



Liv-ex Cellar View API Documentation

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Introduction

About

Cellar View is a data feed that contains information about the contents of each sub-account you set-up on the Vine system. You can use this data feed to display to your customers information about their wines stored in Vine including photos if purchased.

The licence for Cellar View generally includes rights to display data to customers once they are logged into a members' website. Members are responsible for keeping customers' usernames and passwords secure.

Technology

- REST used as a web service through which the two systems will exchange the data
- JSON will be used to send the response in plain text
- XML will be used to send the response in a xml format

To set up the bid and offer service please contact data@liv-ex.com. Liv-ex will provide a token to access the data feed

User parameter standards for web service call:

User parameters define the content of your feed and they are separated by '/' as name and value pairs. All parameter names are case sensitive and after the request URL follows a defined sequence of **{parameter name} / {parameter value}** pairs. Optional parameters are not required and can be left out in the call.

Cellar View Service

Request Parameter

Parameter	Mandatory	Format	Description
token	Yes	String	Supplied by the Liv-ex.
subaccount	Yes	String	Merchant subaccount.
records	Yes	Number	Number of records that should be returned by page
pageno	No	Number	Returns records of that page. Per default the first page is displayed.
lwin_type	No	String	L-WIN type, depending on your preferences <ul style="list-style-type: none">• LWIN7 (default)• LWIN11• LWIN16• LWIN18

Sample Request:

JSON REQUEST

```
http://datafeed.liv-ex.com/df/cellarview/getjson/token/{token_supplied_by_livex}/subaccount/{merchant_subaccount}/records/{no_of_records}/pageno/{page_no}/lwin_type/{lwin_type}
```

XML REQUEST

```
http://datafeed.liv-ex.com/df/cellarview/getxml/token/{token_supplied_by_livex}/subaccount/{merchant_subaccount}/records/{no_of_records}/pageno/{page_no}/lwin_type/{lwin_type}
```

Sample Response

1. Single record

JSON

```
{ "totalRecords": 346,
  "totalPages": 346,
  "noOfRecords": 1,
  "currentPage": 1,
  "cellarViews": {
    "cellarView": {
      "wine": "Amoux R, Griotte Chambertin",
      "vintage": "2003",
      "caseSize": "6x75",
      "uid": 176974,
      "costPrice": 600,
      "marketPrice": 695,
      "percentageChange": 15.83,
```

```

    "lwin": "1007101"
    "photos":{
      "photo":{
        "lowResUrl": "http://datafeed.liv-
ex.com/cellarViewImage.do?_1368691377972&token=1234502001&subAccount=KIR121&photold=27964
&isOriginal=false",
        "highResUrl": "http://datafeed.liv-
ex.com/cellarViewImage.do?_1368691377972&token=1234502001&subAccount=KIR121&photold=27964
&isOriginal=true" }}}}

```

XML

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<cellarViewResponse xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://datafeed.liv-
ex.com/services http://datafeed.liv-ex.com/schema/v1/services.xsd">
  <totalRecords>346</totalRecords>
  <totalPages>346</totalPages>
  <noOfRecords>1</noOfRecords>
  <currentPage>1</currentPage>
  <cellarViews>
    <cellarView>
      <wine>Arnoux R, Griotte Chambertin</wine>
      <vintage>2003</vintage>
      <caseSize>6x75</caseSize>
      <uid>176974</uid>
      <costPrice>600.0</costPrice>
      <marketPrice>695.0</marketPrice>
      <percentageChange>15.83</percentageChange>
      <lwin>1007101</lwin>
      <photos>
        <photo>
          <lowResUrl>http://datafeed.liv-ex.com/cellarViewImage.do?_1368691452922&
token=1234562001& subAccount=KIR121& photold=27964& isOriginal=false</lowResUrl>
          <highResUrl>http://datafeed.liv-ex.com/cellarViewImage.do?_1368691452922&
token=1234562001& subAccount=KIR121& photold=27964& isOriginal=true</highResUrl>
        </photo>
      </photos>
    </cellarView>
  </cellarViews>
</cellarViewResponse>

```

2. Multiple records

JSON

```
{ "totalRecords": 346,
  "totalPages": 346,
  "noOfRecords": 1,
  "currentPage": 1,
  "cellarViews": {
    "cellarView": {
      "wine": "Amoux R, Griotte Chambertin",
      "vintage": "2003",
      "caseSize": "6x75",
      "uid": 176974,
      "costPrice": 600,
      "marketPrice": 695,
      "percentageChange": 15.83,
      "lwin": "1007101"
      "photos": {
        "photo": {
          "lowResUrl": "http://datafeed.liv-
ex.com/cellarViewImage.do?_1368691377972&token=1234502001&subAccount=KIR121&photold=27964&isOriginal=false",
          "highResUrl": "http://datafeed.liv-
ex.com/cellarViewImage.do?_1368691377972&token=1234502001&subAccount=KIR121&photold=27964&isOriginal=true" }}}
    }, {
      "wine": "Ata Rangji, Pinot Noir",
      "vintage": "2003",
      "caseSize": "6x75",
      "uid": 217831,
      "costPrice": 600,
      "marketPrice": 695,
      "percentageChange": 15.83,
      "lwin": "1007103"
      "photos": null }}}}
```

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<cellarViewResponse xmlns="http://datafeed.liv-ex.com/services"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://datafeed.liv-
ex.com/services http://datafeed.liv-ex.com/schema/v1/services.xsd">
  <totalRecords>346</totalRecords>
  <totalPages>346</totalPages>
  <noOfRecords>1</noOfRecords>
  <currentPage>1</currentPage>
  <cellarViews>
    <cellarView>
      <wine>Arnoux R, Griotte Chambertin</wine>
      <vintage>2003</vintage>
      <caseSize>6x75</caseSize>
      <uid>176974</uid>
      <costPrice>600.0</costPrice>
      <marketPrice>695.0</marketPrice>
      <percentageChange>15.83</percentageChange>
      <lwin>1007101</lwin>
      <photos> <photo>
        <lowResUrl>http://datafeed.liv-ex.com/cellarViewImage.do?_1368691052922&
token=1234502001& subAccount=KIR121& photold=27964& isOriginal=false</lowResUrl>
        <highResUrl>http://datafeed.liv-ex.com/cellarViewImage.do?_1368691052922&
token=1234502001& subAccount=KIR121& photold=27964& isOriginal=true</highResUrl>
      </photo> </photos>
    </cellarView>
    <cellarView>
      <wine>Ata Rangi, Pinot Noir</wine>
      <vintage>2003</vintage>
      <caseSize>6x75</caseSize>
      <uid>217831</uid>
      <costPrice>600.0</costPrice>
      <marketPrice>695.0</marketPrice>
      <percentageChange>15.83</percentageChange>
      <lwin>1007103</lwin>
      <photos xsi:nil="true"/>
    </cellarView>
  </cellarViews>
</cellarViewResponse>
```

No result

JSON

```
{  
  "totalRecords": 0,  
  "totalPages": 0,  
  "noOfRecords": 0,  
  "currentPage": 1,  
  "cellarViews": null  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>  
<cellarViewResponse xmlns="http://datafeed.liv-ex.com/services"  
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://datafeed.liv-  
ex.com/services http://datafeed.liv-ex.com/schema/v1/services.xsd">  
  <totalRecords>0</totalRecords>  
  <totalPages>0</totalPages>  
  <noOfRecords>0</noOfRecords>  
  <currentPage>1</currentPage>  
  <cellarViews xsi:nil="true"/>  
</cellarViewResponse>
```


Error Response

E000 Internal server error:

JSON

```
{  
  "error": {  
    "code": "E000",  
    "message": " Internal server error "  
  }  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8"?>  
<errors xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-  
ex.com/service/schema/v1/services.xsd">  
  <error>  
    <code>E000</code>  
    <message> Internal server error </message>  
  </error>  
</errors>
```

E002 Merchant not found:

JSON

```
{  
  "error": {  
    "code": "E002",  
    "message": "Access denied, Either token or IP address or service not mapped"  
  }  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8"?>  
<errors xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-  
ex.com/service/schema/v1/services.xsd">  
  <error>  
    <code>E002</code>  
    <message>Access denied, Either token or IP address or service not mapped</message>  
  </error>  
</errors>
```

E005: Merchant Sub account not found

JSON

```
{  
  "error": {  
    "code": "E005",  
    "message": "Merchant sub-account not found"  
  }  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>  
<errors xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance" xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-  
ex.com/schema/v1/services.xsd">  
  <error>  
    <code>E005</code>  
    <message>Merchant sub-account not found</message>  
  </error>  
</errors>
```

E004: Invalid number format

JSON

```
{  
  "error": {  
    "code": "E004",  
    "message": "Invalid number parameter: positive number expected for records"  
  }  
}
```

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>  
<errors xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance" xsi:schemaLocation="http://datafeed.liv-ex.com/services http://datafeed.liv-  
ex.com/schema/v1/services.xsd">  
  <error>  
    <code>E004</code>  
    <message>Invalid number parameter: positive number expected for records</message>  
  </error>  
</errors>
```

V001: Mandatory field missing

A mandatory field is missing or the request parameter is spelled wrong. Please make sure that you have added the parameters correctly.

JSON

```
{"error": [{"code": "V001", "message": "Mandatory field missing"}]}
```

XML

```
<?xml version="1.0" encoding="UTF-8"?>
<errors xmlns="http://datafeed.liv-ex.com/services" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://datafeed.liv-ex.com/service/schema/v1/services.xsd">
  <error>
    <code>V001</code>
    <message>Mandatory field missing</message>
  </error>
</errors>
```