https://verifone.cloud/docs/in-store-payments/pos-cloud-integration/abort-transaction
Updated: 10-Jan-2024

Abort

POS Cloud API Reference

This API is used to abort a transaction specifying the following details:

Request details	Values
Method	POST
URL	https://{ENVIRONMENT}/oidc/poscloud/nexo/abort
Authorization	https://verifone.cloud/docs/in-store-payments/integration-set-terminal#step-3__003a__00a0setting-up-basic-auth-in-postman

Headers:

Content-Type	application/json
x-terminal-simulator	true
x-site-entity-id	Entity ID of child to be passed in case parent token is used while calling this API.
Authorization	"user-uid:api" key pair encoded in base64. See the Obtaining API Keys guide for more information.
Body > Raw	See the request example below.

Check the POS Cloud API reference for more details on the required parameters.

Required parameters		Description
MessageHeader	Object	
MessageHeader.MessageClass	"SERVICE"	
MessageHeade.MessageCategory	"ABORT"	
MessageHeader.MessageType	"REQUEST"	
MessageHeader.ServiceID	String	
MessageHeader.SaleID	String	
MessageHeader.POIID	String	

Required parameters	Description
AbortRequest	Object
AbortRequest.Device	String
AbortRequest.InfoQualify	String
AbortRequest.OutputContent	String
AbortRequest.OutputFormat	String
AbortRequest.ReferenceID	String NOTE - 'Abort transaction is not based on Reference ID'
AbortRequest.Text	String


```
{
"MessageHeader": {
"MessageClass": "SERVICE",
"MessageCategory": "ABORT",
"MessageType": "REQUEST",
"ServiceID": "1234",
"SaleID": "1992",
"POIID": "P400 931"
},
"AbortRequest": {
"MessageReference": {
"poiid": "string",
"MessageCategory": "ABORT",
"ServiceID": "string",
"DeviceID": "string",
"SaleID": "string",
"POIID": "string"
},
"AbortReason": "CashierAborted",
"DisplayOutput": {
"ResponseRequiredFlag": true,
"MinimumDisplayTime": 0,
"Device": "CashierDisplay",
"InfoQualify": "Status",
"OutputContent": {
"OutputFormat": "MESSAGEREF",
"PredefinedContent": {
"ReferenceID": "string",
"Language": "string"
},
"OutputText": [
{
"Text": "string",
"CharacterSet": 0,
"Font": "string",
"StartRow": 0,
"StartColumn": 0,
"Color": "WHITE",
"CharacterWidth": "SINGLEWIDTH",
"CharacterHeight": "SINGLEHEIGHT",
"CharacterStyle": "NORMAL",
"Alignment": "LEFT"
```

```
}
],
"OutputXHTML": "string",
"OutputBarcode": {
"BarcodeType": "EAN8",
"BarcodeValue": "string",
"QRCodeBinaryValue": "string",
"QRCodeVersion": "string",
"QRCodeEncodingMode": "string",
"QRCodeErrorCorrection": "L"
}
},
"MenuEntry": [
{
"MenuEntryTag": "Selectable",
"DefaultSelectedFlag": true,
"OutputFormat": "MESSAGEREF",
"PredefinedContent": {
"ReferenceID": "string",
"Language": "string"
},
"OutputText": [
{
"Text": "string",
"CharacterSet": 0,
"Font": "string",
"StartRow": 0,
"StartColumn": 0,
"Color": "WHITE",
"CharacterWidth": "SINGLEWIDTH",
"CharacterHeight": "SINGLEHEIGHT",
"CharacterStyle": "NORMAL",
"Alignment": "LEFT",
"EndOfLineFlag": true
}
],
"OutputXHTML": "string"
}
],
"OutputSignature": "string"
}
}
}
```


If We perform abort API in the middle of the transaction, the current transaction aborted successfully with 200 success code and payment response we can able to see abort response from the terminal, the POS Cloud will send back the response, which will look something like this:


```
{
    "MessageHeader": {
        "MessageClass": "SERVICE",
        "MessageCategory": "PAYMENT",
        "MessageType": "RESPONSE",
        "ServiceID": "1234",
```

```
        "SaleID": "1992",
        "POIID": "P400 931"
    },
    "PaymentResponse": {
        "Response": {
            "Result": "FAILURE",
            "ErrorCondition": "ABORTED",
            "AdditionalResponse": "Cancelled by POS"
        },
        "SaleData": {
            "OperatorID": null,
            "SaleTransactionID": {
                "TransactionID": "11222",
                "TimeStamp": "2020-04-20T14:43:59+05:30"
            },
            "SaleReferenceID": null,
            "SaleTerminalData": null,
            "CustomerOrderReq": null,
            "SaleToPOIData":
"{\"i\":\"11222\",\"r\":\"CANCELLED\",\"rc\":\"59049\",\"ts\":\"FAILURE\"}"
,
            "SaleToAcquirerData": null
        },
        "POIData": {
            "POITransactionID": {
                "TransactionID": null,
                "TimeStamp": null
            },
            "POIReconciliationID": null
        },
        "PaymentResult": {
            "PaymentType": "NORMAL",
            "PaymentInstrumentData": {
                "PaymentInstrumentType": "ALTERNATIVEPAYMENT",
                "ProtectedCardData": null,
                "CardData": {
                    "PaymentBrand": "",
                    "MaskedPAN": null,
                    "PaymentAccountRef": null,
                    "EntryMode": null,
                    "CardCountryCode": null,
                    "ProtectedCardData": null,
                    "SensitiveCardData": {
                        "PAN": null,
                        "CardSeqNumb": null,
                        "ExpiryDate": null,
                        "TrackData": null
                    },
                    "AllowedProductCode": null,
                    "PaymentToken": {
                        "TokenRequestedType": "TRANSACTION",
                        "TokenValue": null,
                        "ExpiryDateTime": null
                    },
                    "VF_CardholderName": null,
                    "VF_EmvTags": null
```

```
        },
        "VF_AccountType": null,
        "CustomerToken": null,
        "_vf_AlternativePaymentData": null
    },
    "AmountsResp": {
        "Currency": "USD",
        "AuthorizedAmount": "18",
        "TotalRebatesAmount": null,
        "TotalFeesAmount": null,
        "CashBackAmount": "0",
        "TipAmount": "0"
    },
    "MerchantOverrideFlag": null,
    "CapturedSignature": null,
    "ProtectedSignature": null,
    "OnlineFlag": true,
    "AuthenticationMethod": null,
    "ValidityDate": null,
    "PaymentAcquirerData": {
        "AcquirerID": null,
        "MerchantID": null,
        "AcquirerPOIID": null,
        "AcquirerTransactionID": {
            "TransactionID": null,
            "TimeStamp": null
        },
        "ApprovalCode": null,
        "HostReconciliationID": null
    }
},
"PaymentReceipt": {
    "DocumentQualifier": "SALERECEIPT",
    "IntegratedPrintFlag": null,
    "RequiredSignatureFlag": null,
    "OutputContent": {
        "OutputFormat": "TEXT",
        "PredefinedContent": null,
        "OutputText": [
            {
                "Text": "",
                "CharacterSet": null,
                "Font": null,
                "StartRow": null,
                "StartColumn": null,
                "Color": null,
                "CharacterWidth": null,
                "CharacterHeight": null,
                "CharacterStyle": null,
                "Alignment": null,
                "EndOfLineFlag": null
            }
        ],
        "OutputXHTML": null,
        "OutputBarcode": null
    }
```

```
        }
    }
}
```