
      }
    ]
  }
}
```

[RESPONSE]

```
{"response":{"item_name":"CALVIN KLEIN Dress"}}
```

Get list of available tag types

[URL]

<http://server/data/lookup/tagtype>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "Default": 100,
    "misc_blob": [
      {
        "element": {
          "key_value": 101,
          "descript": "Vertical Markdown Tag"
        }
      }
    ],
  },
}
```



```
{
  "element": {
    "key_value": 100,
    "descript": "Vertical Tag"
  }
}
]
```

Get list of email item lists

[URL]

<http://server/data/lookup/itemlistemail>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "RWD_AW_REPORT.DBO.report": [
      {
        "element": {
          "key_value": 64,
          "descript": "Item List Email"
        }
      }
    ]
  }
}
```

Get printer list

[URL]

<http://server/data/lookup/printers>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "default": "Microsoft XPS Document Writer",
    "printers": [
      {
        "printer": {
          "name": "KONICA MINOLTA 360PS(P)"
        }
      }
    ]
  }
}
```

Print Price Tags

[URL]

[http://server/data/item/printtags?tagid=#&clientid=#&startnum=#&endnum=#&printer=printername&userfilter=0/1\]\[&fromdate=YYYY-MM-DD\]&\[todate=YYYY-MM-DD\]](http://server/data/item/printtags?tagid=#&clientid=#&startnum=#&endnum=#&printer=printername&userfilter=0/1][&fromdate=YYYY-MM-DD]&[todate=YYYY-MM-DD])

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "result": 1,
    "tags_printed": 2
    "result_text": ""
  }
}
```

Email Item List

[URL]

<http://server/data/item/emaillist?clientid=#&startnum=#&endnum=#>

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "result": 1,
    "result_text": ""
  }
}
```

Copy Item

“updatetime” indicates that the Received Timestamp should be updated to the current server time.

“quantity” indicates the quantity on hand for the new item not the number of copies.

[URL]

[http://server/data/copyitem?itemid=####\[&updatetime=0/1&cost=#.##&quantity=#\]](http://server/data/copyitem?itemid=####[&updatetime=0/1&cost=#.##&quantity=#])

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "item": {
      "item_id": 1048,
      "client_id": 1001,
      "client_name": "Inez Asher",
      "name": "Size 1X green Other",
      "account": "1",
      "number": 1930,
      "purchaseMethod": 1,
      "received": "12/2/2010",
      "status": "Needs Info",
      "status_id": 3,
      "category_qualified_name": "Other - Ladies",

```

```
"category_id": 10000128,
"location_id": 1,
"descript": "sweater",
"price": 8.99,
"cost": 0,
"item_fee": 0,
"quantity": 1,
"tag_quantity": 1,
"price_code_id": 1001,
"tag_color_id": 0,
"donate_ind": 1,
"section": 0,
"msrp": 0,
"tax_type_id": 1,
"sub_title": "",
"user_field1": "A5002-1930",
"user_field2": "",
"user_field3": "",
"user_field4": "",
"user_field5": "",
"valuation": 0,
"weight": 0,
"shipping_fee": 0,
"website_id": 5,
"web_descript": "sweater",
"max_quantity": 1,
"web_quantity": 1,
"shipping_fee": 0,
"handling_fee": 0,
"height": 0,
"item_length": 0,
"width": 0,
"start": "12/15/2010 8:04:59 AM",
"attributes": [
  {
    "item_attr": {
      "cat_attr_name": "Size",
      "attr_value": "1X",
      "attr_type": 7110,
      "cat_attr_id": 6329,
      "priority": 2,
      "use_in_title": 1,
      "attr_value_id": 7828
```

```
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Color",
      "attr_value": "green",
      "attr_type": 7111,
      "cat_attr_id": 6330,
      "priority": 3,
      "use_in_title": 1,
      "attr_value_id": 7835
    }
  },
  {
    "item_attr": {
      "cat_attr_name": "Condition",
      "attr_value": "Average",
      "attr_type": 7111,
      "cat_attr_id": 6331,
      "priority": 4,
      "use_in_title": 0,
      "attr_value_id": 7821
    }
  }
],
"images": [
  {
    "item_image": {
      "image_id": 1001,
      "image_file": "1048A.jpg",
      "image_number": 1
    }
  }
]
}
}
```

Check Security

[URL]

http://server/data/isallowed?formname=nameofform&fieldname={field_name1,field_name2}

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "field_name1": 1,
    "field_name2": 0
  }
}
```

Change Password**[URL]**

http://server/data/changepass?oldpass=old_password&newpass=new_password

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "result": 1
  }
}
```

Create Transaction

Restricted to user defined transaction types. (transcd > 1000)

[URL]

<http://server/data/transaction?clientid=####&amount=#.##&descript=description&transcd=####>

[URL_METHOD]

POST

[RESPONSE]

```
{
  "response": {
    "result": 1
  }
}
```

Create Credit On Account**[URL]**

<http://server/data/storecredit?clientid=####&amount=#.##&descript=description>

[URL_METHOD]

POST

[RESPONSE]

```
{
  "response": {
    "result": 1
  }
}
```

Get Transactions**[URL]**

<http://server/data/translist?clientid=####&closed=0/1&totals=0/1&perpage=#&pagenum=#>

- Set closed = 1 to include all transactions
- Set totals = 1 to return only totals

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "currentpage": 1,
    "total_count": 1,
    "total_due": -10,
  }
}
```

```
"total_items": 0,
"total_other": -10,
"total_payable": -10,
"payable_date": "{2012-07-13-23-59-59}",
"transactions": [
  {
    "transaction": {
      "client_trans_id": 2752,
      "client_id": 1001,
      "item_id": 0,
      "payout_id": 0,
      "trans_cd_id": 1001,
      "user_id": 1001,
      "act_trans_ts": "{2012-07-13-14-24-45}",
      "act_trans_desc": "Test",
      "act_trans_amt": -10,
      "hold_ind": 0,
      "gl_export_ind": 0,
      "sync_ind": 0,
      "user_name": "System User",
      "item_num": 0,
      "item_name": "",
      "check_num": "",
      "trans_cd_desc": "Test",
      "trans_held": "",
      "has_note": ""
    }
  }
]
}
```

Prepare Payout

[URL]

<http://server/data/preparepayout?clientid=####&checkfee=#.##&checkmin=#.##&paymentaccount=#&soldto=YYYY-MM-DD&receivedto=YYYY-MM-DD>

- Check Fee and Check Min. will default to 0
- Payment Account will default to "check"
- SoldTo and ReceivedTo will default to "now"

[URL_METHOD]

GET

[RESPONSE]

```
{
  "response": {
    "totalcredits": 2,
    "totaldeductions": 0,
    "totalfees": 0,
    "totalpayout": 2,
    "totaltransactions": 2
  }
}
```

Print Payout

Note: It is required to call Print Payout in order to assign the payout number. Use "printcheck=0" if you do not wish to actually print a check.

[URL]

<http://server/data/printpayout?clientid=####&checkno=####&printcheck=0/1>

[RESPONSE]

```
{
  "response": {
    "result": 1
  }
}
```

Post Payout**[URL]**

<http://server/data/postpayout?clientid=####>

[RESPONSE]

```
{
  "response": {
    "result": 1
  }
}
```

Payout List

[URL]

<http://server/data/payoutlist?clientid=####&limit=##>

[RESPONSE]

```
{
  "response": {
    "total": 2,
    "payouts": [
      {
        "payout": {
          "checknum": "00004",
          "payoutdate": "{2012-10-15-10-23-02}",
          "descript": "Check - 7 items",
          "payamount": 543.75,
          "status": "Open"
        }
      },
      {
        "payout": {
          "checknum": "01177",
          "payoutdate": "{2008-06-03-16-08-50}",
          "descript": "Payment Advance",
          "payamount": 30,
          "status": "Open"
        }
      }
    ]
  }
}
```

```
}
```

Client Totals

[URL]

```
http://server//data/clienttotals?paymentaccount=##  
&filtercode=##  
&highaccount=#####  
&lowaccount=#####  
&soldto=YYYY-MM-DD  
&receivedto=YYYY-MM-DD  
&checkfee=#.##  
&checkmin=#.##
```

[RESPONSE]

```
{  
  "response": {  
    "total": 2,  
    "clients": [  
      {  
        "client": {  
          "clientid": 1024,  
          "account": 120,  
          "firstname": "Elizabeth",  
          "lastname": "Canedo",  
          "payamount": 2  
        }  
      },  
      {  
        "client": {  
          "clientid": 1026,  
          "account": 122,  
          "firstname": "Jean",  
          "lastname": "Foster",  
          "payamount": 2.8  
        }  
      }  
    ]  
  }  
}
```

}
}
]