https://verifone.cloud/docs/in-person-payments/pos-cloud-integration/payment-operations/token-query
Updated: 16-Feb-2026

Token Query

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

Request Details	Values
Method	POST
URL	https://{ENVIRONMENT}/oidc/poscloud/nexo/cardAcquisition
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"
MessageHeader.MessageCategory	"CARDACQUISITION"
MessageHeader.MessageType	"REQUEST"
MessageHeader.ServiceID	String
MessageHeader.SaleID	String
MessageHeader.POIID	String
CardAcquisitionRequest	Object
CardAcquisitionRequest.SaleData	Object

Required parameters	Description
CardAcquisitionRequest.TransactionID	String
CardAcquisitionRequest.TimeStamp	String
CardAcquisitionRequest.CardAcquisitionTransaction	Object
CardAcquisitionRequest.SaleData.TokenRequestedType	String

```
{
    "MessageHeader": {
        "MessageClass": "SERVICE",
        "MessageCategory": "CARDACQUISITION",
        "MessageType": "REQUEST",
        "ServiceID": "34567",
        "SaleID": "1234",
        "POIID": "275-090-044"
    },
    "CardAcquisitionRequest": {
        "SaleData": {
            "TokenRequestedType": "Transaction",
            "SaleTransactionID": {
                "TransactionID": "12345",
                "TimeStamp": "2021-07-02T11:39:07.087Z"
            }
        }
    }
}
```

Based on the response from the terminal, the POS Cloud will send back the response.

```
{
    "MessageHeader": {
        "MessageClass": "SERVICE",
        "MessageCategory": "CARDACQUISITION",
        "MessageType": "RESPONSE",
        "ServiceID": "34567",
        "SaleID": "1234",
        "POIID": "275-090-044"
    },
    "CardAcquisitionResponse": {
        "Response": {
            "Result": "SUCCESS",
            "ErrorCondition": null,
            "AdditionalResponse": "Transaction Success"
        },
        "SaleData": {
            "OperatorID": null,
            "SaleTransactionID": {
                "TransactionID": "12345",
                "TimeStamp": "2021-07-02T11:39:07.087Z"
            },
            "TokenRequestedType": null,
            "SaleReferenceID": null,
            "SaleTerminalData": null,
```

```
        "CustomerOrderReq": null,
        "SaleToPOIData": null,
        "SaleToAcquirerData": null
    },
    "POIData": {
        "POITransactionID": {
            "TransactionID": "0b7e0f79-dcbb-468a-98f8-2f0ba59de312",
            "TimeStamp": "2021-07-02T11:39:07.087Z"
        },
        "POIReconciliationID": null
    },
    "PaymentBrand": null,
    "PaymentInstrumentData": {
        "PaymentInstrumentType": "CARD",
        "ProtectedCardData": null,
        "CardData": {
            "PaymentBrand": "VISA",
            "MaskedPAN": "468779*****2388",
            "PaymentAccountRef": null,
            "EntryMode": "ICC",
            "CardCountryCode": null,
            "ProtectedCardData": null,
            "SensitiveCardData": {
                "PAN": null,
                "CardSeqNumb": null,
                "ExpiryDate": "01/24",
                "TrackData": null
            },
            "AllowedProductCode": null,
            "PaymentToken": {
                "TokenRequestedType": null,
                "TokenValue": "4687790366272388",
                "ExpiryDateTime": null
            },
            "VF_CardholderName": null,
            "VF_EmvTags": {
                "9F1A": "0840",
                "8A": "Z1",
                "9F39": "05",
                "9F36": "01E6",
                "5F34": "01",
                "9F37": "30F760F1",
                "4F": "A0000000031010",
                "9F12": "VISA Debit",
                "9F34": "3F0000",
                "9F35": "22",
                "9F10": "06010A0380A800",
                "9F33": "E0F8C8",
                "9F0E": "0010000000",
                "5F2A": "0840",
                "9F0F": "B8689C9800",
                "50": "Visa Debit",
                "9F0D": "B860848800",
                "95": "0000000000",
                "9A": "220615",
                "9F27": "00",
```

```json
                    "9B": "2000",
                    "9F03": "000000000000",
                    "9C": "00",
                    "9F26": "0EF544F85BE758CD",
                    "9F09": "0096",
                    "9F07": "FF80",
                    "9F08": "0096",
                    "9F41": "00000006",
                    "9F40": "F000F0A001",
                    "9F02": "000000000000",
                    "5F20": "CARD HOLDER          /",
                    "9F21": "105655",
                    "82": "3C00",
                    "9F1E": "75090044",
                    "84": "A0000000031010"
                }
            },
            "VF_AccountType": "CREDIT",
            "CustomerToken": null,
            "_vf_AlternativePaymentData": null
        },
        "LoyaltyAccount": null,
        "CustomerOrder": null
    }
}
```