CG Gateway Invoice Integration XML API With EzCount

Version: 1.0

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1. General

1.1 CG Gateway offers vast functionality for clearing credit card transactions.

1.2 CG Gateway API allows you to produce financial invoicing and financial documents as part of the doDeal, refundDeal & cancelDeal commands and also when using addCgInvoice & cancelCgInvoice commands..

1.3 When suppling the appropriate invoice details, invoices are generated automatically using Hyp's invoicing solution - "EZCount".

1.4 In addition the merchant can manage the created documents via EZCount portal.

1.5 The invoice format is fixed, yet the invoice may contain a pre-set company logo.

1.6 The system support invoice generation in Hebrew. In the future the system will support generation in English as well.

1.7 The following document will describe the invoice creation API.

2. Related Documents

2.1 This document assumes prior knowledge of CG Gateway XML API.

2.2 The full API description is available in the "CG Gateway XML API" latest version.

3. Invoice Creation

3.1 General

3.1.1 This section details the added XML tags necessary for invoice creation.

3.1.2 Invoice creation happens when a successful doDeal command is performed with appropriate additional invoice data section

3.2 Request

```
<ashrait>
        <request>
                <command>doDeal</command>
                <requestId/>
                <dateTime/>
                <version/>
                <language/>
                <doDeal>
                        ...
                        <invoice>
                                <invoiceCreationMethod/>
                                <invoiceDate/>
                                <invoiceSubject/>
                                <invoiceDiscount/>
                                <invoiceDiscountRate/>
                                <invoiceItemCode/>
                                <invoiceItemDescription/>
                                <invoiceItemQuantity/>
                                <invoiceItemPrice/>
                                <invoiceTaxRate/>
                                <invoiceComments/>
                                <companyInfo/>
                <sendMail/>
                                <mailTo/>
                                <isItemPriceWithTax/>
                                <ccDate/>
                                <invoiceSignature/>
                                <invoiceType/>
                                <DocNotMaam/>
                        </invoice>
                </doDeal>
        </request>
</ashrait>
```

3.2.1 Request Tags:

TAG	Format	Mandatory	Remark
Invoice		Yes	Parent tag for invoice creation
invoiceCreationMethod	post|wait	Yes	post – a-synchronous invoice creation with immediate response. wait – synchronous invoice creation.
invoiceDate	YYYY-MM-DD	Yes	Invoice Date – Default is current date
invoiceSubject	Alpha Numeric and Space (255)	Yes	Invoice subject
invoiceDiscount	Numeric	No	Invoice discount in agorot/cents – default is 0
invoiceDiscountRate	Percentage XXX.XX	No	Invoice discount percent – default is 0.00
invoiceItemCode	Numeric (500)	Yes	Item Code (makat)
invoiceItemDescription	Alpha Numeric and Space (500)	Yes	Item description
invoiceItemQuantity	Numeric XXX.XX	Yes	Item quantity
invoiceItemMaam	Numeric 0|1		Pre item 1 – show item with mamm 0 – show item without maamm
invoiceItemPrice	Numeric (500)	Yes	Item price in agorot/cents
invoiceTaxRate	Percentage XXX.XX	No	Item tax rate (percentage)
invoiceComments	Alpha Numeric and Space (255)	No	Invoice comments
companyInfo	Alpha Numeric and Space (255)	Yes	Customer full details
ua_uuid	uuid	No	if you want to create a document on behalf of one of the accounts of the company (in case you have multiple

			businesses under the same user id)
mailTo	Char (80) x@x.x	Yes	Mailing address for automatic invoice sending
sendMail	Numeric 0|1	No	Indication whether send mail with an invoice to end user.
isItemPriceWithTax	Numeric 0|1	Yes	Indication whether the item price include tax
ccDate	YYYY-MM-DD	Yes	Payment date
invoiceSignature	Binary base 64 data	No	Signature gif (FFU) – not supported at the moment.
invoiceType	Possible values: tax taxreceipt receipt receiptdonation order pricequote incomesplitting contributionwithin co invoicetransaction transactionaccou nt	No	The invoice type. The tag is NOT mandatory, and when absent the type will be taken from the configuration. This field is supported when the invoice vendor is EZCOUNT.
DocNotMaam	Numeric 0|1	No	Indication whether the tax fields are include in the invoice display. Value: 1 – tax included Value 2: – tax not included isItemPriceWithTax should be with value 0 when DocNotMaam is 1. When DocNotMaam is absent the gateway behaves as DocNotMaam=1 (Default value)
DocRemark	Alpha Numeric and Space (255)	No	Invoice general description/remark.

			This field is supported when the invoiceType equels "*receipt*"
clientOsekNum	Numeric (9)	No	"מספר עוסק" of the client, numeric string. Optional.
clientAddress	Alpha Numeric (60)	No	Address of the client the document is being issued to. Compulsory, use an empty string when data is not available. Max length 60 symbols.

3.2.2 Item Support

3.2.2.1 Creating an invoice with multiple items is possible provided that the following four fields maintain the same item count separated by the pipe symbol ('|'):

3.2.2.1.1 invoiceItemCode

3.2.2.1.2 invoiceItemDescription

3.2.2.1.3 invoiceItemQuantity

3.2.2.1.4 invoiceItemPrice

3.2.2.1.5 invoiceItemMaam

For example invoice with two items:

```
<invoiceItemCode>11010|551</invoiceItemCode>
<invoiceItemDescription>1 שם פריט|2 שם פריט<invoiceItemDescription>
<invoiceItemQuantity>3|2<invoiceItemQuantity>


<invoiceItemPrice>1500|2000</invoiceItemPrice>
< invoiceItemMaam>1|0</ invoiceItemMaam>
```

3.2.3 Amount Total Validation

3.2.3.1 In order to produce a valid invoice amount validation is performed.

3.2.3.2 If amount validation fails the invoice creation will fail.

3.2.3.3 Method of to calculate:

```
invoiceItemPrice* invoiceItemQuantity = total
```

For some items:

```
     (invoiceItemPrice * invoiceItemQuantity) +
(invoiceItemPrice *                invoiceItemQuantity) =
total
```

3.2.4 Discount Management:

3.2.4.1 When using a discount in the invoice creation Only one of the two following variables may be set:

3.2.4.1.1 invoiceDiscount

3.2.4.1.2 invoiceDiscountRate

3.2.4.2 Method of to calculate

```
     invoiceItemPrice * invoiceItemQuantity - invoiceDiscount
= total
     invoiceItemPrice * invoiceItemQuantity * (100 –
invoiceDiscountRate)
     / 100 = total
```

Example For two items:

```
           total = 99 (Item price and invoice discount in
agorot)
           <invoiceDiscount>1100<invoiceDiscount>
           <invoiceItemQuantity>2|2<invoiceItemQuantity>
           <invoiceItemPrice>4000|1500</invoiceItemPrice>
            Or:
           <invoiceDiscountRate>10.00<invoiceDiscountRate>
           <invoiceItemQuantity>2|2<invoiceItemQuantity>
           <invoiceItemPrice>4000|1500</invoiceItemPrice>
```

3.2.5 Using with a tax in the invoice:

3.2.5.1 This is possible by using with only one variable: isItemPriceWithTax.

3.2.5.2 The indication affects the amounts fields: invoiceItemPrice, invoiceDiscount.

3.2.5.3 May be set isItemPriceWithTax = 0 - the amount without tax or isItemPriceWithTax = 1 – the amount with tax.

Method of to calculate:

```
   (100 + tax) / 100 = amount with tax

   invoiceItemPrice For example: invoiceItemPrice with tax =
50, tax = 18%:
   50 / 1.18 = 42.37 = invoiceItemPrice without tax

   invoiceDiscount for example: invoiceDiscount with tax = 22
, tax = 18%:
```

```
    118/100 = 22 -> 22 / 1.18 = 18.64 = invoiceDiscount
without tax
```

3.2.6 Anyway, transaction is performed even if invoice creation fails

3.3 Response

```
<ashrait>
    <response>
         <command>doDeal</command>
         <requestId/>
         <dateTime/>
         <version/>
         <language/>
         <tranId/>
         <result/>
         <message/>
         <userMessage/>
         <additionalInfo/>
         <doDeal>
               ...
                <invoice>
                      <invoiceAtranId/>
                      <invoiceCreationMethod/>
                      <invoiceResponseCode/>
                      <invoiceResponseName/>
                      <invoiceDocNumber/>
                      <invoiceDocUrl/>
                      <invoiceCreationDate/>
                      <mailTo/>
                      <invoiceCreationCode/>
                </invoice>
         </doDeal>
    </response>
</ashrait>
```

3.3.1 Response Tags:

TAG	Format	Remark
Invoice		Parent tag for invoice creation
invoiceAtranId	Numeric	Related transaction identifier
invoiceCreationMethod	post|wait	Sent creation method is retrieved
invoiceResponseCode	Numeric	Invoice vendor creation response code (100=success)
invoiceResponseName	Char (255)	Invoice vendor creation response text

invoiceDocNumber	Char(255)	Invoice vendor assigned invoice identification.
invoiceDocUrl	Char (1024)	Invoice URL for invoice browsing
invoiceCreationDate	Epoch	Invoice creation date.
mailTo	Char(50)	Email address
invoiceCreationCode	Numeric	Invoice creation code.

3.1 The following is XML example for automatic creation of an invoice within an existing XML API call:

Request

```
<ashrait>
     <request>
           <version>1000</version>
           <language>Eng</language>
           <command>doDeal</command>
           <requestId>YYYYYY</requestId>
           <doDeal>
                 <currency>ILS</currency>
                 <cardExpiration>1212</cardExpiration>
                 <user>user data here</user>
                 <terminalNumber>XXXXXXX</terminalNumber>
                 <validation>AutoComm</validation>
                 <transactionCode>Phone</transactionCode>
                 <creditType>RegularCredit</creditType>
                 <authNumber>XXXXXX</authNumber>
                 <transactionType>Debit</transactionType>
                 <total>44000</total>
                 <cardNo>4580458045804580</cardNo>
                 <invoice>

     <invoiceCreationMethod>wait</invoiceCreationMethod>
                       <invoiceDate/>
                       <invoiceSubject> חשבונית
דוגמא<invoiceSubject>
                       <invoiceDiscount>10</invoiceDiscount>
                       <invoiceDiscountRate/>

     <invoiceItemCode>11010</invoiceItemCode>
                       <invoiceItemDescription> שם
פריט<invoiceItemDescription>

     <invoiceItemQuantity>3<invoiceItemQuantity>

     <invoiceItemPrice>150</invoiceItemPrice>
                       <invoiceTaxRate/>
                       <invoiceComments> הערה
לחשבונית</invoiceComments>
                       <companyInfo>שם לקוח </companyInfo>

     <mailTo>Israel.israeli@hyp.co.il</mailTo>
                       <sendMail>1</sendMail>
```

```
    <isItemPriceWithTax>1</isItemPriceWithTax>
                  <ccDate>2015-01-04</ccDate>
                  <invoiceSignature/>
            </invoice>
        </doDeal>
    </request>
</ashrait>
```

3.2 Response

```
<ashrait>
    <response>
        <command>doDeal</command>
        <dateTime>2010-08-12 15:30</dateTime>
        <requestId>YEFUK5J41</requestId>
        <tranId>7114612</tranId>
        <result>000</result>
        <message>Permitted transaction.</message>
        <userMessage>Permitted transaction.</userMessage>
        <additionalInfo/>
        <version>1000</version>
        <language>ENG</language>
        <doDeal>
            <status>000</status>
            <statusText>Permitted
transaction.</statusText>
            <terminalNumber>XXXX</terminalNumber>
            <cardNo>XXXXXXXXXXXX4580</cardNo>
            <cardName/>
            <cardExpiration>1212</cardExpiration>
            <cardType code="0">Local</cardType>
            <creditCompany code="22">Visa</creditCompany>
            <cardBrand code="2">Visa</cardBrand>
            <cardAcquirer code="2">Visa</cardAcquirer>
            <serviceCode>000</serviceCode>
            <transactionType
code="02">AuthDebit</transactionType>
            <creditType
code="1">RegularCredit</creditType>
            <currency code="ILS">ILS</currency>
            <transactionCode
code="50">Phone</transactionCode>
            <total>44000</total>
            <balance>        </balance>
            <starTotal>0</starTotal>
            <firstPayment/>
            <periodicalPayment/>
            <numberOfPayments/>
            <clubId/>
            <clubCode>0</clubCode>
            <validation code="4">AutoComm</validation>
            <commReason code=" ">NoComm</commReason>
            <idStatus code="3">NotValidated</idStatus>
            <cvvStatus code="0">Absent</cvvStatus>
            <authSource code="3">VoiceMail</authSource>
            <authNumber>XXXXX</authNumber>
            <fileNumber>44</fileNumber>
```

```
                  <slaveTerminalNumber></slaveTerminalNumber>

     <slaveTerminalSequence></slaveTerminalSequence>
                  <creditGroup/>
                  <pinKeyIn>0</pinKeyIn>
                  <pfsc>0</pfsc>
                  <eci>0</eci>
                  <cavv code=" "/>
                  <user>user data here</user>
                  <addonData/>
                  <supplierNumber>ZZZZZZZ</supplierNumber>
                  <intIn>XXXXXXXXXXXX</intIn>
                  <intOt>YYYYYYYYYYYY</intOt>
                  <invoice>

     <invoiceAtranId>7114612</invoiceAtranId>

     <invoiceCreationMethod>wait</invoiceCreationMethod>

     <invoiceResponseCode>100</invoiceResponseCode>

     <invoiceResponseName>Success</invoiceResponseName>

     <invoiceDocNumber>85980</invoiceDocNumber>

<invoiceDocUrl>https://api.ezcount.co.il/front/documents/get/
bfcc449a-4fe2-4472-ba63-42a777d3821c/copy</invoiceDocUrl>

     <invoiceCreationDate>1424952894</invoiceCreationDate>

     <mailTo>isreal.israeli@hyp.co.il</mailTo>

     <invoiceCreationCode>000</invoiceCreationCode>
                  </invoice>
            </doDeal>
      </response>
</ashrait>
```


4. Credit Transactions

4.1 Credit transactions are treated the same as regular transactions.

4.2 When using the API, the merchant should send **invoiceItemPrice as negative amount.**

5. Overriding invoice supplier account details in the request

5.1 When creating an invoice the CGGateway forward the invoice request to the relevant invoice vendor.

5.2 The authentication parameters to the invoice vendor/provider are determined from the pre-configured terminal parameters of the terminal number that is included in the request.

5.3 Hence these pre-configured terminal parameters are the default parameters for the actual terminal.

5.4 If needed you can override these default parameters if supplying them as additional parameters as part of the <invoice> in the "doDeal" request.

5.5 Request example:


```
<ashrait>
    <request>
        <version>1000</version>
        <language>HEB</language>
        <command>doDeal</command>
        <doDeal>
            <currency>ILS</currency>
            <cardExpiration>1216</cardExpiration>
            <user>userdatahere</user>
            <terminalNumber>0962831</terminalNumber>
            <validation>AutoComm</validation>
            <transactionCode>Phone</transactionCode>
            <creditType>RegularCredit</creditType>
            <authNumber>12345</authNumber>
            <transactionType>Debit</transactionType>
            <total>11000</total>
            <cardNo>XXXXXXXXXX4580</cardNo>
            <invoice>
<invoiceVendorUser>XXXXXXXXXX</invoiceVendorUser>

<invoiceVendorKey>XXXXXXXXXX</invoiceVendorKey>
                <invoiceEsekNumber>750036</invoiceEsekNumber>

<invoiceClientNumber>200000</invoiceClientNumber>

<invoiceCreationMethod>wait</invoiceCreationMethod>
                <invoiceDate></invoiceDate>

<invoiceSubject>subjectchar255</invoiceSubject>
                <invoiceDiscount></invoiceDiscount>
                <invoiceDiscountRate></invoiceDiscountRate>
                <invoiceItemCode>1|2|3</invoiceItemCode>

<invoiceItemDescription>descriptionchar|desc2100|sss
                 </invoiceItemDescription>

<invoiceItemQuantity>3|2|1</invoiceItemQuantity>

<invoiceItemPrice>2000|2000|1000</invoiceItemPrice>
                <clientAddress>client address</clientAddress>
                <invoiceTaxRate></invoiceTaxRate>

<GeneralRemark>GeneralddfRemark</GeneralRemark>
                <DocTypeRemark>DocTypeRemark</DocTypeRemark>
                <DocRemark>DoctestRemark</DocRemark>

<invoiceComments>drxdlgyaepiz</invoiceComments>
```

```
<companyInfo>0962922inveriphonpost</companyInfo>
                <mailTo>goldyz@hyp.co.il</mailTo>
                <sendMail>1</sendMail>
                <isItemPriceWithTax>1</isItemPriceWithTax>
                <DocNotMaam></DocNotMaam>
                <ccDate>2016-02-10</ccDate>
                <invoiceType></invoiceType>
            </invoice>
        </doDeal>
    </request>
</ashrait>
```

6. Invoice Query

6.1 General

6.1.1 One might want to query the system for invoice status.

6.1.2 This can be performed using the inquireInvoice command.

6.1.3 All invoice related attributes will be returned as stored at CG Gateway.

6.1.4 This might be useful when using the “post” method for invoice creation (a-synchronous creation) and querying the system at a later time for invoice details.

6.2 Request

```
<ashrait>
     <request>
           <command>inquireInvoice</command>
           <requestId/>
           <dateTime/>
           <version/>
           <language/>
           <inquireInvoice>
                 <invoice>

     <invoiceAtranId>9892810</invoiceAtranId>
                 </invoice>
           </inquireInvoice>
     </request>
</ashrait>
```

6.3 Response

```
<ashrait>
     <request>
         <command>inquireInvoice</command>
         <requestId/>
         <dateTime/>
         <version/>
         <language/>
         <result/>
         <message/>
           <inquireInvoice>
                 <invoice>

     <invoiceAtranId>9892810</invoiceAtranId>

     <invoiceCreationMethod>post|wait</invoiceCreationMethod>
```

```
                        <invoiceResponseCode/>
                        <invoiceResponseName/>
                        <invoiceDocNumber/>
                        <invoiceDocUrl/>
                        <invoiceCreationDate/>
                        <mailTo/>
                        <invoiceCreationCode/>
                  </invoice>
            </inquireInvoice>
      </request>
</ashrait>
```

7. Invoice Creation in Cancel or Refund Deal

7.1 General

7.1.1 This section describes a cancel or refund deal.

7.1.1.1 For more information about cancel or refund deals please refer to the related document.

7.1.2 When performing a cancel deal or a refund deal one may add the invoice request tags (describes above) in order to create an invoice.

7.1.3 When a cancel invoice was created another invoice segment will appear in the CG Console transactions log for the original transaction. Meaning the original transaction will have both original invoice and canceled invoice.

7.1.4 Additional request tags for cancel or refund deal:

TAG	Format	Remark
createInvoice	numeric	This tag is only relevant to cancelDeal or refundDeal commands 0 – Do not create invoice. 1 – Create invoice by copying the values of the original invoice. 2 – Create invoice by values provided in the request. When this value is not inserted it will be considered as 0 and will not create an invoice.

7.1.5 When performing a refund deal with an amount that is different than the original amount (partial refund) and the createInvoice value is set to 1. The system will create an invoice with 1 generic refund item. The item name will be "partial refund".

7.1.6 The system cannot create invoice when trying to cancel a credit transaction.

7.1.7 The system cannot create an invoice using original transaction values if the invoice of the original transaction was unsuccessful.

7.2 Cancel Request – do not create an invoice

```
<ashrait>
     <request>
     <command>cancelDeal</command>
     <requestid/>
     <dateTime>
     </dateTime>
     <version>1000</version>
     <language>EN</language>
     <cancelDeal>
           ...
           <invoice>
                 <createInvoice>0</createInvoice>
           </invoice>
     </cancelDeal>
     </request>
</ashrait>
```

7.3 Cancel Request – create invoice with original invoice values.

```
<ashrait>
     <request>
     <command>cancelDeal</command>
     <requestid/>
     <dateTime>
     </dateTime>
     <version>1000</version>
     <language>EN</language>
     <cancelDeal>
           ...
           <invoice>
                 <createInvoice>1</createInvoice>
           </invoice>
     </cancelDeal>
     </request>
</ashrait>
```

7.4 Cancel Response

```xml
<ashrait>
    <response>
         <command>cancelDeal</command>
         <requestId/>
         <dateTime/>
         <version/>
         <language/>
         <tranId/>
         <result/>
         <message/>
         <userMessage/>
         <additionalInfo/>
         <cancelDeal>
               ...
                <invoice>
                      <invoiceAtranId/>
                      <invoiceCreationMethod/>
                      <invoiceResponseCode/>
                      <invoiceResponseName/>
                      <invoiceDocNumber/>
                      <invoiceDocUrl/>
                      <invoiceCreationDate/>
                      <mailTo/>
                      <invoiceCreationCode/>
                </invoice>
         </cancelDeal>
    </response>
</ashrait>
```

7.5 **Refund Request – do not create an invoice**

```xml
<ashrait>
     <request>
     <command>refundDeal</command>
     <requestid/>
     <dateTime>
     </dateTime>
     <version>1000</version>
     <language>EN</language>
     <refundDeal>
           ...
           <invoice>
                 <createInvoice>0</createInvoice>
           </invoice>
```

```
    </refundDeal>
    </request>
</ashrait>
```

7.6 Refund Request – create invoice with original invoice values.

```
<ashrait>
    <request>
    <command>refundDeal</command>
    <requestid/>
    <dateTime>
    </dateTime>
    <version>1000</version>
    <language>EN</language>
    <refundDeal>
          ...
          <invoice>
                <createInvoice>1</createInvoice>
          </invoice>
    </refundDeal>
    </request>
</ashrait>
```

7.7 Refund Request – create invoice by values provided in the request.

```
<ashrait>
    <request>
    <command>refundDeal</command>
    <requestid/>
    <dateTime>
    </dateTime>
    <version>1000</version>
    <language>EN</language>
    <refundDeal>
          ...
          <invoice>
                <createInvoice>2</createInvoice>
                      <invoiceCreationMethod/>
                      <invoiceDate/>
                      <invoiceSubject/>
                      <invoiceDiscount/>
                      <invoiceDiscountRate/>
                      <invoiceItemCode/>
                      <invoiceItemDescription/>
                      <invoiceItemQuantity/>
                      <invoiceItemPrice/>
                      <invoiceTaxRate/>
                      <invoiceComments/>
                      <companyInfo/>
                      <sendMail/>
```

```
                        <mailTo/>
                        <isItemPriceWithTax/>
                        <ccDate/>
                        <invoiceSignature/>
                        <invoiceType/>
            </invoice>
      </refundDeal>
      </request>
</ashrait>
```

7.8 Refund Response


```
<ashrait>
    <response>
         <command>refundDeal</command>
         <requestId/>
         <dateTime/>
         <version/>
         <language/>
         <tranId/>
         <result/>
         <message/>
         <userMessage/>
         <additionalInfo/>
         <refundDeal>
               ...
                <invoice>
                      <invoiceAtranId/>
                      <invoiceCreationMethod/>
                      <invoiceResponseCode/>
                      <invoiceResponseName/>
                      <invoiceDocNumber/>
                      <invoiceDocUrl/>
                      <invoiceCreationDate/>
                      <mailTo/>
                      <invoiceCreationCode/>
                </invoice>
         </refundDeal>
    </response>
</ashrait>
```

8. Send cgInvoice request without transaction:

8.1 The following is XML example for automatic creation of an invoice within an existing XML API call:

8.1.1 addCgInvoice for doDeal transaction

8.1.1.1 Request


```
<ashrait>
     <request>
           <version>1000</version>
           <language>Eng</language>
           <command>addCgInvoice</command>
           <requestId>YYYYYY</requestId>
           <addCgInvoice>
                 <invoiceAtranId>XXXXX</invoiceAtranId>
                 <invoice>

     <invoiceCreationMethod>wait</invoiceCreationMethod>
                       <invoiceDate/>
                       <invoiceSubject> חשבונית
דוגמא</invoiceSubject>
                       <invoiceDiscount>10</invoiceDiscount>
                       <invoiceDiscountRate/>

     <invoiceItemCode>11010</invoiceItemCode>
                       <invoiceItemDescription> שם
פריט</invoiceItemDescription>

     <invoiceItemQuantity>3</invoiceItemQuantity>

     <invoiceItemPrice>150</invoiceItemPrice>
                       <invoiceTaxRate/>
                       <invoiceDiscountRate/>
                       <invoiceComments> הערה
לחשבונית</invoiceComments>
                       <companyInfo>שם לקוח </companyInfo>
                      <sendMail>1</sendMail>

     <mailTo>Israel.israeli@hyp.co.il</mailTo>

     <isItemPriceWithTax>1</isItemPriceWithTax>
                       <ccDate>2015-01-04</ccDate>
                       <invoiceSignature/>
                 </invoice>
           </addCgInvoice>
     </request>
</ashrait>
```

8.1.1.2 Response


```
<ashrait>
     <response>
           <command>addCgInvoice</command>
           <dateTime>2010-08-12 15:30</dateTime>
           <requestId>YEFUK5J41</requestId>
           <tranId>7114612</tranId>
           <result>000</result>
           <message>Permitted transaction.</message>
           <userMessage>Permitted transaction.</userMessage>
           <additionalInfo/>
           <version>1000</version>
           <language>ENG</language>
           <addCgInvoice>
                 <invoice>

     <invoiceAtranId>7114612</invoiceAtranId>

     <invoiceCreationMethod>wait</invoiceCreationMethod>

     <invoiceResponseCode>100</invoiceResponseCode>

     <invoiceResponseName>Success</invoiceResponseName>

     <invoiceDocNumber>85980</invoiceDocNumber>
                       <invoiceDocUrl>
https://api.ezcount.co.il/front/documents/get/bfcc449a-4fe2-
4472-ba63-42a777d3821c/copy
     </invoiceDocUrl>
                       <invoiceCreationDate>2011-02-09
19:27:31</invoiceCreationDate>

     <mailTo>isreal.israeli@hyp.co.il</mailTo>

     <invoiceCreationCode>000</invoiceCreationCode>
                 </invoice>
           </addCgInvoice>
     </response>
</ashrait>
```

8.1.2 refundCgInvoice for refundDeal/ cancelDeal transaction

8.1.2.1 refundCgInvoice Request with full refundDeal

```
<ashrait>
     <request>
           <version>1000</version>
           <language>Eng</language>
           <command>refundCgInvoice</command>
           <requestId>YYYYYY</requestId>
           <refundCgInvoice>
                 <invoiceAtranId>XXXXX</invoiceAtranId>
                 <invoice>
                       <createInvoice>1</createInvoice>
                 </invoice>
           </refundCgInvoice>
     </request>
</ashrait>
```

8.1.2.2 Response

```
<ashrait>
     <response>
           <command>refundCgInvoice</command>
           <dateTime>2010-08-12 15:30</dateTime>
           <requestId>YEFUK5J41</requestId>
           <tranId>7114612</tranId>
           <result>000</result>
           <message>Permitted transaction.</message>
           <userMessage>Permitted transaction.</userMessage>
           <additionalInfo/>
           <version>1000</version>
           <language>ENG</language>
           <refundCgInvoice>
                 <invoice>

     <invoiceAtranId>7114612</invoiceAtranId>

     <invoiceCreationMethod>wait</invoiceCreationMethod>

     <invoiceResponseCode>100</invoiceResponseCode>

     <invoiceResponseName>Success</invoiceResponseName>

     <invoiceDocNumber>85980</invoiceDocNumber>
                       <invoiceDocUrl>
https://api.ezcount.co.il/front/documents/get/bfcc449a-4fe2-
4472-ba63-42a777d3821c/copy
     </invoiceDocUrl>
                       <invoiceCreationDate>2011-02-09
19:27:31</invoiceCreationDate>

     <mailTo>isreal.israeli@hyp.co.il</mailTo>

     <invoiceCreationCode>000</invoiceCreationCode>
                 </invoice>
           </refundCgInvoice>
     </response>
</ashrait>
```

8.1 **refundCgInvoice Request – create invoice by values provided in the new request use in partial refund Deal.**

```
<ashrait>
     <request>
     <command>refundCgInvoice</command>
     <requestid/>
     <dateTime>
     </dateTime>
     <version>1000</version>
     <language>EN</language>
     <refundCgInvoice>
           ...
           <invoice>
                 <createInvoice>2</createInvoice>
                       <invoiceCreationMethod/>
                       <invoiceDate/>
                       <invoiceSubject/>
                       <invoiceDiscount/>
                       <invoiceDiscountRate/>
                       <invoiceItemCode/>
                       <invoiceItemDescription/>
                       <invoiceItemQuantity/>
                       <invoiceItemPrice/>
                       <invoiceTaxRate/>
                       <invoiceComments/>
                       <companyInfo/>
                       <sendMail/>
                       <mailTo/>
                       <isItemPriceWithTax/>
                       <ccDate/>
                       <invoiceSignature/>
                       <invoiceType/>
           </invoice>
     </refundCgInvoice>
     </request>
</ashrait>
```

8.2 refundCgInvoice Response

```
<ashrait>
    <response>
         <command>refundCgInvoice</command>
         <requestId/>
         <dateTime/>
         <version/>
         <language/>
         <tranId/>
         <result/>
         <message/>
         <userMessage/>
         <additionalInfo/>
         <refundCgInvoice>
               ...
                <invoice>
                      <invoiceAtranId/>
                      <invoiceCreationMethod/>
                      <invoiceResponseCode/>
                      <invoiceResponseName/>
                      <invoiceDocNumber/>
                      <invoiceDocUrl/>
                      <invoiceCreationDate/>
                      <mailTo/>
                      <invoiceCreationCode/>
                </invoice>
         </refundCgInvoice>
    </response>
</ashrait>
```

9. Invoice Module Error Codes

9.1 All invoice related codes will be returned in the invoiceResponseCode and invoiceResponseName tags.

9.2 Error Codes & text

9.2.1 CG Gateway invoice Error Codes

Code	Value	Heb Text
668	Cannot Create Invoice	לא ניתן ליצור חשבונית
669	Currency not supported for invoice creation	לא ניתן ליצור חשבונית למטבע זה
670	Invoice Validation Failed	לא ניתן ליצור חשבונית – ערך לא תקין
671	Invoice not found	חשבונית לא נמצאה

9.2.2 Invoice vendor response codes:

Code	Value	Meaning
100	Success	completed successfully
101	UsernameInvalid	attempted transaction with invalid username
102	CompanyCodeAlreadyExists	attempted to create a company with an existing company code
103	CompanyCodeDoesNotExist	company code does not exit
104	CompanyCodeInvalidFormat	company code format is not numeric
105	DocumentInvalidSubject	subject line is invalid
106	DocumentDoesNotExit	document number was not found
107	SendEmailAborted	e-mailing document failed
108	EmailInvalid	invalid e-mail format
109	CultureInvalid	invalid culture
110	KeyInvalid	invalid key
111	AccountExpired	account has expired
112	DocumentInvalidItemNumber	multiple items in an invoice are in the wrong format
113	DocumentInvalidQuantity	quantity format is not numeric
114	DocumentInvalidPrice	price format is not numeric
116	DocumentDoesNotExistForSpecifiedCompany	the specified document doesn't exist or is incompatible with the company code provided
117	CurrencyConversionServiceNotAvailable	currency conversion service is out of service

118	InvalidItemCode	unacceptable item code
119	CurrencyInWrongFormat	currency is not an integer
120	DocumentMissingItem	quantity, price, description and code must match
121	DocumentInvalidDateFormatDDMMYY	date format: DDMMYY
122	PaymentAmountDoesntMatchInvoice	total receivables must be positive
123	DocumentAmountInvalid	amount must be double
124	CashInvalidAmount	amount must be double
125	CheckInvalidAmount	amount must be double
126	CCInvalidAmount	amount must be double
127	TransInvalidAmount	amount must be double
128	CheckInvalidDateFormatDDMMYY	date format: DDMMYY
129	CCInvalidDateFormatDDMMYY	date format: DDMMYY
130	TransInvalidDateFormatDDMMYY	date format: DDMMYY
131	PaymentTotalMustBeEqualToInvoiceTotal	Payment total must be equal to invoice total
132	TaxRateInTheDocsIsNotEqual	Tax rate in the docs is not equal
133	ClientCompanyNameAlreadyExists	Client company name already exists
134	ClientTicketAlreadyExists	Client ticket already exists

9.2.2.1 Invoice vendor response message is always returned in English

10. Invoice Supported Currencies

10.1 At this time, only ILS (Israeli Shekel) invoices are supported.

10.2 Other currencies will be processed yet no invoices will be created.

11. Invoice Example

11.1 As mentioned before, invoice can be both sent via e-mail or accessed from the invoiceDocUrl.

11.2 The invoice might contains the merchant's Logo (if provided by the merchant) and details.

11.3 Invoice sample:

HYP-CG
עוסק מורשה מס.: 303019905

לכבוד: חברה לדוגמה בע"מ
ח.פ/ת.ז.: 123456789
כתובת: הכתובת שלי 28 א`,פינת ירושלים

[מקור]
תאריך: 21/01/2023
מסמך ממוחשב, חתום דיגיטלית

חשבונית מס קבלה מספר 30499

זה הנושא שלי

פריטים:

מק"ט	פירוט	כמות	מחיר	סכום
110	התיאור שלי לפריט 1	3.00	₪17.09	₪51.28
100	התיאור שלי לפריט 2	1.00	₪34.19	₪34.19

סה"כ חייב במע"מ: ₪85.47
מע"מ 17.00%: ₪14.53
סה"כ: **₪100.00**

פרטי תשלום:

תאריך	אמצעי תשלום	פרטים	סכום
22/01/2023	כרטיס אשראי	סוג: ויזה, 4 ספרות: 7522, סוג עסקה: רגיל, תשלומים: 1	₪100.00

סה"כ: **₪100.00**

הערה מצורפת:
זאת ההערה שלי