CG Gateway

XML API

Version 1.38

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CreditGuard

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Preface

General

This document describes the XML API for CG Gateway clearance commands and presents the XML structure.

Related Documents

Document Name	Subject	Content
Original Shva Protocol	Shva Protocol Description	Detailed description of the field content.
CG Gateway Error Codes	CG Gateway System Return Codes	For each error code the record describes: Hebrew text, English text, user display text, severity level and code level (source).

Conventions

The document uses the following conventions:

- **(M)** Indicates that a field/tag is mandatory.
- **(C)** Conditionally required field/tag that must be completed if certain conditions are met.
- Notes are used to call your attention to especially important information.

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Introduction

CG Gateway Solution

- Credit Guard's CG Gateway solution enables you to conveniently work with the Israeli Clearance Center (ABS) and other international clearance gateways using standard XML response/request format.
- Please note that from time to time CG Gateway's XML API might change, in a way that additional tags will be added to the protocol for supporting additional functionality. In this case additional tags will be added to the response XML even for unchanged requests. It is the merchant responsibility to parse the returned XML in such a manner that additional tags will be ignored, and only relevant data will be extracted from the CG Gateway response XML.

Basic Terms

- **Shva ABS** (Automatic Banking Services Ltd.)–established by the five largest banks in Israel, Shva is a private company that provides clearance services to all the local credit companies.
- **IntIn**–Shva 96 protocol for settlement requests.
- **IntOt**–Shva 96 protocol for settlement responses.
- **CG Gateway 96 protocol**–The protocol used for post transaction via ABS. This protocol is composed of two strings: INT_IN FILE (request) and INT_OT (response).
- **INT_IN FILE** – The data from the merchant to the CG Gateway server.
- **INT_OT** – The result after the transaction is posted to ABS; the answer is sent via the CG Gateway server.
- **CG Gateway XML API** – an interface for sending/receiving clearance XML commands to Shva via the CG Gateway server, based on CG Gateway XML 96 protocol converted from the Shva protocol.
- **CG Gateway server**– the CG Gateway server, which receives clearance requests from the merchant, processes them, sends them to the credit companies through a switch (if needed) and then sends a reply to the merchant's request.

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General Structure

Request

- Below is the XML structure of the request. The mandatory general opening tags are **ashrait** and **request**.
- Request Syntax

```
<ashrait>
     <request>
           <command/>
           <requestId/>
           <dateTime/>
           <version/>
           <language/>
           <mayBeDuplicate/>
           <(command name)>
                 ...
           </(command name)>
     </request>
</ashrait>
```

- Tag Details

XML Field	Field Type	Description
command (M)	Alphanumeric	Request name for CG Gateway.
requestId (C)	String (20)	ID of request, which is returned in the response. requestId is limited to 20 characters. If <mayBeDuplicate> is true (value 1) then field requestId is required & mandatory.
dateTime	Date & time	Requested date and time. YYYY-MM-DD hh:mm:ss
version	Value: 1001	XML version.
language	HEB | ENG	Language of "message" and "user message" fields - Hebrew/English.

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XML Field	Field Type	Description
mayBeDuplicate	0 | 1 | empty	For transaction resent in case of transaction timeout. This Option is available only when installed. If <mayBeDuplicate> is true (value 1), CG Gateway checks whether the transaction has already been made and if all the details of the request are identical to the existing request. An error is returned for invalid requests; for identical requests, CG Gateway checks the completion status of the existing request. If the request is complete, the response is sent again. If the request is incomplete, the system completes the transaction and returns the response to the user. When using mayBeDuplicate then filed requestId is mandatory and required to be unique for each transaction.
command name (M)		The main tag for all the tags that include this command data.

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Response

- Below is the XML structure of the response. The mandatory general opening tags are **ashrait** and **response**.
- Response syntax

```
<ashrait>
     <response>
           <command/>
           <dateTime/>
           <requestId/>
           <tranId/>
           <result/>
           <message/>
           <userMessage/>
           <additionalInfo/>
           <version/>
           <language/>
           <(command name)>
                 ...
           </(command name)>
     </response>
</ashrait>
```

- Tag Details

XML Field	Field Type	Description
command	Alphanumeric	Request name for CG Gateway.
dateTime	Date & time	Requested date and time. YYYY-MM-DD hh:mm:ss
requestId	String (20)	ID of request, which is returned in the response. requestId is limited to 20 characters.
tranId	Numeric	ID of transaction.
result	Numeric (3-4)	Response result code.
message	String	Response text message.
userMessage	String	Response text message for non-technical personnel.
additional Info	String	Additional information if available, which can assist you with the returned response.
version	Value: 1001	XML version.
language	HEB | ENG	Hebrew/English.
command name		The main tag for all the tags that include this command data.

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Error

- If an XML command is unreadable or broken, or in the case of some fatal errors, CG Gateway returns a generic error message.
- Response syntax

```
<ashrait>
     <response>
           <dateTime/>
           <requestId/>
           <tranId/>
           <command/>
           <result/>
           <message/>
           <userMessage/>
           <additionalInfo/>
           <version/>
           <language/>
     </response>
</ashrait>
```

- Tag Details

XML Field	Field Type	Description
command		Request name for CG Gateway.
dateTime	Date & time	Requested date and time.
requestId	String (0-20)	ID of request, which is returned in the response. requestId is limited to 20 characters.
tranId	Numeric(1-14)	ID of transaction.
command		Request name for CG Gateway.
result	Numeric (3-4)	Response result code.
message	String	Response text message.
userMessage	String	Response text message for non-technical personnel.
additionalInfo	String	Additional information if available, which can assist you with the returned response.
version	Value: 1001	XML version.
language	HEB | ENG	Hebrew/English.

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API Commands

doDeal Request Tags

- The doDeal command is used to process transactions in the CG Gateway.
- The following table presents the doDeal request's XML field tags:

XML Field	Field Type	Shva Protocol	Value	Description
terminalNumber (M)	Numeric (7-10)			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.
cardId (C)	Numeric (16) or Numeric (36)			A card identification number provided by Credit Guard. If cardId is provided, cardNo is not mandatory and vice versa. Length is subject to terminal card id settings (16 or 36) The cardId is provided to customers that have purchased the Card ID module. It is designed for customers that don't want to save credit card numbers in their systems.

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XML Field	Field Type	Shva Protocol	Value	Description
track2 (C)	RegExp (8-77)	A	Card's track2. (also encrypted, using encrypted card reader that complies with SHVA's protocol.	RegExp Value: [0-9]*=[0-9]*($\|*[0-9A-Z]{36,38}*$) Track2 data – The magnetic field of the card (when the credit card is swiped). **Mandatory** when swiping card (transactionCode value should be Regular . If sent, there is no need to send cardNo + cardExpiration
cardNo (C)	Numeric (8-19)	B		The card number (when the transaction is over the phone/Internet or the card could not be swiped). The cardNo can be replaced by the cardId if working with Card Id module. **Mandatory** when transaction is over phone/Internet.
total (M)	Numeric (1-8)	C1		The total amount of the transaction in cents, Agorot, etc.
starTotal	Numeric (1-8)	C2		Israeli star amount in cents, Agorot, etc.
transactionType (M)	Enum	D1	Debit Credit	Card holder is charged. Card holder is credited.
creditType (M)	Enum	D2		
			RegularCredit	Single payment debit.
			IsraCredit	"Isracredit", "AMEX credit", "Visa Adif/30+", "Diners Adif/30+" (local Israeli payment method).
			AdHock	Ad hock debit- "Hiyuv Miyadi" (local Israeli payment method).
			ClubDeal	Club deal (local Israeli payment method).

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XML Field	Field Type	Shva Protocol	Value	Description
			SpecialAlpha	Special alpha – "super credit" (local Israeli payment method). Tag numberOfPayments is mandatory
			SpecialCredit	Special credit - "credit"/"fixed payments credit" (local Israeli payment method). Tag numberOfPayments is mandatory
			Payments	Multiple payments debit (installments). Tags numberOfPayments, periodicalPayment and firstPayment are mandatory according to the notes below
			PaymentsClub	Payment club (local Israeli payment method).
currency (M)	Enum	D3	ISO currency code (according to supported currencies by the credit company). Examples:	
			ILS	New Israeli Shekel.
			USD	United States Dollar.
			GBP	Great Britain Pound.
			IlsByUsd	New Israeli Shekel USD linked.
			HKD	Hong Kong Dollar
			JPY	Japanese Yen
			EUR	European currency unit.
			IlsbyIndex	New Israeli Shekel index linked.
transactionCode (M)	Enum	D4		
			Regular	Swiping of magnetic card.
			SelfService	Self service.
			FuelSelfService	Fuel self service.
			Contactless	

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XML Field	Field Type	Shva Protocol	Value	Description
			ContactlessSelfService	
			ContactlessSelfServiceInGasStation	
			Phone	Transaction through Internet/phone with card number.
			Signature	Card holder is present, however card is not swiped.
authNumber	Alpha Numeric (3-7)	E		Authorization number that is returned from the credit card company when a transaction is authorized.
firstPayment (C)	Numeric (0-20)	F		First payment amount in cents, Agorot, etc. This field is **mandatory** when using creditType Payments.
periodicalPayment (C)	Numeric (0-20)	G		Periodical payment in cents, Agorot, etc. This field is **mandatory** when using creditType Payments.
numberOfPayments (C)	Numeric (0-20)	H		Number of payments. This field is **mandatory** when using creditType: • Payments – The value will be the number of payments minus 1 • SpecialCredit – the value will be the total number of payments • SpecialAlpha - the value will be the total number of payments
slaveTerminalNumber	Numeric(1-3)	I		Kupa in Shva (with leading zeros)
validation (M)	Enum	J code		

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XML Field	Field Type	Shva Protocol	Value	Description
		J1	NoComm	Verifies card locally. If the card is ok and the total amount of the deal is under the ceiling, a debit is made without communication to Shva. If it's above the ceiling, an error occurs.
		J2	Normal	A local check on the CG Gateway for the validity of the credit card number and if it exist in the blocked cards list. No actual debit occurs.
		J3	CreditLimit	Same as J2 (Normal). It also returns ceiling limit in the total field. for Israeli cards Only
		J4	AutoComm	Verifies card locally or in credit company; depends on ceiling ZFL terminal parameters A positive response results in actual settlement.
		J5	Verify	Verifies card by credit company regardless of the ceiling ZFL terminal parameters. No settlement is performed; the amount of verify without settlement is held in card holder's obligor. (This is used for authorization purposes only.) Available only when the credit card company allows it on the terminal
		J6	Dealer	Verifies card by credit company regardless of the ceiling ZFL terminal parameters; settlement is performed.
		J9	AutoCommHold	Performs a J4 transaction. Yet the transaction will not be deposited. The method of depositing the transactions can be configured per merchant or by releasing the transaction with AutoCommRelease command.

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XML Field	Field Type	Shva Protocol	Value	Description
		J102	Token	A local check on the CG Gateway for the validity of the credit card number for tokenization purposes. Perform an actual J2 request and return cardId when terminal is configured to do so.
		J109	AutoCommRelease	Used for releasing a transaction (previously performed by using J9). Realeasing a transaction can be done by using the original card number, the cardId (when supported on the terminal) or track2 when the original transaction was performed with track2. See examples for usage
		J201	cardNo	Used for retrieving card number of an existing card id that was generated for the merchant This option is configuration dependent.
delekCode	Numeric (1-8)	K		Israeli fuel transaction field.
delekQuantity	Numeric (2-5)	L		Israeli fuel transaction field.
oilQuantity	Numeric (2-4)	M		Israeli fuel transaction field.
oilSum	Numeric (2-8)	N		Israeli fuel transaction field.
odometer	Numeric (2-8)	O		Israeli fuel transaction field.
carNum	Numeric (2-8)	P		Israeli fuel transaction field.
clubCode	Numeric (1)	Q		Used in Israeli credit club transactions.
clubId	Numeric (2-8)	R		Used in Israeli credit club transactions.

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XML Field	Field Type	Shva Protocol	Value	Description
mainTerminalNumber (C)	Numeric (0-7)	S		Main terminal number. **Mandatory** if merchant works in "ravSapak" mode, and should not be used otherwise.
cardExpiration (C)	Date (4)	T	MMYY	Card expiration date (Month and year). **Mandatory** if using card number or cardId
cvv (C)	Numeric (1-4)	U		Three/four last digits on back of credit card. You can also send: 0–merchant chooses not to pass CVV. 2–CVV is not readable. 9–card does not have CVV. **Mandatory** only if the terminal requires CVV check. **Exceptions are** in local check transactions and transactions sent with authNumber
dealerNumber (C)	Numeric(1-7)	V		Merchant's number in credit company. **Mandatory** if merchant works in "ravMutav" mode, and should not be used otherwise.
last4D (C)	Numeric (4)	W		Last four digits of credit card number. **Mandatory** if the credit card company requires it. The system compares the last4D tag and the last 4 digits according to track2 data.

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XML Field	Field Type	Shva Protocol	Value	Description
user	String (1-19)	X		Field for any text (optional). This is returned in response as is. Typically used for merchant unique identifier. It is recommended to enter your unique identifier for the transaction in the merchant's system.
Id (C)	Numeric (4-10)	Y		Israeli ID number of card owner. **Mandatory** only if the terminal requires id check, and for cards issued in Israel **Exceptions are** in local check transactions and transactions sent with authNumber
addonData	Numeric (2-8)	Z		Identification field determined by merchant and credit company. The value (if exists) is presented in credit company reports. Available only when the credit company allows it on the terminal.
cavv	Base64 String(48)	!		A field for merchants that use the 3DSecure service. UCAF/CAVV string obtained from an external MPI.
eci	Numeric(1)	!		A field for merchants that use the 3DSecure service ECommerce indicator one position (value returned from the MPI).
xid	String(48)	!		A field for merchants that use the 3DSecure service ECommerce indicator one position (value returned from the MPI).
delek	Numeric(8)			Israeli fuel transaction field.

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XML Field	Field Type	Shva Protocol	Value	Description
authAmount	Numeric (1-20)			This feature is available only for Israeli fuel transactions. Indicate the max amount allowed for charge the card holder account.
shiftId1	AlphaNumeric(1-32)			Shift identifier that can be associated with the transaction. Used for grouping transactions with one single identifier. For more details please advise the "Shift Based Transmit" API document.
shiftId2	AlphaNumeric(1-32)			Shift identifier that can be associated with the transaction. Used for grouping transactions with one single identifier. For more details please advise the "Shift Based Transmit" API document.
shiftId3	AlphaNumeric(1-32)			Shift identifier that can be associated with the transaction. Used for grouping transactions with one single identifier. For more details please advise the "Shift Based Transmit" API document.
shiftTxnDate	Date & time		Requested date and time. YYYY-MM-DD hh:mm:ss	Current shift date that can be associated with the transaction. For more details please advise the "Shift Based Transmit" API document.
ticketNumber	Numeric(13)			Flight ticket number for flight companies
routeCode	String(1-32)			This feature is available only when installed. A custom Identifier for route transactions from CG (logic) terminal to "real"/acquire terminal

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XML Field	Field Type	Shva Protocol	Value	Description
customerData				Merchant's additional data – one row per one transaction (optional only for merchants that have asked for this addition).
subCustomerData				Merchant additional data – many rows per one transactions (optional only for merchants that have asked for this addition)
sectorData				Merchant additional details required by credit companies for specific sector transactions (optional).
userData1	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData2	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData3	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData4	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData5	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.

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XML Field	Field Type	Shva Protocol	Value	Description
userData6	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData7	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData8	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData9	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.
userData10	Alpha Numeric (1-128)		Only Alpha Numeric characters	Merchant's custom field. If exists then the field will be populated also in the response xml.

Please note:

- All tags are case sensitive.
- Payment amounts can be in all currencies.
- If the merchant wants to settle the authorized transaction, it must be resent with validation **AutoComm** and the authorization number received under the **authNumber** tag of the response of verify.
- When using credit type payments, use the following format for the values in XML tags: total, first, periodical, number.

  total = firstPayment + (number of payments x periodical payments)
  - In a case of payments deal with stars discount:

    total - starTotal = firstPayment + (number of payments x periodical payments).

    The total tag will include the discount.
- If **cardNo** or **cardId** is used **cardExpiration** becomes mandatory.
- The tags: **total**, **firstPayment** and **periodicalPayment** indicate the value of the total in cents. For example, for the sum of 1.00, enter 100.
- The tags: **starTotal** and **authNumber** are the value of what is received in prior transactions.
- The tag **clubId** is used in telephone and club transactions only.
- **customerData** can be displayed in management screens according to your defined profile.
- **3DSecure Data population**
  - **ECI – eCommerce indicator**
    - The "eci" tag is part of the CG Gateway XML API.
    - eCommerce merchants must fill the eci tag with the appropriate value.
    - Possible values:
      - 5 – Full VbV/secureCode
      - 6 – Cardholder not enrolled / Proof of attempt.
      - 7 – Secure eCommerce.
      - 8 – Non secure eCommerce.
    - The default value will be set to 8 – non-secure.
    - If the merchant is using full secure ECI - VBV (Verified by Visa) or SLI (MasterCard Security Level Indicator) additional tags must be sent cavv and/or xid.
  - **XID (xid)**
    - Transaction identifier resulting from 3DSecure authentication process obtained from an external MPI provider.
    - The value should be Encoded as a 40 Bytes Hexadecimal string (regardless of the card brand being either Visa or Mastercard).

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- **CAVV/UCAF (cavv)**
    - This tag value holds the Visa CAVV or Mastercard UCAF value obtained from the external MPI during the 3DSecure process.
    - The value should be Encoded as a 40 Bytes Hexadecimal string (regardless of the card brand being either Visa or Mastercard).

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- doDeal Response Tags

- The following table presents the doDeal response's XML field tags

XML Field	Field Type	Shva Protocol	Value (Code)	Description
status	Numeric (3-4)			Response result code.
statusText	String			Response text message.
authSource	Enum		None Shva (1) Credit Company (2) VoiceMail (3)	The source of the authorization number.
cardAcquirer	Enum		Isracard (1) Visa (2) Diners (3) Amex (4) Alphacard (6)	The card acquirer. סולק
cardBrand	Enum		PrivateLabel (0) Mastercard (1) Visa (2) Maestro (3) Isracard (5)	The card's brand. amex and diners cards are also considered as private label. מותג
cardId	Numeric(16) or Numeric(36)			The card identifier. The cardId is provided to customers that have purchased the Card ID module. cardId is returned when a card number transaction is performed and the Card ID module is present and configured to produce card id's

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XML Field	Field Type	Shva Protocol	Value (Code)	Description
commReason	Enum		NoComm (Null) Random (1) CreditLimit (2) ConfidentialNumer (3) ServiceCode (4) VerifyOnly (5) AmbiguousBlocked (6) Zfl (7) Initiative (8) Charging (9)	The reason for communicating with ABS.
creditCompany	Enum		Isracard (1) Visa (2) Diners (3) Amex (4) Jcb (5) Alphacard (6)	The credit card company that issued the credit card. The field value indicates the card issuer. The field attribute contains 2 digits: 1. The first digit indicates the card issuer 2. The second digit indicates the card sub-type with the following values: Regular(0) Gold(1) Business(2) Abroad(3) Debit(4) Delek(5) Young(6) Other(7)
cvvStatus	Enum		Absent (0) Valid (1) Invalid (2) NotValidated (3)	Informative field only. The status of the CVV. Valid only if the terminal is configured to check CVV.
idStatus	Enum		Absent (0) Valid (1) Invalid (2) NotValidated (3)	Informative field only. The status of card owner's Israeli ID number (only for Israeli card transaction code). Valid only if the terminal is configured to check id.
intIn	String			Shva 96 protocol for settlement requests.

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XML Field	Field Type	Shva Protocol	Value (Code)	Description
intOt	String			Shva 96 protocol for settlement responses.
cardNo	Numeric (8-19)	B		The number of the credit card returned as sent in the request
total	Numeric (1-8)	C1		Returned as sent in the request
starTotal	Numeric(1-8)	C2		Returned as sent in the request.
transactionType	Enum	D1	Blocked (00) RegularDebit (01) AuthDebit (02) ForcedDebit(03)	Card holder is charged.
			RegularCredit (51) Refund(52) AuthCredit(53)	Card holder is credited.
creditType	Enum	D2	Returned as sent in the request. AdHock (3) is returned when the card type is "Hiyuv Miyadi"	
currency	Enum	D3	Returned as sent in the request.	
transactionCode	Enum	D4	Returned as sent in the request.	
authNumber	AlphaNumeric (3-7)	E		Returned when a transaction is authorized.
firstPayment	Numeric (0-20)	F		Returned as sent in the request.
periodicalPayment	Numeric (0-20)	G		Returned as sent in the request.
numberOfPayments	Numeric (0-20)	H		Returned as sent in the request.

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XML Field	Field Type	Shva Protocol	Value (Code)	Description
slaveTerminalSequence slaveTerminalNumber	Numeric(1-3) Numeric(1-3)	 I		Sudar in Shva. Kupa in Shva. The two tags together with fileNumber are the Shovar number in the acquirer system, a unique number that identifies the transaction in the acquirer system.
validation	Enum	J		Returned as sent in the request.
clubCode	Numeric (1)	Q		Returned as sent in the request.
clubId	Numeric (2-8)	R		Returned as sent in the request.
cardExpiration	Date (4)	T		Returned as sent in the request.
user	String (1-19)	X		Returned as sent in the request.
addonData	Numeric (2-8)	Z		Returned as sent in the request.
cavv	Base64 String	!	cavv returned by MPI	
eci	Numeric (1)	!		ECommerce indicator one position (value returned from the MPI).
cardType	Enum		Local Credit Card (0) Foreign (1) Fuel Card (2) Debit Card (3) Gift Card/Rechargable card (4)	Extended Indication for the credit card identification
cardName	String			Card name. Will be empty when working with English protocol.
cardBin	Numeric(2-6)			Credit card bin number (6 or 2 digits of the card prefix.

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XML Field	Field Type	Shva Protocol	Value (Code)	Description
cardMask	String			Card masked number (i.e 123456XXXX1234).
cardLength	Numeric(2)			The Card number length
fileNumber	Numeric(2)			Transmit file numerator
serviceCode	Numeric(3)			As it was read from track2. in phone transaction will be 000
balance	Numeric(1-8)			FFU
supplierNumber	Numeric(7)			Supplier number (MID)
pfsc	Numeric(1)		Can have empty value	NOT IN USE
pinKeyIn	Numeric(1)		Can have empty value	NOT IN USE
ptc	Numeric(1)		Can have empty value	NOT IN USE
creditGroup	Numeric(1-2)		Can have empty value or spaces	NOT IN USE
acquirerId	String(2)		Can have empty value	Acquirer or Payment method identifier
extendedCardType	String(1-100)		Can have empty value	This feature is available only when installed. Custom card type that can be determined by a merchant's BIN range linkage table.
lifeStyle	Numeric(1)		Can have empty value	This feature is available only when installed. Value of 1 identify a "lifestyle" sub-brand
customCardType	String(1-100)		Can have empty value	This feature is available only when installed. Custom card type that can be determined by a merchant's BIN range linkage table

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XML Field	Field Type	Shva Protocol	Value (Code)	Description
authAmount	Numeric (1-20)		Can have empty value	This feature is available only for Israeli fuel transactions. Indicate the max amount allowed for charge the card holder account.
shiftId1	AlphaNumeric(1-32)		Can have empty value	Shift identifier that can be associated with the transaction. Used for grouping transactions with one single identifier. For more details please advise the "Shift Based Transmit" API document.
shiftId2	AlphaNumeric(1-32)		Can have empty value	Shift identifier that can be associated with the transaction. Used for grouping transactions with one single identifier. For more details please advise the "Shift Based Transmit" API document.
shiftId3	AlphaNumeric(1-32)		Can have empty value	Shift identifier that can be associated with the transaction. Used for grouping transactions with one single identifier. For more details please advise the "Shift Based Transmit" API document.
shiftTxnDate	Date & time		Can have empty value Requested date and time. YYYY-MM-DD hh:mm:ss	Current shift date that can be associated with the transaction. For more details please advise the "Shift Based Transmit" API document.
routeCode	String(1-32)		Can have empty value	This feature is available only when installed. A custom Identifier for route transactions from CG (logic) terminal to "real"/acquire terminal
customerData				Returned as sent in the request.
subCustomerData				Returned as sent in the request.
sectorData				Returned as sent in the request.

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Examples

doDeal (Transaction Request)

Request

```
<ashrait>
     <request>
           <command>doDeal</command>
           <requestId/>
           <dateTime/>
           <version>1001</version>
           <language> Heb|Eng </language>
           <mayBeDuplicate>0|1</mayBeDuplicate>
           <doDeal>
                 <terminalNumber/>
                 <track2/>
                 <cardNo/>
                 <cardId/>
                 <last4D/>
                 <cardExpiration/>
                 <cvv/>
                 <id/>
                 <transactionType/>
                 <creditType/>
                 <currency/>
                 <transactionCode/>
                 <total/>
                 <starTotal/>
                 <authNumber/>
                 <firstPayment/>
                 <periodicalPayment/>
                 <numberOfPayments/>
                 <clubId/>
                 <clubCode/>
                 <validation/>
                 <dealerNumber/>
                 <mainTerminalNumber/>
                 <slaveTerminalNumber/>
                 <eci/>
                 <cavv/>
                 <user/>
                 <delekCode/>
                 <delekQuantity/>
                 <oilSum/>
                 <oilQuantity/>
                 <odometer/>
                 <carNum/>
                 <customerData/>
                 <subCustomerData/>
                 <sectorData/>
           </doDeal>
     </request>
</ashrait>
```


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Additional XML fields may be added according to specific customer needs. Such fields reside under the parent tag <customerData> or <subCustomerData> or <sectorData>

Response

```
<ashrait>
     <response>
           <command>doDeal</command>
           <dateTime>2006-08-07 13:04</dateTime>
           <requestId></requestId>
           <tranId>519172</tranId>
           <result>000</result>
           <message>XXXX</message>
           <userMessage></userMessage>
           <additionalInfo></additionalInfo>
           <version>1001</version>
           <language>Heb</language>
           <doDeal>
                 <status>000</status>
                 <statusText>XXXX</statusText>
                 <cardNo>XXXXXXXXXXXXXXXX</cardNo>
                 <cardId>XXXXXXXXXXXXXXXX</cardId>
                 <cardName>XXXX</cardName>
                 <cardType code="0">Local</cardType>
                 <creditCompany code="23">Visa</creditCompany>
                 <cardBrand code="2">Visa</cardBrand>
                 <cardAcquirer code="2">Visa</cardAcquirer>
                 <cardExpiration>XXXX</cardExpiration>
                 <serviceCode>000</serviceCode>
                 <transactionType code="02">AuthDebit</transactionType>
                 <creditType code="1">RegularCredit</creditType>
                 <currency code="1">ILS</currency>
                 <transactionCode code="50">Phone</transactionCode>
                 <total>200</total>
                 <balance>XXX</balance>
                 <starTotal>0</starTotal>
                 <firstPayment></firstPayment>
                 <periodicalPayment/>
                 <numberOfPayments></numberOfPayments>
                 <clubId></clubId>
                 <clubCode>0</clubCode>
                 <validation code="0">NoParam</validation>
                 <commReason code=" ">NoComm</commReason>
                 <idStatus code="0">Absent</idStatus>
                 <cvvStatus code="0">Absent</cvvStatus>
                 <authSource code="3">VoiceMail</authSource>
                 <authNumber>1111111</authNumber>
                 <fileNumber>15</fileNumber>
                 <slaveTerminalNumber>000</slaveTerminalNumber>
                 <slaveTerminalSequence>470</slaveTerminalSequence>
                 <creditGroup></creditGroup>
                 <pinKeyIn>0</pinKeyIn>
                 <pfsc>0</pfsc>
                 <ptc></ptc>
                 <eci>0</eci>
```


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```
                <cavv code=" "></cavv>
                <user></user>
                <addonData></addonData>
                <intIn>XXXXXX</intIn>
                <intOt>XXXX</intOt>
            </doDeal>
    </response>
</ashrait>
```


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Combined Authorization and Capture Request

- The following example shows a combined authorization and capture request for debiting the credit card holder account.
- The authNumber is returned in the response.

Request

```
<ashrait>
     <request>
           <command>doDeal</command>
           <requestId>23468</requestId>
           <version>1001</version>
           <language>Eng</language>
           <mayBeDuplicate>0</mayBeDuplicate>
           <doDeal>
                 <terminalNumber>0962XXX</terminalNumber>
                 <cardNo>458045XXXXXX4580</cardNo>
                 <cardExpiration>1212</cardExpiration>
                 <creditType>RegularCredit</creditType>
                 <currency>Usd</currency>
                 <transactionCode>Phone</transactionCode>
                 <transactionType>Debit</transactionType>
                 <total>10010</total>
                 <validation>AutoComm</validation>
                 <user>567890</user>
           </doDeal>
     </request>
</ashrait>
```

Response

```
<ashrait>
     <response>
           <command>doDeal</command>
           <dateTime>2009-08-03 17:03</dateTime>
           <requestId>23468</requestId>
           <tranId>7538</tranId>
           <result>000</result>
           <message>Permitted transaction.</message>
           <userMessage>Permitted transaction.</userMessage>
           <additionalInfo/>
           <version>1001</version>
           <language>Eng</language>
           <doDeal>
                 <status>000</status>
                 <statusText>Permitted transaction.</statusText>
                 <terminalNumber>096XXXX</terminalNumber>
                 <cardNo>458045XXXXXX4580</cardNo>
                 <cardType code="1">Foreign</cardType>
                 <creditCompany code="23">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>
```


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```
                    <currency code="2">USD</currency>
                    <transactionCode code="50">Phone</transactionCode>
                    <total>10010</total>
                    <balance/>
                    <starTotal>0</starTotal>
                    <firstPayment/>
                    <periodicalPayment/>
                    <numberOfPayments/>
                    <clubId/>
                    <clubCode>0</clubCode>
                    <validation code="4">AutoComm</validation>
                    <commReason code=" ">NoComm</commReason>
                    <idStatus code="0">Absent</idStatus>
                    <cvvStatus code="0">Absent</cvvStatus>
                    <authSource code="3">VoiceMail</authSource>
                    <authNumber>0111111</authNumber>
                    <fileNumber>27</fileNumber>
                    <slaveTerminalNumber>006</slaveTerminalNumber>
                    <slaveTerminalSequence>060</slaveTerminalSequence>
                    <creditGroup/>
                    <pinKeyIn>0</pinKeyIn>
                    <pfsc>0</pfsc>
                    <eci>0</eci>
                    <cavv code=" "/>
                    <user>567890</user>
                    <addonData/>
                    <supplierNumber>0356896</supplierNumber>
                    <intIn>B4580XXXXXXXXXXXC10010D011250E0111111J4
                         T1212X567890</intIn>
                    <intOt>00000004580XXXXXXXXXX22000412120000010010
000000002021 250 30111111000000000000000000027001001 1 567890</intOt>
               </doDeal>
          </response>
</ashrait>
```


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Authorization Request

Request

- The following example shows an authorization request.

```
<ashrait>
     <request>
           <command>doDeal</command>
           <requestId>23468</requestId>
           <version>1001</version>
           <language>Eng</language>
           <mayBeDuplicate>0</mayBeDuplicate>
           <doDeal>
                 <terminalNumber>096XXXX</terminalNumber>
                 <cardNo>4580458045804580</cardNo>
                 <cardExpiration>1212</cardExpiration>
                 <id>12345678</id>
                 <transactionType>Debit</transactionType>
                 <creditType>RegularCredit</creditType>
                 <currency>USD</currency>
                 <transactionCode>Phone</transactionCode>
                 <total>10010</total>
                 <validation>Verify</validation>
                 <user>567890</user>
           </doDeal>
     </request>
</ashrait>
```

Response

```
<ashrait>
     <response>
           <command>doDeal</command>
           <dateTime>2009-08-03 17:16</dateTime>
           <requestId>23468</requestId>
           <tranId>7541</tranId>
           <result>000</result>
           <message>Permitted transaction.</message>
           <userMessage>Permitted transaction.</userMessage>
           <additionalInfo/>
           <version>1001</version>
           <language>Eng</language>
           <doDeal>
                 <status>000</status>
                 <statusText>Permitted transaction.</statusText>
                 <terminalNumber>096XXXX</terminalNumber>
                 <cardNo>4580458045804580</cardNo>
                 <cardType code="1">Foreign</cardType>
                 <creditCompany code="20">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>
```


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```
                <currency code="2">USD</currency>
                <transactionCode code="50">Phone</transactionCode>
                <total>10010</total>
                <balance/>
                <starTotal>0</starTotal>
                <firstPayment/>
                <periodicalPayment/>
                <numberOfPayments/>
                <clubId/>
                <clubCode/>
                <validation code="5">Verify</validation>
                <commReason code=" ">NoComm</commReason>
                <idStatus code="3">NotValidated</idStatus>
                <cvvStatus code="0">Absent</cvvStatus>
                <authSource code="3">VoiceMail</authSource>
                <authNumber>0111111</authNumber>
                <fileNumber>27</fileNumber>
                <slaveTerminalNumber>001</slaveTerminalNumber>
                <slaveTerminalSequence>001</slaveTerminalSequence>
                <creditGroup/>
                <pinKeyIn/>
                <pfsc/>
                <eci/>
                <cavv code=" "/>
                <user>567890</user>
                <addonData/>
                <supplierNumber>0356896</supplierNumber>
                <intIn>B4580458045804580
                      C10010D011250E0111111J5T1212Y12345678X567890</intIn>
                <intOt>000000045804580458045802200051212300001001O
                      000000002021 250 30111111000000000000000000027001001
1 567890</intOt>
           </doDeal>
     </response>
</ashrait>
```


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Capture Request

Request

- The following example shows a capture request that was sent with the authorization number (authNumber) received from a prior authorization response.
- The example assumes that the autorization number received is 2323787 and the following request, which includes <authNumber>2323787</authNumber>, is sent.

```
<ashrait>
     <request>
           <command>doDeal</command>
           <requestId>23468</requestId>
           <version>1001</version>
           <language>Eng</language>
           <mayBeDuplicate>0</mayBeDuplicate>
           <doDeal>
                 <terminalNumber>0960000</terminalNumber>
                 <cardNo>4580458045804580</cardNo>
                 <cardExpiration>1212</cardExpiration>
                 <transactionType>Debit</transactionType>
                 <creditType>RegularCredit</creditType>
                 <currency>USD</currency>
                 <transactionCode>Phone</transactionCode>
                 <authNumber>2323787</authNumber>
                 <total>10010</total>
                 <validation>AutoComm</validation>
                 <user>567890</user>
           </doDeal>
     </request>
</ashrait>
```

Response

```
<ashrait>
     <response>
           <command>doDeal</command>
           <dateTime>2009-08-03 17:22</dateTime>
           <requestId>23468</requestId>
           <tranId>7543</tranId>
           <result>000</result>
           <message>Permitted transaction.</message>
           <userMessage>Permitted transaction.</userMessage>
           <additionalInfo/>
           <version>1001</version>
           <language>Eng</language>
           <doDeal>
                 <status>000</status>
                 <statusText>Permitted transaction.</statusText>
                 <terminalNumber>0960000</terminalNumber>
                 <cardNo>4580458045804580</cardNo>
                 <cardType code="1">Foreign</cardType>
                 <creditCompany code="23">Visa</creditCompany>
                 <cardBrand code="2">Visa</cardBrand>
                 <cardAcquirer code="2">Visa</cardAcquirer>
                 <serviceCode>000</serviceCode>
```


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```
                <transactionType code="02">AuthDebit</transactionType>
                <creditType code="1">RegularCredit</creditType>
                <currency code="2">USD</currency>
                <transactionCode code="50">Phone</transactionCode>
                <total>10010</total>
                <balance/>
                <starTotal>0</starTotal>
                <firstPayment/>
                <periodicalPayment/>
                <numberOfPayments/>
                <clubId/>
                <clubCode>0</clubCode>
                <validation code="4">AutoComm</validation>
                <commReason code=" ">NoComm</commReason>
                <idStatus code="0">Absent</idStatus>
                <cvvStatus code="0">Absent</cvvStatus>
                <authSource code="3">VoiceMail</authSource>
                <authNumber>2323787</authNumber>
                <fileNumber>27</fileNumber>
                <slaveTerminalNumber>006</slaveTerminalNumber>
                <slaveTerminalSequence>062</slaveTerminalSequence>
                <creditGroup/>
                <pinKeyIn>0</pinKeyIn>
                <pfsc>0</pfsc>
                <eci>0</eci>
                <cavv code=" "/>
                <user>567890</user>
                <addonData/>
                <supplierNumber>0356896</supplierNumber>
                <intIn>B4580458045804580C10010D011250E2323787
J4T1212X567890</intIn>
                <intOt>00000004580458045804580220004121200000010010
 000000002021 250
232378700000000000000000027001001 1 567890</intOt>
           </doDeal>
     </response>
</ashrait>
```


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cardId Request (Transaction using card Token)

Request

- The following example shows a combined authorization and capture request that was sent with the cardId tag.
- This option is only valid when the CardId tokenization module is enabled.
- Please note that CreditGuard's **cardId (token) replaces only the credit card number**, card expiration and additional detaild should be sent as if it was a standard credit card transaction.

```
<ashrait>
     <request>
           <command>doDeal</command>
           <version>1001</version>
           <language>Eng</language>
           <mayBeDuplicate>0</mayBeDuplicate>
           <doDeal>
                 <terminalNumber>0960000</terminalNumber>
                 <cardId>1234567890123456</cardId>
                  <cardExpiration>1212</cardExpiration>
                 <transactionType>Debit</transactionType>
                 <creditType>RegularCredit</creditType>
                 <currency>Usd</currency>
                 <transactionCode>Phone</transactionCode>
                 <total>10010</total>
                 <validation>AutoComm</validation>
                 <user>567890</user>
           </doDeal>
     </request>
</ashrait>
```

Response

```
<ashrait>
     <response>
           <command>doDeal</command>
           <dateTime>2009-08-03 17:48</dateTime>
           <requestId/>
           <tranId>7547</tranId>
           <result>000</result>
           <message>Permitted transaction.</message>
           <userMessage>Permitted transaction.</userMessage>
           <additionalInfo/>
           <version>1001</version>
           <language>Eng</language>
           <doDeal>
                 <status>000</status>
                 <statusText>Permitted transaction.</statusText>
                 <terminalNumber>0960000</terminalNumber>
                 <cardId>1234567890123456</cardId>
                  <cardExpiration>XXXX</cardExpiration>
                 <cardType code="0">Local</cardType>
                 <creditCompany code="22">Visa</creditCompany>
                 <cardBrand code="1">Mastercard</cardBrand>
                 <cardAcquirer code="2">Visa</cardAcquirer>
```


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```
                <serviceCode>000</serviceCode>
                <transactionType code="02">AuthDebit</transactionType>
                <creditType code="1">RegularCredit</creditType>
                <currency code="2">USD</currency>
                <transactionCode code="50">Phone</transactionCode>
                <total>10010</total>
                <balance/>
                <starTotal>0</starTotal>
                <firstPayment/>
                <periodicalPayment/>
                <numberOfPayments/>
                <clubId/>
                <clubCode>0</clubCode>
                <validation code="4">AutoComm</validation>
                <commReason code=" ">NoComm</commReason>
                <idStatus code="0">Absent</idStatus>
                <cvvStatus code="0">Absent</cvvStatus>
                <authSource code="3">VoiceMail</authSource>
                <authNumber>0111111</authNumber>
                <fileNumber>27</fileNumber>
                <slaveTerminalNumber>006</slaveTerminalNumber>
                <slaveTerminalSequence>063</slaveTerminalSequence>
                <creditGroup/>
                <pinKeyIn>0</pinKeyIn>
                <pfsc>0</pfsc>
                <eci>0</eci>
                <cavv code=" "/>
                <user>567890</user>
                <addonData/>
                <supplierNumber>0356896</supplierNumber>
                <intIn>B5477075000000187C10010D011250
E0111111J4T1010X567890</intIn>
                <intOt>00000005477075000000187120004101000000010010
000000002021 250 30111111000000000000000000027001001
 0 567890</intOt>
           </doDeal>
     </response>
</ashrait>
```


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User Data and Sector Specific Data

- 10 user data fields are available via the API
- All of the user data fields are alphanumeric with the length of 128 characters.
- For certain merchant sectors, additional fields need to be sent to the credit companies with the transaction.
- These fields are defined per sector id.
- The API structure is standard for all sectors.
- The name attribute is optional and is added for readability.
- The sector specific tags for implemented sectors will appear in the appendixes.

Request

```
<ashrait>
     <request>
           <command>doDeal</command>
           <requestId>23468</requestId>
           <version>1001</version>
           <language>Eng</language>
           <mayBeDuplicate>0</mayBeDuplicate>
           <doDeal>
                 <terminalNumber>0962XXX</terminalNumber>
                 <cardNo>552183XXXXXXX181</cardNo>
                 <cardExpiration>1212</cardExpiration>
                 <creditType>RegularCredit</creditType>
                 <currency>Usd</currency>
                 <transactionCode>Phone</transactionCode>
                 <transactionType>Debit</transactionType>
                 <total>10010</total>
                 <validation>AutoCommHold</validation>
                 <user>567890</user>
                 <ticketNumber></ticketNumber>
                 <acquirerId/>
                 <customerData/>
                    <userData1/>
                    <userData2/>
                    <userData3/>
                    <userData4/>
                    <userData5/>
                    <userData6/>
                    <userData7/>
                    <userData8/>
                    <userData9/>
                    <userData10/>
                 </customerData>
                 <sectorData>
                       <sectorId>sector id number (fixed)</sectorId>
                       <sectorName>sector name value (fixed)</sectorName>
                       <sectorData1  name='name1'>value1</sectorData1>
                       <sectorData2  name='name2'>value2</sectorData2>
                       <sectorData3  name='name3'>value3</sectorData3>
                       . . . .
```


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```
                    . . . .
                    . . . .
                    <sectorData49 name='name49'>value49</sectorData49>
                    <sectorData50 name='name50'>value50</sectorData50>
               </sectorData>
          </doDeal>
     </request>
</ashrait>
```

Response

The response of a sector specific transaction includes the sectorData tag and sub tags taken from the request.

```
<ashrait>
     <response>
          <command>doDeal</command>
          <dateTime>2009-08-03 18:00</dateTime>
          <requestId>23468</requestId>
          <tranId>7550</tranId>
          <result>000</result>
          <message>Permitted transaction.</message>
          <userMessage>Permitted transaction.</userMessage>
          <additionalInfo/>
          <version>1001</version>
          <language>Eng</language>
          <doDeal>
               <status>000</status>
               <statusText>Permitted transaction.</statusText>
               <terminalNumber>0960000</terminalNumber>
               <cardNo>552183XXXXXXX181</cardNo>
               <cardType code="1">Foreign</cardType>
               <creditCompany code="23">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="2">USD</currency>
               <transactionCode code="50">Phone</transactionCode>
               <total>10010</total>
               <balance/>
               <starTotal>0</starTotal>
               <firstPayment/>
               <periodicalPayment/>
               <numberOfPayments/>
               <clubId/>
               <clubCode>0</clubCode>
               <validation code="9">AutoCommHold</validation>
               <commReason code=" ">NoComm</commReason>
               <idStatus code="0">Absent</idStatus>
               <cvvStatus code="0">Absent</cvvStatus>
               <authSource code="3">VoiceMail</authSource>
               <authNumber>0111111</authNumber>
               <fileNumber>27</fileNumber>
               <slaveTerminalNumber>006</slaveTerminalNumber>
               <slaveTerminalSequence>064</slaveTerminalSequence>
```


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```
                <creditGroup/>
                <pinKeyIn>0</pinKeyIn>
                <pfsc>0</pfsc>
                <eci>0</eci>
                <cavv code=" "/>
                <user>567890</user>
                <addonData/>
                <supplierNumber>0356896</supplierNumber>
 <intIn>B4580458045804580C10010D011250E0111111
J4T1212X567890</intIn>
                <intOt>000000045804580458045802200041212000001001O
 000000002021 250 30111111000000000000000000027001001
1 567890</intOt>
                <sectorData>
                <sectorData1 name="name1">value1</sectorData1>
                <sectorData2 name="name2">value2</sectorData2>
                <sectorData3 name="name3">value3</sectorData3>
                </sectorData>
           </doDeal>
     </response>
</ashrait>
```


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Transaction Release Request

- The API allow to perform combined authorization and capture transactions which are delayed (held) by the gateway and not settled automatically.
- This is obtained by performing the doDeal request with "validation" tag value of "AutoCommHold" or J9.
- Those transactions can be performed by using a card number, cardId or Track2 and can be released for settlement by using a subsequent doDeal request with "validation" tag value of "AutoCommRelease" or J109 and the original transaction Track2, card number or cardId.
- The original transaction is then identified by all transaction attributes and unique transaction identifier (transaction "tranId" or "user" tags)
- If releasing transaction with the "user" tag. The same "user" value should be sent in both the autoCommHold transaction and autoCommRelease.

autoCommHold Request (using card Number)

```
<ashrait>
    <request>
        <version>1000</version>
        <language>ENG</language>
        <dateTime/>
        <requestid/>
        <command>doDeal</command>
        <doDeal>
            <terminalNumber>0962832</terminalNumber>
            <cardNo>4580000000000000</cardNo>
            <cardExpiration>1217</cardExpiration>
            <cardId></cardId>
            <transactionType>Debit</transactionType>
            <creditType>RegularCredit</creditType>
            <currency>ILS</currency>
            <transactionCode>Phone</transactionCode>
            <total>1000</total>
            <validation>AutoCommHold</validation>
            <cvv>123</cvv>
            <user/>
        </doDeal>
    </request>
```

autoCommHold Response (contain cardId)

```
<ashrait>
    <response>
        <command>doDeal</command>
        <dateTime>2017-02-26 17:06</dateTime>
        <requestId></requestId>
        <tranId>10163942</tranId>
        <result>000</result>
        <message>Permitted transaction.</message>
        <userMessage>Permitted transaction.</userMessage>
```


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```
        <additionalInfo></additionalInfo>
        <version>1000</version>
        <language>ENG</language>
        <doDeal>
            <status>000</status>
            <statusText>Permitted transaction.</statusText>
            <terminalNumber>0962832</terminalNumber>
            <cardId>1015006186200000</cardId>
            <cardBin>458000</cardBin>
            <cardMask>458000******0000</cardMask>
            <cardLength>16</cardLength>
            <cardNo>xxxxxxxxxxxx0000</cardNo>
            <cardName>laC )ויזה(</cardName>
            <cardExpiration>1217</cardExpiration>
            <cardType code="0">Local</cardType>
            <extendedCardType>Credit</extendedCardType>
            <lifeStyle></lifeStyle>
            <customCardType></customCardType>
            <creditCompany code="20">Visa</creditCompany>
            <cardBrand code="2">Visa</cardBrand>
            <cardAcquirer code="6">Alphacard</cardAcquirer>
            <serviceCode>000</serviceCode>
            <transactionType code="02">AuthDebit</transactionType>
            <creditType code="1">RegularCredit</creditType>
            <currency code="1">ILS</currency>
            <transactionCode code="50">Phone</transactionCode>
            <total>1000</total>
            <balance></balance>
            <starTotal>0</starTotal>
            <firstPayment></firstPayment>
            <periodicalPayment></periodicalPayment>
            <numberOfPayments></numberOfPayments>
            <clubId></clubId>
            <clubCode>0</clubCode>
            <validation code="9">AutoCommHold</validation>
            <commReason code=""></commReason>
            <idStatus code="0">Absent</idStatus>
            <cvvStatus code="3">NotValidated</cvvStatus>
            <authSource code="3">VoiceMail</authSource>
            <authNumber>5562706</authNumber>
            <fileNumber>41</fileNumber>
            <slaveTerminalNumber>301</slaveTerminalNumber>
            <slaveTerminalSequence>291</slaveTerminalSequence>
            <creditGroup></creditGroup>
            <pinKeyIn>0</pinKeyIn>
            <pfsc>0</pfsc>
            <eci>0</eci>
            <cavv code=" "></cavv>
            <user></user>
            <addonData></addonData>
            <supplierNumber>0225821</supplierNumber>
            <intIn>Bxxxxxxx0000C1000D011150E5562706J4TxxxxUxxx</intIn>
            <intOt>0000xxxxxxxxxxxxxx0000260004xxxx0300001000 000000002021
150 3556270600000000000000000041001001 (הזיו) Cal0 </intOt>
            <id></id>
            <shiftId1></shiftId1>
            <shiftId2></shiftId2>
```


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```
            <shiftId3></shiftId3>
            <shiftTxnDate></shiftTxnDate>
            <authAmount></authAmount>
        </doDeal>
    </response>
</ashrait>
```

autoCommReleaseRequest (using tranId and cardId of the original transaction)

```
<ashrait>
    <request>
        <version>1000</version>
        <language>ENG</language>
        <dateTime/>
        <requestid/>
        <command>doDeal</command>
        <doDeal>
            <terminalNumber>0962832</terminalNumber>
            <validation>AutoCommRelease</validation>
            <tranId>10163942</tranId>
            <cardId>1015006186200000</cardId>
            <transactionType>Debit</transactionType>
            <creditType>RegularCredit</creditType>
            <currency>ILS</currency>
            <transactionCode>Phone</transactionCode>
        </doDeal>
    </request>
</ashrait>
```

autoCommRelease Response (transaction is now released for settlement)

```
<ashrait>
    <response>
        <command>doDeal</command>
        <dateTime>2017-02-26 17:14</dateTime>
        <requestId></requestId>
        <tranId>10164031</tranId>
        <result>000</result>
        <message>Permitted transaction.</message>
        <userMessage>Permitted transaction.</userMessage>
        <additionalInfo></additionalInfo>
        <version>1000</version>
        <language>ENG</language>
        <doDeal>
            <status>000</status>
            <statusText>Permitted transaction.</statusText>
            <terminalNumber>0962832</terminalNumber>
            <cardId>1015006186200000</cardId>
            <cardBin>458000</cardBin>
            <cardMask>458000******0000</cardMask>
            <cardLength>16</cardLength>
            <cardNo>xxxxxxxxxxxx0000</cardNo>
            <cardName></cardName>
            <cardExpiration>1217</cardExpiration>
            <cardType code="0">Local</cardType>
            <creditCompany code="20">Visa</creditCompany>
```


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```
            <cardBrand code="2">Visa</cardBrand>
            <cardAcquirer code="6">Alphacard</cardAcquirer>
            <serviceCode></serviceCode>
            <transactionType code="01">RegularDebit</transactionType>
            <creditType code="1">RegularCredit</creditType>
            <currency code="1">ILS</currency>
            <transactionCode code="50">Phone</transactionCode>
            <total>1000</total>
            <balance></balance>
            <starTotal>0</starTotal>
            <firstPayment></firstPayment>
            <periodicalPayment></periodicalPayment>
            <numberOfPayments></numberOfPayments>
            <clubId></clubId>
            <clubCode>0</clubCode>
            <validation code="109">AutoCommRelease</validation>
            <commReason code=""></commReason>
            <idStatus code=""></idStatus>
            <cvvStatus code="3">NotValidated</cvvStatus>
            <authSource code=""></authSource>
            <authNumber>5562706</authNumber>
            <fileNumber></fileNumber>
            <slaveTerminalNumber></slaveTerminalNumber>
            <slaveTerminalSequence></slaveTerminalSequence>
            <creditGroup></creditGroup>
            <pinKeyIn>0</pinKeyIn>
            <pfsc>0</pfsc>
            <eci>0</eci>
            <cavv code=""></cavv>
            <user></user>
            <addonData></addonData>
            <supplierNumber>0225821</supplierNumber>

<intIn>Bxxxxxxx0000C1000*0D011150E5562706J109S0000000Txxxx\!0</intIn>
            <intOt></intOt>
            <id></id>
            <shiftId1></shiftId1>
            <shiftId2></shiftId2>
            <shiftId3></shiftId3>
            <shiftTxnDate></shiftTxnDate>
            <authAmount></authAmount>
            <customerData>
                <userData1></userData1>
                <userData2></userData2>
                <userData3></userData3>
                <userData4></userData4>
                <userData5></userData5>
                <userData6></userData6>
                <userData7></userData7>
                <userData8></userData8>
                <userData9></userData9>
                <userData10></userData10>
                <routeCode></routeCode>
            </customerData>
        </doDeal>
    </response>
</ashrait>
```


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