

### IVR API  
#### Get Account History

Gets the history for a specific account.

GET /api/IUBIVR/GetAccountHistory/?custno=&custsequence=&fromdate=&todate=&transactiontype=

\*\*\*Parameters\*\*\*

Name	Type	Description
Customer Number	number	The customer number of the account
Customer Sequence	number	The customer sequence of the account
From Date	date	The date to retrieve history from (optional)
To Date	date	The date to retrieve history to (optional)
Transaction Type	string	The transaction type of the history to retrieve (optional)

\*\*\*Response\*\*\*

Status: 200 OK

```
<GetAccountHistoryResponse xmlns="http://www.sprbrk.com/WCF">
  <GetAccountHistoryResult xmlns:a="http://schemas.sprbrk.com/WCF"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
    <a:Errors/>
    <a:WebExplanation i:nil="true"/>
    <a:WebMessages i:nil="true"/>
    <a:Value>
      <a:GetAccountHistoryResult>
        <a:ObjectState>Unchanged</a:ObjectState>
        <a:ConsumptionValue>0.00000</a:ConsumptionValue>
        <a:ReadingAmount>0.00000</a:ReadingAmount>
        <a:TransactionAmount>15.00</a:TransactionAmount>
        <a:TransactionDate>2014-04-23T00:00:00</a:TransactionDate>
        <a:TransactionDescription/>
        <a:TransactionDueDate>2014-05-08T00:00:00</a:TransactionDueDate>
        <a:TransactionType>Billing</a:TransactionType>
      </a:GetAccountHistoryResult>
      <a:GetAccountHistoryResult>
        <a:ObjectState>Unchanged</a:ObjectState>
        <a:ConsumptionValue>0.00000</a:ConsumptionValue>
        <a:ReadingAmount>0.00000</a:ReadingAmount>
        <a:TransactionAmount>-49537.99</a:TransactionAmount>
        <a:TransactionDate>2014-07-14T00:00:00</a:TransactionDate>
        <a:TransactionDescription>Collection</a:TransactionDescription>
      </a:GetAccountHistoryResult>
    </a:Value>
  </GetAccountHistoryResult>
</GetAccountHistoryResponse>
```

```
        <a:TransactionDueDate>0001-01-01T00:00:00</a:TransactionDueDate>
        <a:TransactionType>Adjustment</a:TransactionType>
    </a:GetAccountHistoryResult>
</a:Value>
</GetAccountHistoryResult>
</GetAccountHistoryResponse>
```

#### #### Get Account Summary

Gets a summary of the given UB account.

```
GET /api/IUBIVR/GetAccountSummary/?custno=&custsequence=
```

#### \*\*\*Parameters\*\*\*

Name	Type	Description
Customer Number	number	The customer number of the account
Customer Sequence	number	The customer sequence of the account

#### \*\*\*Response\*\*\*

Status: 200 OK

```
<GetAccountSummaryResponse xmlns="http://www.sprbrk.com/WCF">
  <GetAccountSummaryResult xmlns:a="http://schemas.sprbrk.com/WCF"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
    <a:Errors/>
    <a:WebExplanation i:nil="true"/>
    <a:WebMessages i:nil="true"/>
    <a:Value>
      <a:ObjectState>Unchanged</a:ObjectState>
      <a:CurrentBalance>2226.60</a:CurrentBalance>
      <a:CustNo>6</a:CustNo>
      <a:CustSequence>0</a:CustSequence>
      <a:CustomerFirstName>PAT</a:CustomerFirstName>
      <a:CustomerLastName>THOMAS</a:CustomerLastName>
      <a:DelinquentBalance>2106.60</a:DelinquentBalance>
      <a>LastBillAmount>32.50</a>LastBillAmount>
      <a>LastBillDate>2015-03-13T00:00:00</a>LastBillDate>
      <a>LastPaymentAmount>1000.00</a>LastPaymentAmount>
      <a>LastPaymentDate>2014-08-06T00:00:00</a>LastPaymentDate>
      <a:LotCity>Springbrook</a:LotCity>
      <a:LotNumber>10</a:LotNumber>
      <a:LotState>OR</a:LotState>
      <a:LotStreetDirectional>NW</a:LotStreetDirectional>
      <a:LotStreetName>Main Street</a:LotStreetName>
      <a:LotStreetNumber>123</a:LotStreetNumber>
      <a:LotZip>99856-5412</a:LotZip>
      <a:ServiceAddress>123 NW Main Street</a:ServiceAddress>
      <a:UBAccountNumber>000006-000</a:UBAccountNumber>
      <a:UBAccountStatus>Active</a:UBAccountStatus>
```

```
</a:Value>  
</GetAccountSummaryResult>  
</GetAccountSummaryResponse>
```

#### #### Get Delinquent Accounts

Lists all accounts that are currently delinquent and in an open past due batch.

GET /api/IUBIVR/GetDelinquentAccounts/

\*\*\*Parameters\*\*\*

None

\*\*\*Response\*\*\*

Status: 200 OK

```
<GetDelinquentAccountsResponse xmlns="http://www.sprbrk.com/WCF">
  <GetDelinquentAccountsResult xmlns:a="http://schemas.sprbrk.com/WCF"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
    <a:Errors/>
    <a:WebExplanation i:nil="true"/>
    <a:WebMessages i:nil="true"/>
    <a:Value/>
      <a:ObjectState>Unchanged</a:ObjectState>
      <a:CurrentBalance>2226.60</a:CurrentBalance>
      <a:CustomerBusinessPhoneNumber>9999999999</a:CustomerBusinessPhoneNumber>
      <a:CustomerEmailAddress>customer@accela.com</a:CustomerEmailAddress>
      <a:CustomerFirstName>Kyle</a:CustomerFirstName>
      <a:CustomerHomePhoneNumber>9999999999</a:CustomerHomePhoneNumber>
      <a:CustomerLastName>Gilles</a:CustomerLastName>
      <a:CutoffDate>2014-08-06T00:00:00</a:CutoffDate>
      <a:DelinquentAmount>500.20</a:DelinquentAmount>
      <a:DelinquentDate>2014-10-16T00:00:00</a:DelinquentDate>
      <a:LotCity>Portland</a:LotCity>
      <a:LotState>OR</a:LotState>
      <a:LotStreetDirectional>NW</a:LotStreetDirectional>
      <a:LotStreetName>17th</a:LotStreetName>
      <a:LotStreetNumber>5431</a:LotStreetNumber>
      <a:LotZip>99999-9999</a:LotZip>
      <a:PenaltyDate>2014-09-06T00:00:00</a:PenaltyDate>
      <a:ServiceAddress>1000 SW Broadway</a:ServiceAddress>
    </GetDelinquentAccountsResult>
  </GetDelinquentAccountsResponse>
```

### #### Create Payment

Creates a payment in the system.

POST

/api/IUBIVR/CreatePayment/?custno=&custsequence=&additionalpaymentamount=&merchantprocessortransactionid=&paymentamount=&transactiondate=&userpaymentreferencenumber=

#### \*\*\*Parameters\*\*\*

Name	Type	Description
Customer Number	number	The customer number of the account
Customer Sequence	number	The customer sequence of the account
Additional Payment Amount	number	The additional payment amount
Merchant Transact ID	string	The merchant processor's transaction ID
Payment Amount	number	The amount to pay
Transaction Date	date	The date of the payment transaction
Payment Reference Number	string	The reference ID for the payment

#### \*\*\*Response\*\*\*

Status: 200 OK

```
<CreatePaymentResult xmlns:a="http://schemas.sprbrk.com/WCF" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <a:Errors/>
  <a:WebExplanation i:nil="true"/>
  <a:WebMessages i:nil="true"/>
  <a:Value>-1</a:Value>
</CreatePaymentResult>
</CreatePaymentResponse>
```

#### Test Connection

Returns true if the API connection is successful.

GET /api/ITestable/TestConnection

\*\*\*Parameters\*\*\*

None.

\*\*\*Response\*\*\*

Status: 200 OK

```
<TestConnectionResponse xmlns="http://www.sprbrk.com/WCF">
  <TestConnectionResult xmlns:a="http://schemas.sprbrk.com/WCF" xmlns:i="http://www.w3.org/2001/XMLSchema-
instance">
    <a:Errors/>
    <a:WebExplanation i:nil="true"/>
    <a:WebMessages i:nil="true"/>
    <a:Value>true</a:Value>
  </TestConnectionResult>
</TestConnectionResponse>
```