

## Display

This API is used to initiate a Display to the POI specifying the following details:

**NOTE:** Display is not supported in SCA.

Request Details	Values
<b>Method</b>	POST
<b>URL</b>	https://{ENVIRONMENT}/oidc/poscloud/nexo/display
<b>Authorization</b>	<a href="https://verifone.cloud/docs/in-store-payments/integration-set-terminal#step-3_003a_00a0setting-up-basic-auth-in-postman">https://verifone.cloud/docs/in-store-payments/integration-set-terminal#step-3_003a_00a0setting-up-basic-auth-in-postman</a>
<b>Headers:</b>	
<b>Content-Type</b>	application/json
<b>x-terminal-simulator</b>	true
<b>x-site-entity-id</b>	Entity ID of child to be passed in case parent token is used while calling this API.
<b>Authorization</b>	"user-uid:api" key pair encoded in base64. See the <a href="#">Obtaining API Keys guide</a> for more information.
<b>Body &gt; Raw</b>	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	"DEVICE"
MessageHeader.MessageCategory	"DISPLAY"
MessageHeader.MessageType	"REQUEST"
MessageHeader.DeviceID	String
MessageHeader.SaleID	String
MessageHeader.POIID	String
DisplayRequest	Object
DisplayRequest.DisplayOutput	Array of Object
DisplayRequest.Device	String
DisplayRequest.InfoQualify	String

Required parameters	Description
DisplayRequest.OutputContent	Object
DisplayRequest.OutputFormat	String
DisplayRequest.ReferenceID	String
DisplayRequest.Text	String

```

{
  "MessageHeader": {
    "MessageClass": "DEVICE",
    "MessageCategory": "DISPLAY",
    "MessageType": "REQUEST",
    "ServiceID": "34567",
    "DeviceID": "23456",
    "SaleID": "1992",
    "POIID": "Devaraj P400"
  },
  "DisplayRequest": {
    "DisplayOutput": [
      {
        "ResponseRequiredFlag": true,
        "MinimumDisplayTime": 5000,
        "Device": "CashierDisplay",
        "InfoQualify": "Status",
        "OutputContent": {
          "OutputFormat": "MESSAGEREF",
          "PredefinedContent": {
            "ReferenceID": "string",
            "Language": "string"
          }
        },
        "OutputText": [
          {
            "Text": "LOGIN",
            "CharacterSet": 0,
            "Font": "string",
            "StartRow": 0,
            "StartColumn": 0,
            "Color": "WHITE",
            "CharacterWidth": "SINGLEWIDTH",
            "CharacterHeight": "SINGLEHEIGHT",
            "CharacterStyle": "NORMAL",
            "Alignment": "LEFT",
            "EndOfLineFlag": true
          },
          {
            "Text": "SUCCESS",
            "CharacterSet": 0,
            "Font": "string",
            "StartRow": 0,
            "StartColumn": 0,
            "Color": "WHITE",
            "CharacterWidth": "SINGLEWIDTH",
            "CharacterHeight": "SINGLEHEIGHT",
            "CharacterStyle": "NORMAL",
            "Alignment": "LEFT",
          }
        ]
      }
    ]
  }
}

```

```
"EndOfLineFlag": true
},
],
"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"
}
}
}
```

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

```
{
  "MessageHeader": {
    "MessageClass": "DEVICE",
    "MessageCategory": "DISPLAY",
    "MessageType": "RESPONSE",
    "ServiceID": "34567",
    "DeviceID": "23456",
    "SaleID": "1992",
    "POIID": "Devaraj P400"
  },
  "DisplayResponse": {
    "OutputResult": [
      {
        "Device": "CashierDisplay",
        "InfoQualify": "Status",

```

```
"Response": {  
  "Result": "SUCCESS",  
  "ErrorCondition": null,  
  "AdditionalResponse": "MessageDisplayed Successfully"  
}
```