

CG Gateway

EMV Refund/Cancel XML API

Version 2.00

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Preface

General

This document describes the XML API for the `refund/cancel` interface commands and presents the XML structure.

Conventions

The document uses the following conventions:

- **(M)** indicates that a field/tag is mandatory.
- This font is used for hyperlinks.
- This font is used for code and system activity.
- UPPERCASE is used for keys and acronyms.
- Cross-references are underlined. For example, see Conventions .
- The *Italic* font is used to emphasize words and phrases in certain cases.

Notes are used to call your attention to important and special information.

Tips are used to provide additional/beneficial information.

Caution implies essential information that should be taken seriously.

Introduction

Basic Terms

- **SHVA ABS** (Automatic Banking Services Ltd.)—a private company in Israel that provides clearance services to all the local credit companies. The company was established by the five largest banks in Israel.
- **Cancel**—the cancel transaction is performed on existing debit transaction that was not transmitted to SHVA ABS.

The customer may see both the debit and the cancel transaction on his bank-statement or he may not see the debit nor the cancel transaction on his bank-statement depending on decision of the credit company.

Cancel on debit transaction that was already transmitted to SHVA ABS, will be rejected

- **Refund**—the refund transaction is performed on existing debit transaction.
If the debit transaction was not transmitted to SHVA ABS, the refund will perform the same as the cancel transaction (as described above).
If the debit transaction was transmitted to SHVA ABS, the refund will send a credit transaction to SHVA ABS and the customer will see both the debit and the credit transactions in his bank-statement.
- **Partial refund**—partial refund of deal. Crediting the customer for part of the original amount of the debit transaction. Partial-refund can also be for part of the installments on an installments transaction, for example, when purchasing service for 36 months and canceling after two months, the refund needs to cover only 34 of those months. Partial refund should only be done using the refund transaction
- **Complete credit**—a credit transaction that is not related to an original debit transaction. This may be initiated with a standard "doDeal" credit API request.

Please note, that complete credit is not covered in this document and requires additional terminal configuration.

Module Features

cancelDeal features

- You can only cancel a authorized transaction that has not yet been transmitted.
- When using cancelDeal, you can only cancel a transaction with its original amount. otherwise, you will get a "312" error
- An authorized transaction that is no longer valid should be canceled in order to release the cardholder's "Obligo" funds.

refundDeal features

- RefundDeal will perform the following actions according to the transaction transmit status:
 - If the transaction has not been transmitted, cancel will be performed
 - If the transaction has been transmitted, credit will be performed
- refundDeal can be performed using an amount that is equal or less than the original amount. In the scenario of "Partial Refund", even if the original debit transaction has not been transmitted yet, the original transaction will not change, and a credit transaction will be performed with the partial amount sent in the refundDeal.

Refund/Cancel Parameters

Configurations can be made on each terminal, determining how the original debit transaction search will be performed and how the credit transaction will be performed.

The following parameters can be configured:

1. **Allow cancel deal** - determines whether terminal is enabled to receive "cancelDeal" requests.
2. **Allow refund deal** - determines whether terminal is enabled to receive "refundDeal" requests.
3. **In refund deal request, cancel non-transmitted transaction**– determines whether or not to allow cancel deals

In refund deal, in order to cancel transaction when possible, i.e. determines whether or not to cancel a transaction if it's not transmitted, when performing refund.

4. **Must search by card number** – search the original transaction by card number or cardId (Token). When this parameter is set, 'cardNumber' or 'cardId' tags are mandatory. When there is more than one result that matches the search the result depends on the terminal "Block multiple matches" configuration as described below.
5. **Search by (and must send) X field (user field)** – search the original transaction by the 'user' tag. When this parameter is set, 'user' tag is mandatory and will be used as search criteria. When there is more than one result that matches the search the result depends on the terminal "Block multiple matches" configuration as described below.

In order for this option to function properly, the merchant must send a unique value in the 'user' tag for his debit transactions.

6. **Must Search by "transaction id" field** – search the original transaction by the 'tranId' tag. When this parameter is set, 'tranId' tag is mandatory. When tranId tag is sent all other tags are ignored.
7. **Search by (and must send) Authorization Number field** – search the original transaction by the 'authNumber' tag. When this parameter is set, 'authNumber' tag is mandatory and will be used as search criteria. When there is more than one result that matches the search the result depends on the terminal "Block multiple matches" configuration as described below.
8. **Allow different amount** – allows to use amount that is different than the original transaction's amount. The amount should be less or equal to the original amount.
9. **Block multiple matches** – determines whether or not to credit a transaction even though multiple transactions were found that match the search criteria.

In such a scenario, if the terminal is enabled to support multiple matches, the latest transaction found by the search criteria is the one that will be credited.

10. **Terminal numbers for searching the original transaction** – By default, the terminal of the credit transaction is the same as the original transaction's terminal. This parameter can be set with other terminal number to search the original transaction.
11. **Search credit that is made via do deal** – When enabled, then also when performing credit transaction via the "doDeal" interface or the manual transaction screen (via CG Console), CG Gateway will search for an original debit transaction to credit (in the same way it would be searched if a "refundDeal" transaction was initiated).
12. **Overwrite expiration date** – When the credit card's expiration date has passed, the system will send an updated date for the credit transaction.
Please note that it may not be approved since the system is not updated with the actual expiration date of the card.

API Commands

General Field Tags

The following table presents the list of general Ashrait XML field tags:

Tag	Description	Comments
command (M)	Request name for Ashrait.	
requestId	The request ID returned in the response. <u>requestID is limited to 20 characters.</u>	
dateTime	The date and time of the request (yyyy-mm-dd hh:mm).	
version (M)	The XML version.	2000
language	Language of the messages.	Hebrew or English (HEB ENG).

refundDeal/cancelDeal Tags

The following table presents a list of refundDeal/cancelDeal XML field tags that are used on the request and response. The mandatory general opening tags are **ashrait** and **request/response**.

For full list of tags that are accepted in the response, please see the CG Gateway XML API document.

Note: The response has many tags that are relevant to different CG Gateway extended functionality capabilities. Most of the request tags are also returned in the response.

When updating versions, CG Gateway might return some tags that were not returned on previous versions, therefore the merchant should read only tags relevant to his needs from the response but at the same time, he must be ready to receive additional XML tags in the response.

XML Tag	Field Type	Description
terminalNumber (M)	Numeric (10)	Shva's ABS terminal number. This is the entity that holds the financial agreement between the merchant and the credit company. The merchant might choose to work with more than one terminal number.
tranId ¹ (C)	Numeric(20)	Unique CG transaction id, As returned in the original debit transaction response under "tranId" tag. It is recommended as "best practice" to use this tag in order to identify the original debit transaction as this is a unique identifier on CG Gateway and therefore will assure a single match for the cancel / refund requests.
cgUid ¹ (C)	Numeric(20)	CG identifier given to each transaction. All API requests relating the same "financial transaction" will share the same cgUid value (for example a phase sale transaction). The merchant may use cgUid identifier to identify a transaction for cancel / refund.

¹ One or more of the "Conditional" search criteria XML tags must be sent in the cancel/refund request.

XML Tag	Field Type	Description
		CG-Gateway will find the latest transaction state of the specific cgUid and will cancel / refund accordingly.
orgUid ¹ (C)	Numeric(23)	Unique SHVA ABS transaction id, as returned in the original debit transaction response under "uid" tag. This search criteria be used with ashrait EMV transactions only.
cardNo ¹ (C)	Numeric (8-19)	The number of the credit card (when the transaction is over the phone/Internet, or the card could not be swiped).
user ¹ (C)	String (1-19)	The 'user' value as used in the original debit transaction (<u>depends on terminal configuration</u>). It is recommended to enter a unique identifier for each transaction (usually a unique identifier used on the merchant's system. This will assure a single match when sending a cancel / refund request.
authNumber ¹ (C)	AlphaNumeric (3-7)	The authorization number from the credit company as returned in the original debit transaction (depends on terminal configuration).
cardExpiration (C)	Date (4)	Card <u>expiration date (MMYY).</u> Mandatory if using card number or cardId
cardId ¹ (C)	Numeric (16) or Numeric (36)	The card identifier s returned in the original debit transaction. <u>The cardId is provided to customers that have purchased the Card ID module.</u> cardId is returned when a card number transaction is performed and the Card ID module is present and configured to produce card id's
Total	Numeric (1-8)	The total of the transaction in cents, Agorot, etc. to be canceled / refunded. Value should be less or equal to original debit transaction.

XML Tag	Field Type	Description
		When tag value is not present in the request the full amount of matched debit transaction will be canceled/refunded.
transactionCode	Enum	Card entry mode (describing the transaction origin environment) in which the cancel / refund request took place: • Regular - Swiping of magnetic card. • Phone - Transaction through MOTO (mail or telephone) with card number. This will be the default value when tag value is not present in the request. • Signature -Card holder is present, however card is not swiped. • Internet - An e-commerce transaction.
creditType	Enum	Current supported values: • RegularCredit: single payment. This will be the default value when tag value is not present in the request.

2. For "refund deal" Shift Tags are supported:

Note: The following shift tags are used for the merchant to mark the refund deal transaction with the "shift" values **and not for searching the original debit transaction**.

Tag	Description
shiftId1	Shift id 1 in merchant
shiftId2	Shift id 2 in merchant

shiftId3	Shift id 3 in merchant
shiftTxnDate	Shift Date

cancelDeal

Request

```
<ashrait>
  <request>
    <command/>
    <requestId/>
    <dateTime/>
    <version/>
    <language/>
    <cancelDeal>
      <terminalNumber/>
      <tranId/>
      <cardNo/>
      <total/>
      <authNumber/>
      <user/>
      <ashraitEmvData>
        <orgUid/>
      </ashraitEmvData>
    </cancelDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command/>
    <dateTime/>
    <requestId/>
    <tranId/>
    <version/>
    <language/>
    <cancelDeal>
      <cardNo/>
      <creditCompany/>
      <cardBrand/>
      <cardAcquirer/>
      <cardExpiration/>
      <transactionType/>
      <creditType/>
      <currency/>
      <transactionCode/>
      <total/>
      <starTotal/>
      <firstPayment/>
      <periodicalPayment/>
      <numberOfPayments/>
      <clubId/>
      <clubCode/>
      <commReason/>
      <idStatus/>
      <cvvStatus/>
      <authSource/>
    </cancelDeal>
  </response>
</ashrait>
```

```
<authNumber/>
<fileNumber/>
<slaveTerminalNumber/>
<slaveTerminalSequence/>
<user/>
<ashraitEmvData>
...
</ashraitEmvData>
</cancelDeal>
</response>
</ashrait>
```

refundDeal

Request

```
<ashrait>
  <request>
    <command/>
    <requestId/>
    <dateTime/>
    <version/>
    <language/>
    <refundDeal>
      <terminalNumber/>
      <tranId/>
      <cardNo/>
      <total/>
      <authNumber/>
      <user/>
      <uid/>
      <firstPayment/>
      <periodicalPayment/>
      <numberOfPayments/>
      <shiftId1></shiftId1>
      <shiftId2></shiftId2>
      <shiftId3></shiftId3>
      <shiftTxnDate></shiftTxnDate>
      <ashraitEmvData>
        <orgUid/>
      </ashraitEmvData>
    </refundDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command/>
    <dateTime/>
```

```

<requestId/>
<tranId/>
<version/>
<language/>
<refundDeal>
    <status/>
    <statusText/>
    <cardNo/>
    <creditCompany/>
    <cardBrand/>
    <cardAcquirer/>
    <cardExpiration/>
    <transactionType/>
    <creditType/>
    <currency/>
    <transactionCode/>
    <total/>
    <starTotal/>
    <firstPayment/>
    <periodicalPayment/>
    <numberOfPayments/>
    <clubId/>
    <clubCode/>
    <commReason/>
    <idStatus/>
    <cvvStatus/>
    <authSource/>
    <authNumber/>
    <fileNumber/>
    <user/>
    <shiftId1></shiftId1>
    <shiftId2></shiftId2>
    <shiftId3></shiftId3>
    <shiftTxnDate></shiftTxnDate>
    <ashraitEmvData>
        ...
    </ashraitEmvData>
</refundDeal>
</response>
</ashrait>

```

-
- You can only credit a transaction, which has been both authorized and transmitted.
 - You can only credit one transaction at a time.

Error Codes

The following table lists the relevant error codes:

Error Code	Explanation
310	There is no debit deal that matches the credit deal.
312	There is no transaction found for canceling.
313	The transaction for canceling has already been transmitted.
314	The transaction has already been canceled.
317	Some parameters are missing for the required transaction.
319	The terminal is not permitted to accept a canceling command.
320	A credit transaction has already been performed.
321	The credit amount is different than the charge deal amount
324	The terminal is not permitted to perform refund transactions.
332	More than one transaction was found for cancel/conditional refund commands.
339	Refund credit type is different from original transaction
340	Refund number of payments is different from original transaction
341	Refund amount is different from original transaction

Examples

cancelDeal

Cancel request by tranId only

```
<ashrait>
  <request>
    <command>cancelDeal</command>
    <requestId>1234</requestId>
    <dateTime/>
    <version>2000</version>
    <language>Eng</language>
    <cancelDeal>
      <terminalNumber>0880700014</terminalNumber>
      <tranId>4476127</tranId>
    </cancelDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>cancelDeal</command>
    <dateTime>2017-09-29 15:35</dateTime>
    <requestId>1506678334-1906</requestId>
    <tranId>4476174</tranId>
    <result>000</result>
    <message>תקין עסקה</message>
    <userMessage>תקין עסקה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS</additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <cancelDeal>
      <status>000</status>
      <statusText>תקין עסקה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1057895978594292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName/>
      <cardExpiration>0218</cardExpiration>
      <cardType code="00">Local</cardType>
      <extendedCardType code=""/>
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
```

```

<serviceCode/>
<transactionType code="01">RegularDebit</transactionType>
<creditType code="1">RegularCredit</creditType>
<currency code="1">ILS</currency>
<baseCurrency/>
<baseAmount/>
<transactionCode code="50">Phone</transactionCode>
<total>100</total>
<firstPayment/>
<periodicalPayment/>
<numberOfPayments/>
<clubId/>
<validation code="4">AutoComm</validation>
<idStatus code=""/>
<cvvStatus code=""/>
<authSource code="0">None</authSource>
<authNumber/>
<fileNumber>20</fileNumber>
<slaveTerminalNumber>001</slaveTerminalNumber>
<slaveTerminalSequence>113</slaveTerminalSequence>
<eci/>
<clientIp/>
<email/>
<cavvStatus code=""/>
<user/>
<addonData/>
<supplierNumber/>
<id/>
<shiftId1/>
<shiftId2/>
<shiftId3/>
<shiftTxnDate/>
<uid>17092915352208807001736</uid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
</acquirerData>
<ashraitEmvData>
  <orgUid>17092915352208807001736</orgUid>
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>2017-09-29 15:35:22</orgTranDate>
  <orgAmount>100</orgAmount>
  <orgTranTime>153522</orgTranTime>
  <ashVersion>i</ashVersion>
  <manufId>CGD</manufId>
  <manufUse>3210</manufUse>
</ashraitEmvData>
</cancelDeal>
</response>
</ashrait>

```

Cancel request by 'user' tag

In such case the original transaction should be sent with a unique 'user' tag.
In a scenario where there is more than one transaction that matches the search, a proper error message will be returned.

```
<ashrait>
  <request>
    <command>cancelDeal</command>
    <requestId>1234</requestId>
    <dateTime/>
    <version>2000</version>
    <language>Eng</language>
    <cancelDeal>
      <terminalNumber>0880700014</terminalNumber>
      <user>test10</user>
    </cancelDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>cancelDeal</command>
    <dateTime>2017-10-02 09:19</dateTime>
    <requestId>1506925175-23874</requestId>
    <tranId>5927409</tranId>
    <result>000</result>
    <message>עסקה תקינה</message>
    <userMessage>עסקה תקינה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS</additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <cancelDeal>
      <status>000</status>
      <statusText>עסקה תקינה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1036168759604292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName />
      <cardExpiration>0619</cardExpiration>
      <cardType code="00">Local</cardType>
      <extendedCardType code="" />
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode />
      <transactionType code="01">RegularDebit</transactionType>
```

```

<creditType code="1">RegularCredit</creditType>
<currency code="1">ILS</currency>
<baseCurrency />
<baseAmount />
<transactionCode code="50">Phone</transactionCode>
<total>100</total>
<firstPayment />
<periodicalPayment />
<numberOfPayments />
<clubId />
<validation code="4">AutoComm</validation>
<idStatus code="" />
<cvvStatus code="" />
<authSource code="0">None</authSource>
<authNumber />
<fileNumber>29</fileNumber>
<slaveTerminalNumber>037</slaveTerminalNumber>
<slaveTerminalSequence>248</slaveTerminalSequence>
<eci />
<clientIp />
<email />
<cavvStatus code="" />
<user>test10</user>
<addonData />
<supplierNumber />
<id />
<shiftId1 />
<shiftId2 />
<shiftId3 />
<shiftTxnDate />
<uid>17100209191208807004081</uid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
  <acquirerResponseId />
  ...
</acquirerData>
<ashraitEmvData>
  <orgUid>17100209191208807004081</orgUid>
  <orgAuthCodeCreditCompany />
  <orgAuthCodeAcquirer />
  <orgAuthNoAcquirer />
  <orgAuthNo />
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>1002</orgTranDate>
  <acquirerResponseId />
  <orgAmount>100</orgAmount>
  <orgTranTime>091912</orgTranTime>
  <authNoAcquirer />
  <ashVersion>i</ashVersion>
  <manufId>CGD</manufId>
  <manufUse>3210</manufUse>
</ashraitEmvData>
</cancelDeal>
</response>
</ashrait>

```

Cancel request by cardId and total

```
<ashrait>
  <request>
    <command>cancelDeal</command>
    <requestId>1234</requestId>
    <dateTime/>
    <version>2000</version>
    <language>Eng</language>
    <cancelDeal>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1057895978594292</cardId>
      <total>5000</total>
    </cancelDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>cancelDeal</command>
    <dateTime>2017-09-29 15:35</dateTime>
    <requestId>1506678334-1906</requestId>
    <tranId>4476174</tranId>
    <result>000</result>
    <message>עסקה תקינה</message>
    <userMessage>עסקה תקינה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS</additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <cancelDeal>
      <status>000</status>
      <statusText>עסקה תקינה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1057895978594292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName/>
      <cardExpiration>0218</cardExpiration>
      <cardType code="00">Local</cardType>
      <extendedCardType code=""/>
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode/>
      <transactionType code="01">RegularDebit</transactionType>
      <creditType code="1">RegularCredit</creditType>
      <currency code="1">ILS</currency>
      <baseCurrency/>
      <baseAmount/>
      <transactionCode code="50">Phone</transactionCode>
```

```

<total>5000</total>
<firstPayment/>
<periodicalPayment/>
<numberOfPayments/>
<clubId/>
<validation code="4">AutoComm</validation>
<idStatus code=""/>
<cvvStatus code=""/>
<authSource code="0">None</authSource>
<authNumber/>
<fileNumber>20</fileNumber>
<slaveTerminalNumber>001</slaveTerminalNumber>
<slaveTerminalSequence>113</slaveTerminalSequence>
<eci/>
<clientIp/>
<email/>
<cavvStatus code=""/>
<user/>
<addonData/>
<supplierNumber/>
<id/>
<shiftId1/>
<shiftId2/>
<shiftId3/>
<shiftTxnDate/>
<uid>17092915352208807001736</uid>
<acquirerData>
    <gateway>AshraitEmv</gateway>
    ...
</acquirerData>
<ashraitEmvData>
    <orgUid>17092915352208807001736</orgUid>
    <orgAuthAmount>100</orgAuthAmount>
    <orgTranDate>2017-09-29 15:35:22</orgTranDate>
    <orgAmount>100</orgAmount>
    <orgTranTime>153522</orgTranTime>
    <ashVersion>i</ashVersion>
    <manufId>CGD</manufId>
    <manufUse>3210</manufUse>
</ashraitEmvData>
</cancelDeal>
</response>
</ashrait>

```

refundDeal

Refund request by tranId

```

<ashrait>
  <request>
    <command>refundDeal</command>
    <requestId>123</requestId>
    <dateTime/>

```

```
<version>2000</version>
<language>Eng</language>
<refundDeal>
  <terminalNumber>0880700014</terminalNumber>
  <tranId>3705557</tranId>
</refundDeal>
</request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>refundDeal</command>
    <dateTime>2017-09-29 15:48</dateTime>
    <requestId/>
    <tranId>4476194</tranId>
    <result>000</result>
    <message>עסקה תקינה</message>
    <userMessage>עסקה תקינה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS</additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <refundDeal>
      <status>000</status>
      <statusText>עסקה תקינה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1057895978594292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName/>
      <cardExpiration>0218</cardExpiration>
      <cardType code="00">Local</cardType>
      <extendedCardType code=""/>
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode/>
      <transactionType code="53">AuthCredit</transactionType>
      <creditType code="1">RegularCredit</creditType>
      <currency code="1">ILS</currency>
      <baseCurrency/>
      <baseAmount/>
      <transactionCode code="50">Phone</transactionCode>
      <total>100</total>
      <firstPayment/>
      <periodicalPayment/>
      <numberOfPayments/>
      <clubId/>
      <validation code="4">AutoComm</validation>
      <idStatus code=""/>
      <cvvStatus code=""/>
      <authSource code="0">None</authSource>
      <authNumber/>
      <fileNumber>21</fileNumber>
```

```
<slaveTerminalNumber>001</slaveTerminalNumber>
<slaveTerminalSequence>115</slaveTerminalSequence>
<eci/>
<clientIp/>
<email/>
<cavvStatus code=""/>
<user/>
<addonData/>
<supplierNumber/>
<id/>
<shiftId1/>
<shiftId2/>
<shiftId3/>
<shiftTxnDate/>
<uid>17092915482908807001949</uid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
</acquirerData>
<ashraitEmvData>
  <orgUid>17092915414208807001752</orgUid>
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>2017-09-29 15:41:42</orgTranDate>
  <orgAmount>100</orgAmount>
  <orgTranTime>154142</orgTranTime>
  <ashVersion>i</ashVersion>
  <manufId>CGD</manufId>
  <manufUse>3210</manufUse>
</ashraitEmvData>
</refundDeal>
</response>
</ashrait>
```

Refund request by tranId and total

```
<ashrait>
  <request>
    <command>refundDeal</command>
    <requestId>123</requestId>
    <dateTime/>
    <version>2000</version>
    <language>Eng</language>
    <refundDeal>
      <terminalNumber>0880700014</terminalNumber>
      <tranId>3705563</tranId>
      <total>7000</total>
    </refundDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>refundDeal</command>
    <dateTime>2017-10-01 16:18</dateTime>
    <requestId/>
    <tranId>4476267</tranId>
    <result>000</result>
    <message>Permitted transaction.</message>
    <userMessage>Permitted transaction.</userMessage>
    <additionalInfo>Host Result 00-SUCCESS</additionalInfo>
    <version>2000</version>
    <language>Eng</language>
    <refundDeal>
      <status>000</status>
      <statusText>Permitted transaction.</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1057895978594292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName/>
      <cardExpiration>0218</cardExpiration>
      <cardType code="00">Local</cardType>
      <extendedCardType code=""/>
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode/>
      <transactionType code="53">AuthCredit</transactionType>
      <creditType code="1">RegularCredit</creditType>
      <currency code="1">ILS</currency>
      <baseCurrency/>
      <baseAmount/>
      <transactionCode code="50">Phone</transactionCode>
      <total>7000</total>
      <firstPayment/>
      <periodicalPayment/>
    </refundDeal>
  </response>
</ashrait>
```

```
<numberOfPayments/>
<clubId/>
<validation code="4">AutoComm</validation>
<idStatus code=""/>
<cvvStatus code=""/>
<authSource code="0">None</authSource>
<authNumber/>
<fileNumber>26</fileNumber>
<slaveTerminalNumber>001</slaveTerminalNumber>
<slaveTerminalSequence>122</slaveTerminalSequence>
<eci/>
<clientIp/>
<email/>
<cavvStatus code=""/>
<user/>
<addonData/>
<supplierNumber/>
<id/>
<shiftId1/>
<shiftId2/>
<shiftId3/>
<shiftTxnDate/>
<uid>17100116182608807002678</uid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
</acquirerData>
<ashraitEmvData>
  <orgUId>17100116142308807002611</orgUId>
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>2017-10-01 16:14:23</orgTranDate>
  <orgAmount>100</orgAmount>
  <orgTranTime>161423</orgTranTime>
  <ashVersion>i</ashVersion>
  <manufId>CGD</manufId>
  <manufUse>3210</manufUse>
</ashraitEmvData>
</refundDeal>
</response>
</ashrait>
```

Refund request by 'user' tag

```
<ashrait>
  <request>
    <command>refundDeal</command>
    <requestId>123</requestId>
    <dateTime/>
    <version>2000</version>
    <language>HEB</language>
    <refundDeal>
      <terminalNumber>0880700014</terminalNumber>
      <user>test11</user>
    </refundDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>refundDeal</command>
    <dateTime>2017-10-02 09:30</dateTime>
    <requestId>1506925851-23874</requestId>
    <tranId>5927413</tranId>
    <result>000</result>
    <message>עסקה תקינה</message>
    <userMessage>עסקה תקינה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS</additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <refundDeal>
      <status>000</status>
      <statusText>עסקה תקינה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1036168759604292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName />
      <cardExpiration>0619</cardExpiration>
      <cardType code="00">Local</cardType>
      <extendedCardType code="" />
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode />
      <transactionType code="53">AuthCredit</transactionType>
      <creditType code="1">RegularCredit</creditType>
      <currency code="1">ILS</currency>
      <baseCurrency />
      <baseAmount />
      <transactionCode code="50">Phone</transactionCode>
      <total>100</total>
      <firstPayment />
      <periodicalPayment />
    </refundDeal>
  </response>
</ashrait>
```

```

<numberOfPayments />
<clubId />
<validation code="4">AutoComm</validation>
<idStatus code="" />
<cvvStatus code="" />
<authSource code="0">None</authSource>
<authNumber />
<fileNumber>30</fileNumber>
<slaveTerminalNumber>037</slaveTerminalNumber>
<slaveTerminalSequence>250</slaveTerminalSequence>
<eci />
<clientIp />
<email />
<cavvStatus code="" />
<user>test11</user>
<addonData />
<supplierNumber />
<id />
<shiftId1 />
<shiftId2 />
<shiftId3 />
<shiftTxnDate />
<uid>17100209305108807004131</uid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
  ...
</acquirerData>
<ashraitEmvData>
  <orgUid>17100209300308807004103</orgUid>
  <orgAuthCodeCreditCompany />
  <orgAuthCodeAcquirer />
  <orgAuthNoAcquirer />
  <orgAuthNo />
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>1002</orgTranDate>
  <acquirerResponseId />
  <orgAmount>100</orgAmount>
  <orgTranTime>093003</orgTranTime>
  <ashVersion>i</ashVersion>
  <manufId>CGD</manufId>
  <manufUse>3210</manufUse>
</ashraitEmvData>
</refundDeal>
</response>

```

Refund request by cgUid' tag

```
<ashrait>
  <request>
    <command>refundDeal</command>
    <requestId>123</requestId>
    <dateTime/>
    <version>2000</version>
    <language>HEB</language>
    <refundDeal>
      <terminalNumber>0880700014</terminalNumber>
      <cgUid>26973529</cgUid>
    </refundDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>refundDeal</command>
    <dateTime>2018-01-25 08:55</dateTime>
    <requestId />
    <tranId>26973528</tranId>
    <result>000</result>
    <message>תקין עסקה</message>
    <userMessage>תקין עסקה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS </additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <refundDeal>
      <status>000</status>
      <statusText>תקין עסקה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1081050459754292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName />
      <cardExpiration>0218</cardExpiration>
      <cardType code="00">Local</cardType>
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode />
      <transactionType code="53">AuthCredit</transactionType>
      <creditType code="1">RegularCredit</creditType>
      <currency code="0">ILS</currency>
      <baseCurrency />
      <baseAmount />
      <transactionCode code="50">Phone</transactionCode>
      <total>100</total>
      <firstPayment />
      <periodicalPayment />
      <numberOfPayments />
      <clubId />
```

```
<validation code="4">AutoComm</validation>
<idStatus code="" />
<cvvStatus code="" />
<authSource code="" />
<authNumber />
<fileNumber>04</fileNumber>
<slaveTerminalNumber>001</slaveTerminalNumber>
<slaveTerminalSequence>009</slaveTerminalSequence>
<eci />
<clientIp />
<email />
<cavvStatus code="" />
<user />
<addonData />
<supplierNumber />
<id />
<shiftId1 />
<shiftId2 />
<shiftId3 />
<shiftTxnDate />
<cgUid>26973529</cgUid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
  <mpi3dsSupport>0</mpi3dsSupport>
  <acquirerTranType>53</acquirerTranType>
</acquirerData>
<ashraitEmvData>
  <orgUid>18012508540308807005250</orgUid>
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>0125</orgTranDate>
  <orgAmount>100</orgAmount>
  <orgTranTime>085403</orgTranTime>
  <uid>18012508551808807005289</uid>
  <manufId>CGD</manufId>
  <manufUse>321002</manufUse>
  <ashVersion>i</ashVersion>
  <telAuthAbility>2</telAuthAbility>
  <isDoReverseDeal>0</isDoReverseDeal>
</ashraitEmvData>
</refundDeal>
</response>
</ashrait>
```

Refund request by 'orgUid' tag (ashrait EMV transactions only)

```
<ashrait>
  <request>
    <command>refundDeal</command>
    <requestId>123</requestId>
    <dateTime/>
    <version>2000</version>
    <language>HEB</language>
    <refundDeal>
      <terminalNumber>0880700014</terminalNumber>
      <ashraitEmvData>
        <orgUid>18012508540308807005250</orgUid>
      </ashraitEmvData>
    </refundDeal>
  </request>
</ashrait>
```

Response

```
<ashrait>
  <response>
    <command>refundDeal</command>
    <dateTime>2018-01-25 08:55</dateTime>
    <requestId />
    <tranId>26973528</tranId>
    <result>000</result>
    <message>עסקה תקינה</message>
    <userMessage>עסקה תקינה</userMessage>
    <additionalInfo>Host Result 00-SUCCESS </additionalInfo>
    <version>2000</version>
    <language>Heb</language>
    <refundDeal>
      <status>000</status>
      <statusText>עסקה תקינה</statusText>
      <terminalNumber>0880700014</terminalNumber>
      <cardId>1081050459754292</cardId>
      <cardBin>458028</cardBin>
      <cardMask>458028*****4292</cardMask>
      <cardLength>16</cardLength>
      <cardNo>xxxxxxxxxxxx4292</cardNo>
      <cardName />
      <cardExpiration>0218</cardExpiration>
      <cardType code="00">Local</cardType>
      <creditCompany code="2">Visa</creditCompany>
      <cardBrand code="2">Visa</cardBrand>
      <cardAcquirer code="6">Alphacard</cardAcquirer>
      <serviceCode />
      <transactionType code="53">AuthCredit</transactionType>
      <creditType code="1">RegularCredit</creditType>
      <currency code="0">ILS</currency>
      <baseCurrency />
      <baseAmount />
      <transactionCode code="50">Phone</transactionCode>
      <total>100</total>
      <firstPayment />
      <periodicalPayment />
    </refundDeal>
  </response>
</ashrait>
```

```
<numberOfPayments />
<clubId />
<validation code="4">AutoComm</validation>
<idStatus code="" />
<cvvStatus code="" />
<authSource code="" />
<authNumber />
<fileNumber>04</fileNumber>
<slaveTerminalNumber>001</slaveTerminalNumber>
<slaveTerminalSequence>009</slaveTerminalSequence>
<eci />
<clientIp />
<email />
<cavvStatus code="" />
<user />
<addonData />
<supplierNumber />
<id />
<shiftId1 />
<shiftId2 />
<shiftId3 />
<shiftTxnDate />
<cgUid>26973525</cgUid>
<acquirerData>
  <gateway>AshraitEmv</gateway>
  <mpi3dsSupport>0</mpi3dsSupport>
  <acquirerTranType>53</acquirerTranType>
</acquirerData>
<ashraitEmvData>
  <orgUid>18012508540308807005250</orgUid>
  <orgAuthAmount>100</orgAuthAmount>
  <orgTranDate>0125</orgTranDate>
  <orgAmount>100</orgAmount>
  <orgTranTime>085403</orgTranTime>
  <uid>18012508551808807005289</uid>
  <manufId>CGD</manufId>
  <manufUse>321002</manufUse>
  <ashVersion>i</ashVersion>
  <telAuthAbility>2</telAuthAbility>
  <isDoReverseDeal>0</isDoReverseDeal>
</ashraitEmvData>
</refundDeal>
</response>
</ashrait>
```