
Протокол взаимодействия VPOS

Версия 2.0.0.1

Адрес шлюза - <https://my-loyalty.ru/vpos/virtualposservice.asmx>

WSDL описание шлюза VPOS. <https://my-loyalty.ru/vpos/virtualposservice.asmx?WSDL>

Последовательность выполнения операций.

- 1.1 Login (для авторизация в системе с использованием сертификата пользователя)
- 1.2 LoginWithOtp (авторизация в системе без сертификата активированного терминала с ключом. Для получения ключа необходимо разово пройти процедуру активации ActivateTerminal)
- 1.3 Idle (для поддержания активной сессии сервером необходимо периодически отправлять запрос "Idle", раз в 30-60 секунд)
- 2 CreateOperationContext – создание новой операции
3. SetTrackData – назначение номера карты
4. GetVirtualTerminals – получение списка доступных терминалов
5. SetTerminal – назначение номера терминала (кассы) под которым пойдет операция
6. Query – запрос списка доступных операций под данной карте/терминалу
7. SetOperationParams – настройка параметров операции
8. Execute – выполнение операции

Активация терминала

ActivateTerminal

activationKey – ключ активации (содержание QR-Code полученного администратором в RCS-Retail)

SOAP 1.1

В следующем примере показаны запрос и ответ SOAP 1.1. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
```

Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/ActivateTerminal"

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ActivateTerminal xmlns="http://tempuri.org/">
      <activationKey>string</activationKey>
    </ActivateTerminal>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ActivateTerminalResponse xmlns="http://tempuri.org/">
      <ActivateTerminalResult>
        <UserId>string</UserId>
        <Password>string</Password>
        <TransportKey>string</TransportKey>
        <SysId>string</SysId>
        <AcqId>decimal</AcqId>
        <TrmId>string</TrmId>
      </ActivateTerminalResult>
    </ActivateTerminalResponse>
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

В следующем примере показаны запрос и ответ SOAP 1.2. Вместо элементов-заполнителей следует подставить фактические значения.

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <ActivateTerminal xmlns="http://tempuri.org/">
      <activationKey>string</activationKey>
    </ActivateTerminal>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <ActivateTerminalResponse xmlns="http://tempuri.org/">
      <ActivateTerminalResult>
        <UserId>string</UserId>
        <Password>string</Password>
        <TransportKey>string</TransportKey>
        <SysId>string</SysId>
        <AcqId>decimal</AcqId>
        <TrmId>string</TrmId>
      </ActivateTerminalResult>
    </ActivateTerminalResponse>
  </soap12:Body>
</soap12:Envelope>

```

ActivateTerminal - запрос на активацию терминала. В запросе передается активационный ключ (содержимое прочитанного QR-кода). В ответе возвращаются постоянные аутентификационные параметры, которые необходимо сохранять на устройстве - имя пользователя и пароль, постоянный транспортный ключ. Для справочной информации возвращается идентификатор терминала, его можно отображать в визуальном интерфейсе терминала.

Пример запроса:

```

<Envelope xmlns="http://www.w3.org/2003/05/soap-envelope">
  <Body>
    <ActivateTerminal xmlns="http://tempuri.org/">
      <activationKey>JFOJowmd9xx2x9x89w</activationKey>
    </ActivateTerminal>
  </Body>
</Envelope>

```

Пример ответа:

```

<TerminalLoginInfo xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns="http://tempuri.org/">
  <UserId>ACQ.NBCARD.700555</UserId>
  <Password>~|kA{[g*hi8PaL_u</Password>
  <TransportKey>;JI{*WbQ0j3ek>+YPRWnsEIQJNf!tt</TransportKey>
  <SysId>NBCARD</SysId>
  <AcqId>700555</AcqId>
  <TrmId>153996</TrmId>
</TerminalLoginInfo>

```

Важно! Активационный ключ является одноразовым и не может быть использован повторно. Однако, после активации терминала в течении 10 минут запрос на активацию будет проходить успешно и возвращать повторно сформированные постоянные аутентификационные данные терминала. Это необходимо для того, что бы избежать сбоев активации терминала в условиях нестабильного интернет-соединения.

Разработчикам терминального ПО в случае возникновения транспортных ошибок после отправки запроса ActivateTerminal рекомендуется повторять отправку запроса до получения однозначного ответа от сервера.

LoginWithOtp

username – имя пользователя (возвращается при выполнении запроса ActivateTerminal)

password – пароль пользователя (возвращается при выполнении запроса ActivateTerminal)

otp – транспортный ключ ("TransportKey" возвращается при выполнении запроса ActivateTerminal)

SOAP 1.1

В следующем примере показаны запрос и ответ SOAP 1.1. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/LoginWithOtp"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <LoginWithOtp xmlns="http://tempuri.org/">
      <userName>string</userName>
      <password>string</password>
      <otp>string</otp>
      <clientVersion>string</clientVersion>
    </LoginWithOtp>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <LoginWithOtpResponse xmlns="http://tempuri.org/">
      <LoginWithOtpResult>
        <SessionId>string</SessionId>
        <UserName>string</UserName>
        <IsTemp>string</IsTemp>
        <ServerVersion>string</ServerVersion>
      </LoginWithOtpResult>
    </LoginWithOtpResponse>
  </soap:Body>
</soap:Envelope>
```

```
<EMail>string</EMail>
</LoginWithOtpResult>
</LoginWithOtpResponse>
</soap:Body>
</soap:Envelope>
```

SOAP 1.2

В следующем примере показаны запрос и ответ SOAP 1.2. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <LoginWithOtp xmlns="http://tempuri.org/">
      <userName>string</userName>
      <password>string</password>
      <otp>string</otp>
      <clientVersion>string</clientVersion>
    </LoginWithOtp>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <LoginWithOtpResponse xmlns="http://tempuri.org/">
      <LoginWithOtpResult>
        <SessionId>string</SessionId>
        <UserName>string</UserName>
        <IsTemp>string</IsTemp>
        <ServerVersion>string</ServerVersion>
        <EMail>string</EMail>
      </LoginWithOtpResult>
    </LoginWithOtpResponse>
  </soap12:Body>
</soap12:Envelope>
```

`LoginWithOtp` - вход в систему с использованием дополнительного фактора аутентификации. Для терминальных устройств в параметре `otp` передается транспортный ключ терминала, полученный в результате активации.

При использовании транспортного ключа вместо сертификата запрос на получение списка терминалов `GetVirtualTerminals` будет возвращать только одно устройство. То, на которое выписан ключ.

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<Body>
  <LoginWithOtp xmlns="http://tempuri.org/">
    <userName>ACQ.NBCARD.700555</userName>
    <password>~|kA{[g*hi8PaL_u</password>
    <otp>;JI!{*WbQ0j3ek>+YPRWnsEIQJNf!tt</otp>
    <clientVersion></clientVersion>
  </LoginWithOtp>
</Body>
</Envelope>
```

В ответе возвращается SessionId, который необходимо передавать в последующих запросах.

Для поддержания сессии активной необходимо вызывать запрос **Idle**.

Login

Операция авторизации на сервере.
userName – логин пользователя привязанный к сертификату
password – пароль пользователя
clientVersion – не обязательный параметр. Версия клиентского ПО.

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/Login"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Login xmlns="http://tempuri.org/">
      <userName>string</userName>
      <password>string</password>
      <clientVersion>string</clientVersion>
    </Login>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
```

```

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <LoginResponse xmlns="http://tempuri.org/">
      <LoginResult>
        <SessionId>string</SessionId>
        <UserName>string</UserName>
        <IsTemp>string</IsTemp>
        <ServerVersion>string</ServerVersion>
        <EMail>string</EMail>
      </LoginResult>
    </LoginResponse>
  </soap:Body>
</soap:Envelope>

```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

```

```

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <Login xmlns="http://tempuri.org/">
      <userName>string</userName>
      <password>string</password>
      <clientVersion>string</clientVersion>
    </Login>
  </soap12:Body>
</soap12:Envelope>

```

```

HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

```

```

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <LoginResponse xmlns="http://tempuri.org/">
      <LoginResult>
        <SessionId>string</SessionId>
        <UserName>string</UserName>
        <IsTemp>string</IsTemp>
        <ServerVersion>string</ServerVersion>
        <EMail>string</EMail>
      </LoginResult>
    </LoginResponse>
  </soap12:Body>
</soap12:Envelope>

```

Для поддержания сессии активной необходимо вызывать запрос **Idle**.

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <Login xmlns="http://tempuri.org/">
      <userName>EFTEST</userName>
      <password>123456</password>
      <clientVersion></clientVersion>
    </Login>
  </Body>
</Envelope>
```

Idle

sessionId – ID сессии полученный при входе в систему

SOAP 1.1

В следующем примере показаны запрос и ответ SOAP 1.1. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/Idle"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Idle xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Idle>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <IdleResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

В следующем примере показаны запрос и ответ SOAP 1.2. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
```



```

<Idle xmlns="http://tempuri.org/">
  <sessionId>string</sessionId>
</Idle>
</soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <IdleResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>

```

Пример запроса:

```

<Envelope xmlns="http://www.w3.org/2003/05/soap-envelope">
  <Body>
    <Idle xmlns="http://tempuri.org/">
      <sessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</sessionId>
    </Idle>
  </Body>
</Envelope>

```

CreateOperationContext

Создание новой операции.

sessionId – ID сессии полученный при входе в систему

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/CreateOperationContext"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <CreateOperationContext xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </CreateOperationContext>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8

```

Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <CreateOperationContextResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <CreateOperationContext xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </CreateOperationContext>
  </soap12:Body>
</soap12:Envelope>
```

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <CreateOperationContextResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>
```

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <CreateOperationContext xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
    </CreateOperationContext>
  </Body>
</Envelope>
```

SetTrackData

Назначение номера карты

sessionId – ID сессии полученный при входе в систему
trackData – номер карты или трек карты

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/SetTrackData"
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetTrackData xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <trackData>string</trackData>
    </SetTrackData>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetTrackDataResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <SetTrackData xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <trackData>string</trackData>
    </SetTrackData>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <SetTrackDataResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>
```

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <SetTrackData xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
      <trackData>6050100080000003038</trackData>
    </SetTrackData>
  </Body>
</Envelope>
```

GetVirtualTerminals

sessionId – ID сессии полученный при входе в систему

SOAP 1.1

В следующем примере показаны запрос и ответ SOAP 1.1. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/GetVirtualTerminals"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetVirtualTerminals xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </GetVirtualTerminals>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetVirtualTerminalsResponse xmlns="http://tempuri.org/">
      <GetVirtualTerminalsResult>
        <VTerminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </VTerminal>
        <VTerminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
```

```

        <Sys_Id>string</Sys_Id>
        <Acq_Id>decimal</Acq_Id>
        <Acq_Name>string</Acq_Name>
        <Trm_Id>string</Trm_Id>
        <Caid_Name>string</Caid_Name>
        <Address>string</Address>
    </VTerminal>
</GetVirtualTerminalsResult>
</GetVirtualTerminalsResponse>
</soap:Body>
</soap:Envelope>

```

SOAP 1.2

В следующем примере показаны запрос и ответ SOAP 1,2. Вместо элементов-заполнителей следует подставить фактические значения.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetVirtualTerminals xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </GetVirtualTerminals>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetVirtualTerminalsResponse xmlns="http://tempuri.org/">
      <GetVirtualTerminalsResult>
        <VTerminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </VTerminal>
        <VTerminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </VTerminal>
      </GetVirtualTerminalsResult>
    </GetVirtualTerminalsResponse>
  </soap12:Body>

```

```
</soap12:Envelope>
```

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <GetVirtualTerminals xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
    </GetVirtualTerminals>
  </Body>
</Envelope>
```

SetTerminal

Назначение номера устройства для выполнения запроса

sessionId – ID сессии полученный при входе в систему
sysId – Идентификатор платежной системы. Зависит от карточного продукта.
acqId – номер эквайера
trmId – номер терминала

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/SetTerminal"
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetTerminal xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <sysId>string</sysId>
      <acqId>decimal</acqId>
      <trmId>string</trmId>
    </SetTerminal>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetTerminalResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
```

Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <SetTerminal xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <sysId>string</sysId>
      <acqId>decimal</acqId>
      <trmId>string</trmId>
    </SetTerminal>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <SetTerminalResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>
```

Пример запроса:

```
<Envelope xmlns="http://www.w3.org/2003/05/soap-envelope">
  <Body>
    <SetTerminal xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
      <sysId>L</sysId>
      <acqId>700467</acqId>
      <trmId>137</trmId>
    </SetTerminal>
  </Body>
</Envelope>
```

Query

Запрос на проведение операции. Возвращает список доступных операций для пользователя сессии.

sessionId – ID сессии полученный при входе в систему

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/Query"

<?xml version="1.0" encoding="utf-8"?>
```

```
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Query xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Query>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <QueryResponse xmlns="http://tempuri.org/">
      <QueryResult>
        <TrackData>string</TrackData>
        <NCard>string</NCard>
        <CardType>Bonus or Discount or Gift or Rucard</CardType>
        <Terminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </Terminal>
        <Operations>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>
            <HotKey>string</HotKey>
          </OperationType>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>
            <HotKey>string</HotKey>
          </OperationType>
        </Operations>
        <Operation>
          <OperType>string</OperType>
          <Description>string</Description>
          <HotKey>string</HotKey>
        </Operation>
        <STAN>string</STAN>
        <AuthCode>string</AuthCode>
        <Amount>decimal</Amount>
        <CurrCode>string</CurrCode>
        <DateOper>dateTime</DateOper>
        <ErrorText>string</ErrorText>
        <ReceiptUri>string</ReceiptUri>
        <QueryValuesString>string</QueryValuesString>
        <OperationValuesString>string</OperationValuesString>
      </QueryResult>
    </QueryResponse>
  </soap:Body>
</soap:Envelope>
```


SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <Query xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Query>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <QueryResponse xmlns="http://tempuri.org/">
      <QueryResult>
        <TrackData>string</TrackData>
        <NCard>string</NCard>
        <CardType>Bonus or Discount or Gift or Rucard</CardType>
        <Terminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </Terminal>
        <Operations>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>
            <HotKey>string</HotKey>
          </OperationType>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>
            <HotKey>string</HotKey>
          </OperationType>
        </Operations>
        <Operation>
          <OperType>string</OperType>
          <Description>string</Description>
          <HotKey>string</HotKey>
        </Operation>
        <STAN>string</STAN>
        <AuthCode>string</AuthCode>
        <Amount>decimal</Amount>
        <CurrCode>string</CurrCode>
      </QueryResult>
    </QueryResponse>
  </soap12:Body>
</soap12:Envelope>
```

```

<DateOper>dateTime</DateOper>
<ErrorText>string</ErrorText>
<ReceiptUri>string</ReceiptUri>
<QueryValuesString>string</QueryValuesString>
<OperationValuesString>string</OperationValuesString>
</QueryResult>
</QueryResponse>
</soap12:Body>
</soap12:Envelope>

```

Пример запроса:

```

<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <Query xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
    </Query>
  </Body>
</Envelope>

```

SetOperationParams

Назначения параметров операции

sessionId – ID сессии полученный при входе в систему
operType – Тип операции. Принимаемые значения (трехбуквенный код):

LIM, "Запрос остатка"
SAL, "Учет покупки"
DEP, "Пополнение"
PAY, "Оплата"
CAN, "Отмена"
RET, "Возврат"

amount – сумма операции в рублях, разделитель копеек "."
currCode – Код валюты. 810 – рубли, 500 - бонусы

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/SetOperationParams"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetOperationParams xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <operType>string</operType>
      <amount>decimal</amount>
      <currCode>string</currCode>
    </SetOperationParams>
  </soap:Body>

```

```

</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetOperationParamsResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>

```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <SetOperationParams xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <operType>string</operType>
      <amount>decimal</amount>
      <currCode>string</currCode>
    </SetOperationParams>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <SetOperationParamsResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>

```

Пример запроса:

```

<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <SetOperationParams xmlns="http://tempuri.org/">Klokkerholm 3451011
      <operType>LIM</operType>
      <amount>0</amount>
      <currCode>500</currCode>
    </SetOperationParams>
  </Body>
</Envelope>

```

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <SetOperationParams xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
      <operType>PAY</operType>
      <amount>150</amount>
      <currCode>810</currCode>
    </SetOperationParams>
  </Body>
</Envelope>
```

Пример запроса:

```
<Envelope xmlns="http://schemas.xmlsoap.org/soap/envelope/">
  <Body>
    <SetOperationParams xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
      <operType>RET</operType>
      <amount>150</amount>
      <currCode>810</currCode>
    </SetOperationParams>
  </Body>
</Envelope>
```

Внимание! При выполнении операции возврат следующим шагом необходимо идентифицировать оригинальную операцию. Для этого необходимо вызвать метод **SetOriginalOperation**

SetOriginalOperation

sessionId – ID сессии полученный при входе в систему

stan – номер операции (берется из основной операции по которой выполняется возврат. Вводится кассиром с оригинального чека)

dateOper – дата оригинальной операции по которой осуществляется возврат

SOAP 1.1

В следующем примере показаны запрос и ответ SOAP 1.1. Вместо элементов-заполнителей следует подставить фактические значения.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/SetOriginalOperation"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetOriginalOperation xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <stan>string</stan>
      <dateOper>dateTime</dateOper>
    </SetOriginalOperation>
```

```

    </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SetOriginalOperationResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>

```

SOAP 1.2

В следующем примере показаны запрос и ответ SOAP 1,2. Вместо элементов-заполнителей следует подставить фактические значения.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: my-loyalty.ru
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <SetOriginalOperation xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
      <stan>string</stan>
      <dateOper>dateTime</dateOper>
    </SetOriginalOperation>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <SetOriginalOperationResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>

```

Пример запроса:

```

<Envelope xmlns="http://www.w3.org/2003/05/soap-envelope">
  <Body>
    <SetOriginalOperation xmlns="http://tempuri.org/">
      <SessionId>71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</SessionId>
      <stan>179493</stan>
      <dateOper>2017-05-11T09:42:50.09</dateOper>
    </SetOriginalOperation>
  </Body>
</Envelope>

```

Пример ответа:

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <FindOriginalOperationResponse xmlns="http://tempuri.org/">
      <FindOriginalOperationResult>
        <NCard>*****3038</NCard>
        <Terminal>
          <Acq_Member_Id>510456</Acq_Member_Id>
          <Sys_Id>L</Sys_Id>
          <Acq_Id>700467</Acq_Id>
          <Acq_Name>РУКАРД ПРЕЗЕНТАЦИЯ</Acq_Name>
          <Trm_Id>137</Trm_Id>
          <Caid_Name>РУКАРД ПРЕЗЕНТАЦИЯ (Москва)</Caid_Name>
          <Address>Москва Электрический переулок</Address>
        </Terminal>
        <DateOper>2017-05-11T09:42:50</DateOper>
        <STAN>179493</STAN>
        <OperationType>
          <OperType>PAY</OperType>
          <Description>Оплата</Description>
          <HotKey>4</HotKey>
        </OperationType>
        <Amount>150</Amount>
        <CurrCode>810</CurrCode>
        <OperationValuesString>TRM_ADDR=Москва Электрический переулок
СТYPE_NAME=ПС без номинала многократная (6 месяцев)
СТYPE_ID=973
PROD_NAME=Подарочная карта
СТYPE=GIFT
NCARD=*****3038
OPER=PAY
SYS_ID=L
ACQ_ID=700467
TRM_ID=137
DATE=170511094250
ACQ_NAME=РУКАРД ПРЕЗЕНТАЦИЯ
CAID_NAME=РУКАРД ПРЕЗЕНТАЦИЯ (Москва)
CURR=810
CURA=RUR
AMOUNT=15000
AUTH_CODE=WBKEGK
OPER_ID=4793919
STAN=179493
F063=03000079975500RGFT
OPER_NAME=Оплата
</OperationValuesString>
      </FindOriginalOperationResult>
    </FindOriginalOperationResponse>
  </soap:Body>
</soap:Envelope>
```

Основные параметры из полученного ответа необходимо отобразить на экране терминала, чтобы кассир мог идентифицировать оригинальную операцию. В случае корректной идентификации перейти к выполнению метода **Execute**. В случае отмены к началу сценария.

Execute

Выполнение запроса, по заданным выше параметрам

sessionId – ID сессии полученный при входе в систему

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/Execute"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Execute xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Execute>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ExecuteResponse xmlns="http://tempuri.org/">
      <ExecuteResult>
        <TrackData>string</TrackData>
        <NCard>string</NCard>
        <CardType>Bonus or Discount or Gift or Rucard</CardType>
        <Terminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </Terminal>
        <Operations>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>
            <HotKey>string</HotKey>
          </OperationType>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>
            <HotKey>string</HotKey>
          </OperationType>
        </Operations>
        <Operation>
          <OperType>string</OperType>
```

```

    <Description>string</Description>
    <HotKey>string</HotKey>
  </Operation>
  <STAN>string</STAN>
  <AuthCode>string</AuthCode>
  <Amount>decimal</Amount>
  <CurrCode>string</CurrCode>
  <DateOper>dateTime</DateOper>
  <ErrorText>string</ErrorText>
  <ReceiptUri>string</ReceiptUri>
  <QueryValuesString>string</QueryValuesString>
  <OperationValuesString>string</OperationValuesString>
</ExecuteResult>
</ExecuteResponse>
</soap:Body>
</soap:Envelope>

```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

```

```

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <Execute xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Execute>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

```

```

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <ExecuteResponse xmlns="http://tempuri.org/">
      <ExecuteResult>
        <TrackData>string</TrackData>
        <NCard>string</NCard>
        <CardType>Bonus or Discount or Gift or Rucard</CardType>
        <Terminal>
          <Acq_Member_Id>decimal</Acq_Member_Id>
          <Sys_Id>string</Sys_Id>
          <Acq_Id>decimal</Acq_Id>
          <Acq_Name>string</Acq_Name>
          <Trm_Id>string</Trm_Id>
          <Caid_Name>string</Caid_Name>
          <Address>string</Address>
        </Terminal>
        <Operations>
          <OperationType>
            <OperType>string</OperType>
            <Description>string</Description>

```



```

    <HotKey>string</HotKey>
  </OperationType>
</OperationType>
  <OperType>string</OperType>
  <Description>string</Description>
  <HotKey>string</HotKey>
</OperationType>
</Operations>
<Operation>
  <OperType>string</OperType>
  <Description>string</Description>
  <HotKey>string</HotKey>
</Operation>
<STAN>string</STAN>
<AuthCode>string</AuthCode>
<Amount>decimal</Amount>
<CurrCode>string</CurrCode>
<DateOper>dateTime</DateOper>
<ErrorText>string</ErrorText>
<ReceiptUri>string</ReceiptUri>
<QueryValuesString>string</QueryValuesString>
<OperationValuesString>string</OperationValuesString>
</ExecuteResult>
</ExecuteResponse>
</soap12:Body>
</soap12:Envelope>

```

Пример запроса:

```

<Envelope xmlns="http://www.w3.org/2003/05/soap-envelope">
  <Body>
    <Execute xmlns="http://tempuri.org/">
      <sessionId71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</sessionId>
    </Execute>
  </Body>
</Envelope>

```

Logout

Выход из системы с закрытием сессии.

sessionId – ID сессии полученный при входе в систему

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```

POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://tempuri.org/Logout"

<?xml version="1.0" encoding="utf-8"?>

```

```
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Logout xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Logout>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <LogoutResponse xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /vpos/virtualposservice.asmx HTTP/1.1
Host: loyalty.rucard.net
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <Logout xmlns="http://tempuri.org/">
      <sessionId>string</sessionId>
    </Logout>
  </soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-
envelope">
  <soap12:Body>
    <LogoutResponse xmlns="http://tempuri.org/" />
  </soap12:Body>
</soap12:Envelope>
```

Пример запроса:

```
<Envelope xmlns="http://www.w3.org/2003/05/soap-envelope">
  <Body>
    <Logout xmlns="http://tempuri.org/">
```

<sessionId71390@ef42002d-cd3e-439e-9a6e-d03f420291d9</sessionId>

</Logout>

</Body>

</Envelope>