

# **MVI** Live Stats

## **API Specification V3.1**

## Overview

The intent of this document is to describe the method by which third party software can communicate with MVI Live Stats. The API defined herein uses structured XML for the formatting of data and the HTTPS protocol for the exchanging of it. The following sections define how this process works and how third party software can use it to communicate with MVI Live Stats.

In order for certain characters to appear between XML tags, they must be encoded into HTML entities. The list of characters and their respective HTML entities are as follows:

Character	HTML Entity Equivalent
&	&amp; or &#038;
<	&lt; or &#060;
>	&gt; or &#062;

Throughout this document the use of **red** text indicates where the user of the API will pass specific data or where the API returns data. The use of **purple** text indicates notations specific to the method. They are NOT to be passed as part of the data to the API. They are simply there to provide more explanation.

The api can be accessed at the following URL:

[http://api.mvilivestats.com/api\\_request.php](http://api.mvilivestats.com/api_request.php)

## Requests

There are two primary Request types that can be sent to the API; account-level requests and site-level requests. It is important to note that any site-level request will require that a `siteID` be included as part of the actual request tag within `MVILiveStatsAPIRequest`.

The most basic of XML Requests to MVI Live Stats will always contain the following:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="">
  <REQUEST_ELEMENT>REQUEST DATA</REQUEST_ELEMENT>
</MVILiveStatsAPIRequest>
```

The first line above states the XML version and encoding being used for the transaction. (At this time MVI Live Stats requires the use of "UTF-8" encoding for all transactions.) On the next line is the "`MVILiveStatsAPIRequest`" tag which is the main container of all requests sent to the MVI Live Stats API.

Within the `MVILiveStatsAPIRequest` line is the `authToken` property. The `authToken` is the way in which the MVI Live Stats API identifies the account that it is providing details for. The only method that does not require a valid auth token is the `getAuthToken` method. All other methods require the auth token present in order for it to be considered a valid request.

Note: authTokens expire after 30 minutes of inactivity.

Beneath the `MVILiveStatsAPIRequest` line is the actual request that is to be sent. See below for the complete list of requests that can be received by MVI Live Stats via this API.

## Response

The most basic of XML Response from MVI Live Stats will always contain the following:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <RESPONSE_ELEMENT>RESPONSE DATA</RESPONSE_ELEMENT>
</MVILiveStatsAPIResponse>
```

The first line above states the XML version and encoding being used for the transaction. (At this time MVI Live Stats requires the use of "UTF-8" encoding for all transactions.) On the next line is the **MVILiveStatsAPIResponse** tag which is the container of the responses.

If the originating request was a site-level request, then the **MVILiveStatsAPIResponse** will include a **requestToken** which is a unique code that is assigned to each request that the API receives. The **requestToken** can be used for tracking requests that have triggered a Usage Violations (see below). Below that, is the actual response tag which contains the response that is being delivered.

## Error Responses

Occasionally a request that is sent to the API may trigger an error. When this occurs, the MVI Live Stats API will return a specific error response that has the following structure:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIError>
  <errorCode>ERROR CODE</errorCode>
  <errorDescription>ERROR DESCRIPTION</errorDescription>
</MVILiveStatsAPIError>
```

The error response will include a code (see section **Error Codes** for more details) and a description of the error. Response errors may include additional information depending on the type of errors (e.g. a usage violation error discussed below).

## Collections

Throughout the different requests and responses available via the API, there are number of nodes whose names end with a suffix of "Collection". These nodes are used to represent a collection (or list) of similar items. All collections follow this format:

```
<[ITEM]Collection [ITEM]Count="10">
  <[ITEM]></[ITEM]>
  <[ITEM]></[ITEM]>
</[ITEM]Collection>
```

Where [item] represents the name/type of the items within the collection. Every collection will contains a count attribute which signifies the amount of items within the collection.

The maximum of a collection that is returned by the API is **2500**. Should the client need to return more than **2500** results, it is up to the client make subsequent requests for the remaining data.

## Date Format

Date values sent to and received from the API as parameters within Requests must adhere to the following format:

**yyyy-mm-dd hh:mm:ss**

Dates that do not conform to this format will not be accepted and will return an **MVILiveStatsAPIError** response from the API. Dates returned via site-level response will be based on the timezone settings associated with that site.

## Usage Violation Response

The usage of the API is limited at the server level to ensure that it is not abused. Any requests that violate the server-level usage controls will result in an **MVILiveStatsAPIError** response from the API. No unauthenticated requests will be processed by the API. Usage violations can only occur at the site level.

Each request that is sent to the API will have a certain level of usage limitation. Each request described below specifies the usage limitation of that particular request. The following is an example of a usage violation response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIError>
  <errorCode>8</errorCode>
  <errorDescription>Submitted Request Still Within Timeout
  Period</errorDescription>
  <origRequestToken>89519d510e1bf5f8194dbcad865283f2</origRequestToken>
  <timeoutDateTime>2009-06-22 11:53:01</timeoutDateTime>
</MVILiveStatsAPIError>
```

In the example above, the response includes 4 elements:

- Error Code 8 – indicates that a usage violation occurred
- Error Description – describes that the request was submitted during the timeout period
- Orig Request Token – contains the originating request token of the last request which produced a valid response.
- Timeout Date/Time – contains the date and time that the timeout period expires (e.g. the request can be resubmitted)

## Usage Violation Warnings

The MVI Live Stats API allows for requests to be submitted within the time period of a usage violation only **once**. A usage violation warning attribute will appear within the response to let the client know that the request that was submitted will be in violation if requested again. This allows the client to submit a request, receive the response with the usage violation warning before being blocked from receiving the actual response they were expecting. It is up to the client to understand that once it has received a **usageViolationWarning** that if an identical subsequent request is made within the usage violation time period, it will return an error.

The following is an example of a usage violation warning response:

```

<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopKeywordsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c" usageViolationWarning="True"
  >
    <keywordCollection keywordCount="1">
      <keyword>
        <keyword>keyword1</keyword>
        <visits>100</visits>
      </keyword>
    </keywordCollection>
  </getTopKeywordsResponse>
</MVILiveStatsAPIResponse>

```

## The Callback API

The Callback API is a system that allows MVI Live Stats to inform a third-party webservice that an Event Trigger has taken place. Once a callback URL is provided to a the event trigger, when the event occurs on the website, the callback API initiates an API POST to the URL that is supplied. The following is a sample of one such POST:

```

<?xml version="1.0" encoding="utf-8"?>
<mviSPYEventTriggerCallback>
  <eventTriggerName>Florida Match</eventTriggerName>
  <eventTriggerDateTime>2009-07-31 07:45:01</eventTriggerDateTime>
  <visitDetails>
    <dateTimeOfVisit>2009-07-31 07:44:19</dateTimeOfVisit>
    <durationOfVisit>Still Online</durationOfVisit>
    <pageViews>6</pageViews>
    <eventsTriggered>2</eventsTriggered>
    <PPCVisit>No</PPCVisit>
    <organizationName>Media Vue</organizationName>
    <address1>3081 E Commercial Blvd</address1>
    <address2>2nd Floor</address2>
    <city>Ft Lauderdale</city>
    <stateProvince>FL</stateProvince>
    <postalZipCode>33308</postalZipCode>
    <country>United States</country>
    <referringURL />
    <searchEngine />
    <keywords />
    <entryPage>/</entryPage>
    <exitPage>/thankyou.php</exitPage>
    <IPAddress>66.165.162.150</IPAddress>
    <userAgent>Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2;
.NET CLR 1.1.4322; .NET CLR 2.0.50727)</userAgent>
    <browser>IE 7.0</browser>
    <operatingSystem>Win2003</operatingSystem>
    <userData1 />
    <userData2 />
    <userData3 />
    <userData4 />
  </visitDetails>
</mviSPYEventTriggerCallback>

```

```
<userData5 />
<pageViewCollection pageViewCount="6">
  <pageView>
    <dateTime>2009-07-31 07:44:19</dateTime>
    <timeOnPage>00:00:01</timeOnPage>
    <page>/</page>
  </pageView>
  <pageView>
    <dateTime>2009-07-31 07:44:20</dateTime>
    <timeOnPage>00:00:02</timeOnPage>
    <page>/virtual_host.php</page>
  </pageView>
  <pageView>
    <dateTime>2009-07-31 07:44:22</dateTime>
    <timeOnPage>00:00:03</timeOnPage>
    <page>/dedicated_servers.php</page>
  </pageView>
  <pageView>
    <dateTime>2009-07-31 07:44:25</dateTime>
    <timeOnPage>00:00:07</timeOnPage>
    <page>/secure_backup.php</page>
  </pageView>
  <pageView>
    <dateTime>2009-07-31 07:44:32</dateTime>
    <timeOnPage>00:00:05</timeOnPage>
    <page>/</page>
  </pageView>
  <pageView>
    <dateTime>2009-07-31 07:44:37</dateTime>
    <timeOnPage>Still Online</timeOnPage>
    <page>/thankyou.php</page>
  </pageView>
</pageViewCollection>
<eventTriggeredCollection eventTriggeredCount="2">
  <eventTriggered>
    <dateTime>2009-07-31 07:44:37</dateTime>
    <event>Contact for submission</event>
    <page>/thankyou.php</page>
  </eventTriggered>
  <eventTriggered>
    <dateTime>2009-07-31 07:45:01</dateTime>
    <event>Florida Match</event>
    <page>N/A</page>
  </eventTriggered>
</eventTriggeredCollection>
</visitDetails>
</mviSPYEventTriggerCallback>
```

When a callback is made by MVI Live Stats to the callback URL, the API expects to receive a notification response indicating that the POST was successfully received. The following is a sample of what that response looks like:

```
<?xml version="1.0" encoding="utf-8"?>  
<mviSPYEventTriggerCallbackResponse>  
  <result>Success</result>  
</mviSPYEventTriggerCallbackResponse>
```

If the API does not receive this response, it will assume that the POST failed and will subsequently keep trying to resend the data incrementally. The data will be sent up to 9 additional times (10 in total). Each re-try attempt will occur at intervals twice as long as the previous interval. For example, the 3<sup>rd</sup> retry will occur 8 minutes after the second failed attempt and the 4<sup>th</sup> retry will occur 16 minutes after the 3<sup>rd</sup> failed attempt.

## Requests

When making requests to the MVI Live Stats API system, they must conform to the rules as described in the overview. Should the request be incorrect or unrecognized, MVI Live Stats will return a **MVILiveStatsAPIError** response (described in XML Response section).

The following is a list of all valid API commands that can be requested via an XML Request to MVI Live Stats. Next to each request is the format that the response is available in along with a description of what the response includes.

	Request	Type	Response Returned
1	<b>getAuthToken</b>	Account-level	Data
2	<b>getSiteList</b>	Account-level	Data
3	<b>getSiteByName</b>	Account-level	Data
4	<b>getSiteByPrimarySiteHost</b>	Account-level	Data
5	<b>createSite</b>	Account-level	Data
6	<b>getAdditionalUserList</b>	Account-level	Data
7	<b>getAdditionalUserDetails</b>	Account-level	Data
8	<b>createAdditionalUser</b>	Account-level	Data
9	<b>updateAdditionalUser</b>	Account-level	Data
10	<b>removeAdditionalUser</b>	Account-level	Data
11	<b>getOnlineVisitList</b>	Site-level	Data
12	<b>getVisitDetails</b>	Site-level	Data
13	<b>getTopKeywords</b>	Site-level	Data
14	<b>getTopKeywordChart</b>	Site-level	Image URL
15	<b>getTopEntryPages</b>	Site-level	Data
16	<b>getTopEntryPageChart</b>	Site-level	Image URL
17	<b>getTopExitPages</b>	Site-level	Data
18	<b>getTopExitPageChart</b>	Site-level	Image URL
19	<b>getTopBouncedPages</b>	Site-level	Data
20	<b>getTopBouncedPageChart</b>	Site-level	Image URL
21	<b>getTopTrails</b>	Site-level	Data
22	<b>getTopTrailChart</b>	Site-level	Image URL
23	<b>getTopReferringURLs</b>	Site-level	Data
24	<b>getTopReferringURLChart</b>	Site-level	Image URL
25	<b>getTopSearchEngines</b>	Site-level	Data
26	<b>getTopSearchEngineChart</b>	Site-level	Image URL
27	<b>getTopCountries</b>	Site-level	Data

28	<b>getTopCountryChart</b>	Site-level	Image URL
29	<b>getTopBrowsers</b>	Site-level	Data
30	<b>getTopBrowserChart</b>	Site-level	Image URL
31	<b>getTopOperatingSystems</b>	Site-level	Data
32	<b>getTopOperatingSystemChart</b>	Site-level	Image URL
33	<b>getTopPPCEntryPages</b>	Site-level	Data
34	<b>getTopPPCEntryPageChart</b>	Site-level	Image URL
35	<b>getTopPagesViewed</b>	Site-level	Data
36	<b>getTopPagesViewedChart</b>	Site-level	Image URL
37	<b>getAllVisitTotals</b>	Site-level	Data
38	<b>getAllVisitTotalsGraph</b>	Site-level	Image URL
39	<b>getUniqueVisitTotals</b>	Site-level	Data
40	<b>getUniqueVisitTotalsGraph</b>	Site-level	Image URL
41	<b>getBouncedVisitTotals</b>	Site-level	Data
42	<b>getBouncedVisitTotalsGraph</b>	Site-level	Image URL
43	<b>getPageViewsTotals</b>	Site-level	Data
44	<b>getPageViewTotalsGraph</b>	Site-level	Image URL
45	<b>getEventTriggersTotals</b>	Site-level	Data
46	<b>getEventTriggerDetails</b>	Site-level	Data
47	<b>getEventsTriggeredTotalsGraph</b>	Site-level	Image URL
48	<b>getEventTriggerList</b>	Site-level	Data
49	<b>createEventTrigger</b>	Site-level	Data
50	<b>updateEventTrigger</b>	Site-level	Data
51	<b>removeEventTrigger</b>	Site-level	Data
52	<b>createSiteHost</b>	Site-level	Data
53	<b>setPrimarySiteHost</b>	Site-level	Data
54	<b>removeSiteHost</b>	Site-level	Data
55	<b>getSiteHostList</b>	Site-level	Data
56	<b>getLiveChatSessionList</b>	Site-level	Data
57	<b>getLiveChatSessionDetails</b>	Site-level	Data
58	<b>getCustomReportList</b>	Site-level	Data
59	<b>getCustomReportVisitList</b>	Site-level	Data
60	<b>getVisitList</b>	Site-level	Data
61	<b>getHistoricalVisitList</b>	Site-level	Data
62	<b>getHistoricalVisitListByUserData</b>	Site-level	Data

## getAuthToken

This method is used to establish an Authentication Token which will be required for all subsequent requests that will be sent.

### Input:

Input Name	Description
login	Your MVI Live Stats account login
Password	Your MVI Live Stats account password

### Request

```
<?xml version="1.0" encoding="utf-8"?>
  <MVILiveStatsAPIRequest authToken="">
    <getAuthToken>
      <login>websitename.com</login>
      <password>password</password>
    </getAuthToken>
  </MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getAuthTokenResponse>
    <authToken>a32809e0a428ce52bdc7942f0377bd8e</authToken>
  </getAuthTokenResponse>
</MVILiveStatsAPIResponse>
```

## getSiteList

This method is used to return a list the list of sites that the authenticated account is privileged on.

Note: This method requires no input data and therefore can include a self-closing element.

### Request

```
<?xml version="1.0" encoding="utf-8"?>
  <MVILiveStatsAPIRequest authToken="d2376161c6447ab69d3dc9f11e79246d">
    <getSiteList />
  </MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse authToken="d2376161c6447ab69d3dc9f11e79246d">
  <getSiteListResponse>
    <siteCollection siteCount="4">
      <site>
        <siteID>1</siteID>
        <name>MVIHosting.com</name>
        <primarySiteHost>www.mvihosting.com</primarySiteHost>
      </site>
      <site>
        <siteID>23</siteID>
        <name>site3</name>
        <primarySiteHost>www.site3.com</primarySiteHost>
      </site>
      <site>
        <siteID>24</siteID>
        <name>site4</name>
        <primarySiteHost>www.site4.com</primarySiteHost>
      </site>
      <site>
        <siteID>146</siteID>
        <name>test12345.com</name>
        <primarySiteHost>www.test12345.com</primarySiteHost>
      </site>
    </siteCollection>
  </getSiteListResponse>
</MVILiveStatsAPIResponse>
```

## getSiteByName

This method is used to return site data based on a name that is provided.

### Input:

Input Name	Description
name	The name of the site being requested

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="d2376161c6447ab69d3dc9f11e79246d">
  <getSiteByName>
    <name>mvihosting.com</name>
  </getSiteByName>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getSiteByNameResponse>
    <site>
      <siteID>1</siteID>
      <name>MVIHosting.com</name>
      <primarySiteHost>www.mvihosting.com</primarySiteHost>
    </site>
  </getSiteByNameResponse>
</MVILiveStatsAPIResponse>
```

## getSiteByPrimarySiteHost

This method is used to return site data based on a site host that is provided.

### Input:

Input Name	Description
primarySiteHost	The primary site host of the site being requested

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="d2376161c6447ab69d3dc9f11e79246d">
  <getSiteByPrimarySiteHost>
    <primarySiteHost>www.mvihosting.com</primarySiteHost>
  </getSiteByPrimarySiteHost>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getSiteByPrimarySiteHostResponse>
    <site>
      <siteID>1</siteID>
      <name>MVIHosting.com</name>
      <primarySiteHost>www.mvihosting.com</primarySiteHost>
    </site>
  </getSiteByPrimarySiteHostResponse>
</MVILiveStatsAPIResponse>
```

## createSite

This method is used create a new site for the authenticated account.

Note: This method is restricted to master MVI Live Stats accounts only.

### Input:

Input Name	Description
primarySiteHost	The primary site host for the site being created.
skipFreeTrial	Accepts "True" or "False." If set to True, it will set up the site as a paid site at the lowest billing settings.

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <createSite>
    <primarySiteHost>www.mynewsitehost.com</primarySiteHost>
    <skipFreeTrial>True</skipFreeTrial>
  </createSite>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <createSiteResponse>
    <result>Successful</result>
    <siteID>1</siteID>
  </createSiteResponse>
</MVILiveStatsAPIResponse>
```

## getAdditionalUserList

This method is used to return a list the list of additional users on the authenticated account

Note: This method requires no input data and therefore can include a self-closing element.

Note: This method is restricted to master MVI Live Stats accounts only.

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getAdditionalUserList />
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getAdditionalUserListResponse>
    <additionalUserCollection additionalUserCount="5">
      <additionalUser>
        <additionalUserID>1</additionalUserID>
        <login>additionaluser1</login>
        <name>Additional User 1</name>
        <email>additional@user1.com</email>
      </additionalUser>
      <additionalUser>
        <additionalUserID>2</additionalUserID>
        <login>additionaluser2</login>
        <name>Additional User 2</name>
        <email>additional@user2.com</email>
      </additionalUser>
      [ADDITIONAL USERS CONTINUE ON HERE UNTIL 5]
    </additionalUserCollection>
  </getAdditionalUserListResponse>
</MVILiveStatsAPIResponse>
```

The notations listed within the additional user collection indicates that the data will continue until it reaches the level identified in the `additionalUserCount` attribute.

## getAdditionalUserDetails

This method is used to return the details of the additional user as identified by the input variable.

Note: This method is restricted to master MVI Live Stats accounts only.

### Input:

Input Name	Description
additionalUserID	The identifier of the additional user being requested

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getAdditionalUserDetails siteID="1">
    <additionalUserID>1</additionalUserID>
  </getAdditionalUserDetails>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getAdditionalUserDetailsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <name>Additional User 1</name>
    <email>additional@user1.com</email>
    <login>additionaluser1</login>
    <password>12345</password>
    <siteCollection siteCount="2">
      <site>
        <siteID>1</siteID>
        <name>MYSite1.com</name>
        <primarySiteHost>www.mysite1.com</primarySiteHost>
      </site>
      <site>
        <siteID>2</siteID>
        <name>MYSite2.com</name>
        <primarySiteHost>www.mysite2.com</primarySiteHost>
      </site>
    </siteCollection>
  </getAdditionalUserDetailsResponse>
</MVILiveStatsAPIResponse>
```

## createAdditionalUser

This method is used to create an additional user based on the data passed via the input variables.

Note: This method is restricted to master MVI Live Stats accounts only.

### Input:

Input Name	Description
<b>name</b>	Name of the user being added
<b>email</b>	Email address of the user being added
<b>login</b>	Login of the user being added
<b>password</b>	Password of the user being added
<b>siteIDCollection</b>	A collection containing the sites that the user will have access to

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <createAdditionalUser>
    <name>New Additional User 1</name>
    <email>newadditional@user1.com</email>
    <login>newadditionaluser1</login>
    <password>67890</password>
    <siteIDCollection siteIDCount="2">
      <siteID>1</siteID>
      <siteID>2</siteID>
    </siteIDCollection>
  </createAdditionalUser>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <createAdditionalUserResponse>
    <result>Successful</result>
    <additionalUserID>1</additionalUserID>
  </createAdditionalUserResponse>
</MVILiveStatsAPIResponse>
```

## updateAdditionalUser

This method is used to update an additional user based on the data passed via the input variables.

Note: This method is restricted to master MVI Live Stats accounts only.

### Input:

Input Name	Description
additionalUserID	Identifier of the additional user being updated
name	Name of the user being updated
email	Email address of the user being updated
login	Login of the user being updated
password	Password of the user being updated
siteIDCollection	A collection containing the sites that the user will have access to

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <updateAdditionalUser>
    <name>New Additional User 1</name>
    <email>newadditional@user1.com</email>
    <login>newadditionaluser1</login>
    <password>67890</password>
    <siteIDCollection siteIDCount="2">
      <siteID>1</siteID>
      <siteID>2</siteID>
    </siteCollection>
  </updateAdditionalUser>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <updateAdditionalUserResponse>
    <result>Successful</result>
  </updateAdditionalUserResponse>
</MVILiveStatsAPIResponse>
```

## removeAdditionalUser

This method is used to remove an additional user based on the data passed via the input variables.

Note: This method is restricted to master MVI Live Stats accounts only.

### Input:

Input Name	Description
additionalUserID	Identifier of the additional user being removed

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <removeAdditionalUser>
    <additionalUserID>5</additionalUserID>
  </removeAdditionalUser>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <removeAdditionalUserResponse>
    <result>Successful</result>
  </removeAdditionalUserResponse>
</MVILiveStatsAPIResponse>
```

## getOnlineVisitList

This method is used to return a list of visitors who are currently on a specific site as determined by the `siteID` that is provided.

Note: This method requires only a valid `siteID`.

### Usage Violation Timeout Period: 30 seconds

#### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="d2376161c6447ab69d3dc9f11e79246d">
  < getOnlineVisitList siteID="1" />
</MVILiveStatsAPIRequest>
```

#### Response:

```
<?xml version="2.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getOnlineVisitListResponse
requestToken="89519d510e1bf5f8194dbcad865283f2">
  <visitCollection visitCount="2">
    <visit>
      <visitID>32475</visitID>
      <dateTimeOfVisit>2009-06-23 09:41:43</dateTimeOfVisit>
      <durationOfVisit>Still Online</durationOfVisit>
      <pageViews>1</pageViews>
      <eventsTriggered>0</eventsTriggered>
      <PPCVisit>No</PPCVisit>
      <organizationName>FDN.com </organizationName>
      <address1>2301 Lucien Way</address1>
      <address2>Suite 200</address2>
      <city>Maitland</city>
      <stateProvince>FL</stateProvince>
      <postalZipCode>32751</postalZipCode>
      <country>United States</country>
      <referringURL />
      <searchEngine />
      <keywords />
      <entryPage>/</entryPage>
      <exitPage>/</exitPage>
      <IPAddress>70.46.40.242</IPAddress>
      <userAgent>Mozilla/4.0 (compatible; MSIE 7.0; Windows NT
5.1; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR
3.5.30729)</userAgent>
      <browser>IE 7.0</browser>
      <operatingSystem>WinXP</operatingSystem>
      <userData1 />
      <userData2 />
      <userData3 />
      <userData4 />
      <userData5 />
    </visit>
    <visit>
      <visitID>32474</visitID>
      <dateTimeOfVisit>2009-06-23 09:40:35</dateTimeOfVisit>
```

```
        <durationOfVisit>Still Online</durationOfVisit>
        <pageViews>2</pageViews>
        <eventsTriggered>1</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>Internet Assigned Numbers Authority
</organizationName>
        <address1>4676 Admiralty Way, Suite 330</address1>
        <address2 />
        <city>Marina del Rey</city>
        <stateProvince>CA</stateProvince>
        <postalZipCode>90292-6695</postalZipCode>
        <country>United States</country>
        <referringURL />
        <searchEngine />
        <keywords />
        <entryPage>/</entryPage>
        <exitPage>/data_integrity.php</exitPage>
        <IPAddress>192.168.1.30</IPAddress>
        <userAgent>Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US;
rv:1.9.0.11) Gecko/2009060215 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
        <operatingSystem>WinXP</operatingSystem>
        <userData1 />
        <userData2 />
        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
</visitCollection>
</getOnlineVisitListResponse>
</MVI LiveStatsAPIResponse>
```

## getVisitDetails

This method is used to return the specific details for a given visit specified by a `visitID` that is passed.

### Input:

Input Name	Description
siteID	The identifier of the site that the visit requested is coming from. Passed as an attribute.
visitID	The identifier of the visit being requested

Usage Violation Timeout Period: 1 second

### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="d2376161c6447ab69d3dc9f11e79246d">
  <getVisitDetails siteID="1">
    <visitID>32475</visitID>
  </getVisitDetails>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getVisitDetailsResponse
requestToken="55420c18d82a7474fd95c01b60d9f23d">
    <dateTimeOfVisit>2009-06-23 09:41:43</dateTimeOfVisit>
    <durationOfVisit>Bounce</durationOfVisit>
    <pageViews>1</pageViews>
    <eventsTriggered>0</eventsTriggered>
    <PPCVisit>No</PPCVisit>
    <organizationName>FDN.com </organizationName>
    <address1>2301 Lucien Way</address1>
    <address2>Suite 200</address2>
    <city>Maitland</city>
    <stateProvince>FL</stateProvince>
    <postalZipCode>32751</postalZipCode>
    <country>United States</country>
    <referringURL></referringURL>
    <searchEngine></searchEngine>
    <keywords></keywords>
    <entryPage></entryPage>
    <exitPage></exitPage>
    <IPAddress>70.46.40.242</IPAddress>
    <userAgent>Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.1; .NET
CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR
3.5.30729)</userAgent>
    <browser>IE 7.0</browser>
    <operatingSystem>WinXP</operatingSystem>
    <userData1 />
    <userData2 />
    <userData3 />
    <userData4 />
    <userData5 />
```

```
<pageViewCollection pageViewCount="1">
  <pageView>
    <dateTime>2009-06-23 09:41:43</dateTime>
    <timeOnPage>Exit Page</timeOnPage>
    <page>/</page>
  </pageView>
</pageViewCollection>
<eventTriggeredCollection eventTriggeredCount="0" />
</getVisitDetailsResponse>
</MVILiveStatsAPIResponse>
```

## getTopKeywords

This method is used to return the top keywords for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopKeywords siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <limit>2</limit>
  </getTopKeywords>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopKeywordsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <keywordCollection keywordCount="2">
      <keyword>
        <keyword>keyword1</keyword>
        <visits>100</visits>

      <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </keyword>
      <keyword>
        <keyword>keyword2</keyword>
        <visits>90</visits>

      <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </keyword>
    </keywordCollection>
  </getTopKeywordsResponse>
</MVILiveStatsAPIResponse>
```

## getTopKeywordChart

This method is used to return the URL to an image of the top keywords for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopKeywordChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
  </getTopKeywordChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopKeywordChartResponse>
    requestToken="123c68a0a1d6548a4e2810c92614c12c">
      <chartURL>https://api.mvilivestats.com/charts/1/654c68a0a1d6548a4e2810c92614c12c.png</chartURL>
    </getTopKeywordChartResponse>
  </MVILiveStatsAPIResponse>
```

## getTopEntryPages

This method is used to return the top entry pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

Usage Violation Timeout Period: 900 pages

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopEntryPages siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <limit>2</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopEntryPages>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopEntryPagesResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <entryPageCollection entryPageCount="2">
      <entryPage>
        <entryPage>/index.htm</entryPage>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </entryPage>
      <entryPage>
        <entryPage>/contactus.htm</entryPage>
        <visits>90</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </entryPage >
    </entryPageCollection>
  </getTopEntryPagesResponse>
</MVILiveStatsAPIResponse>
```

## getTopEntryPageChart

This method is used to return the URL to an image of the top entry pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopEntryPageChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopEntryPageChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopEntryPageChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">

    <chartURL>https://api.mvilivestats.com/charts/1/654c68a0a1d34548a4e281
0c92614c12c.png</chartURL>
  </getTopEntryPageChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopExitPages

This method is used to return the top exit pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopExitPages siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <limit>2</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopExitPages>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopExitPagesResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <exitPageCollection exitPageCount="2">
      <exitPage>
        <exitPage>/aboutus.htm</exitPage>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </exitPage>
      <exitPage>
        <exitPage>/index.htm</exitPage>
        <visits>90</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </ exitPage >
    </exitPageCollection>
  </getTopExitPagesResponse>
</MVILiveStatsAPIResponse>
```

## getTopExitPageChart

This method is used to return the URL to an image of the top exit pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopExitPageChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopExitPageChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopExitPageChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a0afdfd1d34548a4
e2810c92614c12c.png</chartURL>
  </getTopExitPageChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopTrails

This method is used to return the top bounced pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
<b>startDateTime</b>	The start date and time of the data that is being requested
<b>endDateTime</b>	The end date and time of the data that is being requested
<b>limit</b>	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
<b>showQueryStrings</b>	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopTrails siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <limit>20</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopTrails>
</MVILiveStatsAPIRequest>
```

### Response:

```

<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopTrailsResponse requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <trailCollection trailCount="20">
      <trail>
        <trailPageCollection trailPageViewCount="5">
          <trailPage>/trailpage1.htm</trailPage>
          <trailPage>/trailpage2.htm</trailPage>
          [TRAIL PAGES CONTINUE ON HERE UNTIL 5]
        </trailPageCollection>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </trail>
      <trail>
        <trailPageCollection trailPageViewCount="5">
          <trailPage>/trailpage11.htm</trailPage>
          <trailPage>/trailpage12.htm</trailPage>
          [TRAIL PAGES CONTINUE ON HERE UNTIL 5]
        </trailPageCollection>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </trail>
      [TRAILS CONTINUE ON HERE UNTIL 20]
    </trailCollection>
  </getTopTrailsResponse>
</MVILiveStatsAPIResponse>

```

The notations listed within the total collection indicates that the data will continue until it reaches the level identified in the `trailCount` and `trailPageViewCount` attribute.

## getTopTrailsChart

This method is used to return the URL to an image of the top trails pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopTrailsChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopTrailsChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopTrailsChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a0afdfd1ddf4548a
4e2810c92614c12c.png</chartURL>
  </getTopTrailsChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopBouncedPages

This method is used to return the top bounced pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
<code>startDateTime</code>	The start date and time of the data that is being requested
<code>endDateTime</code>	The end date and time of the data that is being requested
<code>limit</code>	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
<code>showQueryStrings</code>	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopBouncedPages siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <limit>2</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopBouncedPages>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopBouncedPagesResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
  <bouncedPageCollection bouncedPageCount="2">
    <bouncedPage>
      <bouncedPage>/bouncedpage1.html</bouncedPage>
      <bounces>100</bounces>
      <entries>1000</entries>
      <bounceRate>10%</bounceRate>

    <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
    </bouncedPage>
    <bouncedPage>
      <bouncedPage>/bouncedpage2.html</bouncedPage>
      <bounces>50</bounces>
      <entries>1000</entries>
      <bounceRate>5%</bounceRate>

    <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
    </bouncedPage>
  </bouncedPageCollection>
</getTopBouncedPagesResponse>
</MVILiveStatsAPIResponse>
```

## getTopBouncedPageChart

This method is used to return the URL to an image of the top exit pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopBouncedPageChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopBouncedPageChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopBouncedPageChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a0afdfd1ddf4548a
4e2810c92614c12c.png</chartURL>
  </getTopBouncedPageChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopReferringURLs

This method is used to return the top referring URLs for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopReferringURLs siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <limit>2</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopReferringURLs>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopReferringURLsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <referringURLCollection referringURLCount="2">
      <referringURL>
        <referringURL>google.com</referringURL>
        <visits>100</visits>
      </referringURL>
      <referringURL>
        <referringURL>mvispy.com/links.htm</referringURL>
        <visits>90</visits>
      </referringURL>
    </referringURLCollection>
  </getTopReferringURLsResponse>
</MVILiveStatsAPIResponse>
```

## getTopReferringURLChart

This method is used to return the URL to an image of the top referring URLs for a given date/time range as specified by the input parameters.

### Usage Violation Timeout Period: 900 seconds

#### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

#### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopReferringURLChart siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopReferringURLChart>
</MVILiveStatsAPIRequest>
```

#### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopReferringURLChartResponse
    requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a013sfd1d34548a4
e2810c92614c12c.png</chartURL>
  </getTopReferringURLChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopSearchEngines

This method is used to return the top search engines for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopSearchEngines siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <limit>2</limit>
  </getTopSearchEngines>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopSearchEnginesResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <searchEngineCollection searchEngineCount="2">
      <searchEngine>
        <searchEngine>Google</searchEngine>
        <visits>100</visits>

      <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </searchEngine>
      <searchEngine>
        <searchEngine>Bing</searchEngine>
        <visits>90</visits>

      <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </ searchEngine>
    </searchEngineCollection>
  </getTopSearchEnginesResponse>
</MVILiveStatsAPIResponse>
```

## getTopSearchEngineChart

This method is used to return the URL to an image of the top search engines for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopSearchEngineChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
  </getTopSearchEngineChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopSearchEngineChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a013s125454548a4
e2810c92614c12c.png</chartURL>
  </getTopSearchEngineChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopCountries

This method is used to return the top countries for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopCountries siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <limit>2</limit>
  </getTopCountries>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopCountriesResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <countryCollection countryCount="2">
      <country>
        <country>USA</searchEngine>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </country>
      <country>
        <country>Canada</country>
        <visits>90</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </country>
    </countryCollection>
  </getTopCountriesResponse>
</MVILiveStatsAPIResponse>
```

## getTopCountryChart

This method is used to return the URL to an image of the top countries for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopCountryChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
  </getTopCountryChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopCountryChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c683313s125454548a4
e2810c92614c12c.png</chartURL>
  </getTopCountryChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopBrowsers

This method is used to return the top browsers for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopBrowsers siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <limit>2</limit>
  </getTopBrowsers>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopBrowsersResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <browserCollection browserCount="2">
      <browser>
        <browser>IE 8</searchEngine>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </browser>
      <browser>
        <browser>Canada</browser>
        <visits>90</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </ browser>
    </ browserCollection>
  </getTopBrowsersResponse>
</MVILiveStatsAPIResponse>
```

## getTopBrowserChart

This method is used to return the URL to an image of the top browsers for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopBrowserChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
  </getTopBrowserChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopBrowserChartResponse>
    requestToken="123c68a0a1d6548a4e2810c92614c12c">
      <chartURL>https://api.mvilivestats.com/charts/1/654c683313s125454548a4
e2810c92614c12c.png</chartURL>
    </getTopBrowserChartResponse>
  </MVILiveStatsAPIResponse>
```

## getTopOperatingSystems

This method is used to return the top operating systems for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startTime	The start date and time of the data that is being requested
endTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopOperatingSystems siteID="1">
    <startTime>2009-06-01 00:00:00</startTime>
    <endTime>2009-06-30 23:59:59</endTime>
    <limit>2</limit>
  </getTopOperatingSystems>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopOperatingSystemsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <operatingSystemCollection operatingSystemCount="2">
      <operatingSystem>
        <browser>Win XP</searchEngine>
        <visits>100</visits>

      <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </operatingSystem>
      <operatingSystem>
        <operatingSystem >Mac OS X</operatingSystem>
        <visits>90</visits>

      <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </operatingSystem>
    </operatingSystemCollection>
  </getTopOperatingSystemsResponse>
</MVILiveStatsAPIResponse>
```

## getTopOperatingSystemChart

This method is used to return the URL to an image of the top operating systems for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopOperatingSystemChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
  </getTopOperatingSystem>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopOperatingSystemResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c683313s12545454mdf
jmasdos0c92614c12c.png</chartURL>
  </getTopOperatingSystemResponse>
</MVILiveStatsAPIResponse>
```

## getTopPPCEntryPages

This method is used to return the top pay-per-click entry pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

Usage Violation Timeout Period: 900 pages

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopPPCEntryPages siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <limit>2</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopPPCEntryPages>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopPPCEntryPagesResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <entryPageCollection entryPageCount="2">
      <entryPage>
        <entryPage>/indedx.htm</entryPage>
        <visits>100</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </entryPage>
      <entryPage>
        <entryPage>/contactus.htm</entryPage>
        <visits>90</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </entryPage>
    </entryPageCollection>
  </getTopPPCEntryPagesResponse>
</MVILiveStatsAPIResponse>
```

## getTopPPCEntryPageChart

This method is used to return the URL to an image of the top pay-per-click entry pages for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopPPCEntryPageChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopPPCEntryPageChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopPPCEntryPageChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a0a1d34548a4e281
0c92614c12c.png</chartURL>
  </getTopPPCEntryPageChartResponse>
</MVILiveStatsAPIResponse>
```

## getTopPagesViewed

This method is used to return the top pages viewed for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
limit	The number of results that are being requested. If omitted, all data for the period will be returned up to the collection size limit.
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

### Usage Violation Timeout Period: 900 pages

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopPagesViewed siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <limit>2</limit>
    <showQueryStrings>False</showQueryStrings>
  </getTopPagesViewed>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopPagesViewedResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <pageCollection pageCount="2">
      <page>
        <page>/index.htm</page>
        <views>100</views>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </page>
      <page>
        <page>/contactus.htm</page>
        <views>90</views>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </page>
    </pageCollection>
  </getTopPagesViewedResponse>
</MVILiveStatsAPIResponse>
```

## getTopPagesViewedChart

This method is used to return the URL to an image of the top pages viewed for a given date/time range as specified by the input parameters.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
showQueryStrings	Accepts True or False. If set to True, the resulting URLs will include any query strings as captured by MVI Live Stats. If omitted assumed False.

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getTopPagesViewedChart siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <showQueryStrings>False</showQueryStrings>
  </getTopPagesViewedChart>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getTopPagesViewedChartResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <chartURL>https://api.mvilivestats.com/charts/1/654c68a0a1d34548a4e281
0c92614c12c.png</chartURL>
  </getTopPagesViewedChartResponse>
</MVILiveStatsAPIResponse>
```

## getAllVisitTotals

This method is used to return the totals for all visits for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getAllVisitTotals siteID="1">
    <format>Monthly</format>
  </getAllVisitTotals>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getAllVisitTotalsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <totalCollection totalCount="30">
      <total>
        <periodStart>2009-06-01 00:00:00</periodStart>
        <periodEnd>2009-06-30 23:59:59</periodEnd>
        <visits>1000</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      <total>
        <periodStart>2009-05-01 00:00:00</periodStart>
        <periodEnd>2009-05-31 23:59:59</periodEnd>
        <visits>1200</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      [TOTALS CONTINUE ON HERE UNTIL 30]
    </totalCollection>
  </getAllVisitTotalsResponse>
</MVILiveStatsAPIResponse>
```

The notation listed within the total collection indicates that the data will continue until it reaches the level identified in the `totalCount` attribute.

## getAllVisitTotalsGraph

This method is used to return the URL to an image of all visits for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

**Usage Violation Timeout Period: 900**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getAllVisitTotalsGraphsiteID="1">
    <format>Monthly</format>
  </getAllVisitTotalsGraph>
</MVILiveStatsAPIRequest>
```

### Response:

```
<MVILiveStatsAPIResponse>
  <getAllVisitTotalsGraphResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">

    <graphURL>https://api.mvilivestats.com/charts/1/654c68a0a1d6548a4e2810
c92614c12c.png</graphURL>
  </getAllVisitTotalsGraphResponse>
</MVILiveStatsAPIResponse>
```

## getUniqueVisitTotals

This method is used to return the totals for unique visits for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getUniqueVisitTotals siteID="1">
    <format>Monthly</format>
  </getUniqueVisitTotals>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getUniqueVisitTotalsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <totalCollection totalCount="30">
      <total>
        <periodStart>2009-06-01 00:00:00</periodStart>
        <periodEnd>2009-06-30 23:59:59</periodEnd>
        <visits>1000</visits>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      <total>
        <periodStart>2009-05-01 00:00:00</periodStart>
        <periodEnd>2009-05-31 23:59:59</periodEnd>
        <visits>1200</visits>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      [TOTALS CONTINUE ON HERE UNTIL 30]
    </totalCollection>
  </getUniqueVisitTotalsResponse>
</MVILiveStatsAPIResponse>
```

The **notation** listed within the total collection indicates that the data will continue until it reaches the level identified in the **totalCount** attribute.

## getUniqueVisitTotalsGraph

This method is used to return the URL to an image of unique visits for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getUniqueVisitTotalsGraphsiteID="1">
    <format>Monthly</format>
  </getUniqueVisitTotalsGraph>
</MVILiveStatsAPIRequest>
```

### Response:

```
<MVILiveStatsAPIResponse>
  <getUniqueVisitTotalsGraphResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">

    <graphURL>https://api.mvilivestats.com/charts/1/654c681412s5d748a4e281
0c92614c12c.png</graphURL>
  </getUniqueVisitTotalsGraphResponse>
</MVILiveStatsAPIResponse>
```

## getBouncedVisitTotals

This method is used to return the totals for bounced visits for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getBouncedVisitTotals siteID="1">
    <format>Monthly</format>
  </getBouncedVisitTotals>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getBouncedVisitTotalsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <totalCollection totalCount="30">
      <total>
        <periodStart>2009-06-01 00:00:00</periodStart>
        <periodEnd>2009-06-30 23:59:59</periodEnd>
        <bounces>500</bounces>
        <visits>1000</visits>
        <bounceRate>50%</bounceRate>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      <total>
        <periodStart>2009-05-01 00:00:00</periodStart>
        <periodEnd>2009-05-31 23:59:59</periodEnd>
        <bounces>250</bounces>
        <visits>1000</visits>
        <bounceRate>25%</bounceRate>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      [TOTALS CONTINUE ON HERE UNTIL 30]
    </totalCollection>
  </getBouncedVisitTotalsResponse>
</MVILiveStatsAPIResponse>
```

The **notation** listed within the total collection indicates that the data will continue until it reaches the level identified in the **totalCount** attribute.

## getBouncedVisitTotalsGraph

This method is used to return the URL to an image of bounced visits for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

**Usage Violation Timeout Period: 900 seconds**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getBouncedVisitTotalsGraphsiteID="1">
    <format>Monthly</format>
  </getBouncedVisitTotalsGraph>
</MVILiveStatsAPIRequest>
```

### Response:

```
<MVILiveStatsAPIResponse>
  <getBouncedVisitTotalsGraphResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">

    <graphURL>https://api.mvilivestats.com/charts/1/654c681412s5d748a4e281
0c92614c12c.png</graphURL>
  </getBouncedVisitTotalsGraphResponse>
</MVILiveStatsAPIResponse>
```

## getPageViewTotals

This method is used to return the totals for pages viewed for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getPageViewTotals siteID="1">
    <format>Monthly</format>
  </getPageViewTotals>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getPageViewTotalsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <totalCollection totalCount="30">
      <total>
        <periodStart>2009-06-01 00:00:00</periodStart>
        <periodEnd>2009-06-30 23:59:59</periodEnd>
        <pageViews>10000</pageViews>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      <total>
        <periodStart>2009-05-01 00:00:00</periodStart>
        <periodEnd>2009-05-31 23:59:59</periodEnd>
        <pageViews>8000</pageViews>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      [TOTALS CONTINUE ON HERE UNTIL 30]
    </totalCollection>
  </getPageViewTotalsResponse>
</MVILiveStatsAPIResponse>
```

The **notation** listed within the total collection indicates that the data will continue until it reaches the level identified in the **totalCount** attribute.

## getPageViewTotalsGraph

This method is used to return the URL to an image of page views for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getPageViewTotalsGraph siteID="1">
    <format>Monthly</format>
  </getPageViewTotalsGraph>
</MVILiveStatsAPIRequest>
```

### Response:

```
<MVILiveStatsAPIResponse>
  <getPageViewTotalsGraphResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">

    <graphURL>https://api.mvilivestats.com/charts/1/654c681412s5d748a4e281
0c92614c12c.png</graphURL>
  </getPageViewTotalsGraphResponse>
</MVILiveStatsAPIResponse>
```

## getEventsTriggeredTotals

This method is used to return the totals for events triggered for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>
eventTriggerID	The identifier of the event trigger (as retrieved from <b>getEventTriggerList</b> method). If this is omitted, all event triggers will be counted together.

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getEventsTriggeredTotals siteID="1">
    <format>Monthly</format>
    <eventTriggerID>10</eventTriggerID>
  </getEventsTriggeredTotals>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getEventsTriggeredTotalsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <totalCollection totalCount="30">
      <total>
        <periodStart>2009-06-01 00:00:00</periodStart>
        <periodEnd>2009-06-30 23:59:59</periodEnd>
        <eventsTriggered>100</eventsTriggered>
        <visits>10000</visits>
        <eventTriggerRate>1%</eventTriggerRate>

        <searchToken>456c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      <total>
        <periodStart>2009-05-01 00:00:00</periodStart>
        <periodEnd>2009-05-31 23:59:59</periodEnd>
        <eventsTriggered>500</eventsTriggered>
        <visits>10000</visits>
        <eventTriggerRate>5%</eventTriggerRate>

        <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
      </total>
      [TOTALS CONTINUE ON HERE UNTIL 30]
    </totalCollection>
  </getEventsTriggeredTotalsResponse>
</MVILiveStatsAPIResponse>
```

The **notation** listed within the total collection indicates that the data will continue until it reaches the level identified in the **totalCount** attribute.

## getEventsTriggeredTotalsGraph

This method is used to return the URL to an image of event triggers for a given range as specified by the input parameters.

### Input:

Input Name	Description
format	Accepts either <b>Monthly</b> or <b>Weekly</b>

Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getEventTriggerTotalsGraph siteID="1">
    <format>Monthly</format>
  </getEventTriggerTotalsGraph>
</MVILiveStatsAPIRequest>
```

### Response:

```
<MVILiveStatsAPIResponse>
  <getEventTriggerTotalsGraphResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">

    <graphURL>https://api.mvilivestats.com/charts/1/654c681412s5d748a4e281
0c92614c12c.png</graphURL>
  </getEventTriggerTotalsGraphResponse>
</MVILiveStatsAPIResponse>
```

## getEventTriggerList

This method is used to return a list the list of events for the associated site.

Note: This method requires no input data and therefore can include a self-closing element.

### Usage Violation Timeout Period: 1 second

#### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getEventTriggerList siteID="1" />
</MVILiveStatsAPIRequest>
```

#### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getEventTriggerListResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <eventTriggerCollection eventTriggerCount="5">
      <eventTrigger>
        <eventTriggerID>1</eventTriggerID>
        <name>Page View Event Trigger</name>
        <type>Page View</type>
      </eventTrigger>
      <eventTrigger>
        <eventTriggerID>2</eventTriggerID>
        <name>Criteria Match Event Trigger</name>
        <type>Criteria Match</type>
      </eventTrigger>
      [EVENT TRIGGERS CONTINUE ON HERE UNTIL 5]
    </eventTriggerCollection>
  </getEventTriggerListResponse>
</MVILiveStatsAPIResponse>
```

The notation listed within the total collection indicates that the data will continue until it reaches the level identified in the eventTriggerCount attribute.

## getEventTriggerDetails

This method is used to return the details for a specific events trigger as specified by the input parameters.

### Input:

Input Name	Description
eventTriggerID	The identifier of the event trigger.

### Usage Violation Timeout Period: 1 second

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getEventTriggerDetails siteID="1">
    <eventTriggerID>1</eventTriggerID>
  </getEventTriggerDetails>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getEventTriggerDetailsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <name>Page View Event Trigger</name>
    <type>Page View</type>
    <criteria>Organization Name</criteria>
    <criteriaPattern>Blue%</criteriaPattern>
    <totalPageViews>10</totalPageViews>
    <visitDuration>05:30</visitDuration>
    <notificationEmailCollection notificationEmailCount="1">
      <notificationEmail>patrick@mvisolutions.com</notificationEmail>
    </notificationEmailCollection>
    <callbackURL>https://www.mysite.com/event_trigger_process.php</callBac
kURL>
    <mviSLMInsert>False</mviSLMInsert>
  </getEventTriggerDetailsResponse>
</MVILiveStatsAPIResponse>
```

The following table details additional information about certain elements within the response:

## createEventTrigger

This method is used create an event trigger with the input variables specified.

### Input:

Input Name	Description
<b>name</b>	The name of the event trigger
<b>type</b>	The type of the event trigger. CAN BE ANY OF: Page View, Criteria Match, Total Page Views, Visit Duration
<b>criteria</b>	ONLY REQUIRED FOR "Criteria Match" TYPE - CAN BE ANY OF: Organization Name, Address 1, Address 2, City, State/Province, Postal/Zip Code, Referring URL, Search Engine, Keywords, Entry Page, Exit Page, IP Address, User Agent, Browser, Operating System
<b>criteriaPattern</b>	ONLY REQUIRED FOR "Criteria Match" TYPE
<b>totalPageViews</b>	ONLY REQUIRED FOR "Total Page Views" TYPE. Accepts numeric value.
<b>visitDuration</b>	ONLY REQUIRED FOR "Visit Duration" TYPE. Accepts only seconds (5 minutes = 300 seconds)
<b>notificationEmailCollection</b>	Accepts a collection of email addresses to be notified. If omitted, no emails will be generated
<b>callbackURL</b>	Accepts a URL. If omitted, not attempts will be made to post data to a URL
<b>mviSLMInsert</b>	Accepts "True" or "False." If omitted, "False" is assumed.

**Usage Violation Timeout Period: 1 second**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <createEventTrigger siteID="1">
    <name>My New Event Trigger</name>
    <type>Page View</type>
    <criteria>Organization Name</criteria>
    <criteriaPattern>Blue%</criteriaPattern>
    <totalPageViews>10</totalPageViews>
    <visitDuration>300</visitDuration>
    <notificationEmailCollection notificationEmailCount="1">
      <notificationEmail>patrick@mvisolutions.com</notificationEmail>
    </notificationEmailCollection>

    <callbackURL>https://www.mysite.com/event_trigger_process.php</callBac
kURL>
    <mviSLMInsert>False</mviSLMInsert>
  </createEventTrigger>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <createEventTriggerResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <result>Successful</result>
    <eventTriggerID>1</eventTriggerID>
  </createEventTriggerResponse>
```

## updateEventTrigger

This method is used update an existing event trigger with the input variables specified.

Note: All nodes are optional with the exception of **eventTriggerID**. If type is provided, however, the fields associated with that type are required.

### Input:

Input Name	Description
<b>eventTriggerID</b>	Identifier of the event trigger
<b>name</b>	The name of the event trigger
<b>type</b>	The type of the event trigger. CAN BE ANY OF: Page View, Criteria Match, Total Page Views, Visit Duration
<b>criteria</b>	ONLY REQUIRED FOR "Criteria Match" TYPE - CAN BE ANY OF: Organization Name, Address 1, Address 2, City, State/Province, Postal/Zip Code, Referring URL, Search Engine, Keywords, Entry Page, Exit Page, IP Address, User Agent, Browser, Operating System
<b>criteriaPattern</b>	ONLY REQUIRED FOR "Criteria Match" TYPE
<b>totalPageViews</b>	ONLY REQUIRED FOR "Total Page Views" TYPE. Accepts numeric value.
<b>visitDuration</b>	ONLY REQUIRED FOR "Visit Duration" TYPE. Accepts minutes and seconds in MM:SS format
<b>notifcationEmailCollection</b>	Accepts a collection of email addresses to be notified. If omitted, no emails will be generated
<b>callBackURL</b>	Accepts a URL. If omitted, not attempts will be made to post data to a URL
<b>mviSLMInsert</b>	Accepts "True" or "False." If omitted, "False" is assumed.

Usage Violation Timeout Period: 1 second

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <updateEventTrigger siteID="1">
    <eventTriggerID>5</eventTriggerID>
    <name>My New Event Trigger</name>
    <type>Page View</type>
    <criteria>Organization Name</criteria>
    <criteriaPattern>Blue%</criteriaPattern>
    <totalPageViews>10</totalPageViews>
    <visitDuration>05:30</visitDuration>
    <notificationEmailCollection notificationEmailCount="1">
    <notificationEmail>patrick@mvisolutions.com</notificationEmail>
    </notificationEmailCollection>

    <callBackURL>https://www.mysite.com/event_trigger_process.php</callBac
kURL>
    <mviSLMInsert>False</mviSLMInsert>
  </updateEventTrigger>
</MVILiveStatsAPIRequest>
```

**Response:**

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <updateEventTriggerResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <result>Successful</result>
  </updateEventTriggerResponse>
</MVILiveStatsAPIResponse>
```

## removeEventTrigger

This method is used to remove an existing event trigger based on the input variables specified.

### Input:

Input Name	Description
eventTriggerID	Identifier of the event trigger

**Usage Violation Timeout Period: 1 second**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <removeEventTrigger siteID="1">
    <eventTriggerID>5</eventTriggerID>
  </removeEventTrigger>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <removeEventTriggerResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <result>Successful</result>
  </removeEventTriggerResponse>
</MVILiveStatsAPIResponse>
```

## getSiteHostList

This method is used to return a list the list of site hosts for the associated site.

Note: This method requires no input data and therefore can include a self-closing element.

### Usage Violation Timeout Period: 1 second

#### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getSiteHostList siteID="1" />
</MVILiveStatsAPIRequest>
```

#### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getSiteHostListResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <siteHostCollection siteHostCount="2">
      <siteHost>
        <siteHostID>1</siteHostID>
        <siteHost>www.mysite.com</siteHost>
        <primary>True</primary> [CAN BE "True" or "False"]
      </siteHost>
      <siteHost>
        <siteHostID>2</siteHostID>
        <siteHost>mysite.com</siteHost>
        <primary>False</primary>
      </siteHost>
    </siteHostCollection>
  </getSiteHostListResponse>
</MVILiveStatsAPIResponse>
```

## createSiteHost

This method is used to create a new site host for a given site.

### Input:

Input Name	Description
siteHost	The site host being added
primary	Accepts "True" or "False." If set to True it will make this new site host the primary site host.

Usage Violation Timeout Period: 1 second

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <createSiteHost siteID="1">
    <siteHost>www.mynewsitehost.com</siteHost>
    <primary>False</primary>
  </createSiteHost>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <createSiteHostResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <result>Successful</result>
    <siteHostID>1</siteHostID>
  </createSiteHostResponse>
</MVILiveStatsAPIResponse>
```

## setPrimarySiteHost

This method is used to set the primary site host for a given site based on the input variable.

### Input:

Input Name	Description
siteHostID	The site host being added

**Usage Violation Timeout Period: 1 second**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <setPrimarySiteHost siteID="1">
    <siteHostID>1</siteHostID>
  </setPrimarySiteHost>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <setPrimarySiteHostResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <result>Successful</result>
  </setPrimarySiteHostResponse>
</MVILiveStatsAPIResponse>
```

## removeSiteHost

This method is used to remove a site host for a given site based on the input variable.

### Input:

Input Name	Description
siteHostID	The site host being removed. Cannot receive the primary site host otherwise an error will be generated.

**Usage Violation Timeout Period: 1 second**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <removeSiteHost siteID="1">
    <siteHostID>1</siteHostID>
  </removeSiteHost>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <removeSiteHostResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <result>Successful</result>
  </removeSiteHostResponse>
</MVILiveStatsAPIResponse>
```

## getLiveChatSessionList

This method is used to return a list of the live chat sessions that occurred during the date/times that are passed as input variables.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested

### Usage Violation Timeout Period: 900 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getLiveChatSessionList siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
  </getLiveChatSessionList>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getLiveChatSessionListResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <liveChatSessionCollection liveChatSessionCount="10">
      <liveChatSession>
        <liveChatSessionID>9</liveChatSessionID>
        <visitID>1234</visitID>
        <dateTime>2009-06-10 00:10:00</dateTime>
      </liveChatSession>
      <liveChatSession>
        <liveChatSessionID>10</liveChatSessionID>
        <visitID>5678</visitID>
        <dateTime>2009-06-12 10:10:00</dateTime>
      </liveChatSession>
      [LIVE CHAT SESSIONS CONTINUE ON HERE UNTIL 10]
    </liveChatSessionCollection>
  </getLiveChatSessionListResponse>
</MVILiveStatsAPIResponse>
```

The notation listed within the live chat collection indicates that the data will continue until it reaches the level identified in the `liveChatSessionCount` attribute.

## getLiveChatSessionDetails

This method is used to return the details of a live chat session based on the input variables specified.

### Input:

Input Name	Description
liveChatSessionID	The identifier of the live chat session being requested.

### Usage Violation Timeout Period: 1 second

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getLiveChatSessionDetails siteID="1">
    <liveChatSessionID>20</liveChatSessionID>
  </getLiveChatSessionDetails>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getLiveChatSessionDetailsResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <visitID>5678</visitID>
    <dateTime>2009-06-21 10:10:00</dateTime>
    <messageCollection messageCount="5">
      <message>
        <name>Operator</name>
        <message>Hello, how are you today?</message>
      </message>
      <message>
        <name>Customer</name>
        <message>I'm fine, thank you.</message>
      </message>
      [MESSAGES CONTINUE ON HERE UNTIL 5]
    </messageCollection>
  </getLiveChatSessionDetailsResponse>
</MVILiveStatsAPIResponse>
```

The **notation** listed within the message collection indicates that the data will continue until it reaches the level identified in the **messageCount** attribute.

## getCustomReportList

This method is used to return a list of custom reports.

Note: This method requires no input data and therefore can include a self-closing element.

### Usage Violation Timeout Period: 1 second

#### Request

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getCustomReportList siteID="1" />
</MVILiveStatsAPIRequest>
```

#### Response:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getCustomReportListResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <customReportCollection customReportCount="5">
      <customReport>
        <customReportID>1</customReportID>
        <name>Custom Report 1</name>
      </customReport>
      <customReport>
        <customReportID>2</customReportID>
        <name>Custom Report 2</name>
      </customReport>
      [CUSTOM REPORTS CONTINUE ON HERE UNTIL 5]
    </liveChatSessionCollection>
  </getCustomReportListResponse>
</MVILiveStatsAPIResponse>
```

The notation listed within the custom report collection indicates that the data will continue until it reaches the level identified in the `customReportCount` attribute.

## getCustomReportVisitList

This method is used to return a list of the visits associated with the customer report identified by the input variable being passed.

**Note:** All nodes besides "visitID" may or may not appear based on the settings of the custom report.

### Input:

Input Name	Description
customReportID	The identifier of the custom report being requested.

### Usage Violation Timeout Period: 3600 seconds

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getCustomReportVisitList siteID="1">
    <customReportID>2</customReportID>
  </getCustomReportVisitList>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="2.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getCustomReportVisitListResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <visitCollection visitCount="100">
      <visit>
        <visitID>32533</visitID>
        <dateTimeOfVisit>06/25/2009
09:09:28AM</dateTimeOfVisit>
        <durationOfVisit>Still Online</durationOfVisit>
        <pageViews>6</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL />
        <searchEngine />
        <keywords />
        <entryPage>/</entryPage>
        <exitPage>/index.php?logout_msg=Logged Out
Successfully</exitPage>
        <IPAddress>70.147.36.17</IPAddress>
        <userAgent>Mozilla/5.0 (Macintosh; U; Intel Mac OS X
10.5; en-US; rv:1.9.0.11) Gecko/2009060214 Firefox/3.0.11</userAgent>
```

```

    <browser>Firefox 3.0</browser>
    <operatingSystem>MacOSX</operatingSystem>
    <userData1 />
    <userData2 />
    <userData3 />
    <userData4 />
    <userData5 />
  </visit>
  <visit>
    <visitID>32532</visitID>
    <dateTimeOfVisit>06/25/2009
09:05:36AM</dateTimeOfVisit>
    <durationOfVisit>05:32</durationOfVisit>
    <pageViews>13</pageViews>
    <eventsTriggered>0</eventsTriggered>
    <PPCVisit>No</PPCVisit>
    <organizationName>BellSouth.net Inc.
</organizationName>
    <address1>575 Morosgo Drive</address1>
    <address2 />
    <city>Atlanta</city>
    <stateProvince>GA</stateProvince>
    <postalZipCode>30324</postalZipCode>
    <country>United States</country>
    <referringURL>http://webmail.att.net/wmc/en-
US/n/wm/14873098542234597?cmd=Show&uid=447335&folder=MVI%20Solutions&sid=c0&t
empl=readpane.html</referringURL>
    <searchEngine />
    <keywords />
    <entryPage>/about_us.php</entryPage>

    <exitPage>/manage_email.php?action=viewdomain&dom_id=673</exitPage>
    <IPAddress>74.173.87.198</IPAddress>
    <userAgent>Mozilla/5.0 (Windows; U; Windows NT 5.1;
en-US; rv:1.9.0.11) Gecko/2009060215 Firefox/3.0.11</userAgent>
    <browser>Firefox 3.0</browser>
    <operatingSystem>WinXP</operatingSystem>
    <userData1 />
    <userData2 />
    <userData3 />
    <userData4 />
    <userData5 />
  </visit>
  [VISITS CONTINUE ON HERE UNTIL 100]
</visitCollection>
</getCustomReportVisitListResponse>
</MVI LiveStatsAPIResponse>

```

The notation listed within the visit collection indicates that the data will continue until it reaches the level identified in the `visitCount` attribute.

## getVisitList

This method is used to return a list of the visits associated with the data/time range provided by the input variables being passed.

### Input:

Input Name	Description
startDateTime	The start date and time of the data that is being requested
endDateTime	The end date and time of the data that is being requested
searchToken	Optional parameter which refines visits returned based on the search tokens returned via other API responses

**Usage Violation Timeout Period: 3600**

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getVisitList siteID="1">
    <startDateTime>2009-06-01 00:00:00</startDateTime>
    <endDateTime>2009-06-30 23:59:59</endDateTime>
    <searchToken>789c68a0a1d6548a4e2810c92614c12c</searchToken>
  </getVisitList>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="2.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getVisitListResponse requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <visitCollection visitCount="100">
      <visit>
        <visitID>32533</visitID>
        <dateTimeOfVisit>06/25/2009
09:09:28AM</dateTimeOfVisit>
        <durationOfVisit>Still Online</durationOfVisit>
        <pageViews>6</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL />
        <searchEngine />
        <keywords />
        <entryPage>/</entryPage>
        <exitPage>/index.php?logout_msg=Logged Out
Successfully</exitPage>
```

```

        <IPAddress>70.147.36.17</IPAddress>
        <userAgent>Mozilla/5.0 (Macintosh; U; Intel Mac OS X
10.5; en-US; rv:1.9.0.11) Gecko/2009060214 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
        <operatingSystem>MacOSX</operatingSystem>
        <userData1 />
        <userData2 />
        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
    <visit>
        <visitID>32532</visitID>
        <dateTimeOfVisit>06/25/2009
09:05:36AM</dateTimeOfVisit>
        <durationOfVisit>05:32</durationOfVisit>
        <pageViews>13</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL>http://webmail.att.net/wmc/en-
US/n/wm/14873098542234597?cmd=Show&uid=447335&folder=MVI%20Solutions&sid=c0&t
empl=readpane.html</referringURL>
        <searchEngine />
        <keywords />
        <entryPage>/about_us.php</entryPage>

        <exitPage>/manage_email.php?action=viewdomain&dom_id=673</exitPage>
        <IPAddress>74.173.87.198</IPAddress>
        <userAgent>Mozilla/5.0 (Windows; U; Windows NT 5.1;
en-US; rv:1.9.0.11) Gecko/2009060215 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
        <operatingSystem>WinXP</operatingSystem>
        <userData1 />
        <userData2 />
        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
    [VISITS CONTINUE ON HERE UNTIL 100]
</visitCollection>
</getVisitListResponse>
</MVI LiveStatsAPIResponse>

```

## getHistoricalVisitList

This method is used to return a list of the visits associated with the visitID provided by the input variables being passed.

### Input:

Input Name	Description
visitID	The visitID to retrieve related visits for

### Usage Violation Timeout Period: 1

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getHistoricalVisitList siteID="1">
    <visitID>32533</visitID>
  </getHistoricalVisitList>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="2.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getHistoricalVisitListResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <visitCollection visitCount="10">
      <visit>
        <visitID>32533</visitID>
        <dateTimeOfVisit>06/25/2009
09:09:28AM</dateTimeOfVisit>
        <durationOfVisit>Still Online</durationOfVisit>
        <pageViews>6</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL />
        <searchEngine />
        <keywords />
        <entryPage>/</entryPage>
        <exitPage>/index.php?logout_msg=Logged Out
Successfully</exitPage>
        <IPAddress>70.147.36.17</IPAddress>
        <userAgent>Mozilla/5.0 (Macintosh; U; Intel Mac OS X
10.5; en-US; rv:1.9.0.11) Gecko/2009060214 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
        <operatingSystem>MacOSX</operatingSystem>
        <userData1 />
        <userData2 />
```

```

        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
    <visit>
        <visitID>32532</visitID>
        <dateTimeOfVisit>06/25/2009
09:05:36AM</dateTimeOfVisit>
        <durationOfVisit>05:32</durationOfVisit>
        <pageViews>13</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL>http://webmail.att.net/wmc/en-
US/n/wm/14873098542234597?cmd=Show&uid=447335&folder=MVI%20Solutions&sid=c0&t
empl=readpane.html</referringURL>
        <searchEngine />
        <keywords />
        <entryPage>/about_us.php</entryPage>

    <exitPage>/manage_email.php?action=viewdomain&dom_id=673</exitPage>
        <IPAddress>74.173.87.198</IPAddress>
        <userAgent>Mozilla/5.0 (Windows; U; Windows NT 5.1;
en-US; rv:1.9.0.11) Gecko/2009060215 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
        <operatingSystem>WinXP</operatingSystem>
        <userData1 />
        <userData2 />
        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
    [VISITS CONTINUE ON HERE UNTIL 10]
</visitCollection>
</getHistoricalVisitListResponse>
</MVILiveStatsAPIResponse>

```

## getHistoricalVisitListByUserData

This method is used to return a list of the visits associated with the user data provided by the input variables being passed.

### Input:

Input Name	Description
userDataField	The number of the user data field to use in query – can be 1 through 5
userDataValue	The value to be used in the query

Usage Violation Timeout Period: 1

### Request:

```
<?xml version="1.0" encoding="utf-8"?>
<MVILiveStatsAPIRequest authToken="343c68a0a1d6548a4e2810c92614c12c">
  <getHistoricalVisitListByUserData siteID="1">
    <userDataField>1</userDataField>
    <userDataValue>12345</userDataValue>
  </getHistoricalVisitListByUserData>
</MVILiveStatsAPIRequest>
```

### Response:

```
<?xml version="2.0" encoding="utf-8"?>
<MVILiveStatsAPIResponse>
  <getHistoricalVisitListByUserDataResponse
requestToken="123c68a0a1d6548a4e2810c92614c12c">
    <visitCollection visitCount="10">
      <visit>
        <visitID>32533</visitID>
        <dateTimeOfVisit>06/25/2009
09:09:28AM</dateTimeOfVisit>
        <durationOfVisit>Still Online</durationOfVisit>
        <pageViews>6</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL />
        <searchEngine />
        <keywords />
        <entryPage>/</entryPage>
        <exitPage>/index.php?logout_msg=Logged Out
Successfully</exitPage>
        <IPAddress>70.147.36.17</IPAddress>
        <userAgent>Mozilla/5.0 (Macintosh; U; Intel Mac OS X
10.5; en-US; rv:1.9.0.11) Gecko/2009060214 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
```

```

        <operatingSystem>MacOSX</operatingSystem>
        <userData1>12345</userData1>
        <userData2 />
        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
    <visit>
        <visitID>32532</visitID>
        <dateTimeOfVisit>06/25/2009
09:05:36AM</dateTimeOfVisit>
        <durationOfVisit>05:32</durationOfVisit>
        <pageViews>13</pageViews>
        <eventsTriggered>0</eventsTriggered>
        <PPCVisit>No</PPCVisit>
        <organizationName>BellSouth.net Inc.
</organizationName>
        <address1>575 Morosgo Drive</address1>
        <address2 />
        <city>Atlanta</city>
        <stateProvince>GA</stateProvince>
        <postalZipCode>30324</postalZipCode>
        <country>United States</country>
        <referringURL>http://webmail.att.net/wmc/en-
US/n/wm/14873098542234597?cmd=Show&uid=447335&folder=MVI%20Solutions&sid=c0&t
empl=readpane.html</referringURL>
        <searchEngine />
        <keywords />
        <entryPage>/about_us.php</entryPage>

        <exitPage>/manage_email.php?action=viewdomain&dom_id=673</exitPage>
        <IPAddress>74.173.87.198</IPAddress>
        <userAgent>Mozilla/5.0 (Windows; U; Windows NT 5.1;
en-US; rv:1.9.0.11) Gecko/2009060215 Firefox/3.0.11</userAgent>
        <browser>Firefox 3.0</browser>
        <operatingSystem>WinXP</operatingSystem>
        <userData1>12345</userData1>
        <userData2 />
        <userData3 />
        <userData4 />
        <userData5 />
    </visit>
    [VISITS CONTINUE ON HERE UNTIL 10]
</visitCollection>
</getHistoricalVisitListByUserDataResponse>
</MVILiveStatsAPIResponse>

```

## Error Codes

The following is a list of possible error codes that are returned via **MVILiveStatsAPIError** responses:

Error Code	Description
1	Invalid XML Format
2	Invalid API Request Method – [INVALID METHOD]
3	Missing Required Element(s) – [MISSING ELEMENTS]
4	Invalid Login Or Password
5	Invalid Authentication Token – [INVALID TOKEN]
6	Requested Site Cannot Be Found – [SITE ID, NAME OR PRIMARY SITE HOST]
7	Invalid Site ID Attribute – [INVALID SITE ID]
8	Submitted Request Still Within Usage Violation Period
9	Missing Required Attribute – [MISSING ATTRIBUTES]
10	Requested Visit Cannot Be Found – [VISIT ID]
11	Invalid Date/Time Element(s) – [INVALID DATE/TIME ELEMENTS]
12	Invalid Integer Element(s) – [INVALID INTEGER ELEMENTS]
13	Invalid Element Value(s) – [INVALID ELEMENTS]
14	Invalid Request Element(s) – [INVALID ELEMENTS]
15	Invalid Event Trigger ID Element – [INVALID EVENT TRIGGER ID VALUE]
16	Invalid Search Token Element – [INVALID TOKEN]
17	Requested Event Trigger Cannot Be Found – [EVENT TRIGGER ID]
18	Invalid Type Element – [INVALID TYPE VALUE]
19	Invalid Criteria Element – [INVALID CRITERIA VALUE]
20	Invalid Collection Element(s) – [INVALID COLLECTION ELEMENTS]
21	Site Host Already Exists – [SITE HOST]
22	Requested Site Host Cannot Be Found – [SITE HOST ID]
23	Requested Site Host Is Primary And Cannot Be Removed – [SITE HOST ID]
24	Requested Live Chat Session Cannot Be Found – [LIVE CHAT SESSION ID]
25	Requested Custom Report Cannot Be Found – [CUSTOM REPORT ID]
26	No Data Available To Generate Chart
27	Additional User Account Cannot Make Request – [REQUEST NAME]
28	Requested Additional User Cannot Be Found – [ADDITIONAL USER ID]
29	User Account Already Exists With Email – [EMAIL]
30	User Account Already Exists With Login – [LOGIN]
31	Additional User Account Cannot Make Request - createSite
32	Visits Matching Your User Data Could Not Be Found – [USER DATA FIELD]: [USER DATA VALUE]