Integration Document for CoralPay VAS API

C'VAS Interface API Integration Document

Version 1.9.3

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INTRODUCTION

This document is an integration document of the CoralPay VAS API Interface. It provides guidance and template material which is intended to assist the relevant stakeholders to easily integrate to the VAS Interface for the vending of value to customers on the different billers, customer account lookup, retrieving vended transaction details, processing vending, etc. The CoralPay VAS interface uses JSON over HTTPS to process incoming requests, sample requests are provided further in this document.

ASSUMPTIONS

- Familiarity with the TCP/IP stack.

- Familiarity with Transport Layer Security schemes.

- Familiarity with SOAP and RESTful services.

- Familiarity with Authentication schemes and the Basic Authentication scheme.

- Familiarity with JSON.

SECURITY

Given the sensitive nature of the data being communicated it is essential that we:

- ❖ Protect data in transit from unauthorized third party access.

- ❖ Ensure API requests be permitted from only authorized third parties.

For the above reasons, we expose the endpoints over HTTPS and we require that a Basic Authorization header be sent with every request to the VAS interface. We also lock down requests to IP addresses supplied by partners in production. CoralPay will supply the partner with a username and a password to use for the Basic Authentication on all API calls.

Kindly note that the base endpoint URL used in this document is for development and integration testing purposes only and it can be changed without prior notice.

The production URL will be communicated when the integration is complete.

INTEGRATION OVERVIEW

The CoralPay VAS is a secure interface for vending value for different Billers and has the capabilities to do the following:

BILLER GROUPS ENQUIRY	This feature is used to lookup the available active biller groups on the VAS interface. It can also be used to query details for a specific group.
BILLERS ENQUIRY	This feature is used to lookup the available active billers on the VAS interface. It can also be used to query details for a specific biller.
PACKAGES ENQUIRY	This feature is used to lookup the available active packages on the VAS interface. It can also be used to query details for a specific package.
CUSTOMER ENQUIRY	This feature is used to lookup a customer on a specific biller via the VAS interface. It checks whether a customer exists and also returns the payment information for the customer.
VEND VALUE	This is used to push value to the customer's account. The customer's account could be a meter number (for Discos), a smartcard number (for paidTV), a phone number (for Telcos), etc.
VEND TRANSACTION ENQUIRY	This is used to check the details of the transaction for the vended value.

BILLER FEATURES ON API

Available Billers	API Features		
	CUSTOMER ENQUIRY	VEND VALUE	VEND TRANSACTION ENQUIRY
Airtime (MTN, Airtel, Glo, 9Mobile)	no	yes	yes
Data (MTN, Airtel, Glo, 9Mobile)	no	yes	yes
DSTV	yes	yes	yes
GOTV	yes	yes	yes
StarTimes	yes	yes	yes

Lekki Concession Company Limited (LCC)	yes	yes	yes
Betting Companies (Bet9JA, MLotto, Western Lotto, Zoom Lifestyle	yes	yes	yes
Churches (RCCG, Living Faith, etc.)	no	yes	yes
Eko Disco (EKEDC)	yes	yes	yes
Enugu Disco (EEDC)	yes	yes	yes
Abuja Disco (AEDC)	yes	yes	yes
Ikeja Disco (IKEDC)	yes	yes	yes
Ibadan Disco (IBEDC)	yes	yes	yes
Port Harcourt Disco (PHEDC)	yes	yes	yes
Jos Disco (JEDC)	yes	yes	yes
Kano Disco (KEDCO)	yes	yes	yes
Kaduna Disco (KAEDCO)	yes	yes	yes
Smile	yes	yes	yes
Spectranet	yes	yes	yes

BILLER GROUPS ENQUIRY

The Biller Group Enquiry endpoint is used to look up biller groups/categories on the CoralPay VAS Interface. An API request to this endpoint will return all the available active biller groups/categories on the VAS Interface. Information about a biller Group is needed to forward request to the billers' endpoint.

Pre-Condition

    1.0 Customer wants to know the list of supported biller groups/categories on the CoralPay VAS Interface.

    2.0 Customer is about to make payment for their account on a specific biller(s).

Post Condition

    1.0 An API request can then be made to the billers' endpoint to retrieve all the billers under the specific group/category with the ID or Slug.

Main Scenario

    1.0 Customer want to see a list of available biller groups/categories on the CoralPay VAS Interface.

2.0 The platform makes an API request to this endpoint to lookup the available active biller groups/categories.

Biller Groups Enquiry Request to the CoralPay VAS Interface

URL	https://sandbox1.coralpay.com/coralpay-vas/api/biller-groups
Verb	GET
Content-Type	text/plain
JSON Object	*Not Applicable*
Request Data	*Not Applicable*

Biller Groups Enquiry Response to the CoralPay VAS Interface

Content-Type	application/json

Response JSON Object	{
	"error": false,
	"status": "success",
	"message": "Successfully fetched biller groups",
	"responseCode": "00",
	 "responseData": [
	    {
	      "id": 1,
	      "name": "Electric Discos",
	      "slug": "ELECTRIC_DISCOS"
	    },
	    {
	      "id": 2,
	      "name": "Pay Tv",
	      "slug": "PAY_TV"
	    },
	    . . .
	  ]
	}

Response Data	JSON Object
Field Description	

error	This states whether an error occurred.	Mandatory
status	This is the status of the request	Optional
message	The description of the response	Mandatory
responseCode	This is the response code of the request	Mandatory
responseData	This holds any data that is returned for the request. In this case, it holds an array of all the biller groups/categories on the CoralPay VAS Interface.	Mandatory

BILLERS ENQUIRY

The Billers Enquiry endpoint is used to look up billers on the CoralPay VAS Interface. An API request to this endpoint will return all the available active billers under the passed in ID or Slug for the biller group/category passed. Information about a biller is needed to forward request to the Customer Enquiry and Packages Enquiry endpoints.

Pre-Condition

    1.0 Customer wants to know the list of supported billers on the CoralPay VAS Interface.

    2.0 Customer is about to make payment for their account on a specific biller(s).

    3.0 The biller group ID or Slug has already been obtained from the Biller Groups Enquiry API.

Post Condition

    1.0 An API request can then be made to the Customer Enquiry or the Packages Enquiry endpoints with the specific biller group ID or Slug.

Main Scenario

    1.0 Customer want to see a list of available billers on the CoralPay VAS Interface.

    2.0 The platform makes an API request to this endpoint to lookup the available active billers.

Billers Enquiry Request to the CoralPay VAS Interface

Request with Biller Group ID	
URL	https://sandbox1.coralpay.com/coralpay-vas/api/billers/group/{billerGroupID}
Verb	GET
Content-Type	text/plain

JSON Object	*Not Applicable*	
Request Data	*Not Applicable*	
Field Description		
billerGroupID	The identifier for the biller group/category to retrieve all the active available billers for.	Mandatory

Request with Biller Group Slug		
URL	https://sandbox1.coralpay.com/coralpay-vas/api/billers/group/slug/{billerGroupSlug}	
Verb	GET	
Content-Type	text/plain	
JSON Object	*Not Applicable*	
Request Data	*Not Applicable*	
Field Description		
billerGroupSlug	The slug identifier for the biller group/category to retrieve all the active available billers for.	Mandatory

Billers Enquiry Response to the CoralPay VAS Interface

Content-Type	application/json

Response JSON Object	{
	"error": false, "status": "success",
	"message": "Successfully fetched billers", "responseCode": "00",
	"responseData": [
	    {
	        "id": 2,
	        "name": "DSTV",
	        "slug": "DSTV",
	        "groupId": 2,
	        "skipValidation": false,

```
                },
                {
                   "id": 3,
                   "name": "GOTV",
                   "slug": "GOTV",
                   "groupId": 2,
                   "skipValidation": false,
                },
                {
                   "id": 77,
                   "name": "IKEDC",
                   "slug": "IKEDC",
                   "groupId": 1
                   "skipValidation": false,
                },
                . . .
            ]
        }
```

Response Data	JSON Object	

Field Description		
error	This states whether an error occurred.	Mandatory
status	This is the status of the request	Optional
message	The description of the response	Mandatory
responseCode	This is the response code of the request	Mandatory
responseData	This holds any data that is returned for the request. In this case, it holds an array of all the billers on the CoralPay VAS Interface.	Mandatory

PACKAGES ENQUIRY

The Packages Enquiry endpoint is used to look up packages on the CoralPay VAS Interface. An API request to this endpoint will return all the available active packages under the passed in ID or Slug for the biller. Information about a biller's package is needed to forward request to the Vend Value endpoint.

Pre-Condition

    1.0   Customer wants to know the list of supported packages under the selected biller on the CoralPay VAS Interface.

    2.0   Customer is about to make payment for their account on a specific biller's package.

3.0 The biller ID or Slug has already been obtained from the Billers Enquiry API.

Post Condition

1.0 An API request can then be made to the Vend Value endpoint with the specific biller's package ID or Slug.

Main Scenario

1.0 Customer want to see a list of available packages for the selected biller on the CoralPay VAS Interface.

2.0 The platform makes an API request to this endpoint to lookup the available active packages under the selected biller.

Packages Enquiry Request to the CoralPay VAS Interface

Request with Biller ID		
URL	https://sandbox1.coralpay.com/coralpay-vas/api/packages/biller/{billerID}	
Verb	GET	
Content-Type	text/plain	
JSON Object	*Not Applicable*	
Request Data	*Not Applicable*	
Field Description		
billerID	The identifier for the biller to retrieve all the active available packages for.	Mandatory

Request with Biller Slug		
URL	https://sandbox1.coralpay.com/coralpay-vas/api/packages/biller/slug/{billerSlug}	
Verb	GET	
Content-Type	text/plain	
JSON Object	*Not Applicable*	
Request Data	*Not Applicable*	

Field Description		
billerSlug	The slug identifier for the biller to retrieve all the active available packages for.	Mandatory

Packages Enquiry Response to the CoralPay VAS Interface

Content-Type	application/json
Response JSON Object	```{ "error": false, "status": "success", "message": "Successfully fetched packages", "responseCode": "00", "responseData": [{ "id": 6, "name": "compact", "slug": "COMPACT", "amount": 15700, "billerId": 2 }, { "id": 8, "name": "Premuim", "slug": "PREMUIM", "amount": 37000, "billerId": 2 }, . . .] }```
Response Data	JSON Object
Field Description		
error	This states whether an error occurred.	Mandatory
status	This is the status of the request	Optional
message	The description of the response	Mandatory

responseCode	This is the response code of the request	Mandatory
responseData	This holds any data that is returned for the request. In this case, it holds an array of all the packages under the selected biller on the CoralPay VAS Interface.	Mandatory

CUSTOMER ENQUIRY

The Customer Enquiry endpoint MUST be called first in the transaction process. The response will include all the required information to initiate a direct vend, product upgrade / addon, etc. Important information and points to note on the Lookup response

Pre-Condition

    1.0 Customer has provided their CustomerId (could be their meter number, smartcard number, etc.) or OrderId.

    2.0 Customer is about to make payment for their account on the VAS service.

Post Condition

    1.0 An API request can then be made to vend the value for the validated/verified customer.

Main Scenario

    1.0 Customer chooses to PAY for their bills via USSD on the POS, mobile banking, Website, etc.

    2.0 Customer enters their meter number, phone number, smartcard number, etc.

    3.0 The platform makes an API request to this endpoint to lookup the customer's account and returns details for the customer and any outstanding amount to be paid by the customer.

Customer Lookup Request to the CoralPay VAS Interface

URL	https://sandbox1.coralpay.com/coralpay-vas/api/transactions/customer- lookup
Verb	POST
Content-Type	application/json
JSON Object	{ "customerId": "2324541", "billerSlug": "IKEDC", "productName": "IKEDC_PREPAID" }
Request Data	JSON Object

	Field Description	
customerId	The identifier for the customer's account on the biller. It could be meter number, phone number, smartcard number, account number, etc.	customerId is Mandatory when carrying out normal bill payments which does not require an Order ID.
orderId	The orderId that the customer has obtained from the Biller and wishes to pay. This is available for some billers.	This is Mandatory when paying for an Order
billerId	The ID for the biller on the CoralPay VAS Interface. Call the get billers endpoint to see a list of all currently available billers.	The billerId or the billerSlug is Mandatory and must be present in the request.
billerSlug	The Slug for the biller on the CoralPay VAS Interface. Call the get billers endpoint to see a list of all currently available billers.	The billerId or the billerSlug is Mandatory and must be present in the request.
productName	The name of the product/plan to enquiry about for the customer. The product name is typically the package Slug.	It is required for some billers. Billers which require this include: - all the Discos

Customer Lookup Response to the CoralPay VAS Interface

Content-Type	application/json
| Response JSON Object | ```json
{
    "error": false,
    "status": "success",
    "message": "Successfully fetched customer account details",
    "responseCode": "00",
    "responseData": {
        "billerName": "IKEDC",
        "customer": {
            "firstName": "NP",
            "lastName": "NGEMA",
            "customerName": "NP NGEMA",
            "accountNumber": "207309128307",
            "customerType": "NMD",
            "arrearsBalance": 2000,
            "address": "6 ABIODUN ODESEYE Shomolu BU",
            "phoneNumber": "",
            "emailAddress": ""
        },
        "paid": false,
        "statusCode": "00",
        "minPayableAmount": 500
    }
}
``` |

	"customerMessage": "Hello Tester, you are currently paying for DSTV Box Office via GTBank. Kindly note that the minimum amount you can pay is NGN500.00. Thank you",
	    ...
	  }
	}

Response Data	JSON Object

Field Description		
error	This states whether an error occurred.	Mandatory
status	This is the status of the request.	Optional
message	The description of the response.	Mandatory
responseCode	This is the response code of the request.	Mandatory
responseData	This holds any data that is returned for the request. In this case, it holds the customer lookup data.	Mandatory
customer	This contains the data of the customer returned from the lookup request.	Mandatory
products	This is an array of all the products that this customer has currently subscribed on their account (for billers that allow multiple products on a customer's account). It is within the returned customer data.	Optional
orderId	The orderId for the customer's current transaction on the VAS provider (some billers support this). If this is returned, it must be passed as part of the request to vend value for the customer.	Optional
minAmount	This is the min amount the customer should pay for this transaction. This is required by some billers.	Mandatory for some billers
customerMessage	This is the message that should be displayed to the customer during payment.	Optional

VEND VALUE

The Vend Value endpoint is called to vend the actual token/value to the customer. The response will include a status of the vend request and the vended token (available for some billers). You must pass a paymentReference to this endpoint that is verifiable on the payment gateway used to process the

payment transaction to ensure the customer's account was debited with the actual amount for the value being vended for.

Pre-Condition

   1.0 The Customer Enquiry endpoint has been called to obtain the amount due to the customer or an OrderId (available on some billers).

   2.0 The customer's bank account has been successfully debited with the total due amount/the amount of the package being paid for via the payment gateway and a paymentReference has been returned by the payment gateway.

Post Condition

   1.0 The customer's account is credited with the value amount or the API response will contain a token which represents the value amount vended (for some billers).

Main Scenario

   1.0 The platform makes an API request to this endpoint with the paymentReference obtained from the payment gateway and the identifier of the package paid for by the customer.

Vend Value Request to the CoralPay VAS Interface

URL	https://sandbox1.coralpay.com/coralpay-vas/api/transactions/process- payment
Verb	POST
Content-Type	application/json
JSON Object	{ "paymentReference": "670088009565", "customerId": "2324541", "packageSlug": "IKEDC_PREPAID", "channel": "WEB", "amount": 10000.00, "customerName": "Tester Example", "phoneNumber": "23480812345", "email": "tester.example@sample.com", "accountNumber": "0012345678" }
Request Data	JSON Object

	Field Description	
paymentReference	This is the unique payment reference obtained from the payment gateway. This is required to process the vend value request.	Mandatory Maximum length of 100 characters.
customerId	The identifier for the customer's account on the biller. It could be meter number, phone number,	customerId is Mandatory when carrying out normal bill

	smartcard number, account number, etc.	payments which does not require an Order ID.
orderId	The orderId that the customer has obtained from the Biller and wishes to pay. It can also be returned from the Customer Enquiry request.	This is Mandatory when paying for an Order or when an orderId is returned from the Customer Enquiry endpoint.
packageId	The ID for the package on the CoralPay VAS Interface. Call the package enquiry endpoint to see a list of all currently available packages under the selected biller.	The packageId or the packageSlug is Mandatory and must be present in the request.
packageSlug	The Slug for the package on the CoralPay VAS Interface. Call the package enquiry endpoint to see a list of all currently available packages under the selected biller.	The packageId or the packageSlug is Mandatory and must be present in the request.
channel	This is the channel for the payment. This is required to process the vend value request.	Mandatory
amount	The total amount the customer is paying. Not required for DSTV and GOTV billers since they have fixed amount for their packages/bouquets.	Mandatory Not required for DSTV and GOTV billers since they have fixed amount for their packages/bouquets.
customerName	The full name of the customer.	Optional Maximum length of 300 characters.
phoneNumber	The phone number of the customer.	Mandatory
email	The email address of the customer.	Optional
accountNumber	The account number of the customer.	Optional

Vend Value Response to the CoralPay VAS Interface

Content-Type	application/json
Response JSON Object	{ "error": false, "status": "success", "message": "Successfully processed the vend request",

```
"responseCode": "00",
  "responseData": {
    "packageName": "IKEDC Prepaid",
    "tokenData": {
      "stdToken": {
        "amount": "1023.26",
        "receiptNumber": "231117000301",
        "tariff": "B-Non MD",
        "tax": "76.74",
        "units": "16.3",
        "unitsType": "Kwh",
        "value": "53268833131286689562"
      },
      "resetToken": "53268833131286689563",
      "configureToken": "53268833131286689561",
      "kct1": "53268833131286689563",
      "kct2": "53268833131286689561"
    },
    "paid": false,
    "paymentReference": "670088009565",
    "transactionId": "231117000301_77",
    "walletBalance": 424088.50,
    "vendStatus": "CONFIRMED",
    "narration": "Vending Successful",
    "statusCode": "00",
    "amount": 10000.50,
    "convenienceFee": 0.00,
    "customerMessage": "Your IKEDC PrePaid payment of NGN 10000.50 for 2324541 was
successful.\nToken: 53268833131286689562\nUnits: 16.3\nREF: 231117000301.\n KCT 1:
53268833131286689563 \n .\n KCT 2: 53268833131286689561 \n . Thank you for using the service.
C'Gate"
  }
}
```

Response Data	JSON Object	
Field Description		
error	This states whether an error occurred.	Mandatory
status	This is the status of the request	Optional
message	The description of the response	Optional

responseData	This holds any data that is returned for the request. In this case, it holds the vend value response data.	Mandatory
packageName	This is the name of the package that was vended.	Mandatory
paymentReference	This is the payment reference that was sent by the client/partner to this endpoint. It must be the same as what was sent to this endpoint.	Mandatory
transactionId	This is the ID we assigned to this transaction. You can look up the details of a transaction on the CoralPay VAS Interface with this ID.	Mandatory
vendStatus	The status of the vend.	Mandatory
narration	The description of this transaction that was returned by the biller.	Optional
statusCode	The status code of the vend. The codes are based on ISO8583 financial codes. You can find a comprehensive list in the Appendix section below.	Mandatory
amount	The total amount value that was vended to the customer.	Optional
date	The date the value was vended to the customer (typically the current date but sometimes value might be vended at a later time/date).	Optional
tokenData	This contains the data of the vended token which represents the value the customer paid for.	Optional

VEND TRANSACTION ENQUIRY

The Vend Transaction Enquiry endpoint is called to lookup details about a transaction for a vended value identified by its transactionId. The response will include the full details of the vend transaction including the vended token (available for some billers). You must pass the paymentReference or the transactionId for the transaction to this endpoint.

Pre-Condition

1.0 A vend transaction was made on the CoralPay VAS Interface via the VEND VALUE Endpoint using a valid paymentReference and a transactionId was returned for the transaction.

2.0 The Customer/Platform wishes to obtain details about the vend transaction with the specific paymentReference / transactionId on the CoralPay VAS Interface.

3.0 The Customer/Platform has the paymentReference / transactionId for the vend transaction.

Post Condition

1.0 The details for the vend transaction is returned; the API response may contain the token data (for some billers).

Main Scenario

1.0 The platform makes an API request to this endpoint with the paymentReference or transactionId for a vended token transaction to obtain the details of that transaction.

Vend Transaction Enquiry Request to the CoralPay VAS Interface

URL	https://sandbox1.coralpay.com/coralpay-vas/api/transactions/payment-lookup/?paymentReference=670088009565 OR https://sandbox1.coralpay.com/coralpay-vas/api/transactions/payment-lookup/?transactionId=231117000301_77
Verb	GET
Content-Type	text/plain
JSON Object	*Not Applicable*
Request Data	*Not Applicable*
Field Description	

paymentReference	This is the unique payment reference obtained from the payment gateway and used to post the vend request.	The paymentReference or the transactionId is Mandatory and must be present in the request.
transactionId	This is the ID we assigned to the transaction.	The paymentReference or the transactionId is Mandatory and must be present in the request.

Vend Transaction Enquiry Response to the CoralPay VAS Interface

Content-Type	application/json
Response JSON Object	<pre>{
"error": false,
"status": "success",
"message": "Successfully fetched the transaction details",
"responseCode": "00",
"responseData": {
"billerName": "IKEDC",
"customer": {
"customerName": "NP NGEMA",
"meterNumber": "2324541",
"accountNumber": "2324541",
"canVend": true
},
"tokenData": {
"stdToken": {
"amount": "1023.26",
"description": "Purchased token for meterNo: n/a // accountNo: 207309128307 // Receipt: 231117000301",
"receiptNumber": "231117000301",
"tariff": "B-Non MD",
"tax": "76.74",
"units": "16.30",
"unitsType": "Kwh",
"value": "53268833131286689562"
},
"bsstToken": {},
"kct1": "53268833131286689563",
"kct2": "53268833131286689561"
},
"paid": false,
"kct1": "53268833131286689563",
"kct2": "53268833131286689561",
"paymentReference": "670088009565",
"transactionId": "231117000301_77",
"vendStatus": "CONFIRMED",
"narration": "Vending Successful",
"statusCode": "00",
"amount": 10000.50,
"customerMessage": "Your IKEDC Prepaid payment of NGN 10000.50 for 2324541 was successful.\nToken: 53268833131286689562\nUnits: 16.30\nREF: 231117000301.\n KCT 1: 53268833131286689563 \n .\n KCT 2: 53268833131286689561 \n . Thank you for using the</pre>

<table>
<tr><td colspan="3">

```
service. C'Gate",
        "orderId": "207309128307",
        "date": "2024-11-07 15:53:17.105",
        "confirmationTime": "2024-11-07 15:53:17.104"
    }
}
```

</td></tr>
</table>

Response Data	JSON Object	
	Field Description	
error	This states whether an error occurred.	Mandatory
status	This is the status of the request	Optional
message	The description of the response	Optional
responseCode	This is the response code of the vend transaction. The codes are based on	Mandatory
	ISO8583 financial codes. You can find a comprehensive list in the Appendix section below. **Kindly note that you SHOULD NOT reverse funds when you receive these responseCodes:** **00 - Successful, 68 - Awaiting Service Provider, 09- pending, 06 - failed, 25 - Not found (response to error validating Customer) 96 - System malfunction** **These are the response codes to look out for. Kindly Note that you shouldn't treat 68 - Awaiting Service Provider and 09- pending as Failed transactions but transactions that should be requeried at intervals.**	

responseData	This holds any data that is returned for the request. In this case, it holds the transaction data.	Mandatory
billerName	This is the name of the biller that the package was vended under.	Optional
paymentReference	This is the payment reference that was sent by the client/partner to this endpoint for the transaction.	Mandatory
transactionId	This is the id we assigned to this transaction. You can look up the details of a transaction on the CoralPay VAS Interface with this Id.	Mandatory
vendStatus	The status of the vend.	Mandatory
narration	The description of the transaction that was returned by the biller.	Optional
statusCode	The status code of the vend. The codes are based on ISO8583 financial codes. You can find a comprehensive list in the Appendix section below.	Mandatory
amount	The total amount value that was vended to the customer.	Optional
date	The date the value was vended to the customer.	Optional
tokenData	This contains the data of the vended token which represents the value the customer paid for.	Optional

APPENDIX

CORALPAY VAS INTERFACE CHANNELS

Channel	Description
ATM	through the ATM
BANK_TRANSFER	via a bank transfer
CASH_DEPOSIT	cash paid into merchant account at bank
CHAT_BOT	through chat bots like kudi.ai, UBA's LEO, etc.
CORPORATE_IBANKING	through corporate internet banking
INTERNET_BANKING	through internet banking
KIOSK	through a KIOSK
MOBILE	through mobile banking
OTHERS	through other channels not listed here
POS	through the POS
USSD	through USSD (C-Gate)
WEB	through the Web

CORALPAY SUPPORTED VEND STATUS

Vend Status	Description
PENDING	this was an attempted vend transaction, but its state cannot be determined
FAILED	the vend transaction failed at the biller's end
CONFIRMED	vend transaction was successful
AWAITING_SERVICE_PROVIDER	awaiting the final status from the biller

CORALPAY VAS INTERFACE RESPONSE CODES

Response Code	Description
00	Successful approval/completion
06	Failed
09	Request in Progress
25	Not found (response to error validating Customer)
68	Awaiting Service Provider,
96	System malfunction

The CoralPay VAS Interface Response codes are based on ISO8583 financial transaction codes. You can find the full list of the codes and their meaning here: https://en.wikipedia.org/wiki/ISO_8583