Authorize

This command requests a payment authorization at the processor or adds a voice authorization code to PWC. START command must be sent to open the session for Authorization.

Configuration Parameter

- Refer to Authorization Parameters table for the required parameters on Authorization.

AUTHORIZE (Message Interface)

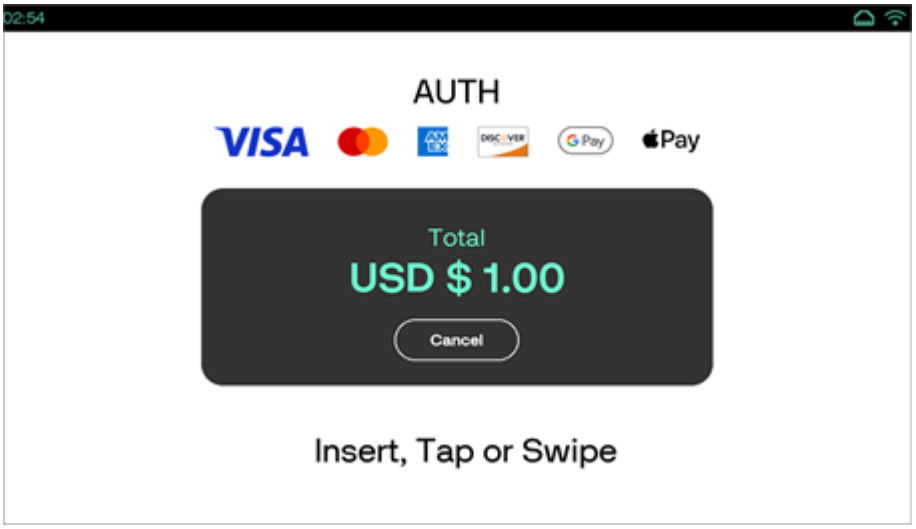
The following tables provide corresponding device UI interactions, detailed protocol information, including field descriptions and examples.

Device UI Required

Note

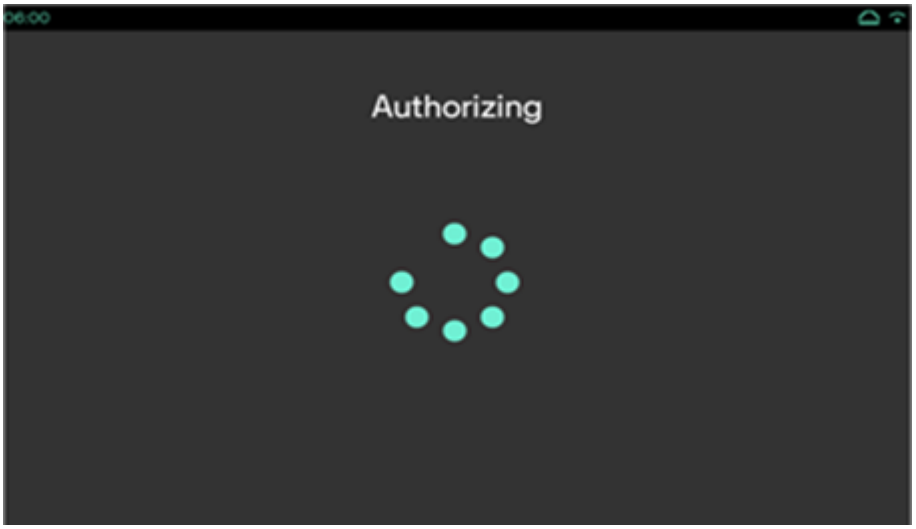
Neo device (M450) is being used to capture screenshots for the Device UI Requirement section.

Display	User Action	Terminal Action



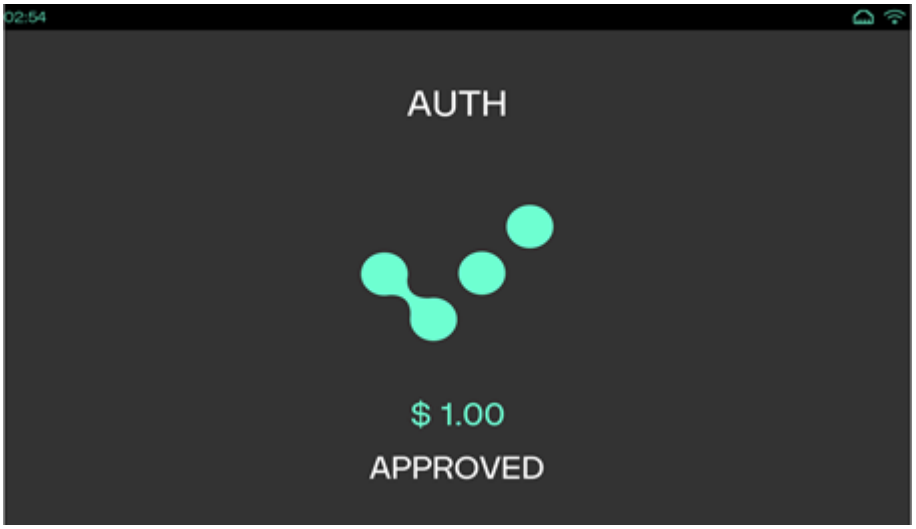
Use the card entry mode for autorization.

The device displays card entry screen.



No action

The device displays authorizing screen.



No action

The device displays the Authorization status screen.

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	
FUNCTION_TYPE	Required	Static value	N/A	N/A	PAYMENT	Type of func

Field	Rule	Type	Minimum	Maximum	Value(s)	
COMMAND	Required	Static value	N/A	N/A	AUTH	Command na
TRANS_AMOUNT	Required	Floating point number	1(2)	6(2)		Transaction a
PAYMENT_TYPE	Optional	List			• CREDIT • GIFT • PRIV_LBL	When presen selection scr (GIFT only). Credit card o mandatory fo
AUTH_CODE	Conditional	Character	1	16		When presen offline as a V credit card o Rapid Conne **Example:** T
MANUAL_ENTRY	Optional	Boolean			TRUE or FALSE	Instructs Poi through the k than TRUE i
CUSTOMER_STREET	Optional	Character	1	20		Applicable w Merchants sh required by t customers us
CUSTOMER_ZIP	Optional	Character		9		Applicable w Merchants sh required by t customers us
CARD_PRESENT	Optional	Binary			• TRUE - Card present (Default) • FALSE - Card not present	Card Present
MANUAL_PROMPT_OPTIONS	Optional	Character	1	50	NOEXP	Applicable w with VOICE present, SCA is applicable
BILLPAY	Optional	Boolean	1	1	TRUE or FALSE	This is used applicable to
FORCE_FLAG	Conditional	Boolean			True or FALSE	This field is for the transa parameter (A value should duplicate che

Field	Rule	Type	Minimum	Maximum	Value(s)	
CAPTURECARD_EARLYRETURN	Optional	Boolean			TRUE or FALSE	If the sendin returns card BIN checkin masked PAN example resp from the swi subsequent C tender type. for more deta
EMV_TAGS_REQD	Conditional	Binary			Valid values: Y/N	EMV tags de request to ret only in case CAPTUREC TRUE.
ENCRYPT	Conditional	Boolean			TRUE or FALSE	This field is before passi of P2PE encr TRUE as val application w TRUE when
SCMCI_INDICATOR	Optional	Numeric			• 1 - Cardholder Initiated Signup Transaction. • 2 - Cardholder Initiated Charge Transaction. (UGP and Fiserv) • 2 - Merchant Initiated Charge Transaction. (Worldpay Direct and UGP) • 3 - Merchant Initiated Charge Transaction.	This field de Transaction stored creden be set as 1. • • • •

Field	Rule	Type	Minimum	Maximum	Value(s)	
SCMCI_REASON	Conditional	Numeric			• 3900 - Incremental Authorization • 3901 - Resubmission • 3902 - Delayed Charges • 3903 - Reauthorization • 3904 - No Show • 0000 - No message reason code	This field inc the SCMCI i field. **NOTE**
INSTALLMENT	Conditional	Character			• N - Transaction will not be processed for instalment payment. • Y - Transaction will be processed for instalment payment. • F - For first transaction.	This field de transaction w payments - S fixed payme Rules: Value and **Fi** are ap

Field	Rule	Type	Minimum	Maximum	Value(s)	
RECURRING	Conditional	Character			• N - Transaction will not be processed for instalment payment. • Y - Transaction will be processed for instalment payment. • F - For first transaction	This is used field denotes transaction is Credential tr transaction w (subscription Rules: Value and **Fi** are app
UNSCHEDULED	Conditional	Binary			• N - Transaction will not be processed for unscheduled payment. • Y - Transaction will be processed for unscheduled payment.	This field de transaction w payments (m fixed schedu Rules: This is solutio

Field	Rule	Type	Minimum	Maximum	Value(s)	
CDD_DATA	Optional	Character	1	10000	Ex: INV200471	Customer De the datatype it is passed in present in the POS respons payment tran processor, SC data. For oth characters of `INV20047`
DEPARTMENT_CODE	Optional	Character		40		Department c field in the P forwarded in `DEPARTMEN` `DEPARTMEN`
TOKEN_TYPE	Optional	Character			LVT (Low Value Token)	Token type. Value Token transactional expiration. T manner as th Token (HVT HVT will be to '0' and the TOKEN_TY request an LV Worldpay Di Parameters ta parameter.
PROMO_SPECIAL_FIN_IND	Optional	Character	2	2	Ex: 02	Promo Speci promotional This field wi promotional field is appli PROMO fiel
PROMO_PLAN_CODE	Optional	Character	3	3	Ex: A54	Promo Plan C promotional Retail Specia publication, t Refer to Not details.

Field	Rule	Type	Minimum	Maximum	Value(s)	
PROMO_PLAN_EXP_DATE	Optional	Character	10	10		Promo Plan I promotional passthrough POS receives gateway to c field is appli yyyy-mm-dd Notes on PR
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These fields These fields internal POS additional da CLIENT_ID COL_n is pa returned in th not indexed, These fields processor. Th request. **Exa**
PARTNER_ID	Optional	Character	1	100		This is a unic agreements, integrator (S applicable to
CUSTOMER_ID	Optional	Character	1	100		Customer Ide the POS requ Host. **NOTE**
POS_RECON	Optional	Character	1	30		POS reconci echoed back RetailPOS1
COUNTER	Required	Numeric	1	10		COUNTER i COUNTER s This is used 100
MAC	Required	Base64 Encoded Data				Message Aut authenticate
MAC_LABEL	Required	Character	1	50		Associated la MAC_KEY This is used REG1

Level II

Field	Rule	Type	Minimum	Maximum	Value(s)	Descripti

TAX_AMOUNT	Conditional	Floating point number	1(2)	6(2)		Tax amount. **Exa** 5.00
TAX_IND	Conditional	List			Valid values: • 0 - Tax not provided • 1 - Tax amount not equal to 0.00 • 2 - Tax amount equals 0.00	Tax indicator.
CMRCL_FLAG	Conditional	List			Valid values: • B - Business • C - Corporate • P - Purchasing	Commercial flag
• RETAIL_ITEM_DESC_1 • RETAIL_ITEM_DESC_2 • RETAIL_ITEM_DESC_3 • RETAIL_ITEM_DESC_4	Conditional	Character	1	40	Default is (empty)	Items description four item descrip be sent from POS separator '|'. RETAIL_ITEM_ RETAIL_ITEM_ and RETAIL_ITEM_ are applicable fo GSC Solution or
DEST_POSTAL_CODE	Conditional	Numeric	1	9		This field contai customer's shipp address postal co applicable to the solution and is m CUSTOMER_ZI
DEST_COUNTRY_CODE	Conditional	Numeric	1	3		This is the custo Country code for shipping address applicable to SC Solution only.

Keyed Account Information for Gift Card and Credit Card Payment Types Only

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
ACCT_NUM	Optional	Numeric	1	25		This field is used to enter the account number manually. For this MANUAL_ENTRY must be set to TRUE. Pre-swipe data will not be honored. **Example:** 67823456781313
CARD_EXP_MONTH	Optional	Numeric	2	2		Card expiry month. **Example:** 12
CARD_EXP_YEAR	Optional	Numeric	2	2		Card expiry year. **Example:** 49
BARCODE	Optional	Character	1	100		Barcode scanning option.
PIN_CODE	Optional	Numeric	1	10		PIN code.
CVV2	Optional	Numeric	1	10		Card Verification Value 2.

Processor-Based Token (Conditional)

Note

For use with host based processors supporting card based token implementations.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
TKN_RENEW	Conditional	Character		1	Valid value: 1	Application will send this field to the Gateway, requesting for Token renewal. As of this publication, this is applicable for UGP only.
CARD_TOKEN	Conditional	Character	1	40		Card token is processor-based or gateway-based and can represent a unique card. Refer to Two Way Card Token section. **Example:** 7987654321098765

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
DCC_IND	Conditional	Numeric	1	1	Values: • 2 - Transaction is not eligible for DCC. • 3 - Transaction is DCC eligible yet cardholder has not accepted the option.	DCC Indicator.
CARD_EXP_MONTH	Conditional	Numeric	2	2		Card expiry month details are required when sending AUTH_CODE and CARD_TOKEN. This is applicable to Point SCA First Data Rapid Connect and Direct to Vantiv implementations only.
CARD_EXP_YEAR	Conditional	Numeric	2	2		Card expiry year details are required when sending AUTH_CODE and CARD_TOKEN. This is applicable to Point SCA First Data Rapid Connect and Direct to Vantiv implementations only..
BANK_USERDATA	Conditional	Character	1	50		Returned with CARD_TOKEN. Whatever comes back with BANK_USERDATA in the response for the token should also be sent in the request. **Example:** Ex: 01/00/02/Visa/

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
OC_INDUSTRY_CODE	Conditional	Character			Valid values: • E - eCommerce • M - Moto. Default is empty.	This is used to convert a transaction from the Merchants default industry of Retail or Restaurant to E-Commerce or MOTO. This is applicable in case of UGP host only.

Stored Credential on File transaction - Worldpay

Note

- The following fields are specific to **WorldPay** only.
- These are added for Credential on File transaction, in which a cardholder explicitly authorizes the merchant to store the cardholder's account information and subsequently authorizes that same merchant to bill them.
- Credential on File transaction option is supported only in Credit payment type.
- CUSTOMER_ID, CUSTOMER_EMAIL, CUSTOMER_PHONE_NUM tags will be sent from POS in G059 (Customer Order Information) in the request packet and CUSTOMER_NAME_ON_CARD tag will be sent from POS in G063 (Merchant Fraud Customer Name) in the request packet.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
CUSTOMER_ID	Optional	Conditional	0	32		Customer order ID.
CUSTOMER_EMAIL	Optional	Conditional	0	64		Customer email.
CUSTOMER_PHONE_NUM	Optional	Numeric		10		Customer phone number.
CUSTOMER_NAME_ON_CARD	Optional	Conditional	0	20		Customer name on card.

Stored Credential Charge transaction (Conditional)

Note

All the fields are applicable for GSC. However, for UGP solution only COF_REFERENCE field is applicable and for Fiserv solution only COF_SCHEME_REFERENCE_DATA field is applicable. Refer to Stored Credential transaction for the sample request and response.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description

COF_REFERENCE	Reruired	Character	Maximum length 50	For GSC, this is the Sign Reference UUID. For UGP, this is SCMCI host field for charge transactio
COF_PROCESSOR_TRANS_ID	Optional	Character	Maximum length 128	Signup Processor Transaction ID. Maps to POS Request field: PROCESSOR_TRANS_
COF_ISSUER_AUTH_RESULT	Optional	Character	Maximum length 50	Signup Issuer Authorisation Result.
COF_ACQ_AUTH_RESULT	Optional	Character	Maximum length 50	Signup Acquirer Authorisation Result.
COF_ACQ_REFERENCE_DATA	Required	Character	Maximum length 200	Signup Acquirer Referen Data.
COF_SCHEME_REFERENCE_DATA	Optional	Character	Maximum length 200	Signup Scheme Referenc Data.
COF_AUTH_CODE	Required	Numeric	Maximum length 10	Signup Authorisation Code. Maps to POS Request field: AUTH_CODE
COF_ACQ_RESP_DATETIME	Required	Character	Maximum length 30	Signup Acquirer Respons Date/Time. Maps to POS Request field: ACQUIRER_DATETIM
COF_SETTLEMENT_DATE	Optional	Character	Maximum length 30	Signup Settlement Date.

Checks

Note

Supported Payment type is CHECK_SALE only. Refer to Example for Check Transaction for the sample request and response. This is applicable to GSC only.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MICR	Conditional	Character		128		Check transactions with MI **Example:** T999999992T12345678901
ABA_NUM	Conditional	Numeric		10		Required if MICR not sent. **Example:** 123456789
ACCT_NUM	Conditional	Numeric	6	40		Required if MICR not sent. **Example:** 656565656565

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
CHECK_NUM	Conditional	Numeric		10		Required if MICR not sent. **Example:** 1234
CHECK_TYPE	Required	List	1	1	Valid Values: • 0 - Personal Cheque (Default) • 1 - Company Cheque • 2 - Payroll • 3 - Government Cheque • 4 - Cash • 5 - Insurance Cheque • 6 - Travelers Cheque • 7 - Tax Government • 8 - Tax non-government	This field defines the type o based on the provided value
DL_STATE	Optional	Character	2	2		Driver's license state abbrev **Example:** CA
DL_NUMBER	Optional	Character	1	12		Driver's license number. Fo the maximum length for DL_NUMBER is 16 charac **Example:** A1234567
CUSTOMER_DOB	Optional	Numeric	8	8		Date of Birth (MMDDYYY **Example:** 01281974

Fleet Card Transaction

Note

This section is applicable to GSC only. Maximum of eight (8) Item lists are allowed for each transaction. Refer to Fleet Card Support for more details on this feature.

ITEM_LIST

Field	Rule	Type	Minimum	Maximum Value(s)	Description
PROD_CODE	Required	Numeric		3	This is the product code. **Example:** 102
QUANTITY	Required	Numeric			Item quantity. **Example:** 1.000
UNIT_PRICE	Required	Floating point number	1(2)	6(2)	Single item price without tax. **Example:** 10.00
UNIT_OF_MEASURE	Required	Character			A standardized quantity used to express the unit of the item.
DESCRIPTION	Required	Character			Text description of the item.
CATEGORY	Required	Character			**Example:** N
TOTAL	Required	Floating point number	1(2)	6(2)	This field indicates the total price including Tax. **Example:** 12.00
TAX	Optional	Floating point number	1(2)	6(2)	Tax amount of the transaction. **Example:** 2.00

Multi Merchant Transaction

Refer to Multi Merchant Support for more details on this feature.

Note

For Multi Merchant transactions, either of the field is mandatory to send in POS request.

Field	Rule	Type	Minimum	Maximum Value(s)	Description
MMACCOUNT	Conditional	Character	1	20	This field contains the Multi Merchant Account number or account name, which is used by the application to identify the correct Client ID and Device Key to be used for performing Host operations like Transactions and Reports. This field is mandatory if the device has a Multi Merchant setup on-boarding and if DEFAULTMERCHANTACCOUNT parameter is not set. **Example:** 123456789/ 121212/ zxcvbnmQWERTY1
MMPIN	Conditional	Character	6	6	This field contains PIN value which will be used for MMACCOUNT authentication. MMPIN update and setup is handled on PWC portal. The default value is usually the same as MMACCOUNT. **Example:** 001212/ 123456

Note

- **PROMO_SPECIAL_FIN_IND, PROMO_PLAN_CODE and PROMO_PLAN_EXP_DATE** fields are applicable for Post Authorization transactions.
- If **PROMO_PLAN_CODE** is sent and **PROMO_SPECIAL_FIN_IND** is not sent, then the Promo Special Financial Indicator will consider the configured value from **PROMOSPECIALFININD** parameter.
- If **PROMO_PLAN_CODE** is sent and **PROMO_PLAN_EXP_DATE** is not sent, then the Promo Expiry Date will consider the configured value from **PROMOEXPIRYDATE** parameter.

Example

Following is an example of request packet

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <COUNTER>1</COUNTER>
        <MAC> … </MAC>
        <MAC_LABEL>REG2</MAC_LABEL>
        <TRANS_AMOUNT>1.00</TRANS_AMOUNT>
        <RECURRING>Y</RECURRING>
        <BILLPAY>TRUE</BILLPAY>
        <OC_INDUSTRY_CODE>M</OC_INDUSTRY_CODE>
        <ENCRYPT>TRUE</ENCRYPT>
        <SCMCI_INDICATOR>2</SCMCI_INDICATOR>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character	Ex: APPROVED: A :AP	Processor response text
RESULT	Character	Ex: APPROVED	This indicates the Result details. Commonly APPROVED or DECLINED.
RESULT_CODE	Numeric	Expected result code: • 5 - Approved (RCHI/CPHI) • 6 - DECLINED • 59074 - Call for Auth	This indicates the result code. Refer to Result/Error Codes for details.

Field	Type	Value	Description
RESPONSE_CODE	Character	A and E	Response code data will be returned to POS, same as received from the Host if this is present in Host response. **Example:** `<RESPONSE_CODE>E</RESPONSE_CODE>`
TERMINATION_STATUS	Character	SUCCESS or FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 100
TRANS_SEQ_NUM	Numeric		Processor/Batch trans sequence number (not meaningful for direct host integrations). For private label transaction (ADS), PT_SEQ_NUM field will be mapped to TRANS_SEQ_NUM and TROUTD fields back to SCA. **Example:** 000042
INTRN_SEQ_NUM	Numeric		PWC transaction ID (not meaningful for direct host integrations). **Example:** 000042
TROUTD	Numeric		Transaction routing ID. **Example:** 123456789. Refer to Responses from Point for more details on TROUTD.
CTROUTD	Numeric		Client-specific Transaction routing ID. **Example:** 45. Refer to Responses from Point for more details on CTROUTD.
LPTOKEN	Numeric		LP Token is a non-sensitive unique number assigned to each unique card number processed with the UGP gateway. This value will automatically increment by one for each unique card number. This is a conditional field. Refer to Responses from Point section in Message Format. **Example:** 12357
TOKEN_TYPE	Character		Returns low value token type, if sent as the query request field. This field is applicable for Worldpay Direct only.

Field	Type	Value	Description
TKN_EXPDATE			Token expiration date. May be sent on Payment Transaction or Token Query transaction to override default expiration date assigned to the Token. **Example:** 07022021
TKN_MATCHING			Matching Token. This is a non-reversible token used for matching purposes. For example, loyalty tracking. **Example:** 3278483765646148999
EMV_TAGS	Character		This is returned for Early Card Capture payment flows for Non PCI card BIN ranges, only when EMV_TAGS_REQD is sent as Y.
CMRCL_FLAG	Character	P (purchase card)	This is returned for Early Card Capture payment flows, when the application analyses the card as Purchase card through the BIN ranges data using CommercialCards.DB. **Example:** `< CMRCL_FLAG>P</CMRCL_FLAG>`
TKN_USED		• 0 - Token not used • 1 - Token used	Whether the Token is used.
PAYMENT_MEDIA	Character	Commonly VISA/ MC/ DISC/ AMEX/ DEBIT	Mode of payment. Value returned by device for an offline (SAF) response may differ from online.
PAYMENT_TYPE	Character		Type of payment. **Example:** CREDIT, GIFT
ACCT_NUM	Numeric		Returned the masked account number. **Example:** 400555******0019
AUTH_CODE	Character		Processor authorization number. **Example:** TA0156
AVAILABLE_BALANCE	Floating point number		Available balance on the card used for transaction. This field will be returned to POS, when the Host returns the Available Balance data. SCA application sends <BALANCE_ENQ> as Host request field and based on the processor, it returns the Available Balance, and SCA will send it back to POS. **Example:** 0.01
APPROVED_AMOUNT	Floating point number		Amount approved on authorization. **Example:** 5.00
ORIG_TRANS_AMOUNT	Floating point number		Original transaction amount. **Example:** 5.00

Field	Type	Value	Description
CARD_ENTRY_MODE	Character		Returns card entry mode values. Refer to Card Entry Mode for details on possible values. **Example:** Swiped. Refer to Card Entry Mode for more details.
CARDHOLDER	Character		Returns for swiped/insert transactions. **Example:** MC TEST
CARD_EXP_MONTH	Numeric		Card expiry month. **Example:** 12
CARD_EXP_YEAR	Numeric		Card expiry year. **Example:** 20
AVS_CODE	Character		Result of AVS check. **Example:** Z
CVV2_CODE	Character		Result of CVV2 check. **Example:** M
MERCHID	Numeric		Merchant ID. **Example:** 900000000123
TERMID	Numeric		Terminal ID. **Example:** 001
SERVER_ID	Numeric		Echoes what is sent in START request. **Example:** 10
CASHIER_ID	Character		Echoes what is sent in START request. **Example:** 10
REFERENCE	Character		Returned by some processors. **Example:** 100007265288
TRACE_CODE	Character		Returned by some processors for tracking purposes. **Example:** 119517
DEPARTMENT_CODE	Character		Application returns the field on the POS Response. If value of this field gets changed in the host response, then the updated value will be sent to POS.
MERCH_DECL	Character	Values return: • 100-AVS MISMATCH • 200-CVV MISMATCH • 300-AVS/CVV MISMATCH	Merchant decline codes will return when this is configured. It returns when declined by Host due to AVS/CVV mismatch.
MERCH_REF	Character	Values return: • AVS MISMATCH • CVV MISMATCH	Merchant reference will return when this is configured. It returns when declined by Host due to AVS/CVV mismatch.
AUTH_RESP_CODE	Character		Returned by some processors when the transaction is declined. The code is maximum of 19 bytes. **Example:** 0131

Field	Type	Value	Description
SAF_NUM	Numeric		Returned instead of CTROUTD when transaction has been put in SAF. SAF number is per device. **Example:** 0008
RECEIPT_DATA	Character		Refer to Receipt Data in Response section for more details.
TRAN_LANG_CODE	Character	• en – English • fr – French • es – Spanish	This field contains the language code for the current transaction which is finalized based on the configured language on terminal and language preference from the card. This field will be returned only whenever the Card data is captured from cardholder during transaction flow. If Language code is not available from card, then terminal language will be returned. This field needs to be added for the below transaction flows.
TRANS_DATE	Character		Transaction date returned. **Example:** 2016.09.20
TRANS_TIME	Character		Transaction time returned. **Example:** 09:16:25
TRAINING_MODE	Character	ON or OFF	Conditionally returned when session is in Training Mode.
VSP_CODE	Numeric		If present, returns the VSP code. **Example:** 100
VSP_RESULTDESC	Character		If present, returns the VSP result description. **Example:** Success
VSP_TRXID	Numeric		If present, returns the VSP transaction ID. **Example:** 987696060049091234
PPCV	Character		This field is sent from the Host Response to POS Response, without any change. **Example:** CBCC.WSI
TRACE_NUM	Numeric		This field is sent from the Host Response. This field contains the Interac Sequence number from the host. **Example:** 1400040000000004001951
CDD_DATA	Character		Customer Defined Data field is returned in POS response when it is present in the POS request and passed in the host request. **Example:** `<CDD_DATA> INV200471</CDD_DATA>`
SIGNATUREDATA	Base 64 encoded data		Signature data.

Field	Type	Value	Description
TRANS_CURRENCY_CODE	Numeric		This is the currency code of the transaction. This field is sent from POS to identify if it is US or Canada transaction. **Example:** • For USA, POS response is: <TRANS_CURRENCY_CODE>0840</TRANS_CURRENCY_CODE> • For Canada, POS response: <TRANS_CURRENCY_CODE>0124</TRANS_CURRENCY_CODE>
DCC_IND	Numeric	Values: • 1 - Transaction is DCC eligible and cardholder has accepted the option. • 2 - Transaction is not eligible for DCC. • 3 - Transaction is DCC eligible yet cardholder has not accepted the option.	DCC Indicator.
PROMO_SPECIAL_FIN_IND	Character	Ex: 02	This field is used to request the promotional APR(s) (Annual Percentage Rate). This field will also contain the result of the promotional requests. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.

Field	Type	Value	Description
PROMO_APR_FLAG	Character	Ex: 10	This field identifies the type of the APR, which will be applied during the promotional period. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.
PROMO_APR	Character		This field contains the APR, which will be applied during the promotional period. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.
AFTER_PROMO_FLAG	Character	Ex: 01	This field identifies the type of the APR, which will be applied after the promotional period. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.
AFTER_PROMO_APR	Character		This field contains the APR, which will be applied after the promotional period. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.
PROMO_DURATION	Character		This field contains the promo duration. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.
PROMO_DESCRIPTION	Character		This field contains the promo description. This field is also applicable for Post Authorization transactions. As of this publication, this field is applicable for GSC only.
AUTH_REF_NUMBER	Character	Example: 123456789012345 Or It can be empty	This tag returns in the host response with the value for the particular transaction. This is used by some merchants to refer to the transaction at the host side. Currently this is applicable only for Worldpay processor.
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Character		Column 3 to Column 10 fields value will be echoed in POS response. These fields are not sent to any payment processor.

Field	Type	Value	Description
CUSTOMER_ID	Character		The field value provided by the host takes precedence over the value specified in the request. **NOTE** This is applicable to GSC only.

Check

Field	Type	Value	Comments
ACH_TRANSACTION_STATUS	Numeric	• Hyphen - Error or Referral • 0 - Paper Authorization Only; Keep Check for Deposit / Approved but not ACH eligible • 1 - ACH Approved • 3 - Risk Decline • 4 - Negative Decline	Check response field conditionally returned in the check transaction Response Packet. If this tag is not present, then the user needs to use the Display Text field information to complete the transaction. • With value 0, Cheque is not eligible for Electronic Check payment and Completion is not required, and Cheque needs to be deposited. • With value 1, Cheque is eligible for Electronic Check payment, and Completion should be done if the customer selects for this option.

Processor-Based Token (Conditional)

Note

For use with host based processors supporting card based token implementations.

Field	Type	Value	Comments
CARD_TOKEN	Character		Card token. **Example:** 7987654321098765. Refer to Card Tokens for more details on this field.
TOKEN_SOURCE	Character		Source of token. **Example:** PWC
BANK_USERDATA	Character		Bank User Data, normally returned with CARD_TOKEN. Maximum 50 alphanumeric. **Example:** /CustData`JANE`K`DOE`````00`

Direct to Processor Implementation Response Fields (Conditional)

Note

Not applicable to Point Classic implementations.

Field	Type	Value	Comments
HOST_RESPCODE	Numeric		Will be sent if present in the host response.
MERCHID	Numeric		Merchant ID.
TERMID	Numeric		Terminal ID.
LANE	Numeric		This is returned to identify the retail lane.

Duplicate Transaction (Conditional)

Field	Type	Value	Comments
DUPLICATE_TRANSACTION	Character	1 - Duplicate transaction detected	A duplicate transaction is detected if the same card is swiped in the context of two consecutive cashless purchase transactions on the same PIN pad. The DUPLICATECHECK parameter(Application Parameters) must be enabled on Engage device. Refer to Duplicate Detection for more details on duplicate checking.

Stored Credential transaction (Conditional)

Note

All the fields are applicable for GSC, however COF_REFERENCE field applicable for UGP as well. Refer to Stored Credential transaction for the sample request and response.

Field	Type	Value	Comments
COF_REFERENCE	Character	Maximum length is 50.	The Stored Credential Signup Reference UUID (Universally Unique IDentifier) is the reference for the signup request returned for approved stored credential signup transactions. This will be used for the subsequent Stored Credential Charge transaction if returned by the host. This field is also applicable to UGP. SCMCI field is returned from the processor on an Initial transaction (Store Credentials) and the value will be sent in COF_REFERENCE field in POS.
PROCESSOR_TRANS_ID	Character	Maximum length is 128.	The transaction ID used by the processor for the transaction which may be required in a later refund or reversal transaction. This may be used for the subsequent Stored Credential Charge transaction if returned by the host.

Field	Type	Value	Comments
COF_ISSUER_AUTH_RESULT	Character	Maximum length is 50.	Issuer authorization result. This may be used for the subsequent Stored Credential Charge transaction if returned by the host.
COF_ACQ_AUTH_RESULT	Character	Maximum length is 50.	Acquirer authorization result. This may be used for the subsequent Stored Credential Charge transaction if returned by the host.
COF_ACQ_REFERENCE_DATA	Character	Maximum length is 200.	That Acquirer Reference Data that may represent the acquirer transaction identifier. This will be used for the subsequent Stored Credential Charge transaction if returned by the host.
COF_SCHEME_REFERENCE_DATA	Character		The Scheme Reference Data sent by the acquirer in the authorization response message and sent in a subsequent authorization request messages associated with the same transaction. This may be used for the subsequent Stored Credential Charge transaction if returned by the host. Maximum length is 200. For **Fiserv** solution, this field is received in the POS response for VISA, MASTERCARD, AMEX and DISCOVER card brands and the reference data contains different values for different cards brands, as follows: • **VISA**: Contains transaction ID (TransID) returned from the host. • **MASTERCARD**: Contains the BankNet data returned from the host. • **AMEX**: Contains AMEX transaction ID returned from the host. • **DISCOVER**: Contains AddAmt (Add amount) and DiscNRID (Discover NRID).
ACQUIRER_DATETIME	Character	Maximum length is 30.	The date returned in the authorization response message. This will be used for the subsequent Stored Credential Charge transaction if returned by the host.
COF_SETTLEMENT_DATE	Character	Maximum length is 30.	The date that reflects either the desired Merchant settlement date or the actual settlement date depending on where the transaction request is within the payment lifecycle. This may be used for the subsequent Stored Credential Charge transaction if returned by the host.

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter (Application Parameters) is enabled.

Field	Type Value	Description
UI_TIME	Time	This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<UI_TIME>44.028</UI_TIME>`
HOST_TIME	Time	This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<HOST_TIME>1.389</HOST_TIME>`
CMD_TIME	Time	This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<CMD_TIME>70.765</CMD_TIME>`

Fleet Card Transaction

Note

This section is applicable to GSC only. The RCPT_FLEET_XXXX fields are sent to the POS system to facilitate the receipt generation when the POS system creates its own receipt. Note that, not every field will be presented on the printed receipt for a given transaction, only those fields which are relevant to that specific payment event are included.

Field	Type	Value	Description
RESTRICTED_PRODUCTS	Character		The application sends to POS all the product codes for the declined transactions due to product restriction. **Example:** 101|102|103
RCPT_FLEET_DEPT	Character		Department number entered by customer, when prompted.
RCPT_FLEET_DRIVER	Character		Driver number entered by customer.
RCPT_FLEET_EMPLNUM	Character		Employee number entered by customer.
RCPT_FLEET_FLEETDATA1	Character		Additional fleet Data option 1 entered by customer.

Field	Type	Value	Description
RCPT_FLEET_FLEETDATA2	Character		Additional fleet Data option 2 entered by customer.
RCPT_FLEET_HUBOMETER	Character		Hubometer value entered by customer. (Hubometer - distance travelled based on wheel hub rotations, mostly used on commercial vehicles, like trucks). **Example:** 123456
RCPT_FLEET_JOBNUM	Character		Job Number entered by customer.
RCPT_FLEET_MAINTID	Character		Maintenance ID entered by customer.
RCPT_FLEET_ODM	Character		Odometer value entered by customer. (Odometer - measures the total distance travelled by any vehicle). **Example:** 222333
RCPT_FLEET_LICENSE	Character		License number entered by customer.
RCPT_FLEET_PDSEQ	Character		Purchase Data Sequence Number entered by customer.
RCPT_FLEET_REEFERHOURS	Character		Reefer Hours entered by customer. (Reefer hours - means the hours of service that apply to truck drivers operating refrigerated (reefers) trucks or containers.)
RCPT_FLEET_REFNUM	Character		Reference or Purchase Order number entered by customer.
RCPT_FLEET_TRAILERNUM	Character		Trailer number entered by customer.
RCPT_FLEET_TRIPNUM	Character		Trip number entered by customer.
RCPT_FLEET_UNITNUM	Character		Unit number entered by customer.
RCPT_FLEET_USER	Character		User ID entered by customer.
RCPT_FLEET_VEHICLE	Character		Vehicle ID/Number entered by customer.

Example

Following is an example of request packet - **Without Payment Type**

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <COUNTER>1</COUNTER>
        <MAC> … </MAC>
        <MAC_LABEL>REG2</MAC_LABEL>
        <TRANS_AMOUNT>1.00</TRANS_AMOUNT>
        <RECURRING>Y</RECURRING>
        <BILLPAY>TRUE</BILLPAY>
        <OC_INDUSTRY_CODE>M</OC_INDUSTRY_CODE>
        <ENCRYPT>TRUE</ENCRYPT>
        <SCMCI_INDICATOR>2</SCMCI_INDICATOR>
</TRANSACTION>
```

Following is an example of response packet - **Without Payment Type**

```
<RESPONSE>
        <ACCT_NUM>400555******0019</ACCT_NUM>
        <AUTH_CODE>119517</AUTH_CODE>
        <APPROVED_AMOUNT>4.50</APPROVED_AMOUNT>
        <CARD_ENTRY_MODE>Swiped</CARD_ENTRY_MODE>
        <CARDHOLDER>TEST CARD</CARDHOLDER>
        <CTROUTD>153</CTROUTD>
        <INTRN_SEQ_NUM>34549</INTRN_SEQ_NUM>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <PAYMENT_MEDIA>VISA</PAYMENT_MEDIA>
        <PPCV>CBCC.WSI</PPCV>
        <REFERENCE>100007265288</REFERENCE>
        <RESPONSE_TEXT>APPROVED</RESPONSE_TEXT>
        <RESULT>APPROVED</RESULT>
        <RESULT_CODE>5</RESULT_CODE>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <COUNTER>1</COUNTER>
        <TRANS_DATE>2016.04.10</TRANS_DATE>
        <TRANS_SEQ_NUM>15</TRANS_SEQ_NUM>
        <TRACE_NUM>14000400000000004001951</TRACE_NUM>
        <TRANS_TIME>12:24:30</TRANS_TIME>
        <TRAN_LANG_CODE>en</TRAN_LANG_CODE>
        <TROUTD>34549</TROUTD>
</RESPONSE>
```

Authorize Sample with Capture Card Early Return

Following is an example of **request packet - First leg**

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <TRANS_AMOUNT>30.00</TRANS_AMOUNT>
        <CAPTURECARD_EARLYRETURN>TRUE</CAPTURECARD_EARLYRETURN>
        <MANUAL_ENTRY>FALSE</MANUAL_ENTRY>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <FORCE_FLAG>FALSE</FORCE_FLAG>
        <MAC_LABEL>P_EJIOKG</MAC_LABEL>
        <COUNTER>11</COUNTER>
        <MAC>ZdjzzG5FYuyzAuPJ1U+gUpfBNCvLIwG7VxZdRj1cWmc=</MAC>
</TRANSACTION>
```

Following is an example of **response packet - First leg**

```
<RESPONSE>
        <RESPONSE_TEXT>CAPTURE EARLY CARD NOTIFICATION</RESPONSE_TEXT>
        <RESULT>OK</RESULT>
        <RESULT_CODE>-1</RESULT_CODE>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <COUNTER>11</COUNTER>
```

```
        <ACCT_NUM>476134******0035</ACCT_NUM>
        <TRANS_AMOUNT>30.00</TRANS_AMOUNT>
        <CARD_EXP_MONTH>**</CARD_EXP_MONTH>
        <CARD_EXP_YEAR>**</CARD_EXP_YEAR>
        <CARDHOLDER>**</CARDHOLDER>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <PAYMENT_MEDIA>VISA</PAYMENT_MEDIA>
        <CARD_ENTRY_MODE>Contactless</CARD_ENTRY_MODE>
        <INVOICE>123456</INVOICE>
</RESPONSE>
```

Following is an example of **request packet - Second leg**

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <TRANS_AMOUNT>30.00</TRANS_AMOUNT>
        <MANUAL_ENTRY>FALSE</MANUAL_ENTRY>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <FORCE_FLAG>FALSE</FORCE_FLAG>
        <MAC_LABEL>P_EJIOKG</MAC_LABEL>
        <COUNTER>12</COUNTER>
        <MAC>QEV5Fo/nxBTA3Rsvm/iyDhWIHI3qEN/0gTXhtvGZPDY=</MAC>
</TRANSACTION>
```

Following is an example of **response packet - Second leg**

```
<RESPONSE>
        <RESPONSE_TEXT>
 Duplicate transaction based on account/invoice/amount combination </
RESPONSE_TEXT>
        <RESULT>DECLINED</RESULT>
        <RESULT_CODE>6</RESULT_CODE>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <COMMAND>AUTH</COMMAND>
        <INTRN_SEQ_NUM>4016100322</INTRN_SEQ_NUM>
        <BATCH_TRACE_ID>0a1516d4-d456-4a79-bc80-66b236b953f4</
BATCH_TRACE_ID>
        <TRANS_AMOUNT>30.00</TRANS_AMOUNT>
        <PAYMENT_MEDIA>VISA</PAYMENT_MEDIA>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <ACCT_NUM>476134******0035</ACCT_NUM>
        <CARDHOLDER>**</CARDHOLDER>
        <BANK_USERDATA>VISA</BANK_USERDATA>
        <VSP_CODE>100</VSP_CODE>
        <VSP_RESULTDESC>Success</VSP_RESULTDESC>
        <VSP_TRXID>6379320473862596 87</VSP_TRXID>
        <CARD_ABBRV>VI</CARD_ABBRV>
        <CARD_ENTRY_MODE>Contactless</CARD_ENTRY_MODE>
        <CARD_TOKEN>4761**********</CARD_TOKEN>
        <TRAN_LANG_CODE>en</TRAN_LANG_CODE>
```

```
        <CARD_EXP_MONTH>**</CARD_EXP_MONTH>
        <CARD_EXP_YEAR>**</CARD_EXP_YEAR>
        <DUP_ACCT_NUM>476134******0035</DUP_ACCT_NUM>
        <DUP_AUTH_CODE>894544</DUP_AUTH_CODE>
        <DUP_CTROUTD>75062</DUP_CTROUTD>
        <DUP_INVOICE>123456</DUP_INVOICE>
        <DUP_PAYMENT_MEDIA>VISA</DUP_PAYMENT_MEDIA>
        <DUP_TRANS_AMOUNT>30.00</DUP_TRANS_AMOUNT>
        <DUP_TRANS_DATE>2022.07.12</DUP_TRANS_DATE>
        <DUP_TRANS_TIME>02:38:26</DUP_TRANS_TIME>
        <TRAINING_MODE>OFF</TRAINING_MODE>
        <EMV_CVM>SIGNATURE</EMV_CVM>
        <EMV_TAG_4F>A0000000031010</EMV_TAG_4F>
        <EMV_TAG_50>VISA TEST</EMV_TAG_50>
        <EMV_TAG_82>0000</EMV_TAG_82>
        <EMV_TAG_84>A0000000031010</EMV_TAG_84>
        <EMV_TAG_95>0000000000</EMV_TAG_95>
        <EMV_TAG_9A>220711</EMV_TAG_9A>
        <EMV_TAG_9B>0000</EMV_TAG_9B>
        <EMV_TAG_9C>00</EMV_TAG_9C>
        <EMV_TAG_5F20>**</EMV_TAG_5F20>
        <EMV_TAG_5F2A>0840</EMV_TAG_5F2A>
        <EMV_TAG_5F34>01</EMV_TAG_5F34>
        <EMV_TAG_9F02>000000003000</EMV_TAG_9F02>
        <EMV_TAG_9F03>000000000000</EMV_TAG_9F03>
        <EMV_TAG_9F09>008C</EMV_TAG_9F09>
        <EMV_TAG_9F10>06011103A00000</EMV_TAG_9F10>
        <EMV_TAG_9F1A>0840</EMV_TAG_9F1A>
        <EMV_TAG_9F1E>01501302</EMV_TAG_9F1E>
        <EMV_TAG_9F21>234216</EMV_TAG_9F21>
        <EMV_TAG_9F26>1E49203FBAE2FF02</EMV_TAG_9F26>
        <EMV_TAG_9F27>80</EMV_TAG_9F27>
        <EMV_TAG_9F33>E068C8</EMV_TAG_9F33>
        <EMV_TAG_9F34>020000</EMV_TAG_9F34>
        <EMV_TAG_9F35>22</EMV_TAG_9F35>
        <EMV_TAG_9F36>4887</EMV_TAG_9F36>
        <EMV_TAG_9F37>6829DDBF</EMV_TAG_9F37>
        <EMV_TAG_9F39>07</EMV_TAG_9F39>
        <EMV_TAG_9F40>7000F05001</EMV_TAG_9F40>
        <EMV_TAG_9F41>00000003</EMV_TAG_9F41>
        <EMV_TAG_9F6E>20700000</EMV_TAG_9F6E>
        <EMV_MODE>CARD</EMV_MODE>
        <COUNTER>12</COUNTER>
</RESPONSE>
```

Authorize Sample with Stored Credential Transaction

Following is an example of **Request packet - First leg (Sign up)**

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <TRANS_AMOUNT>1.00</TRANS_AMOUNT>
```

```
        <SCMCI_INDICATOR>1</SCMCI_INDICATOR>
        <INSTALLMENT>Y</INSTALLMENT>
        <MANUAL_ENTRY>FALSE</MANUAL_ENTRY>
        <FORCE_FLAG>FALSE</FORCE_FLAG>
</TRANSACTION>
```

Following is an example of **Response packet - First leg (Sign up)**

```
<RESPONSE>
        <ACCT_NUM>544400******2205</ACCT_NUM>
        <ACQUIRER_DATETIME>2023-11-18T23:31:32Z</ACQUIRER_DATETIME>
        <COF_ACQ_REFERENCE_DATA>
MTAwHDE3MzE1MxwxOTMxNTAcHDEwMBwcQTAwMDE5MzE1MDExMTgcHBwzMzIyMTcxNzMxNTMcMzIyMDAwM
</COF_ACQ_REFERENCE_DATA>
        <COMMAND>AUTH</COMMAND>
        <APPROVED_AMOUNT>1.00</APPROVED_AMOUNT>
        <AUTH_CODE>193150</AUTH_CODE>
        <BANK_USERDATA>MASTERCARD</BANK_USERDATA>
        <BATCH_TRACE_ID>1d708a81-1a30-455f-8e0c-9022f4937166</
BATCH_TRACE_ID>
        <CARDHOLDER>TEST-VOID/TEST</CARDHOLDER>
        <CARD_ABBRV>MC</CARD_ABBRV>
        <CARD_ENTRY_MODE>Swiped</CARD_ENTRY_MODE>
        <CARD_EXP_MONTH>12</CARD_EXP_MONTH>
        <CARD_EXP_YEAR>24</CARD_EXP_YEAR>
        <CARD_TOKEN>aw97xuLMACC82sj8</CARD_TOKEN>
        <CTROUTD>1d708a81-1a30-455f-8e0c-9022f4937166</CTROUTD>
        <INVOICE>123456</INVOICE>
        <HOST_RESPCODE>00</HOST_RESPCODE>
        <MERCHID>700000013698</MERCHID>
        <PAYMENT_MEDIA>MASTERCARD</PAYMENT_MEDIA>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <REFERENCE>332217173153</REFERENCE>
        <RESPONSE_TEXT>Approved</RESPONSE_TEXT>
        <RESULT>CAPTURED</RESULT>
        <RESULT_CODE>5</RESULT_CODE>
        <COF_REFERENCE>44b23c8e-a51b-40d6-9c3c-167ce64dad58</COF_REFERENCE>
        <TERMID>001</TERMID>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <TOKEN_SOURCE>INTERNAL</TOKEN_SOURCE>
        <TRAINING_MODE>OFF</TRAINING_MODE>
        <TRANS_AMOUNT>1.00</TRANS_AMOUNT>
        <TRANS_DATE>2023.11.18</TRANS_DATE>
        <TRAN_LANG_CODE>en</TRAN_LANG_CODE>
        <TRANS_TIME>17:31:53</TRANS_TIME>
        <TRANS_CURRENCY_CODE>0840</TRANS_CURRENCY_CODE>
        <COUNTER>8</COUNTER>
<RESPONSE>
```

Following is an example of **Request packet - Second leg (Charge)**

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <TRANS_AMOUNT>15.00</TRANS_AMOUNT>
        <CARD_EXP_MONTH>12</CARD_EXP_MONTH>
        <CARD_EXP_YEAR>24</CARD_EXP_YEAR>
        <CARD_TOKEN>aw97xuLMACC82sj8</CARD_TOKEN>
        <TOKEN_SOURCE>INTERNAL</TOKEN_SOURCE>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <BANK_USERDATA>MASTERCARD</BANK_USERDATA>
        <COF_ACQ_RESP_DATETIME>2023-11-18T23:31:32Z</COF_ACQ_RESP_DATETIME>
        <COF_ACQ_REFERENCE_DATA>
MTAwHDE3MzE1MxwxOTMxNTAcHDEwMBwcQTAwMDE5MzE1MDExMTgcHBwzMzIyMTcxNzMxNTMcMzIyMDAwM
</COF_ACQ_REFERENCE_DATA>
        <COF_REFERENCE>44b23c8e-a51b-40d6-9c3c-167ce64dad58</COF_REFERENCE>
        <COF_AUTH_CODE>193150</COF_AUTH_CODE>
        <SCMCI_INDICATOR>3</SCMCI_INDICATOR>
        <RECURRING>Y</RECURRING>
        <MANUAL_ENTRY>FALSE</MANUAL_ENTRY>
        <FORCE_FLAG>FALSE</FORCE_FLAG>
</TRANSACTION>
```

Following is an example of **Response packet - Second leg (Charge)**

```
<RESPONSE>
        <ACQUIRER_DATETIME>2023-11-18T23:37:02Z</ACQUIRER_DATETIME>
        <COF_ACQ_REFERENCE_DATA>
MTUwMBwxNzM3MjEcMTkzMTc0HBwxNTAwHBxBMDAwMTkzMTc0MTExOBwcHDMzMjIxNzE3MzcyMRwzMjIwM
</COF_ACQ_REFERENCE_DATA>
        <COMMAND>AUTH</COMMAND>
        <APPROVED_AMOUNT>15.00</APPROVED_AMOUNT>
        <AUTH_CODE>193174</AUTH_CODE>
        <BANK_USERDATA>MASTERCARD</BANK_USERDATA>
        <BATCH_TRACE_ID>fe81c934-913a-481c-9b34-cdbdd80f63b7</
BATCH_TRACE_ID>
        <CARD_ABBRV>MC</CARD_ABBRV>
        <CARD_EXP_MONTH>12</CARD_EXP_MONTH>
        <CARD_EXP_YEAR>24</CARD_EXP_YEAR>
        <CARD_TOKEN>aw97xuLMACC82sj8</CARD_TOKEN>
        <CTROUTD>fe81c934-913a-481c-9b34-cdbdd80f63b7</CTROUTD>
        <INVOICE>123456</INVOICE>
        <HOST_RESPCODE>00</HOST_RESPCODE>
        <MERCHID>700000013698</MERCHID>
        <PAYMENT_MEDIA>MASTERCARD</PAYMENT_MEDIA>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <REFERENCE>332217173721</REFERENCE>
        <RESPONSE_TEXT>Approved</RESPONSE_TEXT>
        <RESULT>CAPTURED</RESULT>
        <RESULT_CODE>5</RESULT_CODE>
        <TERMID>001</TERMID>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <TOKEN_SOURCE>INTERNAL</TOKEN_SOURCE>
```

```
        <TRAINING_MODE>OFF</TRAINING_MODE>
        <TRANS_AMOUNT>15.00</TRANS_AMOUNT>
        <TRANS_DATE>2023.11.18</TRANS_DATE>
        <TRANS_TIME>17:37:21</TRANS_TIME>
        <TRANS_CURRENCY_CODE>0840</TRANS_CURRENCY_CODE>
<RESPONSE>
```

Authorize Sample with Check Transaction

Following is an example of **Request packet**

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>AUTH</COMMAND>
        <PAYMENT_TYPE>CHECK_SALE</PAYMENT_TYPE>
        <MANUAL_ENTRY/>
        <CHECK_TYPE>0</CHECK_TYPE>
        <IDENTITY_CARD_NUMBER>2527521</IDENTITY_CARD_NUMBER>
        <TRANS_AMOUNT>1.00</TRANS_AMOUNT>
        <MICR>t123456780t 951741854o 1122</MICR>
</TRANSACTION>
```

Following is an example of **Response packet**

```
<RESPONSE>
        <COMMAND>AUTH</COMMAND>
        <APPROVED_AMOUNT>1.00</APPROVED_AMOUNT>
        <AUTH_CODE>1122</AUTH_CODE>
        <ACH_TRANSACTION_STATUS>1</ACH_TRANSACTION_STATUS>
        <BATCH_TRACE_ID>7f1f1882-bdfc-464e-bca9-39cba0b473fe</
BATCH_TRACE_ID>
        <CTROUTD>7f1f1882-bdfc-464e-bca9-39cba0b473fe</CTROUTD>
        <INVOICE>002137</INVOICE>
        <HOST_RESPCODE>07</HOST_RESPCODE>
        <MERCHID>01101129</MERCHID>
        <POS_RECON>84</POS_RECON>
        <REFERENCE>516214144656</REFERENCE>
        <RESPONSE_TEXT>Approved</RESPONSE_TEXT>
        <RESULT>CAPTURED</RESULT>
        <RESULT_CODE>5</RESULT_CODE>
        <RETURN_CHECK_FEE>30..00</RETURN_CHECK_FEE>
        <TERMID>50004859</TERMID>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <TRAINING_MODE>OFF</TRAINING_MODE>
        <TRANS_AMOUNT>1.00</TRANS_AMOUNT>
        <TRANS_DATE>2025.06.11</TRANS_DATE>
        <TRANS_TIME>14,46,56</TRANS_TIME>
        <COUNTER>35</COUNTER>
</RESPONSE>
```