



<https://verifone.cloud/docs/in-person-payments/pos-cloud-integration/payment-operations/linked-refund-v2>

Updated: 22-Jan-2024

Linked Refund - V2

This API is used to initiate payment requests specifying the following details:

Request Details	Values
Method	POST
URL	https://{ENVIRONMENT}/oidc/poscloud/nexo/v2/payment
Authorization	https://verifone.cloud/docs/in-store-payments/integration-set-terminal#step-3__003a__00a0setting-up-basic-auth-in-postman

Headers:

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

Authorization

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"
MessageHeader.MessageCategory	"PAYMENT"
MessageHeader.MessageType	"REQUEST"
MessageHeader.ServiceID	String
MessageHeader.SaleID	String
MessageHeader.POIID	String

Required parameters	Description
PaymentRequest	Object
PaymentRequest.SaleData	Object
PaymentRequest.TransactionID	String
PaymentRequest.TimeStamp	String
PaymentRequest.PaymentTransaction	Object
PaymentRequest.AmountsReq	Object
PaymentRequest.Currency	String

```
{
  "MessageHeader": {
    "MessageClass": "SERVICE",
    "MessageCategory": "PAYMENT",
    "MessageType": "REQUEST",
    "ServiceID": "1234",
    "SaleID": "1234",
    "POIID": "P400 459"
  },
  "PaymentRequest": {
    "SaleData": {
      "SaleTransactionID": {
        "TransactionID": "68537",
        "TimeStamp": "2019-08-21T16:35:05.073Z"
      },
      "CustomerOrderReq": null,
      "SaleToAcquirerData": null
    },
    "PaymentTransaction": {
      "AmountsReq": {
        "Currency": "GBP",
        "RequestedAmount": "11.00",
        "TipAmount": "0"
      },
      "OriginalPOITransaction": {
        "POITransactionID": {
          "TransactionID": "150805",
          "TimeStamp": "2020-04-20T14:43:59+05:30"
        }
      }
    }
  },
  "PaymentData": {
    "PaymentType": "REFUND"
  }
}
```

- Perform the transaction in the terminal/external terminal simulator.
 - In the external terminal simulator, click on the Green button to simulate a successful transaction; click on the Red button to simulate a failed transaction.

Based on the response from the terminal/external terminal simulator, the POS Cloud will send back the response:

```
{
  "MessageHeader": {
    "MessageClass": "SERVICE",
    "MessageCategory": "PAYMENT",
    "MessageType": "RESPONSE",
    "ServiceID": "1234",
    "SaleID": "1234",
    "POIID": "P400 459"
  },
  "PaymentResponse": {
    "Response": {
      "Result": "SUCCESS",
      "ErrorCondition": null,
      "AdditionalResponse": null
    },
    "SaleData": {
      "OperatorID": null,
      "SaleTransactionID": {
        "TransactionID": "68537",
        "TimeStamp": "2019-08-21T16:35:05.073Z"
      },
      "TokenRequestedType": null,
      "SaleReferenceID": null,
      "SaleTerminalData": null,
      "CustomerOrderReq": null,
      "SaleToPOIData": {
        "SaleToAcquirerData": null,
        "VF_SaleNote": null
      },
      "POIData": {
        "POITransactionID": {
          "TransactionID": "150806",
          "TimeStamp": "2023-06-23T06:34:45Z"
        },
        "POIReconciliationID": null
      },
      "PaymentResult": {
        "PaymentType": "REFUND",
        "PaymentInstrumentData": {
          "PaymentInstrumentType": "CARD",
          "ProtectedCardData": null,
          "CardData": {
            "BankUserData": "MC",
            "PaymentBrand": "MasterCard",
            "MaskedPAN": "541333*****4111",
            "PaymentAccountRef": null,
            "EntryMode": null,
            "CardCountryCode": null,
            "ProtectedCardData": null,
            "SensitiveCardData": {
              "PAN": "541333*****4111",

```

```
    "CardSeqNumb": null,
    "ExpiryDate": null,
    "TrackData": null
  },
  "AllowedProductCode": null,
  "PaymentToken": {
    "TokenRequestedType": "TRANSACTION",
    "TokenValue": null,
    "ExpiryDateTime": null
  },
  "VF_CardholderName": null,
  "VF_EmvTags": null
},
"VF_AccountType": "CREDIT",
"CustomerToken": null,
"_vf_AlternativePaymentData": null
},
"AmountsResp": {
  "Currency": "GBP",
  "AuthorizedAmount": "11",
  "TotalRebatesAmount": null,
  "TotalFeesAmount": null,
  "CashBackAmount": "0",
  "TipAmount": "0",
  "VF_FsaAuthorizedAmount": "0.0",
  "VF_DiffAmountDue": "0.0"
},
"MerchantOverrideFlag": null,
"CapturedSignature": {
  "RawSignature": null,
  "SignatureImage": {
    "ImageFormat": null,
    "ImageData": null,
    "ImageReference": null
  }
},
"ProtectedSignature": null,
"OnlineFlag": true,
"AuthenticationMethod": [
  "NONE"
],
"ValidityDate": null,
"PaymentAcquirerData": {
  "AcquirerID": null,
  "MerchantID": "005059233998",
  "AcquirerPOIID": "1126076",
  "AcquirerTransactionID": {
    "TransactionID": "857008",
    "TimeStamp": "2023-06-23T06:34:45Z"
  }
},
"ApprovalCode": "OK1373",
"HostReconciliationID": "e6627cd2-ba11-4bc7-b8e2-bd325f3d7f63"
},
"PaymentReceipt": {
  "DocumentQualifier": "SALERECEIPT",
```

```
"IntegratedPrintFlag": null,
"RequiredSignatureFlag": null,
"OutputContent": {
  "OutputFormat": "TEXT",
  "PredefinedContent": null,
  "OutputText": [
    {
      "Text":
"      BED BATH BEYOND 1997          \n                      1997
      ,
      "CharacterSet": null,
      "Font": null,
      "StartRow": null,
      "StartColumn": null,
      "Color": null,
      "CharacterWidth": null,
      "CharacterHeight": null,
      "CharacterStyle": null,
      "Alignment": null,
      "EndOfLineFlag": null
    }
  ],
  "OutputXHTML": null,
  "OutputBarcode": null
}
}
```