

**Syrian Electronic Payment Co.**

Joint-Stock Company, Nominal Capital SYP 1 billion

Registered under CR#17581

**الشركة السورية للمدفوعات الإلكترونية**

شركة مساهمة مغلقة رأسمالها الاسمي: مليار ليرة سورية  
تملك الدولة ممثلة بالخبزينة العامة أسهمها كافة

مسجلة في السجل التجاري تحت الرقم 17581

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# **SEP EBPP GATEWAY**

*An Integrated National Electronic Bill Presentment  
and Payment (EBPP) Gateway in Syria*

## **Design Document for Biller Integration Guide**

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## 1. Biller Web Services Interface

### 1.1 Authentication

#### 1.1.1 Biller Customer Authentication

##### 1.1.1.1 SOAP Request

Below is an example of SOAP XML request to be sent by biller to SEP Gateway:

#### SOAP REQUEST FOR BILLER CUSTOMER AUTHENTICATION

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bil="http://service/Biller_customer_authentication.wsdl"
xmlns:typ="http://service/Biller_customer_authentication.wsdl/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <bil:billerCustomerAuthentication>
      <wsRequest>
        <typ:paramIn>
          <typ:billerCode>BL0801</typ:billerCode>
          <typ:password>12345678</typ:password>
        </typ:paramIn>
        <typ:signature>41pCNvyj4eBGtPAEk17cigmtZJFDE/nr6DqPHNS8T3q9gsvsvvJZCr3JmQC/D+7RGZq35FK8Q1fG
JGZ64D7UHR6b0Od7Kc66qaHZHvzT1kB1vZdy9+c68mPg0bhdZKYxUnzbL/2IBQAek9q6elxhgm6W
qZ+B/8cqjZ648IVVnF7v2ST33olzoTjaUqG2XnOakkd4NfEKFR1AjRZqCMGdoc6tlej9VbudBR+h
axRMogVprGpKSpgFx1HrxmMaymM7uolg2swuQPI76hvNUZPFJyCTvxVIUbei6xz8I6JWj0Zh0X/
kVAgNuQcKbtIkMqR/hzMcPizY2k/gHFYHQsQ==</typ:signature>
      </wsRequest>
    </bil:billerCustomerAuthentication>
  </soapenv:Body>
</soapenv:Envelope>
```

##### 1.1.1.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by SEP Gateway and sent to biller:

#### SOAP RESPONSE FOR BILLER CUSTOMER AUTHENTICATION

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <m:billerCustomerAuthenticationResponse xmlns:m="http://service/Biller_customer_authentication.wsdl">
      <result>
        <typ:paramOut xmlns:typ="http://service/Biller_customer_authentication.wsdl/types/">
          <typ:errorCode>000</typ:errorCode>
        </typ:paramOut>
      </result>
    </m:billerCustomerAuthenticationResponse>
  </env:Body>
</env:Envelope>
```

```
<typ:errorDescription>SUCCESSFULL</typ:errorDescription>
<typ:tokenKey>8C615A650285A55790CF373E71420B1C3923BB0E7103A9243DD01E4FA65DE24AD118F4AE4D3B26314
415A1D020968C22</typ:tokenKey>
  <typ:expiryDate>20190425213320</typ:expiryDate>
</typ:paramOut>
  <typ:signature xmlns:typ="http://service/Biller_customer_authentication.wsdl/types/">
R6ZnARLNEq6sbJ1Vk49Ry9u5pi4hNi6QQ4wrLt+3NfHd0xvoIO+rcOfecdcmlvRt70F137MTnBk
VManM80JPpvU2yNPEsIJd92DlkCSSaCVdgCqxXR4WU4EU+O9RjwcRoA9sb0TUqQvnjErXjWV4Z2
MTZp8VIEGKTOBwB6VISvljwpaDyqgDjGofox6LfxTjncaHDyluqnv8CCI3809P5UoOAWpev6JXP
RGE71dbZJ9DWSC4jKltbTRq7ZcsBdMnK5u8O03cTfrwq85ewPujR7367LVYNEHzA1ny3nCI0BUt
yZzXkfnlWgGgTDY8VOF6ljP6aTNTQ7KGj6kHw==</typ:signature>
  </result>
</m:billerCustomerAuthenticationResponse>
</env:Body>
</env:Envelope>
```

## 2.1 Bills & e-Vouchers Upload

### 2.1.1 Upload Push Mode

#### 2.1.1.1 SOAP Request

Below is an example of SOAP XML request to be sent by biller to SEP Gateway:

#### SOAP REQUEST FOR BILLER BILL UPLOAD PUSH MODE

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bil="http://service/Biller_bill_upload_push_mode.wsdl"
xmlns:typ="http://service/Biller_bill_upload_push_mode.wsdl/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <bil:billerBillUploadPushMode>
      <wsRequest>
        <typ:paramIn>
          <typ:billerCode>BL0801</typ:billerCode>
          <typ:tokenKey>8C615A650285A55790CF373E71420B1C3923BB0E7103A9243DD01E4FA65DE24AD118F4AE4D3B26314
          415A1D020968C22</typ:tokenKey>
          <typ:uploadMode>P</typ:uploadMode>
          <typ:billingsRec>
            <typ:array>
              <typ:billingNo>BL003</typ:billingNo>
              <typ:billNo>BI001</typ:billNo>
              <typ:billStatus>BillNew</typ:billStatus>
              <typ:dueAmount>2000</typ:dueAmount>
```

```
<typ:issueDate>20190425000000</typ:issueDate>
<typ:openDate>20190425000000</typ:openDate>
<typ:dueDate>20190525000000</typ:dueDate>
<typ:expiryDate>20190526000000</typ:expiryDate>
<typ:closeDate>20190526000000</typ:closeDate>
<typ:serviceType>FixedLine</typ:serviceType>
<typ:billType>Recurring</typ:billType>
<typ:allowPart>Y</typ:allowPart>
<typ:lowestToPay>100</typ:lowestToPay>
<typ:highestToPay>2000</typ:highestToPay>
<typ:allowOver>Y</typ:allowOver>
<typ:highestToOverPay>1000</typ:highestToOverPay>
<typ:denomination></typ:denomination>
<typ:serialNumber></typ:serialNumber>
<typ:validationCode></typ:validationCode>
<typ:message>This is a new bill</typ:message>
</typ:array>
</typ:billingsRec>
</typ:paramIn>
<typ:signature>idrNngBaRkEbIY605R/mJbeLWf0BH6zAaoOzoiL5fadytQyXp/Ar/2kqFUTCxG/2Qji7eY5r4cN/
D8RG0J8iT/dxKng83I5CDyBVbdq+vCGG64Yc10ztFbzkmohSutjnqAyU6I9HiY0VUVvt6USwDS/
8IU6rHpLZbxzuDRW2xw7vo39BXj9kIcmYI3/wHMh7F8opJqFahXZAPyjJR0mw+41mV6r/oOD8MKT
NegUDpRUsEAyoPIF/iwCd4Mu8CLye9X/UW0DhY8M697VZahqinLOX9zbHwu21uW6fU1Km53Gh6L
waNaoJ7S04N0HIFuvCjt0iZf4zACg8Ddpc0JDg==</typ:signature>
</wsRequest>
</bil:billerBillUploadPushMode>
</soapenv:Body>
</soapenv:Envelope>
```

## 2.1.1.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by SEP Gateway and sent to biller:

### SOAP RESPONSE FOR BILLER BILL UPLOAD PUSH MODE

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <m:billerBillUploadPushModeResponse xmlns:m="http://service/Biller_bill_upload_push_mode.wsdl">
      <result>
        <typ:paramOut xmlns:typ="http://service/Biller_bill_upload_push_mode.wsdl/types/">
          <typ:errorCode>000</typ:errorCode>
          <typ:errorDescription>SUCCESSFULL</typ:errorDescription>
        </typ:paramOut>
      </result>
    </m:billerBillUploadPushModeResponse>
  </env:Body>
</env:Envelope>
```

```
<typ:signature xmlns:typ="http://service/Biller_bill_upload_push_mode.wsdl/types/">
fad1wjMFJbXpvWqczDsvM/2cTRSVo1JVyfx4E1hgHflInZrdAYXsUwaS6BBZjjF6QxHCu/FT3ZyH
mFbwLsSmemZ2Djbb3K/epcqKA9TYh7ggjpw6gMpXw8pKW1kj6PUhINZXn4y98p41431rUhLR8/Po
48rnmCRxgYCrMzXHhO2yUi0BoXdH1NuKTZM8MIZ9uACemoxr07+W6f9DNKhvndGndLUrYsGIHGnD
s9KaVzDS1/Baekfoon9NlyBE7ARa8I5PL8wkRon+wlxmcXIU1XF6rk0nw26KAejvWTG0g4CiGz24
kr+I0jXOD+It0oMLLUI4hWZTDzYMrnn6sYJTsQ==</typ:signature>
</result>
</m:billerBillUploadPushModeResponse>
</env:Body>
</env:Envelope>
```

## 2.1.2 Upload Pull Mode

### 2.1.2.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

#### SOAP REQUEST FOR BILLER BILL UPLOAD PULL MODE

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bil="http://service/Biller_bill_upload_pull_mode.wsdl"
xmlns:typ="http://service/Biller_bill_upload_pull_mode.wsdl/types/">
<soapenv:Header/>
<soapenv:Body>
<bil:billerBillUploadPullMode>
<wsRequest>
<typ:paramIn>
<typ:billerCode>BL0801</typ:billerCode>
<typ:uploadMode>R</typ:uploadMode>
<typ:billingsRec>
<typ:billingNo>BN_0071</typ:billingNo>
<typ:billNo>BL_0002</typ:billNo>
<typ:serviceType>FixedLine</typ:serviceType>
</typ:billingsRec>
</typ:paramIn>
<typ:signature>EXsDHZprh+gvBwGKKmhJmYciMNWewepOST04O8FkZTiAoZzVI1BbX+Wrho/31kYCZfc3tYjGb3jj
gkzjf3xTalxr8581Pifq2XTe5yLSv1t5SqbQUnatobbjtk5sL5+ZoU/u81921MoXO0CZmV6p+6XV
ohyWeH8Q6vly94R3ejQcamzftpaBVjuK247Rh3jtRx1LOU7YBYL+heGJzqawiczCvDUF4Ksqqx2
gAdU+UtZ6+uZA4SstJDzDt0OfwkNP/2byseB3MLHcyFfyv0thuMTYOLq14j1ij9WskEe5HDxXXF
L7WZjlpmEhN2pApJQcen9IGt2ZHjdLTnufkD+Q==</typ:signature>
</wsRequest>
</bil:billerBillUploadPullMode>
</soapenv:Body>
</soapenv:Envelope>
```

## 2.1.2.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

### SOAP RESPONSE FOR BILLER BILL UPLOAD PULL MODE

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <env:Header/>
  <env:Body>
    <m:billerBillUploadPullModeResponse xmlns:m="http://service/Biller_bill_upload_pull_mode.wsdl">
      <result>
        <typ:paramOut xmlns:typ="http://service/Biller_bill_upload_pull_mode.wsdl/types/">
          <typ:errorCode>000</typ:errorCode>
          <typ:errorDescription>SUCCESSFUL</typ:errorDescription>
          <typ:billingsRec>
            <typ:array>
              <typ:billingNo>BN_0071</typ:billingNo>
              <typ:billNo>BL_0002</typ:billNo>
              <typ:billStatus>BillNew</typ:billStatus>
              <typ:dueAmount>3000.25</typ:dueAmount>
              <typ:issueDate>20190227140000</typ:issueDate>
              <typ:openDate>20190227140000</typ:openDate>
              <typ:dueDate>20190327140000</typ:dueDate>
              <typ:expiryDate>20190427140000</typ:expiryDate>
              <typ:closeDate>20190427140000</typ:closeDate>
              <typ:serviceType>FixedLine</typ:serviceType>
              <typ:billType>OneOff</typ:billType>
              <typ:allowPart>Y</typ:allowPart>
              <typ:lowestToPay>100</typ:lowestToPay>
              <typ:highestToPay>3000.25</typ:highestToPay>
              <typ:allowOver>N</typ:allowOver>
              <typ:highestToOverPay>0</typ:highestToOverPay>
              <typ:message>This is a bill of 03/2019 :)</typ:message>
            </typ:array>
            <typ:array xsi:nil="true"/>
          </typ:billingsRec>
        </typ:paramOut>
        <typ:signature xmlns:typ="http://service/Biller_bill_upload_pull_mode.wsdl/types/">
          IIKOKsiNiiCOp72hrI+dzbKHZxEXgmKuoCO2qSn9vqSorSbHwwpRPDfdAG/29xKPeJpBN8A5ViW8
          2zUaUOfg/qfJnA0SuOnzRLQKQf5JtC0MFUsFpn+VXMVrJFMRyhufFfyqdW/zRqOIBTgesv9TVxK4
          DbHTcR+J7uOAPNnOcRtpe0MxQ5SB9fEAwrvi/UtqjCow49HuDirjoUltPR5bA4uBjVXQhcacBiXH
          DDs2TfpLJ+T7A+4tmqLG8c5vJ9+Rw3OxuhZSUjjz5RGNF4YDr7weKtZj0jG0b8AIHjB8NqI4WQqq
          RMRfsk1qM71ripHOqgKyaihC/wbbUs1f5f/i+w==</typ:signature>
        </result>
      </m:billerBillUploadPullModeResponse>
    </env:Body>
  </env:Envelope>
```



```
</env:Body>  
</env:Envelope>
```

## 2.2 Bill Payment Management

### 2.2.1 Bill Presentment

#### 2.2.1.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

#### SOAP REQUEST FOR BILLER BILL PRESENTMENT

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:bill="http://service/Biller_bill_presentment.wsdl"  
xmlns:typ="http://service/Biller_bill_presentment.wsdl/types/">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <bill:billerBillPresentment>  
      <wsRequest>  
        <typ:paramIn>  
          <typ:billerCode>BL0801</typ:billerCode>  
          <typ:bankCode>01</typ:bankCode>  
          <typ:inquiryMode>O</typ:inquiryMode>  
          <typ:billingsRec>  
            <!--Zero or more repetitions:-->  
            <typ:array>  
              <typ:billingNo>BN_0071</typ:billingNo>  
              <typ:billNo>BL_0002</typ:billNo>  
              <typ:serviceType>FixedLine</typ:serviceType>  
              <typ:dateFrom>201901010000</typ:dateFrom>  
              <typ:dateTo>201904010000</typ:dateTo>  
              <typ:incPaidBills>N</typ:incPaidBills>  
            </typ:array>  
          </typ:billingsRec>  
        </typ:paramIn>  
        <typ:signature>zrsX7gxLoC+QTRDCBjTvFv4DCuR+8+vpZQaoE3o6IbXaG8gsKsWL37p8wVNxIC1LAokQFi3rpkiz  
7Rwt8/b5kC+VkoStZTc+m2vgZAFcc67WX5JiQCHHeMTf459IDlJSXhmHrpXFvX8byMIOK5ZiLb7F  
1LqpiaB3Q7VJXIZ4YTSVFuO+Ar3InjbcjXP4W3uZU+rxFFSG7SRz0Y7ry6UI1nXr5njE37hS+VP9  
UUyuGTj/qBxbzKPCVMkpfbk6PMzoS+VlciV4EuesBr330SSU76VpZYa1UDy0Y3uUezZUaz4bAgRR  
dDIKpC1YQa4iPxVFNXwv7Fcs7UbZ+N+9x7X3rQ==</typ:signature>  
      </wsRequest>  
    </bill:billerBillPresentment>  
  </soapenv:Body>
```

```
</soapenv:Envelope>
```

## 2.2.1.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

### SOAP RESPONSE FOR BILLER BILL PRESENTMENT

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <env:Header/>
  <env:Body>
    <m:billerBillPresentmentResponse xmlns:m="http://service/Biller_bill_presentment.wsdl">
      <result>
        <typ:paramOut xmlns:typ="http://service/Biller_bill_presentment.wsdl/types/">
          <typ:errorCode>000</typ:errorCode>
          <typ:errorDescription>SUCCESSFUL</typ:errorDescription>
          <typ:billingsRec>
            <typ:array>
              <typ:billingNo>BN_0071</typ:billingNo>
              <typ:billNo>BL_0002</typ:billNo>
              <typ:billStatus>BillNew</typ:billStatus>
              <typ:dueAmount>3000.25</typ:dueAmount>
              <typ:issueDate>20190227140000</typ:issueDate>
              <typ:openDate>20190227140000</typ:openDate>
              <typ:dueDate>20190327140000</typ:dueDate>
              <typ:expiryDate>20190427140000</typ:expiryDate>
              <typ:closeDate>20190427140000</typ:closeDate>
              <typ:serviceType>FixedLine</typ:serviceType>
              <typ:billType>OneOff</typ:billType>
              <typ:allowPart>Y</typ:allowPart>
              <typ:lowestToPay>100</typ:lowestToPay>
              <typ:highestToPay>3000.25</typ:highestToPay>
              <typ:allowOver>N</typ:allowOver>
              <typ:highestToOverPay>0</typ:highestToOverPay>
              <typ:message>This is a bill of 03/2019 :)</typ:message>
            </typ:array>
            <typ:array xsi:nil="true"/>
          </typ:billingsRec>
        </typ:paramOut>
      <typ:signature
xmlns:typ="http://service/Biller_bill_presentment.wsdl/types/">llKOKsiNiiCOP72hrI+dzbKHZxEXgmKuoCO2qSn9vqSorSb
HwwpRPDfdAG/29xKPeJpBN8A5ViW8
2zUaUOfg/qfJnA0SuOnzRLQKQf5JtCOMFUsFpn+VXMVrJFMRyhuffYqdw/zRqOIBTgesv9TVxK4
DbHTcR+J7uOAPNnOcRtpe0MxQ5SB9fEAwRvi/UtqjCow49HuDirjoUltPR5bA4uBjVXQhcacBiXH
```

```
DDs2TfpLJ+T7A+4tmqLG8c5vJ9+Rw3OxuhZSUjJz5RGNF4YDr7weKtzJ0jG0b8AIHjB8Nql4WQqq
RMRfsk1qM71ripHOqgKyaihC/wbbUs1f5f/i+w==</typ:signature>
</result>
</m:billerBillPresentmentResponse>
</env:Body>
</env:Envelope>
```

## 2.2.2 Bill Payment

### 2.2.2.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

#### SOAP REQUEST FOR BILLER BILL PAYMENT

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bil="http://service/Biller_bill_payment.wsdl" xmlns:typ="http://service/Biller_bill_payment.wsdl/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <bil:billerBillPayment>
      <wsRequest>
        <typ:paramIn>
          <typ:billerCode>BL0801</typ:billerCode>
          <typ:bankCode>01</typ:bankCode>
          <typ:transRec>
            <!--Zero or more repetitions:-->
            <typ:array>
              <typ:billingNo>BN_0071</typ:billingNo>
              <typ:billNo>BL_0002</typ:billNo>
              <typ:serviceType>FixedLine</typ:serviceType>
              <typ:bankTrxId>b000187652341</typ:bankTrxId>
              <typ:EBPPSTrx>911502514807</typ:EBPPSTrx>
              <typ:stmtDate>20190425</typ:stmtDate>
              <typ:pmtStatus>PmtInProg</typ:pmtStatus>
              <typ:dueAmt>3000.25</typ:dueAmt>
              <typ:paidAmt>2000</typ:paidAmt>
              <typ:processDate>20190425224137</typ:processDate>
              <typ:accessChannel>Mobile</typ:accessChannel>
              <typ:paymentMethod>WALLET</typ:paymentMethod>
              <typ:paymentType>One-shot</typ:paymentType>
              <typ:currency>760</typ:currency>
            </typ:array>
          </typ:transRec>
        </typ:paramIn>
      </wsRequest>
    </bil:billerBillPayment>
  </soapenv:Body>
</soapenv:Envelope>
<typ:signature>KjHXDzQMffsEVLmoFUK7D6FAGuIJ4ZJoz3eD441pmtQOrYfYu+LKyi8XeK86u3EZJgJK74mLFzk6
```

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Joint-Stock Company, Nominal Capital SYP 1 billion

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# الشركة السورية للمدفوعات الإلكترونية

شركة مساهمة مغلقة رأسمالها الاسمي: مليار ليرة سورية  
تملك الدولة ممثلة بالخزينة العامة أسهمها كافة  
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```
PtuobzzVERfxFUevLu0oQzRTac08iBfPkW/6uLKmuaNWOzsdSXu+nt8W4UF+/+4dWyBrKJQGn5o/  
eeT4hTr1UI4Xzg6XDf2m3RSP6ceh4qH1bx+B12IH7aqKZWJe1DzouEUJNwt1ifspRdD75a2eGxhl  
OyXUK7XuOI1Qk5FIYTC7RVcvqhRcLNu87q8UTmInDhMUqGMCwPfQb492njRVuS6GywNEFDkbyTMI  
iczFuOGooDz3odIsmaXxVMkWpt9TL6c518iXRw==</typ:signature>  
</wsRequest>  
</bil:billerBillPayment>  
</soapenv:Body>  
</soapenv:Envelope>
```

## 2.2.2.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

### SOAP RESPONSE FOR BILLER BILL PAYMENT

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">  
<env:Header/>  
<env:Body>  
<m:billerBillPaymentResponse xmlns:m="http://service/Biller_bill_payment.wsdl">  
<result>  
<typ:paramOut xmlns:typ="http://service/Biller_bill_payment.wsdl/types/">  
<typ:errorCode>000</typ:errorCode>  
<typ:errorDescription>SUCCESSFUL</typ:errorDescription>  
</typ:paramOut>  
<typ:signature xmlns:typ="http://service/Biller_bill_payment.wsdl/types/">  
jwdFwb9/sli2oGe2kj+S8Lhkly7mLOj34uEHEjkCtXc4g9vUiz4yxVaFihvYAmDxaolMcegOj62s  
wUvpPccC3ZBqbKCvzP6K6entjOOg80rPNrLQEK9zBUgt3G574VbrU+d3Nv1IJIs1Okuj8/p1A3i  
N9ZFZ9rL2D8euk5C4fmS+3NUM+9MEXBH8ohwVf/hjra7Vho0+LGLr7qQFkHWqQQ60PBgoLILPo8  
3gFInhyB5aKYvnf5TvNsMwYTG7KWafu1fjbl+NZG1/DmZFn38ignRmYh7N0G6VK40d9YSRzdQ91u  
vvi5h70cifjRq4LDcot3u9P3b7U+tDPb2tWNSg==</typ:signature>  
</result>  
</m:billerBillPaymentResponse>  
</env:Body>  
</env:Envelope>
```

## 2.2.3 Bill Payment Notification

### 2.2.3.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

### SOAP REQUEST FOR BILLER BILL PAYMENT NOTIFICATION

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:bill="http://service/Biller_bill_payment_notif.wsdl"  
xmlns:typ="http://service/Biller_bill_payment_notif.wsdl/types/">
```

```
<soapenv:Header/>
<soapenv:Body>
  <bil:billerBillPaymentNotif>
    <wsRequest>
      <typ:paramIn>
        <typ:billerCode>BL0801</typ:billerCode>
        <typ:bankCode>01</typ:bankCode>
        <typ:transRec>
          <!--Zero or more repetitions:-->
          <typ:array>
            <typ:billingNo>BN_0071</typ:billingNo>
            <typ:billNo>BL_0002</typ:billNo>
            <typ:serviceType>FixedLine</typ:serviceType>
            <typ:bankTrxId>b000187652341</typ:bankTrxId>
            <typ:EBPPSTrx>911502514807</typ:EBPPSTrx>
            <typ:stmtDate>20190425</typ:stmtDate>
            <typ:pmtStatus>PmtNew</typ:pmtStatus>
            <typ:dueAmt>3000.25</typ:dueAmt>
            <typ:paidAmt>2000</typ:paidAmt>
            <typ:processDate>20190425224137</typ:processDate>
            <typ:accessChannel>Mobile</typ:accessChannel>
            <typ:paymentMethod>WALLET</typ:paymentMethod>
            <typ:paymentType>One-shot</typ:paymentType>
            <typ:currency>760</typ:currency>
          </typ:array>
        </typ:transRec>
      </typ:paramIn>
      <typ:signature>sPEAYHbv+G8yUsPBljyppbb81TSSw2soK6qBmktlLbhXRk3FTa+siq3Pw3dw7tS6aW6UzQVQEhJKo
1C4ukKzxfUqrEzVj+1EPD2pUJyCepjX6Tov2Lv2zIghXZ5bNKFDmNynJfmI9Js2JYioZ/laiZtRZ
y3Bq4IN7EeUSzGboKKJ+dW0G7w9/1xvPhda85qxfKZdd9SXPvG2iynKh9uVM/7iEuJCO+X4CYj9e
s9emzeT0k4F96HA2Q3GUgEEWVYitV7z8aC2LDroaME7AboS/TU6YnrU9alG0VjNd+PINCq76cVpw
FrnGeebgiO7JNr3qfjiigeAPltwnYzEgeozXbA==</typ:signature>
    </wsRequest>
  </bil:billerBillPaymentNotif>
</soapenv:Body>
</soapenv:Envelope>
```

### 2.2.3.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

#### SOAP RESPONSE FOR BILLER BILL PAYMENT NOTIFICATION

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

```
<env:Body>
  <m:billerBillPaymentNotifResponse xmlns:m="http://service/Biller_bill_payment_notif.wsdl">
    <result>
      <typ:paramOut xmlns:typ="http://service/Biller_bill_payment_notif.wsdl/types/">
        <typ:errorCode>000</typ:errorCode>
        <typ:errorDescription>SUCCESSFUL</typ:errorDescription>
      </typ:paramOut>
      <typ:signature xmlns:typ="http://service/Biller_bill_payment_notif.wsdl/types/">
jwdFwb9/sli2oGe2kj+S8Lhkly7mLOj34uEHEjkCtXc4g9vUiz4yxVaFihvYAmDxaolMcegOj62s
wUvpPcqC3ZBqBKcvzP6K6entjOOg80rPNrLQEK9zBUgt3G574VbrU+d3Nv1IJIs1Okuj8/p1A3i
N9ZFZ9rL2D8euk5C4fmS+3NUM+9MExBH8ohwVf/hjra7Vho0+LGLr7qQFkHWqQQ60PBgoLILPo8
3gFlnhyB5aKYvnf5TVNsMwYTG7KWafu1fjbl+NZG1/DmZFn38ignRmYh7N0G6VK40d9YSRzdQ91u
vvi5h70cifjRq4LDcot3u9P3b7U+tDPb2tWNSg==</typ:signature>
      </result>
    </m:billerBillPaymentNotifResponse>
  </env:Body>
</env:Envelope>
```

## 2.3 Pre-Paid Management

### 2.3.1 Pre-paid Inquiry

#### 2.3.1.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

#### SOAP REQUEST FOR BILLER PRE-PAID INQUIRY

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bil="http://service/Biller_prepaid_inquiry.wsdl"
xmlns:typ="http://service/Biller_prepaid_inquiry.wsdl/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <bil:billerPrepaidInquiry>
      <wsRequest>
        <typ:paramIn>
          <typ:billerCode>BL0801</typ:billerCode>
          <typ:bankCode>01</typ:bankCode>
          <typ:prepaidRec>
            <typ:billingNo>00212661469673</typ:billingNo>
            <typ:serviceType>Internet</typ:serviceType>
            <typ:denomination></typ:denomination>
            <typ:dueAmount>1000</typ:dueAmount>
          </typ:prepaidRec>
        </typ:paramIn>
      </wsRequest>
    </bil:billerPrepaidInquiry>
  </soapenv:Body>
  <typ:signature>hCptmO9S0zfdg5PGA5Dni3If4iS5AhKHyaJ9+oYeC1Cee/3BZJlhdX8/ukN2eLlfbQcWX/tNNP50
</typ:signature>
```

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# الشركة السورية للمدفوعات الإلكترونية

شركة مساهمة مغلقة رأسمالها الاسمي: مليار ليرة سورية  
تملك الدولة ممثلة بالخزينة العامة أسهمها كافة  
مسجلة في السجل التجاري تحت الرقم 17581

```
ZjfMOiaTtL2hHVx5afP5DPbLA0WydUsPXd5wEnr7IxZrDNgnbtyunNe9fA1rFRxQhZwxu/SahCT8
AT9dRxIzfQwl1XUbpsLm2oBmk43/IViOY1KXbqlqr9gGlsH6T+Q2V2kV70Myj64LmQ9F2vbhQ7Sq
X8J2TzUDxTzhqnIEM+qx6yPD1csyLO/gMSauUciUn3GO5kcBhEY803Ikcy1Hd0BGUSPcW62DQqGX
CcZXMfB54hITAWltUUtOdu0HN5Sx6oKBRRkuAg==</typ:signature>
</wsRequest>
</bil:billerPrepaidInquiry>
</soapenv:Body>
</soapenv:Envelope>
```

## 2.3.1.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

### SOAP RESPONSE FOR BILLER PRE-PAID INQUIRY

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <m:billerPrepaidInquiryResponse xmlns:m="http://service/Biller_prepaid_inquiry.wsdl">
      <result>
        <typ:paramOut xmlns:typ="http://service/Biller_prepaid_inquiry.wsdl/types/">
          <typ:errorCode>000</typ:errorCode>
          <typ:errorDescription>SUCCESSFUL</typ:errorDescription>
          <typ:prepaidRec>
            <typ:dueAmount>1000</typ:dueAmount>
            <typ:message>This is a message of biller :)</typ:message>
          </typ:prepaidRec>
        </typ:paramOut>
        <typ:signature xmlns:typ="http://service/Biller_prepaid_inquiry.wsdl/types/">
          OMMdudRE0YE0waeuFgHgPmlEziN25M2pB/eUISJT9E1E7gkFEpn8qByMSNFQbFoja/azvpDrztEn
          XbrkZztf3GTGzYyd6oJM2i+ttwwTXhWaXOeQsknX8nUhqoZoBEqIzSGGd7R0Y1eUeWNI7U9P9Ej
          XlaiNjhTFUJ3O3mtNSjuhHT1UaSBuZuxLdzEJ+zzDE0BuY7i/5alCkzOO7zyOxIjTXLrk75InGS
          b2WSX6YHd7d2pMurjGltD+J4k2IO0AvFQzHMYsbFz3BY2/88vejPLYAyiwWzEJjybW5dH3Qn2wD
          TkoVyET2YfcP3eFFtBZ1GAnUb5udbM2eqXYcnw==</typ:signature>
        </typ:signature>
      </result>
    </m:billerPrepaidInquiryResponse>
  </env:Body>
</env:Envelope>
```

## 2.3.2 Biller Pre-paid Payment

### 2.3.2.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

## SOAP REQUEST FOR BILLER PRE-PAID PAYMENT

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bill="http://service/Biller_prepaid_payment.wsdl"
xmlns:typ="http://service/Biller_prepaid_payment.wsdl/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <bill:billerPrepaidPayment>
      <wsRequest>
        <typ:paramIn>
          <typ:billerCode>BL0801 </typ:billerCode>
          <typ:bankCode>01 </typ:bankCode>
          <typ:transRec>
            <typ:billingNo>00212661469673 </typ:billingNo>
            <typ:serviceType>Internet </typ:serviceType>
            <typ:denomination> </typ:denomination>
            <typ:bankTrxId>b000133400423 </typ:bankTrxId>
            <typ:EBPPSTrx>911502514808 </typ:EBPPSTrx>
            <typ:stmtDate>20190426 </typ:stmtDate>
            <typ:pmtStatus>PmtInProg </typ:pmtStatus>
            <typ:dueAmt>1000 </typ:dueAmt>
            <typ:paidAmt>1025 </typ:paidAmt>
            <typ:processDate>20190426111823 </typ:processDate>
            <typ:accessChannel>Mobile </typ:accessChannel>
            <typ:paymentMethod>CASH </typ:paymentMethod>
            <typ:paymentType>One-shot </typ:paymentType>
            <typ:currency>760 </typ:currency>
          </typ:transRec>
        </typ:paramIn>
        <typ:signature>Q7P2SYJUNw48ejlR1l+3he2qPgMZG45GCt2ygF3NQOlfhoYOMFURYD1PaZ1wrHAb3u0f6r1Tlazi
QXJ6L00iW+d6kaz2fx0Qba0RuIK37hq4o0IT08OOHc9yyXPU4H1JvEfadCiVb5klk1P1pzUMuDVA
JUvTH/CPxTKOXLa2wbUhVnWnT07liPxDkX2C6jKvliM2YAhnC9XDnHoM5QhYnBUKGOHjEmnlfDPCM
BFG2al7XQ46+mOauXTd6OTyZ49r0SIHNGnSft9donQvoJoh8FUO8TpHPreTar6kPD7tv8MA/vsIh
BYkYWBICKPtAjCK9PCY5EXsI8dWPn2IsGXrEBQ== </typ:signature>
      </wsRequest>
    </bill:billerPrepaidPayment>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.3.2.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

## SOAP RESPONSE FOR BILLER PRE-PAID PAYMENT

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



```
<env:Header/>
<env:Body>
  <m:billerPrepaidPaymentResponse xmlns:m="http://service/Biller_prepaid_payment.wsdl">
    <result>
      <typ:paramOut xmlns:typ="http://service/Biller_prepaid_payment.wsdl/types/">
        <typ:errorCode>000</typ:errorCode>
        <typ:errorDescription>SUCCESSFUL</typ:errorDescription>
      </typ:paramOut>
      <typ:signature
xmlns:typ="http://service/Biller_prepaid_payment.wsdl/types/">fad1wjMFJbXpvWqczDsvM/2cTRSVo1JVyfx4E1hgHflnZrd
AYXsUwaS6BBZjfF6QxHCu/FT3ZyH
mFbwLsSmemZ2Djbb3K/epcqKA9TYh7ggjpw6gMpXw8pKW1kj6PUhINZXn4y98p4I43lrUhLR8/Po
48rnmcRxyGCrMzXHhO2yUi0BoXdH1NuKTZM8MIZ9uACemoxr07+W6f9DNKhvndGndLURySGIHGnD
s9KaVzDS1/Baekfoon9NlyBE7ARa8I5PL8wkROn+wlxmcXIU1XF6rk0nw26KAejvwTG0g4CiGz24
kr+I0jXOD+It0oMLLUI4hWZTDzYMrnn6sYJTsQ==</typ:signature>
    </result>
  </m:billerPrepaidPaymentResponse>
</env:Body>
</env:Envelope>
```

## 2.3.3 Biller Pre-Paid Payment Notification

### 2.3.3.1 SOAP Request

Below is an example of SOAP XML request to be sent by SEP Gateway to Biller:

#### SOAP REQUEST FOR BILLER PRE-PAID PAYMENT NOTIFICATION

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:bil="http://service/Biller_prepaid_payment_notif.wsdl"
xmlns:typ="http://service/Biller_prepaid_payment_notif.wsdl/types/">
  <soapenv:Header/>
  <soapenv:Body>
    <bil:billerPrepaidPaymentNotif>
      <wsRequest>
        <typ:paramIn>
          <typ:billerCode>BL0801</typ:billerCode>
          <typ:bankCode>01</typ:bankCode>
          <typ:transRec>
            <typ:billingNo>00212661469673</typ:billingNo>
            <typ:serviceType>Internet</typ:serviceType>
            <typ:denomination></typ:denomination>
            <typ:bankTrxId>b000133400423</typ:bankTrxId>
            <typ:EBPPSTrx>911502514808</typ:EBPPSTrx>
            <typ:stmtDate>20190426</typ:stmtDate>
          </typ:transRec>
        </typ:paramIn>
      </wsRequest>
    </bil:billerPrepaidPaymentNotif>
  </soapenv:Body>
</soapenv:Envelope>
```

```
<typ:pmtStatus>PmtNew</typ:pmtStatus>
<typ:dueAmt>1000</typ:dueAmt>
<typ:paidAmt>1025</typ:paidAmt>
<typ:processDate>20190426111823</typ:processDate>
<typ:accessChannel>Mobile</typ:accessChannel>
<typ:paymentMethod>CASH</typ:paymentMethod>
<typ:paymentType>One-shot</typ:paymentType>
<typ:currency>760</typ:currency>
</typ:transRec>
</typ:paramIn>
<typ:signature>vv6yJTUbq/vxmhwymyVWX+6ev4j+m7L+rohLkNHENMVAul/pduN9OCzP//95FbLvFYDUzi757IUI
Vivn1z6pkC279pw3B90hKohlhpDZzlpX082EalzRxrXaMg2n6lv02LlqSCOFABLyfB4hGg/KWOXY
7gXf+IhL1olhohaTDYZ2UXIKEc7whasjLy/uEc9q1s3CKjCgxsiaheccwvh/omCzywZghqMQQ4X
1fDpEWdQ0Bb9WUce3nbLW8gpKCCbXQRhAXUekEcTyijXn/TQPi3RUv8YbD7M1tZtu6AZMI/u1q6R
LX2iRjVKlxSzJzcUpfwYDmv/UPrO7mpV7Af4Zw==</typ:signature>
</wsRequest>
</bil:billerPrepaidPaymentNotif>
</soapenv:Body>
</soapenv:Envelope>
```

### 2.3.3.2 SOAP Response

Below is an example of SOAP XML response that is prepared and signed by Biller and sent to Sep Gateway:

#### SOAP RESPONSE FOR BILLER PRE-PAID PAYMENT NOTIFICATION

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header/>
  <env:Body>
    <m:billerPrepaidPaymentNotifResponse xmlns:m="http://service/Biller_prepaid_payment_notif.wsdl">
      <result>
        <typ:paramOut xmlns:typ="http://service/Biller_prepaid_payment_notif.wsdl/types/">
          <typ:errorCode>000</typ:errorCode>
          <typ:errorDescription>SUCCESSFUL</typ:errorDescription>
        </typ:paramOut>
        <typ:signature xmlns:typ="http://service/Biller_prepaid_payment_notif.wsdl/types/">
          fad1wjMFJbXpvWqczDsvM/2cTRSvo1JVyfx4E1hgHflInZrdAYXsUwaS6BBZjjF6QxHCu/FT3ZYh
          mFbwLsSmemZ2Djbb3K/epcqKA9TYh7ggjpw6gMpXw8pKW1kj6PUhINZxN4y98p4143lrUhLR8/Po
          48rnmCRxgYCrMzXHhO2yUi0BoXdH1NuKTZM8MIZ9uACemoxr07+W6f9DNKhvndGndLURySGIHGnd
          s9KaVzDS1/Baekfoon9NlyBE7ARa815PL8wkRON+wIxmCXIU1XF6rk0nw26KAeJvwTG0g4CiGz24
          kr+I0jXOD+It0oMLLUI4hWZTDzYMrnn6sYJTsQ==</typ:signature>
        </result>
      </m:billerPrepaidPaymentNotifResponse>
    </env:Body>
  </env:Envelope>
```

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تملك الدولة ممثلة بالخرزينة العامة أسهمها كافة  
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